



GL04302

FILE_CAB*9*DRAWER_

GEOHERM:
NEVADA

0026019

GEO THERM FILE ID: 0001029

Page 0053

GL04302

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CARSON (SHAW) HOT SPRINGS
LOCATION
COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... CARSON CITY
MAP REFERENCE..... NEW EMPIRE 1:24000, RENO 1:250000

TOWNSHIP-RANGE
15N 020E 04 SW

COORDINATES

LAT/LONG... 39-11.5 N 119-44.9 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 44.0

WATER ANALYSIS

DATE/ANALYST..... NEVADA GEOLOGICAL SURVEY
TOTAL DISSOLVED SOLIDS... 380.

ANALYSIS IN PPM

AL....	CR.....	MG...	2.7		
AU....	CU.....	MO...		SI02.	44.
B....	F.....	NA...	86.		
BA....	FE+3....	NA+K.		S04..	63.
BE....	FE(TOT).		0.21		
CA....	11.	HC03....	147.		
CL....	28.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... FITCH, 1927

RECORD 00096

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074075

NAME OF SAMPLE SOURCE... CARSON (SWIFTS, SHAW) HOT SPRINGS

LOCATION

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
STATE.....	NEVADA	15N 20E 05 SE OF NE	LAT/LONG... 39-11.6 N 119-45.2 W
COUNTY.....	CARSON CITY		UTM ZONE... +11
GEOLOGIC PROVINCE..			NORTHING... 4341635.
MAP REFERENCE.....	RENO 1:250000, NEW EMPIRE 1:24000		EASTING... 262209.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 42.2

OTHER SAMPLE INFORMATION.. WARING NO. 59.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
USGS PROF. PAPER 492

RECORD 00097

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001030

NAME OF SAMPLE SOURCE... CARSON HOT SPRING

LOCATION

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
STATE.....	NEVADA	15N 020E 04 SW	LAT/LONG... 39-11.5 N 119-44.9 W
COUNTY.....	CARSON CITY		
MAP REFERENCE.....	NEW EMPIRE 1:24000, RENO 1:250000		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/06/11 WHITE, DON E.

TEMPERATURE (C)..... 48.7

WATER ANALYSIS

DATE/ANALYST..... 1953/12/22 KRAMER, HENRY

PH..... 9.1

SPECIFIC CONDUCTANCE..... 508.

ANALYSIS IN PPM

AG.....	CO3.....	27.	LI... N		
AL.....	CR.....		MG... N		
AU.....	CU.....		MO... N	SI02.	59.
B..... 1.0	F.....	8.0	NA... 99.	S04..	92.
BA.....	FE+3.....		NA+K.		
CA..... 5.6	HCO3.....	45.	NO3.. T		
CL..... 26.					
CO.....	K.....	1.4			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... B = 0.96% OF EQ.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00098

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074156

NAME OF SAMPLE SOURCE... CARSON HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 20E 05 SE OF NE COORDINATES
 STATE..... NEVADA LAT/LONG... 39-11.6 N 119-45.2 W
 COUNTY..... CARSON CITY UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4341635.
 MAP REFERENCE..... RENO 1:250000, EMPIRE 1:24000 EASTING.... 262209.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/03/30
 TEMPERATURE (C)..... 48.9
 DISCHARGE..... 75. L/MIN

WATER ANALYSIS

PH..... 9.3
 SPECIFIC CONDUCTANCE..... 506.

ANALYSIS IN PPM

AG....	CO3.....	28.			
AL....	CR.....		MG...	0.4	
BA....	FE+3....		NA+K.	96.	S04.. 96.
CA.... 2.6	HCO3....	36.			
CL.... 29.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WORTS, F. G., JR., AND MALMBERG, G. T., 1966, NEVADA DEPT. CONSERV. AND NAT. RESOURCES,
 WATER RESOURCES - RECONN. SER. REPT. 39

RECORD 00099

GEO THERM FILE ID: 0074723

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEVADA STATE PRISON POND

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 02E 16 SE OF SE COORDINATES
 STATE..... NEVADA LAT/LONG... 39-09.6 N 119-44.1 W
 COUNTY..... CARSON CITY UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4337887.
 MAP REFERENCE..... RENO 1:250000, NEW EMPIRE 1:24000 EASTING.... 263681.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/07/12
 TEMPERATURE (C)..... 24.
 OTHER SAMPLE INFORMATION.. WATER FROM HOT SPRINGS ONCE USED FOR INMATE GANG-SHOWERS.

WATER ANALYSIS

PH..... 8.8
 SPECIFIC CONDUCTANCE..... 570.

ANALYSIS IN PPM

AL....	CR.....		MG...	0.33	
AU....	CU.....		MO...		SI02. 33.
B....	F.....		NA...	82.	
BA....	FE+3....		NA+K.		S04.. 148.
CA.... 14.	HCO3....	Q 48.			
CL.... 21.					
CO....	K.....	2.			

ISOTOPES (0/00)

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-84

REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00100

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074843

NAME OF SAMPLE SOURCE... NEVADA STATE PRISON SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 02E 16 SE
 STATE..... NEVADA
 COUNTY..... CARSON CITY
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, DAYTON 1:62500, NEW EMPIRE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

COORDINATES
 LAT/LONG... 39-09.6 N 119-44.1 W
 UTM ZONE... +11
 NORTHING... 4337887.
 EASTING... 263681.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/07/14
 TEMPERATURE (C)..... 24.

WATER ANALYSIS

PH..... 8.8
 SPECIFIC CONDUCTANCE..... 570.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG...	0.33		
AU.....	CU.....	MO...		SI02.	33.
B.....	F.....	NA...	82.		
BA.....	FE+3.....	NA+K.		S04..	148.
CA..... 14.	HCO3.....				
CL..... 21.					
CO.....	K.....		2.		

QUALIFICATION FIELD..... HCO3 CALCULATED FROM TITRATION AS CAC03 TO PH 4.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00101

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074081

NAME OF SAMPLE SOURCE... PINYON HILLS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 20E 23
 STATE..... NEVADA
 COUNTY..... CARSON CITY
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, NEW EMPIRE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

COORDINATES
 LAT/LONG... 39-08.9 N 119-42.4 W
 UTM ZONE... +11
 NORTHING... 4336519.
 EASTING... 266091.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 44.4
 WELL DEPTH (M)..... 39.

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

B.....	F.....		1.6		
BA.....	FE+3.....	NA+K.	71.	S04..	112.
BE.....	FE(TOT).		0.01		
CA.....	HCO3.....	N03..	0.5		
CL..... 20.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR(1973) (CENTER FOR WATER RESOURCES RESEARCH) DESERT RESEARCH INSTITUTE, UNIV. OF
 NEVADA, RENO; COMPUTER DATA BANK

RECORD 00102

 GEOTHERM FILE ID: 0074429

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PINYON HILLS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	15N 20E 23	LAT/LONG... 39-08.9 N 119-42.4 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CARSON CITY		NORTHING... 4336519.
GEOLOGIC PROVINCE..		EASTING.... 266091.

MAP REFERENCE..... RENO 1:250000, NEW EMPIRE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/01/19
 TEMPERATURE (C)..... 45.6
 WELL DEPTH (M)..... 52.

WATER ANALYSIS

PH..... 8.6
 TOTAL DISSOLVED SOLIDS... 1551.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	6.			
AL.....	CR.....		MG...	3.	
B.....	F.....	4.3			
BA.....	FE+3.....		NA+K.	254.	S04.. 135.
BE.....	FE(TOT)..	0.01			
CA..... 275.	HCO3.....	29.			
CL..... 33.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973; (CENTER FOR WATER RESOURCES RESEARCH) DESERT RESEARCH INSTITUTE, UNIV. OF
 NEVADA, RENO; COMPUTER DATA BANK

RECORD 00103

 GEOTHERM FILE ID: 0074844

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... PINYON HILLS AREA

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	15N 020E 25	LAT/LONG... 39-08.2 N 119-40.97 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CARSON CITY		NORTHING... 4335163.
GEOLOGIC PROVINCE..		EASTING.... 268113.

MAP REFERENCE..... RENO 1:250000, DAYTON 1:62500, NEW EMPIRE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/01/28
 TEMPERATURE (C)..... 32.2
 WELL DEPTH (M)..... 61.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 366.

ISOTOPES (0/00)

ANALYSIS

B.....	F.....	1.7
CA..... 13.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR, 1973

RECORD 00104

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074073

NAME OF SAMPLE SOURCE... PINYON HILLS-WHEAT WELL

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 15N 20E 23 SE
STATE..... NEVADA
COUNTY..... CARSON CITY
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 39-08.6 N 119-41.9 W
UTM ZONE... +11
NORTHING... 4335942.
EASTING.... 266795.

MAP REFERENCE..... RENO 1:250000, NEW EMPIRE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/00/00
TEMPERATURE (C)..... 45.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY-CARSON CITY-6B

RECORD 00105

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001023

NAME OF SAMPLE SOURCE... ALLEN HOT SPRING

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 16N 29E 33
STATE..... NEVADA
COUNTY..... CHURCHILL
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 39-12.6 N 118-46.2 W
UTM ZONE... +11
NORTHING... 4341365.
EASTING.... 347178.

OTHER LOCALITY INFORMATION: 19 MILES SOUTH OF FALLON

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/09/07 HEWETT, D. F.
TEMPERATURE (C)..... 93.0

WATER ANALYSIS

DATE/ANALYST..... KRAMER, HENRY
PH..... 8.0
SPECIFIC CONDUCTANCE..... 2304.

ANALYSIS IN PPM

AL....		CR.....		MG...	0.2		
AU....		CU.....		MO...		SI02.	155.
B....	1.8	F.....	6.	NA...	450.	S04..	456.
BA....		FE+3....		NA+K.			
CA....	45.	HCO3....	122.	NO3..	2.0		
CL....	383.						
CO....		K.....	22.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00106

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074846

NAME OF SAMPLE SOURCE... BIG SODA LAKE

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	19N 02E 07 SE OF NE	LAT/LONG... 39-31.6 N 118-52.6 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CHURCHILL		NORTHING... 4376696.
GEOLOGIC PROVINCE..		EASTING.... 338698.

MAP REFERENCE..... RENO 1:250000, SODA LAKE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/00/00
 TEMPERATURE (C)..... 30.
 OTHER SAMPLE INFORMATION.. SOME WARM SPRINGS APPARENTLY ENTER THE BOTTOM OF BIG SODA LAKE WHICH IS 200 FT DEEP,
 REFERENCE IS ON PAGE 25.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BREESE, C. R., JR, 1968

RECORD 00107

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000603

NAME OF SAMPLE SOURCE... BRADY HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES		LAT/LONG... 39-47.21 N 119-00.00 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CHURCHILL		NORTHING... 4405802.
GEOLOGIC PROVINCE..		EASTING.... 328740.

WATER ANALYSIS

PH..... 9.0

ANALYSIS

AU.... CU..... MO... SI02. 242.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR
 726
 OLMSTED AND OTHERS, 1975

RECORD 00108

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000890

NAME OF SAMPLE SOURCE... BRADY HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	22N 26E 12 NE	LAT/LONG... 36-47.3 N 119-01.0 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CHURCHILL		NORTHING... 4073086.
GEOLOGIC PROVINCE..		EASTING.... 320054.

OTHER LOCALITY INFORMATION: 1/3 MILE EAST OF U.S. 40 AT BRADY'S STATION

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/22 WHITE, DON E.
 TEMPERATURE (C)..... 94.0
 DEPOSITS OR ALTERATION.... H2S .3 PPM FROM SILICEOUS SINTER ON ALLUVIUM

WATER ANALYSIS

DATE/ANALYST..... 1958/01/31 WHITEHEAD, H. C.
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 3640.
 ALKALINITY..... 54. AS CAC03
 TOTAL DISSOLVED SOLIDS... 2360.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3..... N		LI... 1.3			
AL..... N		CR.....		MG... N			
AS..... 0.11		CS.....		MN... N			
AU.....		CU.....		MO... N	SI02.	226.	
B..... 4.7		F..... 7.3		NA... 730.			
BA.....		FE+3.....		NA+K.	S04..	315.	
BE.....		FE(TOT). N		NB... N	SR... N		
BI.....		GA.....		NH4.. 0.5			
BR..... 2.2							
CA..... 22.		HCO3..... 67.		NO3.. N			
CA+MG.		HG.....		PB... N			
CD.....		H2S.....		P04.. 0.26			
CL..... 910.		I..... 0.1		RB... N	ZN... 0.01		
CO.....		K..... 62.					

OTHER ANALYTICAL DATA... ANION TOTALS IN EPM = 33.74.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00109

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000889

NAME OF SAMPLE SOURCE... BRADY HOT SPRINGS (SPRINGERS HOT SPRINGS)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

LAT/LONG... 39-47. N 119-01. W
 UTM ZONE... +11
 NORTHING... 4405445.
 EASTING... 327304.

OTHER LOCALITY INFORMATION: HOT SPRING STATION ON SOUTHERN PACIFIC RAILROAD (BRADY'S OR SPRINGER'S HOT SPRING)

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1882/00/00

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 2495.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....		LI... T			
AL..... 1.		CR.....		MG... 1.0			
AU.....		CU.....		MO... N	SI02.	279.	
B.....		F.....		NA... 774.			
CA..... 30.		HCO3..... 336.					
CL..... 968.							
CO.....		K..... 67.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... RUSSELL, ISRAEL COOK, U.S. GEOL. SURVEY MON. 11, P. 49, GEOLOGIC HISTORY OF LAKE LAHONTAN,
 A QUATERNARY LAKE OF NORTHWESTERN NEVADA.

RECORD 00110

GEOOTHERM FILE ID: 0000892

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BRADY HOT SPRINGS - STEAM WELL

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... CHURCHILL
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-47. N 119-01. W
UTM ZONE... +11
NORTHING... 4405445.
EASTING.... 327304.

OTHER LOCALITY INFORMATION: 18 MILES NE OF FERNLEY, NEV.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/06/10 LOELTZ, OMAR

WATER ANALYSIS

DATE/ANALYST..... 1960/06/10 WHITEHEAD, H. C.

PH..... 7.3
SPECIFIC CONDUCTANCE..... 4090.
ALKALINITY..... 138. AS CaCO3

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	N	LI...	1.8		
AL.....	0.52	CR.....		MG...	1.2		
AS.....	0.15	CS.....		MN...	N		
AU.....		CU.....	N	MO...		SI02.	242.
B.....	6.8	F.....	7.6	NA...	780.		
BA.....		FE+3.....		NA+K.		S04..	377.
BE.....		FE(TOT)..	0.08	NB...		SR...	1.9
BI.....		GA.....		NH4..	N		
BR.....	2.1						
CA.....	53.	HCO3.....	162.	NO3..	0.4		
CA+MG.		HG.....		PB...	N		
CD.....		H2S.....		PO4..	0.22		
CL.....	978.	I.....	N	RB...		ZN...	N
CO.....		K.....	65.				

OTHER ANALYTICAL DATA... CATION TOTAL IN EPM = 38.59, ANION TOTAL IN EPM = 38.50.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00111

GEOOTHERM FILE ID: 0000893

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BRADY HOT SPRINGS - MUD VOLCANO, NEW VENT

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... CHURCHILL
MAP REFERENCE..... FIREBALL RIDGE 1:62500

COORDINATES

TOWNSHIP-RANGE
22N 26E 01 SE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/09/07 FETH, J. H.

DISCHARGE..... 3.6 L/MIN

WATER TREATMENT..... SAMPLES UNFIXED, FILTERED THRU MILLIPORE OR FIXED, ACETIFORM
OTHER SAMPLE INFORMATION.. BASIN DRAINED OF STANDING WATER AND NEW FLOW COLLECTED. VERY MUDDY

WATER ANALYSIS

DATE/ANALYST..... 1961/07/25 WHITEHEAD, H. C.

PH..... 7.3

SPECIFIC CONDUCTANCE..... 1210.
 ALKALINITY..... 120. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1050.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3..... N		LI... 0.19			
AL..... 0.09		CR.....		MG... 2.6			
AS..... 0.35		CS.....		MN... 0.5			
AU.....		CU.....		MO... 200.	SI02.	108.	
B..... 2.4		F..... 5.6		NA... 200.	S04..	341.	
BA.....		FE+3.....		NA+K.	SR... 1.1		
BE.....		FE(TOT).		NH4.. N			
BI.....		GA.....					
BR..... N							
CA..... 44.		HCO3..... 204.		N03.. N			
CD.....		H2S.....		P04.. 2.1			
CL..... 43.		I..... 0.6					
CO.....		K..... 31.					

OTHER ANALYTICAL DATA... TOTAL CATION IN EPM 11.96; TOTAL ANION IN EPM 11.94.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00112

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000891

NAME OF SAMPLE SOURCE... BRADY HOT SPRINGS - MUD VOLCANO NO. 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	22N 26E 12	LAT/LONG... 39.47.3 N 119-01.0 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CHURCHILL		NORTHING... 4406000.
GEOLOGIC PROVINCE..		EASTING.... 327317.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/09/08 WHITE, DON E.
 DEPOSITS OR ALTERATION.... INACTIVE MUD VOLCANO, 5 FT. DIAMETER CONE 12-18 FT. ABOVE GROUND.

WATER ANALYSIS

DATE/ANALYST..... 1961/02/06 WHITEHEAD, H. C.
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 6240.
 ALKALINITY..... 298. AS CaCO3

ISOTOPES (0/00)

AG.....		CO3..... N		LI... 2.5			
AL..... N		CR.....		MG... 1.5			
AS.....		CS.....		MN... N			
AU.....		CU.....		MO... 1170.	SI02.	169.	
B..... 8.2		F..... 6.6		NA... 694.	S04..		
BA.....		FE+3.....					
BE.....		FE(TOT). N					
CA..... 117.		HCO3..... 269.		N03.. N			
CD.....		H2S.....		P04.. 0.72			
CL..... 1510.							
CO.....		K..... 91.					

OTHER ANALYTICAL DATA... CATION TOTALS IN EPM 59.55; ANION TOTALS IN EPM 61.79

QUALIFICATION FIELD..... SI02 DATA COLORIMETRIC; MAY NOT REPRESENT TOTAL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00113

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000894

NAME OF SAMPLE SOURCE... BRADY HOT SPRINGS - MUD VOLCANO NO. 2

LOCATION TOWNSHIP-RANGE

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-47. N 119-01. W
 UTM ZONE... +11
 NORTHING... 4405445.
 EASTING... 327304.

OTHER LOCALITY INFORMATION: 15 MILES NE OF BRADY'S STATION NEAR BRADY'S HOT SPRINGS

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/09/08 WHITE, DON E.
 TEMPERATURE (C)..... Q

WATER ANALYSIS

DATE/ANALYST..... 1961/04/11 WHITEH AD, H. C.
 PH..... 4.7
 SPECIFIC CONDUCTANCE..... 7290.
 ALKALINITY..... 1150. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 5930.

ISOTOPE (0/00)

ANALYSIS IN PPM

AG....		CO3..... N	LI... 3.3		
AL....		CR.....	MG... 28.		
AU....		CU.....	MO... 149.	SI02.	
B..... 7.1		F..... 2.4	NA... 1380.	S04..	2760.
BA....		FE+3....	NA+K.		
CA.... 412.		HCO3.... 2.	NO3.. 0.3		
CD....		H2S.....	P04.. 2.0		
CL.... 1070.					
CO....		K..... 114.			

OTHER ANALYTICAL DATA... TOTAL CATIONS IN EPM 86.29. TOTAL ANIONS IN EPM 87.79.
 QUALIFICATION FIELD..... WATER TEMPERATURE REPORTED AS "BOILING".

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00114

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074071

NAME OF SAMPLE SOURCE... BRADY'S (SPRINGER'S, FERNLEY) HOT SPRINGS

LOCATION TOWNSHIP-RANGE

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-47.0 N 119-00.7 W
 UTM ZONE... +11
 NORTHING... 4405436.
 EASTING... 327732.

MAP REFERENCE..... RENO 1:250000, FIREBALL RIDGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 98.3
 DISCHARGE..... 50. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGE: 0-98 C. FUMARoles AND HOT SPRINGS. WARING NO. 72.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING,G.A.(1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492

RECORD 00115

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074043

NAME OF SAMPLE SOURCE... BRADY'S HOT SPRINGS-MAGMA POWER CO. BRADY NO.2
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 22N 26E 12 NE OF SW LAT/LONG... 39-47.2 N 119-00.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CHURCHILL NORTHING... 4405803.
 GEOLOGIC PROVINCE.. EASTING.... 327883.
 MAP REFERENCE..... RENO 1:250000, FIREBALL RIDGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NE/4, NE/4, SW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 165.6
 WELL DEPTH (M)..... 73.
 OTHER SAMPLE INFORMATION.. API NO. 27-001-90001.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GARSIDE, L.J., SCHILLING,J.H.(IN PREP) INVENTORY OF THERMAL WATERS OF NEVADA: NEVADA BUREAU
 OF MINES AND GEOLOGY BULL. 91, APPENDIX 2

RECORD 00116

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074362

NAME OF SAMPLE SOURCE... BRADY'S HOT SPRINGS-EARTH ENERGY INC. BRADY PROS. NO. 1
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 22N 26E 12 LAT/LONG... 39-47.2 N 119-00.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CHURCHILL NORTHING... 4405803.
 GEOLOGIC PROVINCE.. EASTING.... 327883.
 MAP REFERENCE..... RENO 1:250000, FIREBALL RIDGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 179.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GARSIDE, L.J., SCHILLING,J.H. (IN PREP.) INVENTORY OF THERMAL WATERS OF NEVADA: NEVADA
 BUREAU OF MINES AND GEOLOGY BULL. 91, APPENDIX 2

RECORD 00117

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074364

NAME OF SAMPLE SOURCE... BRADY'S HOT SPRINGS-EARTH ENERGY INC. R BRADY EF. NO.1
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 22N 26E 12 LAT/LONG... 39-47.2 N 119-00.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CHURCHILL NORTHING... 4405803.
 GEOLOGIC PROVINCE.. EASTING.... 327883.
 MAP REFERENCE..... RENO 1:250000, FIREBALL RIDGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/00/00

TEMPERATURE (C)..... 212.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... GARSIDE, L.J., SCHILLING, J.H. (IN PREP.) INVENTORY OF THERMAL WATERS OF NEVADA; NEVADA BUREAU OF MINES AND GEOLOGY BULL. 91, APPENDIX 2

RECORD 00118

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074365

NAME OF SAMPLE SOURCE... BRADY'S HOT SPRINGS-UNION OIL OF CA SP-BRADY'S NO.1

API NUMBER..... 27-001-90010

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 22N 26E 01 SW OF SE

LAT/LONG... 39-47.9 N 119-00.3 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... CHURCHILL

NORTHING... 4407088.

GEOLOGIC PROVINCE..

EASTING.... 328341.

MAP REFERENCE..... RENO 1:250000, FIREBALL RIDGE 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/00/00

TEMPERATURE (C)..... 188.3

WELL DEPTH (M)..... 2217.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... GARSIDE, L.J., SCHILLING, J.H. (IN PREP.) INVENTORY OF THERMAL WATERS OF NEVADA; NEVADA BUREAU OF MINES AND GEOLOGY BULL. 91, APPENDIX 2

RECORD 00119

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074041

NAME OF SAMPLE SOURCE... BRADY'S (SPRINGER'S, FERNLEY) HOT SPRINGS - UNION OIL SP - NO. 1 WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 22N 26E 01 SW OF SE

LAT/LONG... 39-47.9 N 119-00.4 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... CHURCHILL

NORTHING... 4407091.

GEOLOGIC PROVINCE..

EASTING.... 328198.

MAP REFERENCE..... RENO 1:250000, FIREBALL RIDGE 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES, LOCATION GIVEN AS NE/4, SW/4, SE/4

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/06/11

TEMPERATURE (C)..... 188.3

WELL DEPTH (M)..... 693.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY-CHURCHILL CO. #19

RECORD 00120

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074042

NAME OF SAMPLE SOURCE... BRADY'S (SPRINGER'S, FERNLY) HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 22N 26E 12

LAT/LONG... 39-47.0 N 119-00.7 W

STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, FIREBALL RIDGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

UTM ZONE... +11
 NORTHING... 4405436.
 EASTING... 327732.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 167.8
 WELL DEPTH (M)..... 549.
 OTHER SAMPLE INFORMATION.. MAGMA POWER CO. AND VULCAN THERMAL POWER CO. SEVERAL WELLS 152.4 - 548.6 M DEEP.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E. (1965) GEOTHERMAL ENERGY: USGS CIRCULAR 519, P. 7

RECORD 00121

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074033

NAME OF SAMPLE SOURCE... CARSON DESERT

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 30E 07
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-21.3 N 118-39.6 W
 UTM ZONE... +11
 NORTHING... 4357278.
 EASTING... 356971.

MAP REFERENCE..... RENO 1:250000, CARSON LAKE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES, LOCATION GIVEN AS N/2

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/03/13
 TEMPERATURE (C)..... 70.0
 OTHER SAMPLE INFORMATION.. FLOWING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY CHURCHILL CO. #45

RECORD 00122

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074040

NAME OF SAMPLE SOURCE... DESERT PEAK-PHILLIPS PETRO. CO. DESERT PEAK NO. 21-2

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22N 27E 21 NE OF NE
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-45.8 N 118-57.0 W
 UTM ZONE... +11
 NORTHING... 4403099.
 EASTING... 332965.

MAP REFERENCE..... RENO 1:250000, DESERT PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/02/00
 TEMPERATURE (C)..... 198.9
 WELL DEPTH (M)..... 973.
 OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 7500.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY-CHURCHILL CO. #26

RECORD 00123

GEOTHERM FILE ID: 0074366

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DESERT PEAK-PHILLIPS PETRO. CO. DESERT PEAK B NO. 21-1
 API NUMBER..... 27-001-90015

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22N 27E 21 SE
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, CARSON SINK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

COORDINATES
 LAT/LONG... 39-45.3 N 118-42.0 W
 UTM ZONE... +11
 NORTHING... 4401738.
 EASTING... 354363.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/00/00
 TEMPERATURE (C)..... 207.8
 WELL DEPTH (M)..... 1265.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GARSIDE, L.J., SCHILLING, J.H. (IN PREP.) INVENTORY OF THERMAL WATERS OF NEVADA: NEVADA BUREAU OF MINES AND GEOLOGY BULL. 91, APPENDIX 2

RECORD 00124

 GEOTHERM FILE ID: 0000653

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DIXIE HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22N 35E 05.88
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, DIXIE HOT SPRINGS 1:62500

COORDINATES
 LAT/LONG... 39-47.86 N 118-04.04 W
 UTM ZONE... +11
 NORTHING... 4405636.
 EASTING... 408621.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 72.0
 DISCHARGE..... 200. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... NO SPRING DEPOSITS DETECTED
 PERTINENT LITHOLOGY..... ALLUVIUM, VOLCANIC ROCKS, INTRUSIVE AND METAMORPHIC ROCKS NEAR SPRING.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.6
 SPECIFIC CONDUCTANCE... 914.
 ALKALINITY..... 133. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....		LI... 0.38	SB...		
AL... 0.015		CR.....		MG... 0.02	SC...		
AS.....		CS..... 0.1		MN... L 0.02	SI02..	115.	
AU.....		CU..... L 0.01		MO...			
B... 0.89		F..... 16.		NA... 190.	S04..	111.	
BA.....		FE+3....		NA+K.	SR... L 0.05		
BE.....		FE(TOT). L 0.02		NB...			
CA... 3.6							
CA+MG.		HG..... 0.0010		P04.. 0.18			
CD.....		H2S.....					

ISOTOPES (0/00)

DEL D OF WATER..... -126.1
 DEL O(18) OF WATER... -15.89

CL.... 126. I..... RB... 0.07
 CO.... K..... 6.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
 OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00125

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074266

NAME OF SAMPLE SOURCE... EIGHTMILE FLAT, BORAX SPRING
 WARNING NUMBER..... 74

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 17N 30E 14 NE
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-20.5 N 118-34.7 W
 UTM ZONE... +11
 NORTHING... 4355672.
 EASTING.... 363982.

MAP REFERENCE..... RENO 1:250000, CARSON LAKE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 81.1
 OTHER SAMPLE INFORMATION.. NOT FLOWING

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD;
 U. S. GEOL. SURVEY PROF. PAPER 492 RUSSEL, 1885, GEOLOGICAL HISTORY OF LAKE LAHONTAN; U.S. GEOLOGICAL SURVEY
 MONOGRAPH 11, PLATE 8

RECORD 00126

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074833

NAME OF SAMPLE SOURCE... ELMER WEISHAAPT RANCH WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 19N 0 0E 01
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-32.45 N 118-33.8 W
 UTM ZONE... +11
 NORTHING... 4377754.
 EASTING.... 365658.

MAP REFERENCE..... RENO 1:250000, STILLWATER 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 31.1
 WELL DEPTH (M)..... 61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MORRISON, R. B., 1964

RECORD 00127

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074038

NAME OF SAMPLE SOURCE... LEE HOT SPRINGS

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 29E 34 NW
STATE..... NEVADA
COUNTY..... CHURCHILL
GEOLOGIC PROVINCE..

LAT/LONG... 39-12.6 N 118-43.4 W
UTM ZONE... +11
NORTHING... 4341287.
EASTING... 351207.

MAP REFERENCE..... RENO 1:250000, ALLEN SPRINGS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 91.1
OTHER SAMPLE INFORMATION.. TEMPERATURE TAKEN 3FT BELOW SURFACE. SOURCE OF HOT WATER PRESENTLY FLOWING FROM LEE HOT SPRINGS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY CHURCHILL CO. #51

RECORD 00128

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074265

NAME OF SAMPLE SOURCE... LEE HOT SPRINGS
WARING NUMBER..... 74A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 29E 34 NW
STATE..... NEVADA
COUNTY..... CHURCHILL
GEOLOGIC PROVINCE..

LAT/LONG... 39-12.6 N 118-43.4 W
UTM ZONE... +11
NORTHING... 4341287.
EASTING... 351207.

MAP REFERENCE..... RENO 1:250000, ALLEN SPRINGS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.8
DISCHARGE..... 95. L/MIN
DEPOSITS OR ALTERATION... DEPOSITS OF SILICEOUS SINTER.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WARING, G. A. , 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: U. S. GEOL. SURVEY PROF. PAPER 492

RECORD 00129

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000609

NAME OF SAMPLE SOURCE... LEE HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... CHURCHILL
GEOLOGIC PROVINCE..

LAT/LONG... 39-12.55 N 118-43.39 W
UTM ZONE... +11
NORTHING... 4341195.
EASTING... 351220.

MAP REFERENCE..... RENO 1:250000, ALLEN SPRINGS 1:62500
OTHER LOCALITY INFORMATION: UNSURVEYED

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
TEMPERATURE (C)..... 88.0
DISCHARGE..... 130. L/MIN
WATER TREATMENT..... PRESSURE - FILTERED THROUGH A .45 MICROMETRE MEMBRANE, DILUTED.
DEPOSITS OR ALTERATION... CaCO3 AND SILICA APRON DEPOSITED AROUND SPRING.
PERTINENT LITHOLOGY..... VOLCANIC ROCKS NEAR SPRING.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 2430.
 ALKALINITY..... 116. AS HC03

ANALYSIS IN MG/L

AG....		CO3.....		LI....	0.7	SB....	
AL....	0.027	CR.....		MG....	0.6	SC....	
AS....		CS.....	0.1	MN....	0.06		
AU....		CU.....	0.01	MO....		SI02..	180.
B.....	2.4	F.....	7.9	NA....	450.		
BA....		FE+3....		NA+K..		S04..	470.
BE....		FE(TOT)..	L 0.02	NB....		SR....	1.0
BI....		GA.....		NH4..	0.28		
BR....	1.						
CA....	44.						
CA+MG.		HG.....	L 0.0001				
CD....		H2S.....		P04..	0.12		
CL....	380.	I.....	0.1	RB....	0.22		
CO....		K.....	26.				

ISOTOPES (0/00)

DEL D OF WATER..... -125.8
 DEL O(18) OF WATER... -13.21

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00130

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074845

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21N 034E 36 SW
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-38.35 N 118-06.5 W
 UTM ZONE... +11
 NORTHING... 4388087.
 EASTING.... 404893.

MAP REFERENCE..... RENO 1:250000, DIXIE VALLEY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/07/23
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 61.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 435.

ANALYSIS IN PPM

AG....		CO3.....	N				
AL....		CR.....		MG....	2.2		
AU....		CU.....		MO....		SI02..	0.54
B.....	0.3	F.....	6.	NA....	68.		
BA....		FE+3....		NA+K..		S04..	80.
BE....		FE(TOT)..	0.01				
CA....	16.	HC03....	86.	N03..	1.1		
CL....	26.						
CO....		K.....	3.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 4.2, RSC = 0.43

QUALIFICATION FIELD..... DISCHARGE GIVEN AS 1000?

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, AND EVERETT, D. E., 1963

RECORD 00131

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074847

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21N 035E 19 NW
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-40.6 N 118-05.3 W
 UTM ZONE... +11
 NORTHING... 4392228.
 EASTING.... 406660.

MAP REFERENCE..... RENO 1:250000, DIXIE VALLEY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/08/21
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 61.
 DISCHARGE..... 25.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, AND EVERETT, D. E., 1963

RECORD 00132

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074848

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21N 035E 20 NE
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-40.6 N 118-03.7 W
 UTM ZONE... +11
 NORTHING... 4392201.
 EASTING.... 408947.

MAP REFERENCE..... RENO 1:250000, DIXIE VALLEY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/05/01
 TEMPERATURE (C)..... 21.7

WATER ANALYSIS

PH..... 8.2
 TOTAL DISSOLVED SOLIDS... 287.

ANALYSIS IN PPM

AL.....	CR.....	MG...	0.9		
B.....	F.....		6.9		
BA.....	FE+3....	NA+K..		S04..	60.
BE.....	FE(TOT)..		0.04		
CA..... 12.	HCO3....	N03..	98.		0.9
CL..... 21.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00133

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074849

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 21N 03E 20 NE LAT/LONG... 39-41.2 N 118-03.7 W
 COUNTY..... CHURCHILL UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4393310.
 MAP REFERENCE..... RENO 1:250000, DIXIE VALLEY 1:24000 EASTING... 408960.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/07/22
 TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 65.
 DISCHARGE..... 15.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, AND EVERETT, D. E., 1963

RECORD 00134

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000821

NAME OF SAMPLE SOURCE... SHALLOW RESEARCH WELL (SODA LAKE), 5

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 20N 28E 32 NE
 COUNTY..... CHURCHILL
 MAP REFERENCE..... RENO 1:250000, SODA LAKE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 BARNES GROUP
 WATER TREATMENT..... PRESSURE-FILTERED THROUGH A .45 MICROMETRE MEMBRANE, PORTION ACIDIFIED, DILUTED.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

<u>ANALYSIS IN MG/L</u>				<u>ISOTOPES (0/00)</u>	
AG.....		C03.....	LI...	SB...	DEL D OF WATER..... -111.3
AL..... 0.003		CR.....	MG...	SC...	DEL O(18) OF WATER... -14.56
AS.....		CS..... L 0.1	MN... L 0.02		
AU.....		CU..... L 0.01			
BE.....		FE(TOT). L 0.02			
BI.....		GA.....	NH4.. 0.39		
CA+MG.		HG..... L 0.0001			
CL.....		I.....	RB... L 0.02		

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00135

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000822

NAME OF SAMPLE SOURCE... SHALLOW RESEARCH WELL (SODA LAKE), 4

LOCATION
TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 20N 28E 28 SW
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, SODA LAKE 1:62500

LAT/LONG... 39-33.8 N 118-51.2 W
 UTM ZONE... +11
 NORTHING... 4380725.
 EASTING.... 340788.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 BARNES GROUP
 SAMPLE NUMBER..... ID 4
 WATER TREATMENT..... PRESSURE-FILTERED THROUGH A .45 MICROMETRE MEMBRANE, PORTION ACIDIFIED, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

ANALYSIS IN MG/L

AG....		CO3.....		LI...		SB...	
AL....	0.003	CR.....		MG...		SC...	
AS....		CS.....	0.2	MN...	0.07		
AU....		CU.....	0.01				
BE....		FE(TOT)..	0.05	NB...		SR... L	0.05
BI....		GA.....		NH4..	2.1		
CA+MG.		HG.....	0.0003				
CL....		I.....		RB...	0.27		

ISOTOPES (0/00)

DEL D OF WATER..... -109.3
 DEL O(18) OF WATER... -13.46

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENT, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00136

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000601

NAME OF SAMPLE SOURCE... SODA LAKE

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 20N 028E 34
 STATE..... NEVADA
 COUNTY..... CHURCHILL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... SODA LAKE 1:62500, RENO 1:250000

LAT/LONG... 39-34.00 N 118-49.00 W
 UTM ZONE... +11
 NORTHING... 4381030.
 EASTING.... 343945.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 90.0

WATER ANALYSIS

DATE/ANALYST..... 1974/00/00

PH..... 7.9

ANALYSIS

AG....		CO3.....		LI...	1.4		
AU....		CU.....		MO...		SI02.	160.
B.....	5.7	F.....		NA...	1000.		
BA....		FE+3....		NA+K.		S04..	360.
CA....	82.	HCO3....	138.				
CL....	1500.						
CO....		K.....	48.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... RENNER, J.
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WHITE & OTHERS, ASSESSMENT OF GEOTHERMAL RESOURCES OF THE U.S. - 1975, U.S.G.S. CIRCULAR 726
 MARINER AND OTHERS, 1975

RECORD 00137

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074039

NAME OF SAMPLE SOURCE... SODA LAKES - UPSAL HOGBACK

LOCATION TOWNSHIP-RANGE

COUNTRY... UNITED STATES 20N 28E 28

STATE... NEVADA

COUNTY... CHURCHILL

GEOLOGIC PROVINCE..

MAP REFERENCE... RENO 1:250000, SODA LAKE 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 98.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... HOSE, R.K., AND TAYLOR, B.E. (1974) GEOTHERMAL SYSTEMS OF NORTHERN NEVADA: USGS OPEN-FILE

REPORT 74-271

COORDINATES

LAT/LONG... 39-34.0 N 118-51.2 W

UTM ZONE... +11

NORTHING... 4381095.

EASTING... 340795.

RECORD 00138

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074049

NAME OF SAMPLE SOURCE... STILLWATER L.H. GREENWOOD'S STORE WELL

LOCATION TOWNSHIP-RANGE

COUNTRY... UNITED STATES 19N 31E 07

STATE... NEVADA

COUNTY... CHURCHILL

GEOLOGIC PROVINCE..

MAP REFERENCE... RENO 1:250000, STILLWATER 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/10/27

TEMPERATURE (C)..... 87.8

WELL DEPTH (M)..... 70.

OTHER SAMPLE INFORMATION.. CASSED TO 100 FT. NONCOMBUSTIBLE GAS ACCUMULATES IN A HEAT RADIATOR. WELL IS FLOWING.

GAS ANALYSIS

ANALYSIS IN %

CH4.. 6.5

C2H6..

CO2.. 1.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... MORRISON, R.B. (1964) LAKE LAHONTAN: GEOLOGY OF SOUTHERN CARSON DESERT, NEVADA: USGS PROF.

PAPER 401

ISOTOPES (00/0)

N2... 87.

RECORD 00139

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074048

NAME OF SAMPLE SOURCE... STILLWATER O'NEILL GEOTHERMAL INC. (OLIPHANT) REYNOLDS #1

LOCATION TOWNSHIP-RANGE

COUNTRY... UNITED STATES 19N 31E 06 SW OF SW

STATE... NEVADA

COUNTY... CHURCHILL

GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-32.2 N 118-33.1 W

UTM ZONE... +11

NORTHING... 4377274.

EASTING... 366653.

MAP REFERENCE..... RENO 1:250000, STILLWATER 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES, LOCATION GIVEN AS NE/4, SW/4, SW/4

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/00/00
TEMPERATURE (C)..... 136.1
WELL DEPTH (M)..... 1291.

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES LOCATION GIVEN AS NE/4 SW/4 SW/4

REFERENCE AND IDENTification

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY CHURCHILL CO. #38

RECORD 00140

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074854

NAME OF SAMPLE SOURCE... TEST HOLE AH-13

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 21N 029E 07 NW OF NE SW
STATE..... NEVADA
COUNTY..... CHURCHILL
GEOLOGIC PROVINCE..

LAT/LONG... 39-42.2 N 118-46.15 W
UTM ZONE... +11
NORTHING... 4396118.
EASTING.... 348325.

MAP REFERENCE..... RENO 1:250000, SODA LAKE 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/05/16
TEMPERATURE (C)..... 22.

REFERENCE AND IDENTification

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... OLMSTED, F. H., GLANCY, P. A., HARRILL, J. R., RUSH, F. E., VAN DENBURGH, A. S., 1973

RECORD 00141

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074850

NAME OF SAMPLE SOURCE... TOM ORMECHEA WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 20N 038E 06 SE
STATE..... NEVADA
COUNTY..... CHURCHILL
GEOLOGIC PROVINCE..

LAT/LONG... 39-37.4 N 117-44.4 W
UTM ZONE... +11
NORTHING... 4386005.
EASTING.... 436486.

MAP REFERENCE..... EDWARDS CREEK VALLEY 1:62500, MILLETT 1:250000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/00/00
TEMPERATURE (C)..... 24.4
WELL DEPTH (M)..... 31.
DISCHARGE..... 50.

REFERENCE AND IDENTification

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... EVERETT, D. E., 1964

RECORD 00142

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074853

NAME OF SAMPLE SOURCE... U.S. BUREAU OF RECLAMATION HEAT FLOW HOLE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22N 031E 10 NE OF SW NW COORDINATES
 STATE..... NEVADA LAT/LONG... 39-47.6 N 118-29.5 W
 COUNTY..... CHURCHILL UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4405674.
 MAP REFERENCE..... RENO 1:250000, LONE ROCK SW 1:24000 EASTING.... 372283.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 152.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... OLMSTED, F. H., GLANCY, P. A., HARRILL, J. R., RUSH, F. E., VAN DENBURGH, A. S., 1973

RECORD 00143

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074851

NAME OF SAMPLE SOURCE... WELL CDAH-2A

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 20N 028E 22 NE OF SW NW COORDINATES
 STATE..... NEVADA LAT/LONG... 39-35.25 N 118-49.97 W
 COUNTY..... CHURCHILL UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4383371.
 MAP REFERENCE..... RENO 1:250000, SODA LAKE 1:62500 EASTING.... 342603.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/05/06
 TEMPERATURE (C)..... 31.1
 WELL DEPTH (M)..... 27.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 4980.

ANALYSIS IN PPM

<u>ANALYSIS IN PPM</u>		<u>ISOTOPES (0/00)</u>	
AG.....	CO3.....	LI... 1.7	
AL.....	CR.....	MG... 9.	
AU.....	CU.....	MO... 940.	SI02. 56.
B..... 6.1	F..... 0.8	NA... 940.	S04.. 22.
BA.....	FE+3.....	NA+K.	
BR..... 3.8			
CA..... 26.	HCO3..... 354.	NO3.. 0.2	
CL..... 1400.			
CO.....	K..... 100.		

OTHER ANALYTICAL DATA... SAR = 41.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... U. S. GEOLOGICAL SURVEY, 1977; U.S.G.S. WATSTORE FILE

RECORD 00144

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000599

NAME OF SAMPLE SOURCE... WELL IN STILLWATER

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 31E 07 SW COORDINATES
 STATE..... NEVADA LAT/LONG... 39-31.29 N 118-33.13 W
 COUNTY..... CHURCHILL UTM ZONE... +11
 NORTHING... 4375592.

EASTING.... 366581.

GEOLOGIC PROVINCE..

MAP REFERENCE..... RENO 1:250000, STILLWATER 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP

TEMPERATURE (C)..... Q 72.

WATER TREATMENT..... PRESSURE - FILTERED THROUGH A .45 MICROMETRE MEMBRANE, DILUTED

PERTINENT LITHOLOGY..... ALLUVIUM AND TERTIARY BASALT?

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 7.6

SPECIFIC CONDUCTANCE..... 6910.

ALKALINITY..... 92. AS HCO3

ANALYSIS IN MG/L

AG....	CO3.....	LI...	1.9	SB...	
AL....	CR.....	MG...	1.7	SC...	
AS....	CS.....		0.2		
AU....	CU.....	MO...		SI02.	170.
B....	F.....	NA...	5.0		1480.
BA....	FE+3....	NA+K.		S04..	190.
BE....	FE(TOT).	NB...		SR...	5.7
BI....	GA.....	NH4..	4.4		
CA....					
CL....	I.....	RB...	0.22		
CO....	K.....		42.		

ISOTOPES (0/00)

DEL D OF WATER..... -110.2
 DEL O(18) OF WATER... -12.36

QUALIFICATION FIELD..... BOILING SPRING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00145

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TEST HOLE DH-1

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16N 029E 17 SW
 STATE..... NEVADA
 COUNTY..... CHURCHLIL
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-14.8 N 118-45.5 W
 UTM ZONE... +11
 NORTHING... 4345415.
 EASTING.... 348264.

MAP REFERENCE..... RENO 1:250000, WEBER RESERVOIR 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... OLMSTED, F.H., GLANCY, P.A., HARRILL, J.R., RUSH, F.E., VAN DENBURGH, A. S., 1973

RECORD 00146

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... A.G. KLINGER WELL (#26)

LOCATION TOWNSHIP-RANGE

COORDINATES

GEO THERM FILE ID: 0074797

COUNTRY..... UNITED STATES 22S 062E 09 NW OF SE SW LAT/LONG... 36-02.75 N 115-03.55 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 3990574.
 GEOLOGIC PROVINCE.. EASTING.... 674836.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/08/30
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 38.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00147

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074829

NAME OF SAMPLE SOURCE... A.J. AND L.C. WOOD WELL (#1)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 21S 061E 26 NW OF NW NW LAT/LONG... 36-05.9 N 115-07.9 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 3996270.
 GEOLOGIC PROVINCE.. EASTING.... 668192.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/11/13
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 181.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00148

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074787

NAME OF SAMPLE SOURCE... BLACK CANYON AREA

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 23S 065E 21 NE OF SW NW LAT/LONG... 35-56.8 N 114-44.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 3980207.
 GEOLOGIC PROVINCE.. EASTING.... 704448.
 MAP REFERENCE..... KINGMAN 1:250000, BLACK CANYON 1:62500, RINGBOLT RAPIDS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/01/15
 TEMPERATURE (C)..... 25.6
 DISCHARGE..... 5.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1040.

ANALYSIS IN PPMISOTOPES (0/00)

AG.... CO3..... N
 AL.... CR..... MG... 6.9

AU.....		CU.....		MO...		SI02.	25.
B.....	0.7	F.....	1.4	NA...	160.	S04..	180.
BA.....		FE+3....		NA+K.			
BE.....		FE(TOT)..	0.01				
CA.....	37.	HCO3.....	79.				
CL.....	180.						
CO.....		K.....	3.1				

GAS ANALYSIS
ANALYSIS

ISOTOPES (00/0)

CO2.. 3.2
OTHER ANALYTICAL DATA... SAR = 6.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... A

RECORD 00149

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074800

NAME OF SAMPLE SOURCE... BLACK CANYON AREA

LOCATION

COORDINATES

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	22S 06SE 32 NW OF SW NW	LAT/LONG...	36-00.2 N 114-44.7 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	CLARK			NORTHING...	3986470.
GEOLOGIC PROVINCE..				EASTING....	703250.

MAP REFERENCE..... LAS VEGAS 1:250000, BOULDER BEACH 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/01/15
TEMPERATURE (C)..... 32.8
DISCHARGE..... 314.

WATER ANALYSIS

PH..... 8.2
SPECIFIC CONDUCTANCE..... 3000.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....		CR.....		MG...	5.8		
AU.....		CU.....		MO...		SI02.	44.
B.....	1.0	F.....		NA...	410.	S04..	720.
BA.....		FE+3....		NA+K.			
BE.....		FE(TOT)..	N				
CA.....	160.	HCO3.....	90.				
CL.....	380.						
CO.....		K.....	11.				

GAS ANALYSIS
ANALYSIS

ISOTOPES (00/0)

CO2.. 0.9
OTHER ANALYTICAL DATA... SAR = 8.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... A

RECORD 00150

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074801

NAME OF SAMPLE SOURCE... BLACK CANYON AREA

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	23S 06SE 05 SE OF NW SW	LAT/LONG... 35-58.8 N 114-44.9 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CLARK		NORTHING... 3983874.
GEOLOGIC PROVINCE..		EASTING.... 703010.
MAP REFERENCE..... KINGMAN 1:250000, BLACK CANYON 1:62500, RINGBOLT RAPIDS 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, TWO HOT SPRINGS IN A SIDE CANYON 1/4 MILE WEST OF COLORADO RIVER, AND A THIRD TO THE EAST-NORTHEAST ON THE ARIZONA SIDE OF THE RIVER.		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/01/15
 TEMPERATURE (C)..... 30.
 DISCHARGE..... 224.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 5600.
 TOTAL DISSOLVED SOLIDS... 2790.

ANALYSIS IN PPM

AG....	CO3..... N
AL....	CR.....
AU....	CU.....
B..... 1.4	F..... 3.9
BA....	FE+3.....
BE....	FE(TOT).. 0.01
CA.... 290.	HCO3..... 41.
CL.... 1000.	
CO....	K..... 17.

ISOTOPES (0/00)

MG... 4.8	SI02. 40.
NA... 680.	S04.. 730.
NA+K.	

OTHER ANALYTICAL DATA... CO2 = 0.8, SAR = 11.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... A

RECORD 00151

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074802

NAME OF SAMPLE SOURCE... BLACK CANYON AREA

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	23S 06SE 08 SE OF SE SW	LAT/LONG... 35-58.0 N 114-44.95 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CLARK		NORTHING... 3982393.
GEOLOGIC PROVINCE..		EASTING.... 702969.
MAP REFERENCE..... KINGMAN 1:250000, BLACKCANYON 1:62500, RINGBOLT RAPIDS 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES. HOT SPRING IS IN A SIDE CANYON 1/2 MILE WEST OF COLORADO RIVER.		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/01/15
 TEMPERATURE (C)..... 27.2
 DISCHARGE..... 45.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 5200.
 TOTAL DISSOLVED SOLIDS... 2790.

ANALYSIS IN PPM

AG....	CO3..... N
AL....	CR.....
	MG... 10.

ISOTOPES (0/00)

AU....		CU.....		MO...		SI02.	34.
B.....	1.2	F.....	0.01	NA...	650.	S04..	660.
BA....		FE+3....		NA+K.			
CA....	290.	HCO3....	48.				
CL....	1100.						
CO....		K.....	15.				

OTHER ANALYTICAL DATA... CO2 = 1.2, SAR = 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... A

RECORD 00152

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074840

NAME OF SAMPLE SOURCE... BLUE POINT SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 068E 07 NW OF NE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-23.6 N 114-25.7 W
 UTM ZONE... +11
 NORTHING... 4030447.
 EASTING.... 730650.

MAP REFERENCE..... LAS VEGAS 1:250000, OVERTON BEACH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES, LOCATION GIVEN AS NW/4 NE/4 SEC 7 AND SW/4 SE/4 SEC 6.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/00/00
 TEMPERATURE (C)..... 27.2
 DISCHARGE..... 400.

OTHER SAMPLE INFORMATION.. ISSUES FROM JUNCTION OF TWO FAULTS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00153

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074841

NAME OF SAMPLE SOURCE... BLUE POINT SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 068E 07 NW OF NE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-23.6 N 114-25.7 W
 UTM ZONE... +11
 NORTHING... 4030447.
 EASTING.... 730650.

MAP REFERENCE..... LAS VEGAS 1:250000, OVERTON BEACH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES, LOCATION GIVEN AS NW/4 NE/4 SEC 7 AND SW/4 SE/4 SEC 6.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/00/00
 TEMPERATURE (C)..... 27.8
 DISCHARGE..... 150.

OTHER SAMPLE INFORMATION.. ISSUES FROM JUNCTION OF TWO FAULTS.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 3300.

ANALYSIS IN PPM

AL....	CR.....	MG...	167.		
BA....	FE+3....	NA+K.	317.	S04..	1910.

ISOTOPES (0/00)

CA.... 472. HC03.... 122.

CL.... 355.

OTHER ANALYTICAL DATA... SAR = 3.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1968B

RECORD 00154

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074799

NAME OF SAMPLE SOURCE... BROWN'S SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 22S 054E 15 NE OF SE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, PAHRUMP 1:62500

COORDINATES
 LAT/LONG... 36-02.1 N 115-53.35 W
 UTM ZONE... +11
 NORTHING... 3988201.
 EASTING... 600077.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.9
 DISCHARGE..... 0.2

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 460.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HUGHES, J. L., 1966

RECORD 00155

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074857

NAME OF SAMPLE SOURCE... BRUNA BIASI WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 13S 070E 34 SW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, MESQUITE 1:62500

COORDINATES
 LAT/LONG... 36-45.6 N 114-09.65 W
 UTM ZONE... +11
 NORTHING... 4071806.
 EASTING... 753445.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/11/11
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 36.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 4900.
 TOTAL DISSOLVED SOLIDS... 3900.

ANALYSIS IN PPM

AL....	CR.....	MG...	169.		
BA....	FE+3....	NA+K.	631.	S04..	1510.
CA.... 310.	HC03.... 341.				
CL.... 701.					

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 7.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A., AND VAN DENBURGH, A. S, 1969

RECORD 00156

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074859

NAME OF SAMPLE SOURCE... BUNKERVILLE WATER USERS ASSOCIATION WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13S 070E 35 SW OF SW SE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-45.6 N 114-08.2 W
 UTM ZONE... +11
 NORTHING... 4071871.
 EASTING.... 755603.

MAP REFERENCE..... LAS VEGAS 1:250000, MESQUITE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/11/10
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 91.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 560.
 TOTAL DISSOLVED SOLIDS... 350.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.... CR..... MG... 28.
 BA.... FE+3..... NA+K. S04.. 72.
 CA.... 28.
 CL.... 22.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A., AND VAN DENBURGH, A. S, 1969

RECORD 00157

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074807

NAME OF SAMPLE SOURCE... CHRIS WILSON WELL (#28)
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21S 0 2E 30 SE OF SW NW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-05.9 N 115-05.7 W
 UTM ZONE... +11
 NORTHING... 3996334.
 EASTING.... 671494.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/06/26
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 139.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00158

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074508

NAME OF SAMPLE SOURCE... CITY OF NORTH LAS VEGAS WELL
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 20S 061E 22 SE OF SW SE LAT/LONG... 36-11.4 N 115-08.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 4006433.
 GEOLOGIC PROVINCE.. EASTING.... 667697.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 76.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B. AND JAMESON, C. H., 1946

RECORD 00159

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074862

NAME OF SAMPLE SOURCE... CLARENCE LEWIS WELL

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14S 065E 08 NW OF NE LAT/LONG... 36-44.2 N 114-44.05 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 4067852.
 GEOLOGIC PROVINCE.. EASTING.... 702318.

MAP REFERENCE..... LAS VEGAS 1:250000, MOAPA 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/00/00
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 18.
 DISCHARGE..... 360.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1964

RECORD 00160

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074795

NAME OF SAMPLE SOURCE... GLADSTONE CORPORATION WELL (#24)

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 22S 061E 10 NE OF SE NW LAT/LONG... 115-08.9 W
 STATE..... NEVADA
 COUNTY..... CLARK

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/09/18
 TEMPERATURE (C)..... Q 32.
 WELL DEPTH (M)..... 99.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 600.
 TOTAL DISSOLVED SOLIDS... 857.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	50.		
AU....	CU.....	MO...		SI02.	30.

BA.... FE+3.... NA+K. 15. S04.. 405.
 CA.... 155. HCO3.... 205.
 CL.... 35.
 QUALIFICATION FIELD..... FEB. 13, 1944 TEMPERATURE WAS 91 DEG F (33 DEG C).

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00161

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074820

NAME OF SAMPLE SOURCE... H. NICKERSON WELL (#22)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22S 061E 03 NE OF NE SW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-03.45 N 115-09.0 W
 UTM ZONE... +11
 NORTHING... 3991709.
 EASTING.... 666628.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1941/07/03
 TEMPERATURE (C)..... Q 29.
 WELL DEPTH (M)..... 120.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 863.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	44.		
AU....	CU.....	MO...		SI02.	21.
BA....	FE+3....	NA+K.	40.	S04..	453.
CA.... 150.	HCO3.... 171.				
CL.... 22.					

ISOTOPES (0/00)

QUALIFICATION FIELD..... SAME TEMPERATURE ON 15 JAN 44.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00162

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074814

NAME OF SAMPLE SOURCE... H.F. REED WELL (#18)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22S 061E 02 SW OF NW SW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-03.9 N 118-08.9 W
 UTM ZONE... +11
 NORTHING... 3991567.
 EASTING.... 396584.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/08/15
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 183.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00163

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074821

NAME OF SAMPLE SOURCE... H.H. HAIR WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22S 061E 03 NE OF SE NW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES
 LAT/LONG... 36-03.8 N 115-08.9 W
 UTM ZONE... +11
 NORTHING... 3992359.
 EASTING.... 666766.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/08/15
 TEMPERATURE (C)..... 27.8
 WELL DEPTH (M)..... 114.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00164

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074856

NAME OF SAMPLE SOURCE... HAFEN DAIRY WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13S 070E 13 SE OF SE SE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, MESQUITE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES
 LAT/LONG... 36-48.1 N 114-06.95 W
 UTM ZONE... +11
 NORTHING... 4076550.
 EASTING.... 757324.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/11/15
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 18.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 4000.
 TOTAL DISSOLVED SOLIDS... 3100.

ANALYSIS IN PPM

AL.....	CR.....	MG...	126.		
BA.....	FE+3....	NA+K.	522.	S04..	1320.
CA..... 244.	HCO3.... 209.				
CL..... 510.					

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 6.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A., AND VAN DENBURGH, A. S., 1969

RECORD 00165

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074813

NAME OF SAMPLE SOURCE... HENRY WICK WELL (#19)
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 22S 061E 02 SW OF SW SW LAT/LONG... 36-03.9 N 115-09.0 W
 COUNTY..... CLARK UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 3992541.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000 EASTING.... 666612.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/02/07
 TEMPERATURE (C)..... 28.9
 WELL DEPTH (M)..... 183.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. M., 1948

RECORD 00166

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074819

NAME OF SAMPLE SOURCE... HENRY WICK WELL (#23)
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 22S 061E 03 NE OF SE SE LAT/LONG... 36-03.5 N 115-07.95 W
 COUNTY..... CLARK UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 3991832.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000 EASTING.... 668203.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/06/15
 TEMPERATURE (C)..... Q 29.
 WELL DEPTH (M)..... 102.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1140.
 TOTAL DISSOLVED SOLIDS... 838.

ANALYSIS IN PPM

AG..... CO3..... 9.0
 AL..... CR..... MG... 53.
 BA..... FE+3..... NA+K. 0.7 S04.. 441.
 CA..... 158. HCO3..... 176.
 CL..... 0.5

QUALIFICATION FIELD..... SAME TEMPERATURE ON 11 FEB 46.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00167

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074827

NAME OF SAMPLE SOURCE... I.M. PINJUV WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 21S 061E 06 SW OF NE LAT/LONG... 36-09.2 N 115-11.75 W
 COUNTY..... CLARK UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4002262.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000 EASTING.... 662302.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1938/09/12
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 82.

OTHER SAMPLE INFORMATION.. FLOWING IN 1938.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LIVINGSTON, P., 1940

RECORD 00168

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074852

NAME OF SAMPLE SOURCE... INDIAN SPRING
 WARING NUMBER..... 151

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
 16S 056E 16

COORDINATES

LAT/LONG... 36-33.3 N 115-39.6 W
 UTM ZONE... +11
 NORTHING... 4046142.
 EASTING... 619925.

MAP REFERENCE..... LAS VEGAS 1:250000, INDIAN SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.6
 DISCHARGE..... 410.

OTHER SAMPLE INFORMATION.. WATER SUPPLY FOR RAILROAD AND FOR IRRIGATION.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00169

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074836

NAME OF SAMPLE SOURCE... INDIAN SPRINGS

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
 16S 054E 16 NW OF NW

COORDINATES

LAT/LONG... 36-33.7 N 115-39.3 W
 UTM ZONE... +11
 NORTHING... 4046888.
 EASTING... 620362.

MAP REFERENCE..... LAS VEGAS 1:250000, INDIAN SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/23
 TEMPERATURE (C)..... 26.1

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE.... 401.
 TOTAL DISSOLVED SOLIDS... 335.

ANALYSIS IN PPM

AG.....		CO3.....	N		
AL.....	0.04	CR.....		MG...	20.
AS.....		CS.....		MN...	N
AU.....		CU.....		MO...	
				SI02.	13.

ISOTOPES (0/00)

B..... 0.14 F..... 0.1 NA... 4.5
 BA..... FE+3..... NA+K. S04.. 16.
 BE..... FE(TOT). N
 CA..... 50. HC03..... 238. NO3.. 1.1
 CL..... 3.7
 CO..... K..... 1.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NAFF, R. L., 1973

RECORD 00170

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074826

NAME OF SAMPLE SOURCE... J.H. UмбаUGH WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 21S 061E 06 SW OF NE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-09.2 N 115-11.75 W
 UTM ZONE... +11
 NORTHING... 4002262.
 EASTING.... 662302.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1938/09/12
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 68.

OTHER SAMPLE INFORMATION.. FLOWING IN 1938.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LIVINGSTON, P., 1940

RECORD 00171

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074810

NAME OF SAMPLE SOURCE... J.K. HOUSSELS WELL (#11)

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 22S 061E 01 NW OF NW SW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-03.6 N 115-07.2 W
 UTM ZONE... +11
 NORTHING... 3992038.
 EASTING.... 669325.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 104.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00172

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074812

NAME OF SAMPLE SOURCE... J.K. HOUSSELS WELL (#9)

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 22S 061E 01 NW OF SW NW LAT/LONG... 36-04.0 N 115-06.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 3992789.
 GEOLOGIC PROVINCE.. EASTING.... 669911.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1943/12/05
 TEMPERATURE (C)..... Q 26.
 WELL DEPTH (M)..... Q 104.

QUALIFICATION FIELD..... OTHER DATA SAME LOCATION: DEPTH 225 FT - TEMP 79 DEG F, DEPTH 455 FT - TEMP 79 DEG F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00173

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074803

NAME OF SAMPLE SOURCE... J.R. BOND WELL (#3)

LOCATIONCOORDINATES

COUNTRY..... UNITED STATES 21S 062E 29 SW OF SW SW LAT/LONG... 36-05.3 N 115-04.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 3995258.
 GEOLOGIC PROVINCE.. EASTING.... 673166.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1942/07/13
 TEMPERATURE (C)..... 27.2
 WELL DEPTH (M)..... 123.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 715.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....	CO3..... T				
AL.....	CR.....	MG...	50.		
AU.....	CU.....	MO...		SI02..	25.
BA.....	FE+3....	NA+K..	29.	S04..	327.
CA..... 110.	HCO3..... 215.				
CL..... 20.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00174

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074825

NAME OF SAMPLE SOURCE... JAMES FILBEY WELL

LOCATIONCOORDINATES

COUNTRY..... UNITED STATES 20S 061E 32 NW OF SE LAT/LONG... 36-09.9 N 115-10.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 4003589.
 GEOLOGIC PROVINCE.. EASTING.... 664002.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1938/08/24
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 188.
 OTHER SAMPLE INFORMATION.. FLOWING IN 1938.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LIVINGSTON, P., 1940

RECORD 00175

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074808

NAME OF SAMPLE SOURCE... JOHN GRAHAM AND TIP ROWE WELL (#13)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22S 061E 01 NW OF SW SE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-03.55 N 115-06.15 W
 UTM ZONE... +11
 NORTHING... 3991976.
 EASTING.... 670903.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/04/09
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 154.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00176

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074811

NAME OF SAMPLE SOURCE... JOHN GRAHAM AND TIP ROWE WELL (#10)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22S 061E 01 SE OF NE SW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-03.7 N 115-06.6 W
 UTM ZONE... +11
 NORTHING... 3992241.
 EASTING.... 670222.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/04/09
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 154.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00177

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074793

NAME OF SAMPLE SOURCE... JOLLACKSON WELL (#1)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21S 061E 34 SW OF NW NE

COORDINATES
 LAT/LONG... 36-05.0 N 115-08.5 W

STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

UTM_ZONE... +11
 NORTHING... 3994589.
 EASTING.... 667324.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/01/06
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 75.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 332.

ANALYSIS IN PPMISOTOPES (0/00)

AL.....	CR.....	MG...	30.		
B.....	F.....	0.3			
BA.....	FE+3.....	NA+K.	11.	S04..	107.
CA..... 64.	HC03.....	223.	N03..	3.9	
CL..... 6.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00178

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074832

NAME OF SAMPLE SOURCE... JOLLACKSON WELL (#16)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES	21S 061E 34 SW OF NW NE	LAT/LONG... 36-05.0 N 115-08.5 W
STATE..... NEVADA		UTM_ZONE... +11
COUNTY..... CLARK		NORTHING... 3994589.
GEOLOGIC PROVINCE..		EASTING.... 667324.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/04/12
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 75.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 564.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00179

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074818

NAME OF SAMPLE SOURCE... L.H. IRVIN WELL (#14)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES	22S 061E 02 NE OF NW NE	LAT/LONG... 36-04.05 N 115-07.45 W
STATE..... NEVADA		UTM_ZONE... +11
COUNTY..... CLARK		NORTHING... 3992863.
GEOLOGIC PROVINCE..		EASTING.... 668934.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/10/17
TEMPERATURE (C)..... 24.4
WELL DEPTH (M)..... 61.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1090.
TOTAL DISSOLVED SOLIDS... 775.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... N
AL..... CR..... MG... 57.
BA..... FE+3..... NA+K. 2.3 S04.. 353.
CA..... 134. HCO3..... 198.
CL..... 30.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00180

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074824

NAME OF SAMPLE SOURCE... LAS VEGAS SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 20S 061E 31 NE OF NE
STATE..... NEVADA
COUNTY..... CLARK
GEOLOGIC PROVINCE..

LAT/LONG... 36-10.4 N 115-10.8 W
UTM ZONE... +11
NORTHING... 4004508.
EASTING.... 663685.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS SE/4 SE/4 SEC 30 AND NE/4 NE/4 SEC 31

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/00/00
TEMPERATURE (C)..... 22.8
DISCHARGE..... N

OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS ALONG FAULT DISPLACING BASIN ALLUVIUM. SPRINGS ARE ESSENTIALLY DRY DUE TO INTENSE GROUNDWATER DEVELOPMENT.

QUALIFICATION FIELD..... ORIGINALLY FLOWED 2567 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00181

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001025

NAME OF SAMPLE SOURCE... LAS VEGAS SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... CLARK
OTHER LOCALITY INFORMATION: 2 MILES W. OF LAS VEGAS

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/00/00 CARPENTER, E.
TEMPERATURE (C)..... 41.0
DISCHARGE..... 9842. L/MIN

PERTINENT LITHOLOGY..... RECENTLY DEFORMED PLEISTOCENE SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.
 ALKALINITY..... 234. AS CAC03
 TOTAL DISSOLVED SOLIDS... 267.

ANALYSIS IN PPM ISOTOPES (0/00)
 AG.... CO3..... N
 AL.... CR..... MG... 23.
 AU.... CU..... MO... SI02. 13.
 BA.... FE+3..... NA+K. S04.. 43.
 BE.... FE(TOT). T
 CA.... 56. HCO3.... 239. NO3.. 6.
 CL.... 2.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... CARPENTER, E., USGS WATER SUPPLY PAPER 365, P. 30, 1915.

RECORD 00182

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074510

NAME OF SAMPLE SOURCE... LAS VEGAS SPRINGS (JOE BROWN WELL)
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 20S 061E 31 SW OF NE SE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-10.4 N 115-11.25 W
 UTM ZONE... +11
 NORTHING... 4004495.
 EASTING... 663010.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/05/16
 TEMPERATURE (C)..... 26.1
 DISCHARGE..... Q 6435.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 447.
 TOTAL DISSOLVED SOLIDS... 266.

ANALYSIS IN PPM ISOTOPES (0/00)
 AG.... CO3..... N
 AL.... CR..... MG... 25.
 AS.... CS..... MN... N
 AU.... CU..... MO... SI02. 14.
 B.... F..... 0.2 NA... 8.1
 BA.... FE+3..... NA+K. S04.. 51.
 BE.... FE(TOT). 0.05
 CA.... 48. HCO3.... 222. NO3.. 1.0
 CL.... 6.5
 CO.... K..... 3.6

QUALIFICATION FIELD..... FLOW GIVEN IS A MAXIMUM, LISTED AS 950-1700 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SCOTT, R. C. AND BARKER, F. B., 1962

RECORD 00183

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074511

NAME OF SAMPLE SOURCE... LAS VEGAS SPRINGS (JOE BROWN WELL)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 20S 061E 31 SW OF NE SE COORDINATES
 STATE..... NEVADA LAT/LONG... 36-10.4 N 115-11.25 W
 COUNTY..... CLARK UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4004495.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000 EASTING.... 663010.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1912/09/23
 TEMPERATURE (C)..... 22.8
 OTHER SAMPLE INFORMATION.. WATER WAS USED LOCALLY FOR IRRIGATION BEFORE SPRINGS WENT DRY.

WATER ANALYSIS
 TOTAL DISSOLVED SOLIDS... 267. ISOTOPES (0/00)
ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... CR..... MG... 23.
 B.... F..... NA... 11.
 BA.... FE+3..... NA+K. S04.. 43.
 BE.... FE(TOT). T
 CA.... 56. HC03.... 239. NO3.. 6.
 CL.... 13.
 CO.... K..... 6.

REFERENCE AND IDENTIFICATION
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CARPENTER, E. B., 1915

RECORD 00184

 GEOTHERM FILE ID: 0074823

GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... LAS VEGAS SPRINGS (JOE BROWN WELL)
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 20S 061E 31 SW OF NE SE COORDINATES
 STATE..... NEVADA LAT/LONG... 36-10.4 N 115-11.25 W
 COUNTY..... CLARK UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4004495.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000 EASTING.... 663010.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1952/05/16
 TEMPERATURE (C)..... 26.1
 DISCHARGE..... Q 6435.

WATER ANALYSIS
 PH..... 7.8
 SPECIFIC CONDUCTANCE.... 452.
 TOTAL DISSOLVED SOLIDS... 260. ISOTOPES (0/00)
ANALYSIS IN PPM(U IN MG/L)
 AG.... CO3..... N
 AL.... N CR..... MG... 25.
 AS.... CS..... MN... N
 AU.... CU..... MO... SI02. 13.
 B.... F..... 0.3 NA... 8.0
 BA.... FE+3..... NA+K. S04.. 52.
 BE.... FE(TOT). 0.03
 CA.... 50. HC03.... 229. NO3.. 1.5 U.... 0.002
 CL.... 3.8
 CO.... K..... 3.5

OTHER ANALYTICAL DATA... RA = 0.0003 MG/L.
 QUALIFICATION FIELD... FLOW LISTED IS A MAXIMUM, GIVEN AS 950-1750 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SCOTT, R. C., AND BARKER, F. B., 1962

RECORD 00185

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074070

NAME OF SAMPLE SOURCE... LAS VEGAS VALLEY

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 22S 61E 21 NW OF NW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000

COORDINATES

LAT/LONG... 36-01.8 N 115-10.0 W
 UTM ZONE... +11
 NORTHING... 3988630.
 EASTING... 665184.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.1
 WELL DEPTH (M)..... 140.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MALMBERG, G.T. (1965) AVAILABLE WATER SUPPLY OF THE LAS VEGAS GROUND-WATER BASIN, NEV. USGS
 WATER-SUPPLY PAPER 1780

RECORD 00186

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074074

NAME OF SAMPLE SOURCE... LAS VEGAS VALLEY

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 22S 61E 16 SW OF NW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000

COORDINATES

LAT/LONG... 36-02.2 N 115-09.8 W
 UTM ZONE... +11
 NORTHING... 3989375.
 EASTING... 665470.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.1
 WELL DEPTH (M)..... 61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MALMBERG, G.T. (1965) AVAILABLE WATER SUPPLY OF THE LAS VEGAS GROUND-WATER BASIN, NEV. USGS
 WATER-SUPPLY PAPER 1780

RECORD 00187

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074505

NAME OF SAMPLE SOURCE... LAS VEGAS VALLEY

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 19S 02E 36
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, DRY LAKE 1:62500

COORDINATES

LAT/LONG... 36-15.6 N 114-59.5 W
 UTM ZONE... +11
 NORTHING... 4014456.
 EASTING... 680426.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... Q 28.9

QUALIFICATION FIELD..... TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 80-84 F.

REFERENCE AND IDENTification

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... GODWIN, L. H. AND JOHNSON, E., 1967; REV. JULY, 1976

RECORD 00188

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074506

NAME OF SAMPLE SOURCE... LAS VEGAS VALLEY, KYLE SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 20S 061E 15 SW OF SE

LAT/LONG... 36-11.8 N 115-08.35 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... CLARK

NORTHING... 4007166.

GEOLOGIC PROVINCE..

EASTING.... 667308.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/09/16

TEMPERATURE (C)..... 23.9

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 258.

ANALYSIS IN PPMISOTOPES (0/00)

AL.....	CR.....	MG...	27.		
AU.....	CU.....	MO...		SI02.	8.
BA.....	FE+3....	NA+K.	26.	S04..	33.
BE.....	FE(TOT)..		0.01		
CA..... 53.	HCO3....	N03..	2.		
CL..... 55.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... MAXEY, G. B. AND JAMESON, C. H., 1946

RECORD 00189

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074816

NAME OF SAMPLE SOURCE... LAWRENCE WARDEN WELL (#16)

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 22S 061E 02 SE OF NW NE

LAT/LONG... 36-04.05 N 115-07.45 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... CLARK

NORTHING... 3992863.

GEOLOGIC PROVINCE..

EASTING.... 668934.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/04/09

TEMPERATURE (C)..... 25.

WELL DEPTH (M)..... 88.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00190

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074815

NAME OF SAMPLE SOURCE... M.M. SWEENEY WELL (#17)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... CLARK
GEOLOGIC PROVINCE..

LAT/LONG... 36-04.0 N 115-07.9 W
UTM ZONE... +11
NORTHING... 3992758.
EASTING.... 668260.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/04/13
TEMPERATURE (C)..... 23.9
WELL DEPTH (M)..... 107.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00191

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074860

NAME OF SAMPLE SOURCE... MESQUITE FARMSTEAD WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... CLARK
GEOLOGIC PROVINCE..

LAT/LONG... 36-47.25 N 114-05.3 W
UTM ZONE... +11
NORTHING... 4075052.
EASTING.... 759826.

MAP REFERENCE..... LAS VEGAS 1:250000, MESQUITE 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/00/00
TEMPERATURE (C)..... 22.8
WELL DEPTH (M)..... 64.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 568.
TOTAL DISSOLVED SOLIDS... 369.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG...	19.		
AU....	CU.....	MO...		SI02.	32.
BA....	FE+3....	NA+K.	55.	S04..	109.
CA.... 37.	HCO3.... 141.	N03..	8.8		
CL.... 38.					

OTHER ANALYTICAL DATA... SAR = 1.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... GLANCY, P. A., AND VAN DENBURGH, A. S., 1969

RECORD 00192

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074861

NAME OF SAMPLE SOURCE... MESQUITE FARMSTEAD WATER ASSOCIATION WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13S 071E 29 NE OF NW NW LAT/LONG... 36-46.97 N 114-05.4 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 4074530.
 GEOLOGIC PROVINCE.. EASTING.... 759693.

MAP REFERENCE..... LAS VEGAS 1:250000, MESQUITE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/01/14
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 69.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 486.
 TOTAL DISSOLVED SOLIDS... 300.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG...	15.		
AU....	CU.....	MO...		SI02.	35.
BA....	FE+3...	NA+K.		S04..	73.
CA.... 36.	HCO3.... 148.	NO3..	9.3		

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A., AND VAN DENBURGH, A. S, 1969

RECORD 00193

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074868

NAME OF SAMPLE SOURCE... MOAPA (IVERSON'S) WARM SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14S 065E 21 NW OF NE NE LAT/LONG... 36-42.6 N 114-42.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 4064937.
 GEOLOGIC PROVINCE.. EASTING.... 704249.

MAP REFERENCE..... LAS VEGAS 1:250000, MOAPA 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... Q 32.
 DISCHARGE..... Q

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 617.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	26.		
AU....	CU.....	MO...		SI02.	42.
BA....	FE+3...	NA+K.	75.	S04..	184.
CA.... 98.	HCO3.... 281.				
CL.... 66.					

OTHER ANALYTICAL DATA... FE + AL = TRACE.
 QUALIFICATION FIELD..... SECOND REFERENCE GIVES A TEMPERATURE OF 90 DEG F AND A FLOW OF 1696 GPM(1966).

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... ADAMS, W. B., 1944, AND MIFFLIN, M. D., 1968

RECORD 00194

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074869

NAME OF SAMPLE SOURCE... MOAPA (IVERSON'S) WARM SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	14S 06SE 21 NW OF NE NE	LAT/LONG... 36-42.6 N 114-42.8 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CLARK		NORTHING... 4064937.
GEOLOGIC PROVINCE..		EASTING.... 704249.
MAP REFERENCE..... LAS VEGAS 1:250000, MOAPA 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/09/12
 TEMPERATURE (C)..... 32.2
 DISCHARGE..... 1020.
 PERTINENT LITHOLOGY..... IN ALLUVIUM.
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS, WATER USED FOR BATHING AND IRRIGATION.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 964.
 TOTAL DISSOLVED SOLIDS... 620.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	26.		
AU.....	CU.....	MO...		SI02.	29.
B..... 0.3	F..... 2.3	NA...	101.		
BA.....	FE+3.....	NA+K.		S04..	179.
CA..... 70.	HCO3..... 274.	NO3..	2.2		
CL..... 64.					
CO.....	K..... 11.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 2.62, RSC = 0.00

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1964

RECORD 00195

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074867

NAME OF SAMPLE SOURCE... MOAPA AREA

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	14S 06SE 16 NE OF NE	LAT/LONG... 36-43.4 N 114-42.97 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CLARK		NORTHING... 4066411.
GEOLOGIC PROVINCE..		EASTING.... 703961.
MAP REFERENCE..... LAS VEGAS 1:250000, MOAPA 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/00/00
 TEMPERATURE (C)..... Q 32.

WATER ANALYSIS

PH..... Q 7.7

ANALYSIS IN PPM

AL.....	CR.....	MG...	Q 28.		
BA.....	FE+3.....	NA+K.		S04..	Q 187.
CA..... Q 66.	HCO3..... Q 266.				
CL..... Q 68.					

ISOTOPES (0/00)

QUALIFICATION FIELD..... DATA ARE AVERAGES OF 4 ANALYSES.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00196

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074865

NAME OF SAMPLE SOURCE... MUDDY RIVER SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 14S 06SE 16 NE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-43.35 N 114-43.00 W
 UTM ZONE... +11
 NORTHING... 4066317.
 EASTING.... 703918.

MAP REFERENCE..... LAS VEGAS 1:250000, MOAPA 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/04/15
 TEMPERATURE (C)..... 32.
 DISCHARGE..... 3240.
 DEPOSITS OR ALTERATION... SPRING IN ALLUVIUM.
 OTHER SAMPLE INFORMATION.. LARGEST THERMAL SPRING IN NEVADA. AGE (DEL C14) IS 19500 YRS B.P.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 985.
 TOTAL DISSOLVED SOLIDS... 614.

ANALYSIS IN PPM

ISOTOPE (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	28.	
AU.....	CU.....		MO...		SI02. 31.
B..... 0.3	F..... 2.4		NA...	99.	
BA.....	FE+3.....		NA+K.		S04.. 174.
BE.....	FE(TOT)..		NB...		SR...
CA..... 65.	HCO3..... 288.		N03..	2.3	
CL..... 60.					
CO.....	K..... 10.				

TRITIUM (T.U.)..... L 4.

OTHER ANALYTICAL DATA... SAR = 2.57, DEL C14= 912.(+/- 13).

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1964, AND MIFFLIN, M. D., 1968

RECORD 00197

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074798

NAME OF SAMPLE SOURCE... NAT'L PARK SERVICE, CALLVILLE BAY CAMPGROUND WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21S 06SE 09 NW OF SE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-07.95 N 114-43.2 W
 UTM ZONE... +11
 NORTHING... 4000852.
 EASTING.... 705168.

MAP REFERENCE..... LAS VEGAS 1:250000, HOOVER DAM 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/10/12
 TEMPERATURE (C)..... 28.9
 WELL DEPTH (M)..... 61.

WATER ANALYSIS

PH..... 7.0
 TOTAL DISSOLVED SOLIDS... 3720.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG...	113.		
AU....	CU.....	MO...		SI02.	38.
B.....	F.....		1.5		
BA....	FE+3....	NA+K.	828.	S04..	1200.
BE....	FE(TOT). N				
CA....	HC03....		98.		
CL....					

OTHER ANALYTICAL DATA... SALT WATER. SAR = 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1968B

RECORD 00198

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074817

NAME OF SAMPLE SOURCE... NATE MACK WELL (#15)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	22S 061E	02 NE OF NW NE	LAT/LONG...	36-04.05 N 115-07.45 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	CLARK			NORTHING...	3992863.
GEOLOGIC PROVINCE..				EASTING....	668934.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/04/13
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00199

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074782

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	32S 066E	24 NW	LAT/LONG...	35-08.9 N 114-34.97 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	CLARK			NORTHING...	3891970.
GEOLOGIC PROVINCE..				EASTING....	720199.

MAP REFERENCE..... KINGMAN AMS, DAVIS DAM 1:62500, DAVIS DAM 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/01/19
 TEMPERATURE (C)..... 27.2
 WELL DEPTH (M)..... 152.

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG...	22.
B.....	F.....		0.6

BA..... FE+3..... NA+K. 81. S04.. 171.
 BE..... FE(TOT). 0.16
 CA..... 75. HCO3..... 162. NO3.. 7.
 CL..... 100.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00200

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074784

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 30S 03E 09
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 35-21.0 N 114-57.05 W
 UTM ZONE... +11
 NORTHING... 3913586.
 EASTING.... 686208.

MAP REFERENCE..... KINGMAN 1:250000, SEARCHLIGHT 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GODWIN, L. H., AND JOHNSON, E., 1967 - REV. JULY 1976

RECORD 00201

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074785

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 25S 06E 13 NW OF NW NW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 35-46.7 N 115-13.35 W
 UTM ZONE... +11
 NORTHING... 3960620.
 EASTING.... 660661.

MAP REFERENCE..... KINGMAN 1:250000, SLOAN 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/07/01

TEMPERATURE (C)..... 27.2

WELL DEPTH (M)..... 122.

WATER ANALYSIS

PH..... 7.9
 TOTAL DISSOLVED SOLIDS... 1538.

ANALYSIS IN PPM

AL..... CR..... MG... 94.
 BA..... FE+3..... NA+K. 288. S04.. 85.
 BE..... FE(TOT). 0.22
 CA..... 110. HCO3..... 98.
 CL..... 790.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00202

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074786

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 24S 04E 29 LAT/LONG... 35-49.9 N 114-57.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 3966993.
 GEOLOGIC PROVINCE.. EASTING... 683966.
 MAP REFERENCE..... KINGMAN 1:250000, BOULDER CITY 1:62500, BOULDER CITY SW 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GODWIN, L. H., AND JOHNSON, E., 1967

RECORD 00203

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074834

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 16S 05E 14 NW OF NW LAT/LONG... 36-33.7 N 115-37.9 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 4046918.
 GEOLOGIC PROVINCE.. EASTING... 622451.
 MAP REFERENCE..... LAS VEGAS 1:250000, INDIAN SPRINGS 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/23

TEMPERATURE (C)..... 26.1

WATER ANALYSIS

PH..... 7.3
 TOTAL DISSOLVED SOLIDS... 223.

ANALYSIS IN PPM

		<u>ISOTOPES (0/00)</u>	
AL....	CR.....	MG...	20.
B.....	F.....		0.1
BA....	FE+3....	NA+K.	S04.. 16.
CA.... 50.	HC03....	NO3..	1.1
CL.... 3.7			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00204

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074835

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 16S 05E 16 NW OF NW LAT/LONG... 36-33.7 N 115-39.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 4046888.
 GEOLOGIC PROVINCE.. EASTING... 620362.

MAP REFERENCE..... LAS VEGAS 1:250000, INDIAN SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/12/15
 TEMPERATURE (C)..... 26.1
 DISCHARGE..... Q 1552.
 PERTINENT LITHOLOGY..... ISSUES FROM ALLUVIUM.
 OTHER SAMPLE INFORMATION.. WATER SUPPLY FOR RAILROAD, ALSO USED FOR IRRIGATION.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 330.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	15.		
AU....	CU.....	MO...		SI02.	17.
B.....	F.....	NA...	21.		
BA....	FE+3....	NA+K.		S04..	28.
BE....	FE(TOT)..		0.16		
CA....	HCO3....	N03..	N		
CL....					
CO....	K.....		9.7		

QUALIFICATION FIELD..... SECOND REFERENCE GIVES DISCHARGE AS 324 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CARPENTER, E. B., 1915, AND HARDMAN, G., AND MILLER, M., 1934

RECORD 00205

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074837

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	16S 054E	16 NW OF NW	LAT/LONG...	36-33.7 N 115-39.3 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	CLARK			NORTHING...	4046888.
GEOLOGIC PROVINCE..				EASTING....	620362.

MAP REFERENCE..... LAS VEGAS 1:250000, INDIAN SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1927/08/05
 TEMPERATURE (C)..... 26.1
 DISCHARGE..... 408.
 PERTINENT LITHOLOGY..... ISSUES FROM ALLUVIUM.

WATER ANALYSIS

ANALYSIS IN EPM

ISOTOPES (0/00)

BA....	FE+3....	NA+K.	1.4
CA+MG.	5.9		

OTHER ANALYTICAL DATA... CL + S04 = 1.73 EPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00206

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074839

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 067E 01 SW OF SE COORDINATES
 STATE..... NEVADA LAT/LONG... 35-33.98 N 114-26.65 W
 COUNTY..... CLARK UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 3938657.
 MAP REFERENCE..... LAS VEGAS 1:250000, OVERTON 1:62500 EASTING.... 731636.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/10/12
 TEMPERATURE (C)..... 21.1

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2420.
 TOTAL DISSOLVED SOLIDS... 1720.

ANALYSIS IN PPM

AL.....	CR.....	MG...	104.		
AU.....	CU.....	MO...		SI02..	54.
BA.....	FE+3....	NA+K..	256.	S04..	805.
CA..... 153.	HC03.... 338.	NO3..	5.4		
CL..... 175.					

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 3.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1968B

RECORD 00207

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074858

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13S 070E 35 SW OF SW COORDINATES
 STATE..... NEVADA LAT/LONG... 36-45.6 N 114-08.7 W
 COUNTY..... CLARK UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4071848.
 MAP REFERENCE..... LAS VEGAS 1:250000, MESQUITE 1:62500 EASTING.... 754859.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/11/10
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 91.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 730.
 TOTAL DISSOLVED SOLIDS... 460.

ANALYSIS IN PPM

AL.....	CR.....	MG...	29.		
BA.....	FE+3....	NA+K..		S04..	128.
CA..... 38.					
CL..... 42.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A., AND VAN DENBURGH, A. S., 1969

RECORD 00208

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074864

NAME OF SAMPLE SOURCE... NONE GIVEN
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 14S 06SE 15 SW OF SW SW LAT/LONG... 36-42.8 N 114-42.4 W
 COUNTY..... CLARK UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4065321.
 MAP REFERENCE..... LAS VEGAS 1:250000, MOAPA 1:62500 EASTING.... 704836.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/06/25
 TEMPERATURE (C)..... 32.2

WATER ANALYSIS

PH..... 7.7

ANALYSIS IN PPM

AL....	CR.....	MG... 27.			
BA....	FE+3....	NA+K.	S04..	186.	
CA.... 65.	HCO3.... 265.				
CL.... 64.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00209

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074872

NAME OF SAMPLE SOURCE... NONE GIVEN
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 16S 054E 01 LAT/LONG... 36-35.6 N 115-51.2 W
 COUNTY..... CLARK UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4050171.
 MAP REFERENCE..... LAS VEGAS 1:250000, MERCURY SE 1:24000 EASTING.... 602571.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/02/23
 TEMPERATURE (C)..... 27.2

WATER ANALYSIS

PH..... 7.7
 TOTAL DISSOLVED SOLIDS... 177.

ANALYSIS IN PPM

AL....	CR.....	MG... 18.			
BA....	FE+3....	NA+K.	S04..	15.	
CA.... 37.	HCO3.... 194.	NO3.. 2.1			
CD....	H2S.....	P04.. 0.06			
CL.... 6.7					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00210

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074507

NAME OF SAMPLE SOURCE... NORTH LAS VEGAS AIRPORT WELL
LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 20S 061E 18 LAT/LONG... 36-12.5 N 115-11.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 4008365.
 GEOLOGIC PROVINCE.. EASTING.... 662263.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/11/20
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 152.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... USGS, UNPUBLISHED DATA

RECORD 00211

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074866

NAME OF SAMPLE SOURCE... PETERSON (PEDERSON) SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 14S 065E 16 NW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-43.3 N 114-43.6 W
 UTM ZONE... +11
 NORTHING... 4066203.
 EASTING.... 703027.

MAP REFERENCE..... LAS VEGAS 1:250000, MOAPA 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/01/19
 TEMPERATURE (C)..... 32.
 PERTINENT LITHOLOGY..... ASSOCIATED ROCKS ARE PALEOZOIC LIMESTONE.
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS. WATER USED FOR BATHING AND IRRIGATION.

WATER ANALYSIS

PH..... 7.92
 SPECIFIC CONDUCTANCE..... 1012.
 TOTAL DISSOLVED SOLIDS... 854.

ANALYSIS IN PPM

AG.... L 0.02	CO3..... N	LI... 0.17	SB... L 0.1
AL....	CR..... L 0.02	MG... 26.	
AS.... 0.002	CS..... 1.0	MN... 0.1	SE... L 0.001
AU....	CU..... L 0.02	MO... 107.	SI02. 245.
B.....	F..... 2.1	NA... 107.	SN... L 0.05
BA.... 0.1			
BE.... L 0.005	FE(TOT). 0.01	NB... 0.2	SR... 0.774
BI.... L 0.1	GA.....	NH4.. 0.02	
BR....	GE.....	NI... 0.02	
CA.... 75.	HCO3.... 284.		
CA+MG.	HG..... L 0.5	PB... L 0.02	
CD.... 0.005	H2S.....	P04.. 0.2	
CL.... 59.	I.....	RB... 0.054	ZN... 0.82
CO....	K..... 8.8		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J. W., AND MILES, M. J., 1974

RECORD 00212

GEO THERM FILE ID: 0074502

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RODGERS SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18S 067E 12 SE OF SE	LAT/LONG... 36-22.6 N 114-26.6 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CLARK		NORTHING... 4028562.
GEOLOGIC PROVINCE..		EASTING.... 729354.
MAP REFERENCE..... LAS VEGAS AMS, OVERTON BEACH 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/00/00
 TEMPERATURE (C)..... 27.2
 DISCHARGE..... 880.
 OTHER SAMPLE INFORMATION.. DEL C14 INDICATES GT 21000 YRS. B.P.

WATER ANALYSIS

<u>ANALYSIS IN EPM</u>	<u>ISOTOPES (0/00)</u>
BA.... FE+3.... NA+K. 13.	TRITIUM (T.U.)..... L 5.
BE.... FE(TOT). NB.... SR....	C(14) CONTENT OF CO2. G 927.
BI.... GA..... NH4... TA....	
CA+MG. 35.	

OTHER ANALYTICAL DATA... CL + SO4 = 43. EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00213

GEO THERM FILE ID: 0074503

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... RODGERS SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18S 067E 12	LAT/LONG... 36-22.6 N 114-26.6 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... CLARK		NORTHING... 4028562.
GEOLOGIC PROVINCE..		EASTING.... 729354.
MAP REFERENCE..... LAS VEGAS AMS, OVERTON BEACH 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/09/28
 TEMPERATURE (C)..... 27.2
 DISCHARGE..... 900.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 3266.	<u>ISOTOPES (0/00)</u>
<u>ANALYSIS IN PPM</u>	
AG.... CO3..... N	
AL.... CR..... MG... 151.	
AU.... CU..... MO... 24.	
B.... F..... NA... 220.	
BA.... FE+3.... NA+K. S04.. 1638.	
CA.... 428. HCO3.... 159.	
CL.... 331.	

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARDMAN, G. AND MILLER, M., 1934

RECORD 00214

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074842

NAME OF SAMPLE SOURCE... RODGERS SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 067E 13 NE OF NE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, OVERTON BEACH 1:62500

COORDINATES

LAT/LONG... 36-22.6 N 114-26.6 W
 UTM ZONE... +11
 NORTHING... 4028562.
 EASTING... 729354.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/04
 TEMPERATURE (C)..... 30.
 OTHER SAMPLE INFORMATION.. PUBLIC BATHING, PICNIC AREA.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 3960.
 TOTAL DISSOLVED SOLIDS... 3040.

ANALYSIS IN PPM

AG.... L 0.02	CO3..... N	LI... 0.67	SB... L 0.1
AL....	CR..... L 0.02	MG... 128.	
AS.... 0.0015	CS..... 1.6	MN... 0.01	SE... L 0.001
AU....	CU..... L 0.02	MO... 284.	SI02. 18.
B....	F..... 1.5	NA... 284.	SN... L 0.05
BA....	FE+3....	NA+K.	S04.. 1747.
BE.... L 0.005	FE(TOT). L 0.02	NB... 4.9	SR... 4.9
BI.... L 0.1	GA.....	NH4.. L 0.2	
BR....	GE.....	NI... 0.02	
CA.... 430.	HCO3.... 170.	NO3.. 1.3	
CA+MG.	HG..... 0.0005	PB... 0.07	
CD.... 0.007	H2S.....	PO4.. 0.1	
CL.... 328.	I.....	RB... 0.138	ZN... 0.02
CO....	K..... 18.		

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J. W., AND MILES, M. J., 1974

RECORD 00215

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074794

NAME OF SAMPLE SOURCE... ROY WOOD MARTIN ESTATE WELL (NO. 2)
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21S 061E 35 NW OF SW SW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES

LAT/LONG... 36-04.5 N 115-07.9 W
 UTM ZONE... +11
 NORTHING... 3993682.
 EASTING... 668242.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/04/28
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 91.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00216

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074838

NAME OF SAMPLE SOURCE... SPRINGS (VIRGIN RIVER NARROWS)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 069E 06
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 26-29.15 N 114-19.4 W
 UTM ZONE... +11
 NORTHING... 2932105.
 EASTING... 766827.

MAP REFERENCE..... LAS VEGAS 1:250000, OVERTON BEACH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES, SECTION GIVEN AS 6(?). SPRINGS IN THE NARROWS OF THE VIRGIN RIVER.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1932/08/19
 TEMPERATURE (C)..... Q 24.
 DISCHARGE..... 270.
 OTHER SAMPLE INFORMATION.. LARGE NUMBER OF SPRINGS.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 3249.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	128.		
AU....	CU.....	MO...		SI02.	16.
B....	F.....	NA...	317.		
BA....	FE+3....	NA+K.		S04..	1283.
CA.... 441.	HCO3.... 509.				
CL.... 401.					

QUALIFICATION FIELD..... SPRINGS HAVE FAIRLY UNIFORM TEMPERATURES VARYING FROM 75-85 DEG F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARDMAN, G. AND MILLER, M., 1934

RECORD 00217

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074796

NAME OF SAMPLE SOURCE... T.A. WELLS WELL (#25)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22S 062E 01 SW OF NW SW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-03.6 N 115-00.5 W
 UTM ZONE... +11
 NORTHING... 3992238.
 EASTING... 679384.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/03/27
 TEMPERATURE (C)..... 32.8
 WELL DEPTH (M)..... 346.
 PERTINENT LITHOLOGY..... DRILLER REPORTED "SHALE" FROM 670 FT TO TOTAL DEPTH.
 OTHER SAMPLE INFORMATION.. FLOW OF WATER FROM ABOVE 670 FT. CHEMICAL DATA TAKEN 15 MAR 45.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2480.
 TOTAL DISSOLVED SOLIDS... 1785.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... N
 AL..... CR..... MG... 20.
 BA..... FE+3..... NA+K. 436. S04.. 1027.
 CA..... 106. HCO3..... 84.
 CL..... 112.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00218

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074822

NAME OF SAMPLE SOURCE... T.P. AND G.G. WATER WELL (#20)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 22S 061E 03 NW OF SE NE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

LAT/LONG... 36-03.5 N 115-07.95 W
 UTM ZONE... +11
 NORTHING... 3991832.
 EASTING.... 668203.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/02/11
 TEMPERATURE (C)..... 28.9
 WELL DEPTH (M)..... 172.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00219

 GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074871

NAME OF SAMPLE SOURCE... TEST WELL 10

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16S 054E 01 NE OF NE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

LAT/LONG... 36-35.6 N 115-51.2 W
 UTM ZONE... +11
 NORTHING... 4050171.
 EASTING.... 602571.

MAP REFERENCE..... LAS VEGAS 1:250000, MERCURY SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/06/28
 TEMPERATURE (C)..... 27.2

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 350.
 TOTAL DISSOLVED SOLIDS... 288.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... N
 AL..... 0.12 CR..... MG... 17.
 AS..... CS..... MN... N
 AU..... CU..... MO... SI02. 15.

B..... 0.08 F..... 0.2 NA... 7.6
 BA..... FE+3..... NA+K. S04.. 14.
 BE..... FE(TOT) N
 CA..... 41. HCO3..... 200. NO3.. 1.6
 CD..... H2S..... PO4.. N
 CL..... 5.3
 CO..... K..... 1.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NAFF, R. L., 1973

RECORD 00220

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074509

NAME OF SAMPLE SOURCE... TONY BRUNO WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 20S 061E 23 SW OF NW SW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-11.4 N 115-07.6 W
 UTM ZONE... +11
 NORTHING... 4006448.
 EASTING... 668446.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B. AND JAMESON, C. H., 1946

RECORD 00221

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074804

NAME OF SAMPLE SOURCE... U.G. CAMPBELL WELL (#4)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21S 062E 30 NW OF NW SE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-05.5 N 115-05.2 W
 UTM ZONE... +11
 NORTHING... 3995610.
 EASTING... 672258.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1942/08/04
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 119.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 602.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG... 42.			
AU.....	CU.....	MO... 12.	SI02..		
BA.....	FE+3.....	NA+K. 18.	S04..	315.	
CA..... 110.	HCO3..... 160.				
CL..... 20.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00222

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074805

NAME OF SAMPLE SOURCE... U.G. CAMPBELL WELL (#4)
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 21S 02E 30 NW OF NW SE LAT/LONG... 36-05.5 N 115-05.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 3995610.
 GEOLOGIC PROVINCE.. EASTING.... 672258.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/08/24
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 119.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00223

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074806

NAME OF SAMPLE SOURCE... U.G. CAMPBELL WELL (#5)
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 21S 06E 30 NW OF NW SE LAT/LONG... 36-05.5 N 115-05.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 3995610.
 GEOLOGIC PROVINCE.. EASTING.... 672258.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/08/24
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 123.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00224

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074783

NAME OF SAMPLE SOURCE... U.S. BUR. OF LAND MANAGEMENT - TENMILE WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 31S 06E 09 NW LAT/LONG... 35-15.85 N 114-44.5 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... CLARK NORTHING... 3904479.
 GEOLOGIC PROVINCE.. EASTING.... 705435.
 MAP REFERENCE..... KINGMAN AMS, SPIRIT MTN 1:62500, SPIRIT MTN 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/04/29
TEMPERATURE (C)..... 31.1
WELL DEPTH (M)..... 252.

WATER ANALYSIS

PH..... 8.5
SPECIFIC CONDUCTANCE..... 334.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... 5.
AL..... CR..... MG... 0.9
BA..... FE+3..... NA+K. 67. S04.. 24.
CA..... 3.8 HCO3..... 114.
CL..... 22.

OTHER ANALYTICAL DATA... RSC = 1.78

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... RUSH, F. E., AND HUXEL, C. J., JR., 1966

RECORD 00225

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074870

NAME OF SAMPLE SOURCE... W. WHIPPLE WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15S 067E 34 NW OF NE
STATE..... NEVADA
COUNTY..... CLARK
GEOLOGIC PROVINCE..

LAT/LONG... 36-35.55 N 114-28.85 W
UTM ZONE... +11
NORTHING... 4052421.
EASTING... 725363.

MAP REFERENCE..... LAS VEGAS 1:250000, OVERTON 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/10/11
TEMPERATURE (C)..... 23.9
WELL DEPTH (M)..... 27.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1610.
TOTAL DISSOLVED SOLIDS... 1070.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL..... CR..... MG... 54.
AU..... CU..... MO... SI02. 36.
BA..... FE+3..... NA+K. 177. S04.. 421.
CA..... 106. HCO3..... 371. NO3.. 0.6
CL..... 92.

OTHER ANALYTICAL DATA... SAR = 35.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... RUSH, F. E., 1968B

RECORD 00226

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074830

NAME OF SAMPLE SOURCE... W.L. AND B. JENISON WELL (#2)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 21S 061E 27 SW OF SW SW
STATE..... NEVADA
COUNTY..... CLARK

LAT/LONG... 36-05.3 N 115-08.9 W
UTM ZONE... +11
NORTHING... 3995132.

GEOLOGIC PROVINCE.. EASTING.... 666713.
 MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/08/21
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 80.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00227

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074831

NAME OF SAMPLE SOURCE... W.L. AND B. JENISON WELL (#1A)

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21S 061E 27 SW OF SW SW
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-05.3 N 115-08.9 W
 UTM ZONE... +11
 NORTHING... 3995132.
 EASTING.... 666713.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/10/17
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 80.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 478.

ANALYSIS IN PPM

AG.... CO3..... N
 AL.... CR.....
 BA.... FE+3....
 CA.... 61. HCO3.... 253.
 CL.... 11.

ISOTOPES (0/00)

MG... 31.
 NA+K. 20. S04.. 101.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00228

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074828

NAME OF SAMPLE SOURCE... W.N. HINSON WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 21S 061E 06 SW OF NE
 STATE..... NEVADA
 COUNTY..... CLARK
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-09.2 N 115-11.8 W
 UTM ZONE... +11
 NORTHING... 4002261.
 EASTING.... 662227.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1938/09/12
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 84.

OTHER SAMPLE INFORMATION.. FLOWING IN 1938.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... LIVINGSTON, P., 1940

RECORD 00229

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074809

NAME OF SAMPLE SOURCE... WELL #12

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 22S 06E 01 NE OF SE SW LAT/LONG... 36-03.6 N 115-06.95 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... CLARK NORTHING... 3992046.
GEOLOGIC PROVINCE.. EASTING.... 669700.

MAP REFERENCE..... LAS VEGAS 1:250000, LAS VEGAS SE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/04/09
TEMPERATURE (C)..... 26.1
WELL DEPTH (M)..... 70.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00230

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074299

NAME OF SAMPLE SOURCE... WELL 75-73 (TESTWELL 3)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES LAT/LONG... 36-48.7 N 115-51.8 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... CLARK NORTHING... 4074380.
GEOLOGIC PROVINCE.. EASTING.... 601389.

MAP REFERENCE..... LAS VEGAS 1:250000, FRENCHMAN LAKE SE 1:24000
OTHER LOCALITY INFORMATION: AREA IS UNSURVEYED. NO TOWNSHIP AND RANGE AVAILABLE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/05/10
TEMPERATURE (C)..... 37.8
WELL DEPTH (M)..... 565.

PERTINENT LITHOLOGY..... AQUIFER IS PALEOZOIC.

WATER ANALYSIS

PH..... 7.3
SPECIFIC CONDUCTANCE..... 710.
TOTAL DISSOLVED SOLIDS... 444.

ANALYSIS IN PPM

AG.....		CO3..... N	LI...	0.12		
AL.....	0.03	CR.....	MG...	21.		
AU.....		CU.....	MO...		SI02.	24.
B.....		F..... 1.5	NA...	83.		
BA.....		FE+3....	NA+K.		S04..	84.
BE.....		FE(TOT). N				
CA.....	51.	HCO3.... 328.	N03..	0.9		
CD.....		H2S.....	P04..	N		
CL.....	23.					
CO.....		K..... 7.6				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SCHOFF, S. L. AND MOORE, J. E., 1964, USGS TRACE ELEMENT INVENTORY REPORT. TEI-838, CHEM.
 AND MOVEMENT OF GROUND-WATER, NEVADA TEST SITE.

RECORD 00231

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074504

NAME OF SAMPLE SOURCE... WHITE ROCK SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	20S 058E 33 NE OF NE	LAT/LONG... 36-10.4 N 115-28.9 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	CLARK		NORTHING... 4004041.
GEOLOGIC PROVINCE..			EASTING.... 636552.
MAP REFERENCE.....	LAS VEGAS AMS, BLUE DIAMOND 1:24000, LA MADRE MTN 1:24000		
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.		

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.6
 DISCHARGE..... Q 5489.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 390.
 QUALIFICATION FIELD..... FLOW GIVEN IS A MAXIMUM. 963 GPM ALSO LISTED.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HUGHES, J. L., 1966

RECORD 00232

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074863

NAME OF SAMPLE SOURCE... WOODRUFF AND PERKINS WELL

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	14S 065E 08 NW OF SE	LAT/LONG... 36-43.8 N 114-43.9 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	CLARK		NORTHING... 4067117.
GEOLOGIC PROVINCE..			EASTING.... 702559.
MAP REFERENCE.....	LAS VEGAS 1:250000, MOAPA 1:62500		
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.		

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.8
 DISCHARGE..... 285.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1964

RECORD 00233

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074792

NAME OF SAMPLE SOURCE... DOUD SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	11N 020E 20 SE OF SW	LAT/LONG... 38-47.7 N 119-39.2 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	DOUGLAS		NORTHING... 4297165.
GEOLOGIC PROVINCE..			EASTING.... 269558.

MAP REFERENCE..... WALKER LAKE 1:250000, MT. SIEGEL 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/05/07
TEMPERATURE (C)..... 21.1
DISCHARGE..... 180.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... GLANCY, P. A., AND KATZER, T. L., 1975

RECORD 00234

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001026

NAME OF SAMPLE SOURCE... HOB0 HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 19E 23 SE OF SE
STATE..... NEVADA
COUNTY..... DOUGLAS
GEOLOGIC PROVINCE..

LAT/LONG... 39-03.3 N 119-48.5 W
UTM ZONE... +11
NORTHING... 4326426.
EASTING.... 256983.

MAP REFERENCE..... CARSON CITY 1:24000
OTHER LOCALITY INFORMATION: 8 MILES SSW OF CARSON CITY, NEV.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/05/03 ROBERSON, VAN DENBURGH, FOTH
TEMPERATURE (C)..... 46.0
DISCHARGE..... 44. L/MIN
WATER TREATMENT..... FILTERED AND ACIDIFIED WITH H2SO4 IN FIELD.

WATER ANALYSIS

DATE/ANALYST..... 1960/08/19 WHITEHEAD, H. C.
PH..... 8.9
SPECIFIC CONDUCTANCE..... 662.
ALKALINITY..... 18. AS CaCO3
TOTAL DISSOLVED SOLIDS... 408.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	17.	LI... ..	0.2		
AL.....	0.06	CR.....		MG... ..	0.7		
AS.....	N	CS.....		MN... ..	N		
AU.....		CU.....		MO... ..		SI02..	47.
B.....	1.5	F.....	7.1	NA... ..	125.		
BA.....		FE+3.....		NA+K..		S04..	109.
BE.....		FE(TOT)..	0.03	NB... ..		SR... ..	0.23
BI.....		GA.....		NH4... ..	N		
BR.....	0.1						
CA.....	6.0	HCO3.....	51.	NO3... ..	N		
CD.....		H2S.....		PO4... ..	0.01		
CL.....	74.	I.....	0.16				
CO.....		K.....	1.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00235

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074788

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... DOUGLAS
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, CARSON CITY 1:62500, GENOA 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

TOWNSHIP-RANGE

14N 020E 19 NW OF NW

COORDINATES

LAT/LONG... 39-03.9 N 119-47.2 W
UTM ZONE... +11
NORTHING... 4327478.
EASTING... 258893.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/07
TEMPERATURE (C)..... 28.9

WATER ANALYSIS

PH..... 8.8
TOTAL DISSOLVED SOLIDS... 372.

ANALYSIS IN PPM

B..... F..... 7.7
BA..... FE+3.....
BE..... FE(TOT). 0.01
CA..... 3. HCO3..... 98.
CL..... N

NA+K. 126. S04.. 90.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR, 1973

RECORD 00236

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

GEOHERM FILE ID: 0074789

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... DOUGLAS
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, CARSON CITY 1:62500, GENOA 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

TOWNSHIP-RANGE

14N 020E 19 NW OF NW

COORDINATES

LAT/LONG... 39-03.9 N 119-47.2 W
UTM ZONE... +11
NORTHING... 4327478.
EASTING... 258893.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/07
TEMPERATURE (C)..... 27.2

WATER ANALYSIS

PH..... 8.7
TOTAL DISSOLVED SOLIDS... 373.

ANALYSIS IN PPM

AG..... CO3..... 18.
B..... F..... 7.5
BA..... FE+3.....
BE..... FE(TOT). 0.03
CA..... 2. HCO3..... 98.

NA+K. 124. S04.. 83.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR, 1973

RECORD 00237

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

GEOHERM FILE ID: 0074790

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... DOUGLAS
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

14N 020E 19 NW OF NW

COORDINATES

LAT/LONG... 39-03.9 N 119-47.2 W
UTM ZONE... +11
NORTHING... 4327478.
EASTING.... 258893.

MAP REFERENCE..... RENO 1:250000, CARSON CITY 1:62500, GENOA 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/07
TEMPERATURE (C)..... 24.4

WATER ANALYSIS

PH..... 8.9
TOTAL DISSOLVED SOLIDS... 381.

ANALYSIS IN PPM

AG..... CO3..... 12.
B..... F..... 7.7
BA..... FE+3.....
BE..... FE(TOT). 0.01
CA..... 8. HCO3..... 107.

NA+K. 121. S04.. 84.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR, 1973

RECORD 00238

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

GEO THERM FILE ID: 0074791

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... DOUGLAS
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

14N 020E 19 NW OF NW

COORDINATES

LAT/LONG... 39-03.9 N 119-47.2 W
UTM ZONE... +11
NORTHING... 4327478.
EASTING.... 258893.

MAP REFERENCE..... RENO 1:250000, CARSON CITY 1:62500, GENOA 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/07
TEMPERATURE (C)..... 32.2

WATER ANALYSIS

PH..... 8.4
TOTAL DISSOLVED SOLIDS... 372.

ANALYSIS IN PPM

AG..... CO3..... 20.
B..... F..... 7.6
BA..... FE+3.....
BE..... FE(TOT). 0.02
CA..... 2. HCO3..... 93.

NA+K. 120.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR, 1973

RECORD 00239

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SARATOGA HOT SPRINGS

GEO THERM FILE ID: 0074390

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 14N 20E 21 SE OF SW COORDINATES
 STATE..... NEVADA LAT/LONG... 39-04.5 N 119-44.6 W
 COUNTY..... DOUGLAS UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4328474.
 MAP REFERENCE..... RENO 1:250000, MCTARNAHAN HILL 1:24000 EASTING.... 262676.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1970/05/14
 TEMPERATURE (C)..... 50.0
 DISCHARGE..... 1325. L/MIN

WATER ANALYSIS
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 1500.
 TOTAL DISSOLVED SOLIDS... 429.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... CR..... MG... N
 AU.... CU..... MO... SI02. 20.
 BA.... FE+3..... NA+K. 160. S04.. 678.
 CA.... 172. HCO3..... 4.
 CL.... 39.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A., KATZNER, T. L., 1975, NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES -
 RECONNAISSANCE SERVICE REPORT 5
 WATER-RESOURCES APPRAISAL OF THE CARSON RIVER BASIN, WESTERN NEVADA:

RECORD 00240

GEOHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... WALLEY'S HOT SPRINGS
 WARING NUMBER..... 60

GEOHERM FILE ID: 0074324

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13N 19E 21 SE OF SW COORDINATES
 STATE..... NEVADA LAT/LONG... 38-58.2 N 119-51.4 W
 COUNTY..... DOUGLAS UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4317122.
 MAP REFERENCE..... WALKER LAKE 1:250000, SOUTH LAKE TAHOE 1:24000 EASTING.... 252504.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 71.1
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGE: 57.8-71.1 C.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492 (NO.60)

RECORD 00241

GEOHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... WALLEYS HOT SPRING

GEOHERM FILE ID: 0000882

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA COORDINATES
 COUNTY..... DOUGLAS LAT/LONG... 38-59. N 119-50. W

STATE..... NEVADA
COUNTY..... DOUGLAS
GEOLOGIC PROVINCE..

UTM_ZONE... +11
NORTHING... 4318538.
EASTING.... 254572.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/06/11
TEMPERATURE (C)..... 65.5

WATER ANALYSIS

DATE/ANALYST..... 1953/12/22 KRAMER, HENRY
PH..... 8.4
SPECIFIC CONDUCTANCE..... 733.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	64.	LI... T			
AL....		CR.....		MG... 3.3			
AU....		CU.....		MO... SI02.	125.		
B.....	1.5	F.....	4.0	NA... 136.			
BA....		FE+3....		NA+K. S04..	176.		
CA....	16.	HCO3....		N03.. T			
CL....	40.						
CO....		K.....	2.9				

OTHER ANALYTICAL DATA... TOTAL ANIONS IN PPM 16.40. B = 0.85% OF EQUIVALENT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00242

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000883

NAME OF SAMPLE SOURCE... WALLEYS HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 019E 22 NE
STATE..... NEVADA
COUNTY..... DOUGLAS
GEOLOGIC PROVINCE..

LAT/LONG... 38-59. N 119-50. W
UTM_ZONE... +11
NORTHING... 4318538.
EASTING.... 254572.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... VAN DENBURGH, A. S., ROBERSON, C. E.
TEMPERATURE (C)..... 63.0

WATER ANALYSIS

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	552.				
AU....		CU.....		MO... SI02.	61.		
BI....		GA.....		NH4.. 0.035			
CL....	82.						

OTHER ANALYTICAL DATA... AL2O3-.500, NA2S04-11.605, K2S04-11.605, CAS04-37.602, NA2 S204-6.930, NAHC03-11.065, NA2 B4 04-28.816, CO2-111.109

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... LINDGREN, 1911, P. 189.

RECORD 00243

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000884

NAME OF SAMPLE SOURCE... WALLEYS HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 019E 22 NE

LAT/LONG... 38-59. N 119-50. W

STATE..... NEVADA
 COUNTY..... DOUGLAS
 GEOLOGIC PROVINCE..
 OTHER LOCALITY INFORMATION: 4+ MILES WNW OF MINDEN, NEV., 3+ MILES WEST OF HIGHWAY 395

UTM_ZONE... +11
 NORTHING... 4318538.
 EASTING... 254572.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/11/10 VAN DENBURGH, A. S.
 TEMPERATURE (C)..... 63.0
 DISCHARGE..... 57. L/MIN
 WATER TREATMENT..... AL IS UNFIXED, FE IS FIXED

WATER ANALYSIS

DATE/ANALYST..... 1960/04/04 ROGERS, S. M.
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 730.
 ALKALINITY..... 26. AS CAC03
 TOTAL DISSOLVED SOLIDS... 499.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	24.	LI...	0.19		
AL.....	0.28	CR.....		MG...	0.5		
B.....		F.....	5.0	NA...	137.		
BA.....		FE+3....		NA+K.		S04..	200.
BE.....		FE(TOT)..	0.01				
CA.....	9.6	HCO3.....	12.	NO3..	0.3		
CL.....	46.						
CO.....		K.....	2.9				

OTHER ANALYTICAL DATA... TOTAL CATIONS IN EPM 6.58, TOTAL ANIONS IN EPM 6.72.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00244

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000657

NAME OF SAMPLE SOURCE... WALLEYS HOT SPRINGS (GENOA HOT SPRINGS)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	13N 19E	22 NE	LAT/LONG...	38-58.87 N 119-49.92 W
STATE.....	NEVADA			UTM_ZONE...	+11
COUNTY.....	DOUGLAS			NORTHING...	4318294.
GEOLOGIC PROVINCE..				EASTING....	254680.
MAP REFERENCE.....	WALKER LAKE 1:250000, MINDEN 1:24000				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 61.0
 DISCHARGE..... 75. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... A CAC03 APRON DEPOSITED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 726.
 ALKALINITY..... 68. AS HCO3

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....		CO3.....		LI...	0.2	SB...	DEL D OF WATER.....	-119.5
AL.....	0.032	CR.....		MG...	0.01	SC...	DEL O(18) OF WATER...	-15.55
AS.....		CS.....	L 0.1	MN...	L 0.02			
AU.....		CU.....	L 0.01	MO...		SI02.	58.	

B.....	1.2	F.....	4.9	NA...	145.		
BA.....		FE+3....		NA+K.		S04..	235.
BE.....		FE(TOT).	L 0.02	NB...		SR...	0.3
BI.....		GA.....		NH4..	0.15		
CA.....	10.						
CA+MG.		HG.....	0.0003				
CD.....		H2S.....		P04..	0.06		
CL.....	44.	I.....		RB...	0.03		
CO.....		K.....	3.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA, MARINER, PRESSER, WILLEY, RAPP, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00245

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074287

NAME OF SAMPLE SOURCE... WALLY'S HOT SPRINGS - U.S. STEEL CORP. WELLS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	13N 19E	22 NE	LAT/LONG...	38-58.7	N 119-49.8	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	DOUGLAS			NORTHING...	4317974.		
GEOLOGIC PROVINCE..				EASTING....	254843.		

MAP REFERENCE..... WALKER LAKE 1:250000, SOUTH LAKE TAHOE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/00/00
 TEMPERATURE (C)..... 83.0
 WELL DEPTH (M)..... 384.
 OTHER SAMPLE INFORMATION.. 20 HOLES - DEPTH 30.5 TO 383.5 METERS. MAXIMUM TEMPERATURE AT 19.5 M.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... KOENIG, J. B., 1970, GEOTHERMAL EXPLORATION IN THE WESTERN UNITED STATES: UN SYMP DEVEL UTILIZ. GEOTHML RESRS, PISA, 1970, V2 PT1: GEOTHERMICS SP. ISSUE 2 13P.

RECORD 00246

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074763

NAME OF SAMPLE SOURCE... CITY OF ELKO WELL NO. 12

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	34N 055E	11 SW	LAT/LONG...	40-50.6	N 115-45.3	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	ELKO			NORTHING...	4521900.		
GEOLOGIC PROVINCE..				EASTING....	604958.		

MAP REFERENCE..... ELKO 1:250000, ELKO WEST 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/12/23
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 174.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 269.
 ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	3.			
AL.....	CR.....		MG...	12.	
AU.....	CU.....		MO...		SI02. 81.
BA.....	FE+3.....		NA+K.	20.	S04.. 27.
CA..... 36.	HCO3.....	139.			
CL..... 35.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., AND MOORE, D. O., 1964

RECORD 00247

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074731

NAME OF SAMPLE SOURCE... DEVIL'S PUNCH BOWL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 39N 059E 15 SE OF SW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-15.9 N 115-18.3 W
 UTM ZONE... +11
 NORTHING... 4569348.
 EASTING.... 641986.

MAP REFERENCE..... WELLS 1:250000, HOT SPRINGS CREEK 1:24000
 OTHER LOCALITY INFORMATION: LOCATED NEAR MARY'S RIVER RANCH.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/18
 TEMPERATURE (C)..... 52.
 DEPOSITS OR ALTERATION... SPECTACULAR TUFA DEPOSITS 50 FT HIGH AND 200 FT IN DIAMETER.
 OTHER SAMPLE INFORMATION.. A CIRCULAR CATTLE DIP NEARBY WAS ONCE FILLED WITH THE HOT SPRING WATER AND USED TO TREAT CATTLE FOR A SCAB DISEASE.

WATER ANALYSIS

PH..... 6.7
 SPECIFIC CONDUCTANCE..... 1450.

ANALYSIS IN PPM

AL.....	CR.....	MG...	14.		
AU.....	CU.....	MO...		SI02.	38.
B.....	F.....	NA...	236.		
BA.....	FE+3.....	NA+K.		S04..	10.
CA..... 41.	HCO3..... Q 867.				
CL..... 20.					
CO.....	K..... 43.				

ISOTOPES (0/00)

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-9-8
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00248

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000886

NAME OF SAMPLE SOURCE... ELKO HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 34N 055E 21
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-49. N 115-46. W
 UTM ZONE... +11
 NORTHING... 4518926.
 EASTING.... 604016.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.6

WATER ANALYSIS

DATE/ANALYST..... NEVADA GEOLOGICAL SURVEY

TOTAL DISSOLVED SOLIDS... 921.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.... T	CR.....	MG... 15.		
AU....	CU.....	MO... 70.	SI02.	
B.....	F.....	NA... 161.	S04..	83.
BA....	FE+3....	NA+K.		
BE....	FE(TOT). T			
CA.... 54.	HCO3.... 504.			
CL.... 34.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 FITCH, 1927

RECORD 00249

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000885

NAME OF SAMPLE SOURCE... ELKO HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 34N 55E 21
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

LAT/LONG... 40-42.7 N 116-07.6 W
 UTM ZONE... +11
 NORTHING... 4506905.
 EASTING.... 573770.

OTHER LOCALITY INFORMATION: 1 MILE WEST OF ELKO, NEVADA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/11/01 WHITE, DON E.

TEMPERATURE (C)..... 52.0

DISCHARGE..... G 114. L/MIN

DEPOSITS OR ALTERATION.... LARGE TRAVERTINE CORE ON FAULT.

PERTINENT LITHOLOGY..... A LARGE TRAVERTINE CORE ON NE FAULT AT NORTH END OF LOW RANGE AT CONTACT OF QAL AND

TERTIARY LAKE BEDS DOWN-FAULTED AGAINST PALEOZOIC QUARTZITE.

WATER ANALYSIS

DATE/ANALYST..... 1958/04/02 WHITEH AD, H. C.

PH..... 7.4

SPECIFIC CONDUCTANCE..... 938.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N	LI... N		
AL....	CR.....	MG... 1.		
AU....	CU.....	MO... 72.	SI02.	
B..... 0.8	F..... 2.5	NA... 122.	S04..	76.
BA....	FE+3....	NA+K.		
BI....	GA.....	NH4.. T		
CA.... 64.	HCO3.... 486.	NO3.. 30.		
CL.... 17.				
CO....	K..... 39.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS

RECORD 00250

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074116

NAME OF SAMPLE SOURCE... ELKO, SULPHUR, WHITE SULFUR, AND HUMBOLDT HOT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	34N 55E 21 SE OF SE	LAT/LONG... 40-46.6 N 115-48.8 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	ELKO		NORTHING... 4514431.
GEOLOGIC PROVINCE..			EASTING.... 600140.

MAP REFERENCE..... ELKO 1:250000, ELKO WEST 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 88.5
 OTHER SAMPLE INFORMATION.. WARING NO. 32.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 US GEOL. SURVEY PROF. PAPER 492, NO. 32

RECORD 00251

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074216

NAME OF SAMPLE SOURCE... ELKO, SULPHUR, WHITE SULPHUR, HUMBOLDT HOT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	34N 55E 21 SE OF SE	LAT/LONG... 40-46.6 N 115-48.8 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	ELKO		NORTHING... 4514431.
GEOLOGIC PROVINCE..			EASTING.... 600140.

MAP REFERENCE..... ELKO 1:250000, ELKO WEST 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 88.0
 DISCHARGE..... 450. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGES FROM 65.6 TO 88 DEG.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., MAXEY, G. B., ROBINSON, T. W., FREDRICKS, J. C., AND LOELTZ, O. J., 1951,
 CONTRB. HYDROLOGY E. NEVADA; NEV DEPT CONS /NAT RESRS; WAT RESRS BL 12

RECORD 00252

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001027

NAME OF SAMPLE SOURCE... ELLISON RANCH SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	41N 052E 08 NE	LAT/LONG... 41-28. N 116-09.2 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	ELKO		NORTHING... 4503738.
GEOLOGIC PROVINCE..			EASTING.... 571548.

MAP REFERENCE..... TUSCARORA 1:62500
 OTHER LOCALITY INFORMATION: HOT SPRINGS CREEK 10 MI. NNE OF TUSCARORA ALSO JACK CREEK, ELKO CO.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/06/23 COATS, R. R.
 TEMPERATURE (C)..... 93.0

DISCHARGE..... 3.8 L/MIN
 DEPOSITS OR ALTERATION.... CALCITE TRAVERTINE DEPOSIT
WATER ANALYSIS
 DATE/ANALYST..... 1959/01/23 WHITEHEAD, H. C.
 PH..... 8.1
 SPECIFIC CONDUCTANCE..... 793.
 ALKALINITY..... 34. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 631.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... N LI... 0.6
 AL..... 0.47 CR..... MG... 0.2
 AS..... N CS..... MN... N
 AU..... CU..... MO... SI02. 166.
 B..... 0.81 F..... 9.4 NA... 157.
 BA..... FE+3..... NA+K. S04.. 75.
 BE..... FE(TOT). N NH4.. 0.9
 BI..... GA.....
 BR..... N
 CA..... 13. HCO3..... 338. NO3.. N
 CD..... H2S..... P04.. 0.05
 CL..... 9.0 I..... 0.2
 CO..... K..... 16.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS

RECORD 00253

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074777

NAME OF SAMPLE SOURCE... GAMBLE RANCH SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 40N 069E 08 SW OF NW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS AMS, MONTELLO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

COORDINATES

LAT/LONG... 41-22.2 N 114-11.6 W
 UTM ZONE... +11
 NORTHING... 4583421.
 EASTING... 734738.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/25
 TEMPERATURE (C)..... 20.6
 DISCHARGE..... 1350.

WATER ANALYSIS

ISOTOPES (0/00)

ANALYSIS IN EPM
 BA..... FE+3..... NA+K. 0.48
 CA+MG. 3.8

OTHER ANALYTICAL DATA... CL + S04 = 1.06 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00254

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074778

NAME OF SAMPLE SOURCE... GAMBLE RANCH WELL NO. 4

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 40N 069E 16 NW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS AMS, MONTELO 1:2 000
COORDINATES
 LAT/LONG... 41-21.6 N 114-10.4 W
 UTM ZONE... +11
 NORTHING... 4582365.
 EASTING.... 736448.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/06/21
 TEMPERATURE (C)..... 24.4
 WELL DEPTH (M)..... 64.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 885.

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	27.	
BA.....	FE+3.....		NA+K.	93.	S04.. 103.
CA..... 74.	HCO3.....	278.			
CL..... 117.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00255

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000881

NAME OF SAMPLE SOURCE... GAMBLE'S HOLE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 46N 69E 10
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
COORDINATES
 LAT/LONG... 41-53.1 N 114-07.0 W
 UTM ZONE... +11
 NORTHING... 4640815.
 EASTING.... 739238.
 OTHER LOCALITY INFORMATION: GAMBLE'S HOLE, NEAR NE CORNER OF NEVADA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1921/11/00
 TEMPERATURE (C)..... 39.0
 DISCHARGE..... 30. L/MIN
 PERTINENT LITHOLOGY..... FROM ALLUVIUM NEAR PALEOZOIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... FOSTER, M. D.
 TOTAL DISSOLVED SOLIDS... 173.

ANALYSIS IN PPM

AL.....	CR.....		MG...	8.9	
AU.....	CU.....		MO...		SI02. 32.
B.....	F.....		NA...	15.	
BA.....	FE+3.....		NA+K.		S04.. 15.
BE.....	FE(TOT)..	0.06			
CA..... 31.	HCO3.....	147.	N03..	0.22	
CL..... 3.2					

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... ORGANIC TOTAL IN PPM 3.8.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PIPER, A. M., 1923, IDAHO BUREAU OF MINES GEOL. BULL. 6, P. 63.

RECORD 00256

GEOTHERM FILE ID: 0074774

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GOOSE CREEK AREA
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 46N 069E 10 SE OF SW SE
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS AMS, GOOSE CREEK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.29 MILES.

COORDINATES
 LAT/LONG... 41-53.2 N 114-07.2 W
 UTM ZONE... +11
 NORTHING... 4640991.
 EASTING.... 738955.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/10/10
 TEMPERATURE (C)..... 33.9

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 240.
 TOTAL DISSOLVED SOLIDS... 162.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... CR..... MG... 8.1
 AU.... CU..... MO... SI02. 23.
 B..... F..... 0.4 NA... 9.6
 BA.... FE+3.... NA+K. S04.. 13.
 BE.... FE(TOT). NB... SR... 0.36
 CA.... 29. HCO3.... 144.
 CL.... 3.3
 CO.... K..... 4.6

OTHER ANALYTICAL DATA... SAR = 0.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... A

RECORD 00257

GEOTHERM FILE ID: 0074112

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GOOSE CREEK AREA, NILE SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 47N 70E 30 SW OF SW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, GOOSE CREEK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

COORDINATES
 LAT/LONG... 41-56.0 N 114-04.0 W
 UTM ZONE... +11
 NORTHING... 4646323.
 EASTING.... 743203.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1921/00/00
 TEMPERATURE (C)..... 41.1
 DISCHARGE..... 6. L/MIN
 DEPOSITS OR ALTERATION... TRAVERTINE TERRACE DEPOSITED BY THE SPRINGS CROPS OUT OVER 2-3 ACRES.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... PIPER, A. M., 1923; GEOLOGY AND WATER RESOURCES OF THE GOOSE CREEK BASIN, CASSIA CO., IDAHO; IDAHO BUR , MINES AND GEOLOGY BULL. 6

WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: USGS PROF. PAPER 492, NO. 24

RECORD 00258

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074128

NAME OF SAMPLE SOURCE... HOT CREEK SPRINGS, H. D. RANCH SPRING

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY... UNITED STATES 43N 60E 34 NE OF NW LAT/LONG... 41-34.8 N 115-10.8 W

STATE... NEVADA UTM ZONE... +11

COUNTY... ELKO NORTHING... 4604532.

GEOLOGIC PROVINCE... EASTING... 651722.

MAP REFERENCE... WELLS 1:250000, HOT CREEK 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)... 67.8

DISCHARGE... 600. L/MIN

DEPOSITS OR ALTERATION... TUFA DEPOSITS

OTHER SAMPLE INFORMATION... MANY SPRINGS. TEMPERATURES RANGE FROM 61.1 TO 67.8 DEG C. WARING NO. 30.

REFERENCE AND IDENTIFICATION

COMPILED BY... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: USGSPROF. PAPER 492, NO. 30

RECORD 00259

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE ID: 0000631

NAME OF SAMPLE SOURCE... HOT HOLE (ELKO HOT SPRINGS)

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY... UNITED STATES 34N 55E 21 NE LAT/LONG... 40-49.11 N 115-46.53 W

STATE... NEVADA UTM ZONE... +11

COUNTY... ELKO NORTHING... 4519119.

GEOLOGIC PROVINCE... EASTING... 603268.

MAP REFERENCE... ELKO 1:250000, ELKO WEST 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR... 1972/00/00 MARINER'S GROUP

TEMPERATURE (C)... 56.0

DISCHARGE... 75. L/MIN

WATER TREATMENT... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED

DEPOSITS OR ALTERATION... AN APRON OF CaCO3 DEPOSITED AROUND SPRING

PERTINENT LITHOLOGY... ROCK TYPES: LIMESTONE, LACUSTRINE DEPOSITS, VOLCANICS.

WATER ANALYSIS

DATE/ANALYST... 1972/00/00 BARNES GROUP

PH... 7.2

SPECIFIC CONDUCTANCE... 908.

ALKALINITY... 488. AS HCO3

ANALYSIS IN MG/L

AG....		CO3....		LI... 0.33	SB...
AL.... 0.002		CR....		MG... 16.	SC...
AS....		CS.... L 0.1		MN... 0.02	
AU....		CU.... 0.04		MO... 120.	SI02. 65.
B.... 0.7		F.... 1.9		NA... 72.	S04.. 3.4
BA....		FE+3....		NB...	
BE....		FE(TOT). L 0.02		NH4.. 0.59	
BI....		GA....			

ISOTOPES (0/00)

DEL D OF WATER... -144.7

DEL O(18) OF WATER... -15.31

CA.... 60.
 CA+MG. HG..... 0.0003
 CD.... H2S.....
 CL.... 16. I..... P04.. 0.18
 CO.... K..... 39. RB... 0.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00260

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000887

NAME OF SAMPLE SOURCE... HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 33N 052E 33 SE
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-41.8 N 116-07.6 W
 UTM ZONE... +11
 NORTHING... 4591070.
 EASTING.... 570978.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/10/08
 TEMPERATURE (C)..... 60.0
 DISCHARGE..... 19. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1958/11/03 WHITEH AD, H. C.
 PH..... 6.9
 SPECIFIC CONDUCTANCE..... 665.
 ALKALINITY..... 213. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 457.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N LI... 0.5
 AL.... 0.36 CR..... MG... 14.
 AS.... N CS..... MN... 0.005
 AU.... CU..... N MO... SI02. 84.
 B.... 0.59 F..... 1.2 NA... 16. S04.. 53.
 BA.... FE+3..... NA+K.
 BE.... FE(TOT). 0.16 NH4.. 0.6
 BI.... GA.....
 BR.... N
 CA.... 62. HCO3.... 330. NO3.. 0.9
 CA+MG. HG..... PB... N
 CD.... H2S..... P04.. 0.07
 CL.... 13. I..... N

OTHER ANALYTICAL DATA... CATION TOTALS IN EPM 7.01; ANION TOTALS IN EPM 6.95

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE

RECORD 00261

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074323

NAME OF SAMPLE SOURCE... HOT SULFUR SPRINGS

WARING NUMBER..... 31

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... ELKO
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
33N 53E 08

COORDINATES

LAT/LONG... 40-45.5 N 116-02.3 W
UTM ZONE... +11
NORTHING... 4512164.
EASTING.... 581175.

MAP REFERENCE..... WINNEMUCCA 1:250000, HUNTSMAN RANCH 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 36.7
DISCHARGE..... 57. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
USGS PROF. PAPER 492 (NO.31)

RECORD 00262

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000635

NAME OF SAMPLE SOURCE... HOT SULPHUR SPRINGS (SULPHUR SPRINGS)

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... ELKO
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
41N 52E 08 NE

COORDINATES

LAT/LONG... 41-28. N 116-09. W
UTM ZONE... +11
NORTHING... 4557894.
EASTING.... 669072.

MAP REFERENCE..... MCDERMOTT 1:250000, TUSCARORA 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
TEMPERATURE (C)..... 90.0
WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
PERTINENT LITHOLOGY..... ROCK TYPES: VOLCANICS, LIMESTONE.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
PH..... 7.0
SPECIFIC CONDUCTANCE..... 1760.
ALKALINITY..... 1180. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....		LI...	0.7	SB...	
AL.....		CR.....		MG...	13.	SC...	
AU.....		CU.....		MO...		SI02.	84.
B.....	0.77	F.....	7.2	NA...	390.		
BA.....		FE+3.....		NA+K.		S04..	18.
CA.....	49.						
CL.....	40.						
CO.....		K.....	41.				

ISOTOPE (0/00)

DEL D OF WATER..... -134.9
DEL O(18) OF WATER... -16.78

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00263

GEOTHERM FILE ID: 0000812

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOT SULPHUR SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 31N 59E 11 NW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELKO 1:250000, LAMOILLE 1:62500

COORDINATES

LAT/LONG... 40-35.1 N 115-17.2 W
 UTM ZONE... +11
 NORTHING... 4493889.
 EASTING.... 645001.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 SAMPLE NUMBER..... 2
 TEMPERATURE (C)..... Q 45.0
 DISCHARGE..... 500. L/MIN
 WATER TREATMENT..... PRESSURE - FILTERED THROUGH A .45 MICROMETRE MEMBRANE, DILUTED
 DEPOSITS OR ALTERATION... SILICA APRON DEPOSITED
 OTHER SAMPLE INFORMATION.. LARGE LAKE WITH A LARGE COOLING SURFACE.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 652.
 ALKALINITY..... 271. AS HCO3

ISOTOPES (0/00)

DEL D OF WATER..... -126.1
 DEL O(18) OF WATER... -14.52

ANALYSIS IN MG/L

AG....		CO3.....		LI... 0.51	SB...	
AL.... 0.27		CR.....		MG... 0.02	SC...	
AS....		CS..... L 0.1		MN... L 0.02		
AU....		CU..... L 0.01		MO...	SI02. 230.	
B.... 0.23		F..... 19.		NA... 150.		
BA....		FE+3....		NA+K.	S04.. 40.	
BE....		FE(TOT). L 0.02		NB...	SR... 0.1	
CA.... 1.6						
CA+MG.		HG..... 0.0001				
CD....		H2S.....		P04.. 0.12		
CL.... 4.		I.....		RB... 0.13		
CO....		K..... 9.8				

QUALIFICATION FIELD..... MAY BE BOILING AT ORIFICE?

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF THE PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA, OPEN FILE 1974.
 MARINER, RAPP, PRESSER, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00264

GEOTHERM FILE ID: 0074172

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HUMBOLDT WELLS - SPRING 6B
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 38N 62E 20
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, OXLEY PEAK 1:24000

COORDINATES

LAT/LONG... 41-09.9 N 114-59.2 W
 UTM ZONE... +11
 NORTHING... 4558816.
 EASTING.... 668911.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 36.1

WATER ANALYSIS

PH..... 6.3
 SPECIFIC CONDUCTANCE..... 1740.

ANALYSIS IN PPM

AG.....		CO3.....		LI....	0.65	SB....	
AL.....	0.004	CR.....		MG....	13.	SC....	
AS.....		CS.....		MN....	0.12		
AU.....		CU.....	L 0.01	MO....		SI02.	76.
B.....	0.8	F.....	7.0	NA....	340.		
BA.....		FE+3....		NA+K.		S04..	29.
BE.....		FE(TOT).	0.04				
CA.....	51.	HCO3....	1150.				
CA+MG.		HG.....	0.0002				
CL.....	34.	I.....		RB....	0.03		
CO.....		K.....	36.				

ISOTOPES (0/00)

DEL D OF WATER..... -136.6
 DEL O(18) OF WATER... -16.95

GAS ANALYSIS

ANALYSIS IN VOLUME PERCENT

CH4.. 1.
 C2H6.
 CO2.. 62.
 N2... 34.

ISOTOPES (00/0)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MARINER, R. H., PRESSER, T. S., RAPP, J. B., AND WILLEY, L. M., 1975, MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON: U. S. GEOL. SURVEY OPEN-FILE REPORT

RECORD 00265

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074341

NAME OF SAMPLE SOURCE... HUMBOLDT WELLS SPRING

WARNING NUMBER..... 30A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	38N 62E	17 NW OF NE	LAT/LONG...	41-10.95 N 114-59.4 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	ELKO			NORTHING...	4560752.
GEOLOGIC PROVINCE..				EASTING....	668586.

MAP REFERENCE..... WELLS 1:250000, OXLEY PEAK 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 50.0

DISCHARGE..... 38. L/MIN

DEPOSITS OR ALTERATION... LARGE DEPOSIT OF TRAVERTINE.

OTHER SAMPLE INFORMATION.. THREE SPRINGS. TEMPERATURE RANGE 45-50 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: USGS PROF. PAPER 492 (NO. 30A)

RECORD 00266

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074343

NAME OF SAMPLE SOURCE... HUMBOLDT WELLS SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 38N 62E 17 NW OF NE LAT/LONG... 41-10.95 N 114-59.4 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4560752.
 GEOLOGIC PROVINCE.. EASTING.... 668586.
 MAP REFERENCE..... WELLS 1:250000, OXLEY P AK 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 57.2
 DISCHARGE..... 57. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGES FROM 48.9-57.2 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BRADBERRY, C.E. AND ASSOCIATES (1964) MINERAL INVENTORY OF LANDS BORDERING THE WESTERN
 PACIFIC RR CO: WESTERN PACIFIC RR CO., LOS ALTOS, CAL.

RECORD 00267

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074346

NAME OF SAMPLE SOURCE... HUMBOLDT WELLS-SULFUR SPRINGS
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 38N 62E 20 SE OF SE LAT/LONG... 41-09.5 N 114-59.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4558079.
 GEOLOGIC PROVINCE.. EASTING.... 669068.
 MAP REFERENCE..... WELLS 1:250000, OXLEY PEAK 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/00/00
 TEMPERATURE (C)..... 36.7
 DISCHARGE..... 151. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... OESTERLING, W.A. (1961) AREAL ECONOMIC GEOLOGY OF T38N, R61 AND R62E, MDM; LAND DEPT.
 SOUTHERN PACIFIC CO. SAN FRANCISCO, UNPUBL. MAP

RECORD 00268

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074348

NAME OF SAMPLE SOURCE... HUMBOLDT WELLS-SULFUR SPRING
 WARING NUMBER..... 30
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 38N 62E 20 SE OF SE LAT/LONG... 41-09.5 N 114-59.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4558079.
 GEOLOGIC PROVINCE.. EASTING.... 669068.
 MAP REFERENCE..... WELLS 1:250000, OXLEY PEAK 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 36.7
 DISCHARGE..... 189. L/MIN
 OTHER ANALYTICAL DATA... WATER CONTAINS MUCH H2S.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492 (NO. 30)

RECORD 00269

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074345

NAME OF SAMPLE SOURCE... HUMBOLDT WELLS-THREE MILE SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 38N 62E 20 SE OF SE LAT/LONG... 41-09.5 N 114-59.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4558079.
 GEOLOGIC PROVINCE.. EASTING... 669068.
 MAP REFERENCE..... WELLS 1:250000, OXLEY PEAK 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/00/00
 TEMPERATURE (C)..... 46.1
 DISCHARGE..... 3.8 L/MIN
 OTHER ANALYTICAL DATA... SMELLS OF SULFUR.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... OESTERLING, W.A. (1961) AREAL ECONOMIC GEOLOGY OF T38N, R61 AND 62E, MDM: LAND DEPT.
 SOUTHERN PACIFIC CO. SAN FRANCISCO, UNPUBL. MAP

RECORD 00270

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074289

NAME OF SAMPLE SOURCE... HUMBOLDT WELLS, TWELVEMILE SPRINGS
 WARING NUMBER..... 30B
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 39N 62E 27 NE OF NE LAT/LONG... 41-14.7 N 114-57.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4567766.
 GEOLOGIC PROVINCE.. EASTING... 671638.
 MAP REFERENCE..... WELLS 1:250000, OXLEY PEAK 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 38.9
 DISCHARGE..... 3028. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492, NO. 30B

RECORD 00271

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074762

NAME OF SAMPLE SOURCE... JOHNSON RANCH SPRING
 WARING NUMBER..... 30C
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 36N 066E 28 LAT/LONG... 40-58.25 N 114-30.4 W
 STATE..... NEVADA UTM ZONE... +11

COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELKO 1:250000, INDEPENDENCE VALLEY NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.91 MILES.

NORTHING... 4538302.
 EASTING.... 709801.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.2
 DISCHARGE..... 30.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00272

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074325

NAME OF SAMPLE SOURCE... MINERAL HOT SPRING, CONTACT MINERAL SPRING
 WARING NUMBER..... 22A

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 45N 65E 16
 STATE..... NEVADA
 COUNTY..... ELKO

COORDINATES

LAT/LONG... 41-47.3 N 114-44.1 W
 UTM ZONE... +11
 NORTHING... 4628542.
 EASTING.... 688213.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, DELAPLAIN 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 56.1
 DISCHARGE..... 19. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492 (NO. 22A)

RECORD 00273

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000629

NAME OF SAMPLE SOURCE... MINERAL HOT SPRINGS (SAN JACINTO HOT SPRINGS)

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 45N 64E 16
 STATE..... NEVADA
 COUNTY..... ELKO

COORDINATES

LAT/LONG... 41-47.27 N 114-43.31 W
 UTM ZONE... +11
 NORTHING... 4628515.
 EASTING.... 689309.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, DELAPLAIN 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/06/11 HOSE, R. K.
 TEMPERATURE (C)..... 60.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 PERTINENT LITHOLOGY..... ROCK TYPES: LACUSTRINE ROCKS, GRANITE(?), VOLCANIC FLOWS.

WATER ANALYSIS

DATE/ANALYST..... 1973/08/20 BARNES GROUP
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 344.
 ALKALINITY..... 108. AS HCO3

ANALYSIS IN MG/L

AG..... CO3..... LI... L 0.2 SB...
 AL..... CR..... MG... L 0.01 SC...

ISOTOPES (0/00)

DEL D OF WATER..... -139.0
 DEL O(18) OF WATER... -17.61

AU.....		CU.....		MO....		SI02..	83.
B.....	0.47	F.....	8.9	NA....	75.		
BA.....		FE+3....		NA+K..		S04..	45.
CA.....	1.6						
CL.....	15.						
CO.....		K.....	2.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00274

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000815

NAME OF SAMPLE SOURCE... NILE SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 47N 70E 30 SW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, GOOSE CREEK 1:62500

COORDINATES

LAT/LONG... 41-55.7 N 114-04.2 W
 UTM ZONE... +11
 NORTHING... 4645758.
 EASTING... 742946.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 TEMPERATURE (C)..... 43.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED.
 DEPOSITS OR ALTERATION... NO SPRING DEPOSITS

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 321.
 ALKALINITY..... 149. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....		LI... L	0.2	SB...	
AL.....		CR.....		MG... L	12.	SC...	
AU.....		CU.....		MO... L		SI02..	31.
B..... L	0.02	F.....	0.4	NA... L	10.		
BA.....		FE+3....		NA+K..		S04..	37.
CA.....	40.						
CL.....	8.7						
CO.....		K.....	5.6				

ISOTOPES (0/00)

DEL D OF WATER..... -139.1
 DEL O(18) OF WATER... -18.24

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00275

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074148

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 47N 65E 18 NW OF SW

COORDINATES

LAT/LONG... 41-57.7 N 114-39.3 W

STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

UTM ZONE... +11
 NORTHING... 4647966.
 EASTING.... 694335.

MAP REFERENCE..... WELLS 1:250000, DELAPLAIN 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/01/24
 TEMPERATURE (C)..... 37.8
 WELL DEPTH (M)..... 38.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 332.
 TOTAL DISSOLVED SOLIDS... 205.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	8.6	
AU.....	CU.....		MO...		SI02. 20.
B..... N	F.....	0.7	NA...	17.	
BA.....	FE+3.....		NA+K.		S04.. 20.
CA..... 37.	HCO3.....	184.	NO3..	0.8	
CD.....	H2S.....		P04..	0.01	
CL..... 1.8					
CO.....	K.....	8.4			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MOORE, D. E. AND EAKIN, T. E., 1968, GROUND-WATER APPRAISAL SNAKE RIVER TRIBUTARIES, ELKO,
 HUMBOLDT CO. NEV.; NEV DEPT CON/NAT RES; WAT RES RECONN 48

RECORD 00276

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074218

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	46N 56E	14 SW OF NW	LAT/LONG...	41-52.8 N 114-37.5 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	ELKO			NORTHING...	4638967.
GEOLOGIC PROVINCE..				EASTING....	697073.

MAP REFERENCE..... WELLS 1:250000, DELAPLAIN 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40.0
 DISCHARGE..... 55. L/MIN
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS IN AREA. WARING NO. 22.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD;
 USGS PROF. PAPER 492, NO. 22.

RECORD 00277

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074321

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	39N 50E	18	LAT/LONG...	41-15.6 N 116-21.6 W
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STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MCDERMITT 1:250000, SUGARLOAF BUTTE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

UTM_ZONE... +11
 NORTHING... 4567605.
 EASTING.... 553615.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.2
 DEPOSITS OR ALTERATION... TRAVERTINE DEPOSIT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOSE, R. K. AND TAYLOR, B. E. (1974) GEOTHERMAL SYSTEMS OF NORTHERN NEVADA: USGS OPEN-FILE REPORT 74-271

RECORD 00278

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074772

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 47N 067E 09 SE OF NW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, GOLLAHER MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.

LAT/LONG... 41-58.85 N 114-22.7 W
 UTM_ZONE... +11
 NORTHING... 4650760.
 EASTING.... 717199.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/00/00
 TEMPERATURE (C)..... 30.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOSE, R. K., AND TAYLOR, B. E., 1974

RECORD 00279

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074776

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 41N 067E 15 SE
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS AMS, NINEMILE MTN. NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

LAT/LONG... 41-26.1 N 114-21.6 W
 UTM_ZONE... +11
 NORTHING... 4590200.
 EASTING.... 720578.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/06/21
 TEMPERATURE (C)..... 21.7

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 373.

ANALYSIS IN PPM

AL.....	CR.....	MG...	8.3		
BA.....	FE+3....	NA+K..	41.	S04..	42.
CA.... 32.	HCO3....		160.		
CL.... 20.					

ISOTOPE (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1968A

RECORD 00280

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074781

NAME OF SAMPLE SOURCE... NONE GIVEN

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	35N 04E 04 SE OF NE NW	LAT/LONG... 40-56.9 N 114-45.0 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	ELKO		NORTHING... 4535248.
GEOLOGIC PROVINCE..			EASTING... 689388.
MAP REFERENCE.....	ELKO AMS, SNOW WATER LAKE 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/00/00
 TEMPERATURE (C)..... 30.
 DISCHARGE..... 50.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WILSON, R. E., 1960

RECORD 00281

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074352

NAME OF SAMPLE SOURCE... PAN AMERICAN PETROLEUM CORP COBRE MINERALS CORP NO. 1

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	37N 67E 03 SW OF SE	LAT/LONG... 41-06.7 N 114-22.8 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	ELKO		NORTHING... 4554250.
GEOLOGIC PROVINCE..			EASTING... 719990.
MAP REFERENCE.....	WELLS 1:250000, COBRE 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/00/00
 TEMPERATURE (C)..... 76.7
 WELL DEPTH (M)..... 1611.

OTHER SAMPLE INFORMATION.. BOTTOM-HOLE TEMPERATURE OF 76.7 C REPORTED AT 1402 M DURING DRILLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES FILES (ELKO-58)

RECORD 00282

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074779

NAME OF SAMPLE SOURCE... RALPH'S WARM SPRINGS AREA

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	36N 04E 33	LAT/LONG... 40-57.75 N 114-42.7 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	ELKO		NORTHING... 4536904.
GEOLOGIC PROVINCE..			EASTING... 692574.
MAP REFERENCE.....	ELKO AMS, INDEPENDENCE VALLEY NW 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/26
 TEMPERATURE (C)..... 21.1
 DISCHARGE..... 1193.
 OTHER SAMPLE INFORMATION.. SEVERAL POOL SPRINGS.

WATER ANALYSISANALYSIS IN EPMISOTOPES (0/00)

BA.... FE+3.... NA+K. 0.69
 CA+MG. 3.1

OTHER ANALYTICAL DATA... CL #+ SO4 = 0.68EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00283

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074780

NAME OF SAMPLE SOURCE... RALPH'S WARM SPRINGS AREA

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 35N 04E 04 NE OF NE NW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELKO AMS, SNOW WATER LAKE NE 1:24000

LAT/LONG... 40-57.3 N 114-44.9 W
 UTM ZONE... +11
 NORTHING... 4535991.
 EASTING... 689509.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/00/00
 TEMPERATURE (C)..... 26.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WILSON, R. E., 1960

RECORD 00284

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000880

NAME OF SAMPLE SOURCE... RIZZI HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 45N 54E 30
 STATE..... NEVADA
 COUNTY..... ELKO

OTHER LOCALITY INFORMATION: 5 MI. SE OF MT. CITY, NEV.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/09/02 WHITE, DON E.
 TEMPERATURE (C)..... 41.0

DISCHARGE..... 114. L/MIN

DEPOSITS OR ALTERATION... DEPOSITS MINOR TRAVERTINE AND BLADE SEDIMENTS.

PERTINENT LITHOLOGY..... FROM QAL IN A NORTH-TRENDING VALLEY IN PALEOZOIC SEDIMENTS.

WATER ANALYSIS

DATE/ANALYST..... 1958/04/23 WHITEHEAD AND SCHUCK
 SPECIFIC CONDUCTANCE..... 659.
 ALKALINITY..... 110. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 414.

ANALYSIS IN PPMISOTOPES (0/00)

AG.... CO3..... N LI... N

AL.....	CR.....	MG...	6.8		
AU.....	CU.....	MO...		SI02.	25.
B..... 0.32	F..... 2.5	NA...	120.		
BA.....	FE+3....	NA+K.		S04..	22.
CA..... 33.	HCO3..... 383.	NO3..	2.2		
CL..... 5.0					
CO.....	K..... 7.9				

OTHER ANALYTICAL DATA... ANION TOTALS IN EPM 7.05

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00285

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074034

NAME OF SAMPLE SOURCE... RIZZI RANCH HOT SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 45N 54E 20 SW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-46.3 N 115-55.4 W
 UTM ZONE... +11
 NORTHING... 4624772.
 EASTING... 589488.

MAP REFERENCE..... WELLS 1:250000, MOUNTAIN CITY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.0
 DISCHARGE..... 20. L/MIN
 OTHER SAMPLE INFORMATION.. FOUR SPRINGS - WATER USED FOR BATHING. TEMPERATURE RANGES FROM 40 - 41 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A.(1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF PAPER 492 (NO.21)

RECORD 00286

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0001019

NAME OF SAMPLE SOURCE... ROWLAND HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 46N 056E 14 NW
 STATE..... NEVADA
 COUNTY..... ELKO

COORDINATES

OTHER LOCALITY INFORMATION: NEVADA ON BRUNEAU RIVER

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/09/03 WHITE, DON E. AND COATS, R.
 TEMPERATURE (C)..... 40.
 DISCHARGE..... Q 114. L/MIN
 DEPOSITS OR ALTERATION... REPORTED TO DEPOSIT NATIVE QUICKSILVER BUT NONE FOUND. NO SIGNIFICANT DEPOSITS

WATER ANALYSIS

DATE/ANALYST..... 1958/04/02 WHITEHEAD, H. C. AND SCHUCH, H. P.
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 626.
 ALKALINITY..... 21. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 442.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... N LI... N

AL.... N CR..... MG... N
 AS.... CS..... MN... N
 AU.... CU..... MO... SI02. 96.
 B..... 0.41 F..... 14. NA... 134.
 BA.... FE+3..... NA+K. S04.. 46.
 BE.... FE(TOT). 0.04
 CA.... 8.4 HC03..... 260. NO3.. 0.1
 CL.... 11.
 CO.... K..... 4.0

QUALIFICATION FIELD..... DISCHARGE IS TOTAL DISCHARGE OF ALL SPRINGS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00287

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074274

NAME OF SAMPLE SOURCE... SAN JACINTO RANCH (MINERAL) SPRING
 WARING NUMBER..... 22B

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 46N 64E 23 NW OF NW LAT/LONG... 41-52.0 N 114-41.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4637328.
 GEOLOGIC PROVINCE.. EASTING.... 691304.

MAP REFERENCE..... WELLS 1:250000, DELAPLAIN 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 52.2
 DISCHARGE..... 4542. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGES FROM 25.6 TO 52.2 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492, NO. 22B

RECORD 00288

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074275

NAME OF SAMPLE SOURCE... SAN JACINTO RANCH (MINERAL) SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 46N 64E 23 LAT/LONG... 41-51.6 N 114-41.4 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4636599.
 GEOLOGIC PROVINCE.. EASTING.... 691739.

MAP REFERENCE..... WELLS 1:250000, DELAPLAIN 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1941/06/28
 TEMPERATURE (C)..... 64.4

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
 AL.... CR..... MG... 15.
 B..... F..... NA... 124.

BA..... FE+3..... NA+K. S04.. 42.
 CA..... 69. HCO3..... 528.
 CL..... 19.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MILLER, M. R., HARDMAN, G., AND MASON, H. G., 1953, IRRIGATION WATERS IN NEVADA : NEVADA
 UNIV. RENO, AGR. EXPT STA. BULL 187

RECORD 00289

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074775

NAME OF SAMPLE SOURCE... SAN TACINTO RANCH MINERAL SPRING AREA

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 46N 064E 23 NW OF NW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-52.1 N 114-41.7 W
 UTM ZONE... +11
 NORTHING... 4637513.
 EASTING.... 691299.

MAP REFERENCE..... WELLS AMS, DELEPLAIN 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/01/24
 TEMPERATURE (C)..... 25.6
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS AND SHALLOW WELLS.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 245.
 TOTAL DISSOLVED SOLIDS... 149.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	8.6		
AU.....	CU.....	MO...		SI02.	18.
B..... N	F..... 0.5	NA...	13.		
BA.....	FE+3.....	NA+K.		S04..	11.
BE.....	FE(TOT). N				
CA..... 25.	HCO3..... 132.	N03..	0.1		
CD.....	H2S.....	P04..	N		
CL..... 3.9					
CO.....	K..... 3.9				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 0.6, RSC = 0.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MOORE, D. O., AND EAKIN, T. E., 1968

RECORD 00290

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074728

NAME OF SAMPLE SOURCE... SHOSHONE WARM SPRINGS

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 47N 065E 11 NE OF SW SW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-58.3 N 114-34.7 W
 UTM ZONE... +11
 NORTHING... 4649254.
 EASTING.... 700658.

MAP REFERENCE..... WELLS 1:250000, DELAPLAIN 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/17
 TEMPERATURE (C)..... 35.
 OTHER SAMPLE INFORMATION.. POND IS ON FLOOD PLAIN OF SHOSHONE CREEK AND IS APPROXIMATELY 25 FT IN DIAMETER. WATER BUBBLES UP FROM SANDY POOLS IN CENTER OF POND.

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 400.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG...	11.		
AU.....	CU.....	MO...		SI02.	21.
B.....	F.....	NA...	19.		
BA.....	FE+3.....	NA+K.		S04..	19.
CA..... 35.	HCO3..... Q 190.				
CL..... 2.					
CO.....	K..... 6.6				

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-9-11
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00291

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074732

NAME OF SAMPLE SOURCE... SPRING NEAR WILSON RESERVOIR

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	43N 05E	19 SW OF NW NW	LAT/LONG...	41-37.0 N 116-17.8 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	ELKO			NORTHING...	4607243.
GEOLOGIC PROVINCE..				EASTING....	558598.
MAP REFERENCE.....	MCDERMITT 1:250000, WILSON RESERVOIR 1:62500				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/20
 TEMPERATURE (C)..... 51.
 OTHER SAMPLE INFORMATION.. 3 SMALL POOLS APPROXIMATELY 20 FT ACROSS AND 3 FT DEEP. POOLS CONTAIN THERMOPHYLLIC ALGAE AND AREA IS COVERED WITH AGATE. A NEARBY LINEAR TROUGH POSSIBLY ONCE USED AS A CATTLE DIP.

WATER ANALYSIS

PH..... 7.
 SPECIFIC CONDUCTANCE..... 875.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG...	5.8		
AU.....	CU.....	MO...		SI02.	41.
B.....	F.....	NA...	146.		
BA.....	FE+3.....	NA+K.		S04..	37.
CA..... 39.	HCO3..... Q 476.				
CL..... 17.					
CO.....	K..... 19.				

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-8-4
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00292

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074153

NAME OF SAMPLE SOURCE... SULFUR HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	31N 59E 11 NW	LAT/LONG... 40-51.1 N 115-45.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... ELKO		NORTHING... 4522827.
GEOLOGIC PROVINCE..		EASTING.... 605085.
MAP REFERENCE..... ELKO 1:250000, LAMOILLE 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 96.0
 OTHER SAMPLE INFORMATION.. 76 WATER SAMPLES FROM WITHIN 137 METERS OF MAIN POOL. SPECIFIC CONDUCTANCE AVERAGED.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 599.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... OLMSTEAD, F. H., GLANCY, P. A., HARRILL, J. R., RUSH, F. E., AND VAN DENBURGH, A. S., 1975,
 PRELIM HYDROGEOLOGIC APPRAISAL OF SELECTED HYDROTHERMAL SYSTEMS IN NORTHERN AND CENTRAL NEVADA; US GEOL SURVEY
 OPEN-FILE REPORT 75-56.

RECORD 00293

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074375

NAME OF SAMPLE SOURCE... SULFUR HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	31N 59E 11 NE OF NW	LAT/LONG... 40-35.2 N 115-17.1 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... ELKO		NORTHING... 4494077.
GEOLOGIC PROVINCE..		EASTING.... 645139.
MAP REFERENCE..... ELKO 1:250000, LAMOILLE 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.0
 OTHER SAMPLE INFORMATION.. WATER FLOWS FROM SEVERAL POOLS ON MOUND OF SPRING DEPOSITED MINERALS.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 660.
 TOTAL DISSOLVED SOLIDS... 400.

ANALYSIS IN PPM

AL.....	CR.....	MG...	5.8		
AU.....	CU.....	MO...		SI02.	72.
B..... 0.04	F..... 8.0	NA+K.	106.	S04..	59.
BA.....	FE+3....	NO3..	0.5		
CA..... 18.	HCO3.... 242.				
CL..... 12.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., MAXEY, G. B., ROBINSON, T. W., FREDRICKS, J. C., AND LOELTZ, O. J., 1951,
 CONTRB. HYDROLOGY E. NEVADA; NEV DEPT CONSV/NAT RESRS; WAT RESRS BL 12

RECORD 00294

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000587

NAME OF SAMPLE SOURCE... SULPHUR HOT SPRINGS (HOT SULPHUR SPRINGS)

LOCATION
 COUNTRY..... UNITED STATES 31N 59E 11 NW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELKO 1:250000,LAMOILLE 1:62500

COORDINATES
 LAT/LONG... 40-35.20 N 115-17.08 W
 UTM ZONE... +11
 NORTHING... 4494078.
 EASTING.... 645167.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 SAMPLE NUMBER..... 1
 TEMPERATURE (C)..... 93.
 DISCHARGE..... 75. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... SILICA APRON DEPOSITED AT SPRING
 PERTINENT LITHOLOGY..... ALLUVIUM, GRANITES AND METAMORPHIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 601.
 ALKALINITY..... 274. AS HCO3

ISOTOPES (0/00)
 DEL D OF WATER..... -130.1
 DEL O(18) OF WATER... -16.09

ANALYSIS IN MG/L

AG.....	CO3.....	LI... 0.46	SB...
AL..... 0.17	CR.....	MG... 0.03	SC...
AS.....	CS..... L 0.1	MN... L 0.02	
AU.....	CU..... L 0.01	MO...	SI02. 210.
B..... 0.2	F..... 18.	NA... 135.	
BA.....	FE+3.....	NA+K.	S04.. 40.
BE.....	FE(TOT). L 0.02	NB...	SR... 0.05
BI.....	GA.....	NH4.. 0.26	
CA..... 1.0			
CA+MG.	HG..... 0.0015		
CD.....	H2S.....	P04.. 0.06	
CL..... 23.	I.....	RB... 0.12	
CO.....	K..... 8.9		

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP
ANALYSIS IN VOLUME %
 CH4.. 1.
 C2H6. N2... 93.
 CO2.. L 1.

ISOTOPES (00/0)

QUALIFICATION FIELD..... BOILING SPRING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00295

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074286

NAME OF SAMPLE SOURCE... THOUSAND SPRINGS

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 40N 69E 04 NW OF NE LAT/LONG... 41-23.0 N 114-09.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4584983.
 GEOLOGIC PROVINCE.. EASTING.... 737199.
 MAP REFERENCE..... WELLS 1:250000, MONTELL0 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 43.9
 DEPOSITS OR ALTERATION.... TRAVERTINE DEPOSIT.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOSE, R. K. AND TAYLOR, B. E., 1974, GEOTHERMAL SYSTEMS OF NORTHERN NEVADA; US GEOL. SURVEY
 OPEN-FILE REPORT 74-271

RECORD 00296

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0074154

NAME OF SAMPLE SOURCE... TROUT CREEK RANCH WELL, GOOSE CREEK AREA

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 46N 69E 15 NW OF NE LAT/LONG... 41-53.0 N 114-07.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4640621.
 GEOLOGIC PROVINCE.. EASTING.... 738968.
 MAP REFERENCE..... WELLS 1:250000, GOOSE CREEK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1956/09/03
 TEMPERATURE (C)..... 43.3
 WELL DEPTH (M)..... 75.
 OTHER SAMPLE INFORMATION.. WELL IS FLOWING.

WATER ANALYSIS
 PH..... 8.3
 SPECIFIC CONDUCTANCE..... 242.
 TOTAL DISSOLVED SOLIDS... 157.

<u>ANALYSIS IN PPM</u>		<u>ISOTOPES (0/00)</u>	
AG....	C03..... 1.	MG...	5.7
AL....	CR.....	MO...	SI02. 21.
AU....	CU.....	NA...	24.
B....	F..... 0.6	NA+K.	S04.. 22.
BA....	FE+3....		
BE....	FE(TOT). 0.18		
CA.... 16.	HCO3.... 118.	N03.. N	
CD....	H2S.....	P04.. N	
CL.... 2.			
CO....	K..... 5.6		

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MOORE, D. O. AND EAKIN, T. E., 1968, GROUND-WATER APPRAISAL SNAKE RIVER TRIBUTARIES,
 ELKO-HUMBOLDT CO, NEV; NEV DEPT CONSV/NAT RES; WAT RES RECN 48

RECORD 00297

GEO THERM FILE ID: 0074773

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... TROUT CREEK RANCH WELL
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE COORDINATES
 STATE..... NEVADA 46N 06E 02 SW OF SE LAT/LONG... 41-53.9 N 114-06.3 W
 COUNTY..... ELKO UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4642329.
 MAP REFERENCE..... WELLS AMS, GOOSE CREEK 1:62500 EASTING.... 740156.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/10/03
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 75.
 OTHER SAMPLE INFORMATION.. FLOWING.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 261.
 TOTAL DISSOLVED SOLIDS... 166.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG... 8.			
AU.....	CU.....	MO... 27.	SI02..		
B.....	F..... 0.4	NA... 8.5	S04..	11.	
BA.....	FE+3.....				
BE.....	FE(TOT).. 0.06				
CA..... 30.	HC03..... 132.	N03.. N			
CD.....	H2S.....	P04.. N			
CL..... 3.9					
CO.....	K..... 5.4				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MOORE, D. O., AND EAKIN, T. E., 1968

RECORD 00298

GEO THERM FILE ID: 0000816

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING (HOT CREEK)
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE COORDINATES
 STATE..... NEVADA 28N 52E 12 NW LAT/LONG... 40-19.6 N 116-03.6 W
 COUNTY..... ELKO UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4456510.
 MAP REFERENCE..... WINNEMUCCA 1:250000, PINE VALLEY 1:62500 EASTING.... 635374.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 26.0
 DISCHARGE..... 6000. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... NO SPRING DEPOSITS DETECTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.3

SPECIFIC CONDUCTANCE..... 408.
 ALKALINITY..... 228. AS HC03
ANALYSIS IN MG/L
 AG..... CO3..... LI... 0.02 SB...
 AL..... 0.001 CR..... MG... 24. SC...
 AS..... CS..... L 0.1 MN... L 0.02
 AU..... CU..... 0.02 MO... SI02. 20.
 B..... 0.03 F..... L 0.1 NA... 10.
 BA..... FE+3..... NA+K. S04.. 27.
 BE..... FE(TOT). L 0.02 NB... SR... 0.2
 CA..... 46. HG..... 0.0001
 CA+MG. H2S..... P04.. 0.12
 CD..... I..... RB... 0.02
 CL..... 4.6 K..... 2.1
 CO.....

ISOTOPES (0/00)
 DEL D OF WATER..... -126.7
 DEL O(18) OF WATER... -16.28

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE
 MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00299

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000825

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING (WILD HORSE RESERVOIR)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 43N 55E 04 SE
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, WILD HORSE 1:62500

COORDINATES
 LAT/LONG... 41.33.7 N 115-46.5 W
 UTM ZONE... +11
 NORTHING... 4601622.
 EASTING.... 602149.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 TEMPERATURE (C)..... 54.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 818.
 ALKALINITY..... 482. AS HC03

ANALYSIS IN MG/L
 AG..... CO3..... LI... 0.5 SB...
 AL..... CR..... MG... 12. SC...
 AU..... CU..... MO... SI02. 40.
 B..... 0.67 F..... 5.2 NA... 130.
 BA..... FE+3..... NA+K. S04.. 40.
 CA..... 48.
 CL..... 14.
 CO..... K..... 22.

ISOTOPES (0/00)
 DEL D OF WATER..... -140.2
 DEL O(18) OF WATER... -17.85

QUALIFICATION FIELD..... HIGH CALCIUM AND BICARBONATE, LOW CHLORIDE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE

MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00300

GEO THERM FILE ID: 0000826

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING (SSE PATSVILLE)
 LOCATION TOWNSHIP=RANGE
 COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, MOUNTAIN CITY 1:62500
 OTHER LOCALITY INFORMATION: UNSURVEYED

COORDINATES

LAT/LONG... 41-05. N 115-55. W
 UTM ZONE... +11
 NORTHING... 4548361.
 EASTING... 590998.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 TEMPERATURE (C)..... 41.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 624.
 ALKALINITY..... 380. AS HCO3

ANALYSIS IN MG/L

AG....		CO3.....		LI...	0.4	SB...	
AL....		CR.....		MG...	7.7	SC...	
AU....		CU.....		MO...		SI02.	23.
B....	0.22	F.....	3.4	NA...	110.	S04..	36.
BA....		FE+3....		NA+K.			
CA....	29.						
CL....	4.4						
CO....		K.....	8.3				

ISOTOPES (0/00)

DEL D OF WATER..... -140.8
 DEL O(18) OF WATER... -18.21

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00301

GEO THERM FILE ID: 0000813

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR WELLS (3)
 LOCATION TOWNSHIP=RANGE
 COUNTRY..... UNITED STATES 38N 62E 20 SE
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, OXLEY PEAK 1:24000

COORDINATES

LAT/LONG... 41-09.5 N 114-59.1 W
 UTM ZONE... +11
 NORTHING... 4558079.
 EASTING... 669068.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 BARNES GROUP
 SAMPLE NUMBER..... 3
 WATER TREATMENT..... PRESSURE - FILTERED THROUGH A .45 MICROMETRE MEMBRANE, PORTION ACIDIFIED, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

ANALYSIS IN MG/L

AG....		CO3.....		LI...		SB...	
--------	--	----------	--	-------	--	-------	--

ISOTOPES (0/00)

DEL D OF WATER..... -134.7

AL..... 0.001
 AS..... CS..... L 0.1 MN... L 0.02
 AU..... CU..... L 0.01
 BE..... FE(TOT). 0.02
 CA+MG. HG..... L 0.0001
 CL..... I..... RB... 0.25

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ISOTOPES (00/0)

ANALYSIS IN VOLUME %

CH4.. 2.
 C2H6. N2... 3.
 CO2.. 96.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00302

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000824

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR WELLS (76)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 38N 62E 17 NE
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

LAT/LONG... 41-59.5 N 114-11.2 W
 UTM ZONE... +11
 NORTHING... 4652467.
 EASTING... 733040.

MAP REFERENCE..... WELLS 1:250000, OXLEY PEAK 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 BARNES GROUP

WATER TREATMENT..... PRESSURE-FILTERED THROUGH A .45 MICROMETRE MEMBRANE, PORTION ACIDIFIED, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG..... CO3..... LI... SB...
 AL..... 0.002 CR..... MG... SC...
 AS..... CS..... L 0.1 MN... 0.09
 AU..... CU..... L 0.01
 BE..... FE(TOT). L 0.02
 CA+MG. HG..... L 0.0001
 CL..... I..... RB... 0.32

DEL D OF WATER..... -136.6
 DEL O(18) OF WATER... -16.95

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ISOTOPES (00/0)

ANALYSIS IN VOLUME %

CH4.. L 1.
 C2H6. N2... 4.
 CO2.. 93.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00303

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000585

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR WELLS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... NEVADA 38N 62E 17 NE
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, OXLEY P-AK 1:24000

COORDINATES
 LAT/LONG... 41-10.91 N 114-59.37 W
 UTM ZONE... +11
 NORTHING... 4560679.
 EASTING.... 668630.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 TEMPERATURE (C)..... 61.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 PERTINENT LITHOLOGY..... SPRING SURROUNDED BY LACUSTRINE ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 1650.
 ALKALINITY..... 1135. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....	LI... 0.8	SB...			
AL..... 0.004		CR.....	MG... 37.	SC...			
AS.....		CS..... L 0.1	MN... 0.12				
AU.....		CU..... L 0.01	MO...	SI02.	105.		
B..... 0.89		F..... 7.2	NA... 300.	S04..	32.		
BA.....		FE+3.....	NA+K.				
BE.....		FE(TOT). 0.04					
CA..... 75.							
CA+MG.		HG..... 0.0002					
CL..... 27.		I.....	RB... 0.3				
CO.....		K..... 31.					

ISOTOPES (0/00)

DEL D OF WATER..... -138.3
 DEL O(18) OF WATER... -16.99

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

CH4.. 1.			
C2H6.		N2... 93.	
CO2.. L 1.			

ISOTOPES (00/0)REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
 OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00304

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000633

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR CARLIN
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... NEVADA 33N 52E 28
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, CARLIN 1:62500

COORDINATES

LAT/LONG... 40-43. N 116-08. W
 UTM ZONE... +11
 NORTHING... 4505550.
 EASTING.... 573277.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 TEMPERATURE (C)..... 79.0

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 PERTINENT LITHOLOGY..... ALLUVIUM AND VOLCANIC ROCKS AROUND SPRING.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 625.
 ALKALINITY..... 335. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	SB...
AL.....	CR.....	MG... 15.	SC...
AU.....	CU.....	MO...	SI02. 70.
B.....	F.....	NA... 45.	
BA.....	FE+3....	NA+K.	S04.. 52.
CA..... 60.			
CL..... 12.			
CO.....	K..... 16.		

ISOTOPES (0/00)

DEL D OF WATER..... -132.7
 DEL O(18) OF WATER... -16.64

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
 OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00305

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000814

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR WELLS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 38N 62E 20
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WELLS 1:250000, OXLEY P AK 1:24000

LAT/LONG... 41-09.7 N 114-59.1 W
 UTM ZONE... +11
 NORTHING... 4558449.
 EASTING.... 669059.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 SAMPLE NUMBER..... 1
 TEMPERATURE (C)..... 50.0

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 753.
 ALKALINITY..... AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI... 0.8	SB...
AL.....	CR.....	MG... 0.3	SC...
AU.....	CU.....	MO...	SI02. 165.
B..... 1.2	F..... 10.	NA... 160.	
BA.....	FE+3....	NA+K.	S04.. 61.
CA..... 12.	HCO3.... 345.		
CL..... 22.			
CO.....	K..... 16.		

ISOTOPES (0/00)

DEL D OF WATER..... -135.4
 DEL O(18) OF WATER... -16.91

OTHER ANALYTICAL DATA... MIXED WATER: LOW CALCIUM AND CHLORIDE, HIGH SILICA.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA, MARINER, PRESSER, RAPP, WILLEY, THE
 MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00306

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000827

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR RUBY MARSH

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 27N 58E 02 NW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-15.0 N 115-46.5 W
 UTM ZONE... +11
 NORTHING... 4456015.
 EASTING.... 604187.

MAP REFERENCE..... ELKO 1:250000, RUBY LAKE NW 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.

TEMPERATURE (C)..... 65.0

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 8.0

SPECIFIC CONDUCTANCE..... 600.

ALKALINITY..... 377. AS HCO3

ANALYSIS IN MG/L

AG....	CO3.....	LI....	SB....		
AL....	CR.....	MG.... 12.	SC....		
AU....	CU.....	MO....	SI02. 50.		
B....	F.....	NA.... 58.	S04.. 24.		
BA....	FE+3....	NA+K.			
CA.... 45.					
CL.... 6.5					
CO....	K..... 14.				

ISOTOPES (0/00)

DEL D OF WATER..... -132.8
 DEL O(18) OF WATER... -16.24

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA, MARINER, PRESSER, RAPP, WILLEY, THE
 MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00307

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074726

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 33N 053E 08 NW
 STATE..... NEVADA
 COUNTY..... ELKO
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-45.8 N 116-02.7 W
 UTM ZONE... +11
 NORTHING... 4512713.
 EASTING.... 580606.

MAP REFERENCE..... WINNEMUCCA 1:250000, HUNTSMAN RANCH 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/20

TEMPERATURE (C)..... Q 64.

OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS DISCHARGE FROM HILLSIDE, BUT ONLY ONE IS HOT.

WATER ANALYSIS

PH..... 6.9

SPECIFIC CONDUCTANCE..... 1130.
ANALYSIS IN PPM
 AL..... CR..... MG... 5.9
 AU..... CU..... MO... SI02. 52.
 B..... F..... NA... 231.
 BA..... FE+3..... NA+K. S04.. 25.
 CA.... 15. HCO3.... 690.
 CL.... 10.
 CO.... K..... 27.
 QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING. OTHER SPRING TEMPERATURES 15-20 C.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-11-25
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00308

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074729

NAME OF SAMPLE SOURCE... UNNAMED SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 38N 059E 14 NE OF SW SE LAT/LONG... 41-10.8 N 115-16.9 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4559950.
 GEOLOGIC PROVINCE.. EASTING.... 644127.
 MAP REFERENCE..... WELLS 1:250000, TWIN BUTTES 1:24000

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1978/08/18
 TEMPERATURE (C)..... 36.
 OTHER SAMPLE INFORMATION.. SPRING IS A 6 FT SQUARE MAN-MADE CATTLE WATER TANK.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1990.
ANALYSIS IN PPM ISOTOPES (0/00)
 AL..... CR..... MG... 0.45
 AU..... CU..... MO... SI02. 151.
 B..... F..... NA... 450.
 BA..... FE+3..... NA+K. S04.. 2.
 CA.... 3.1 HCO3.... 0 1149.
 CL.... 31.
 CO.... K..... 36.

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-9-10
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00309

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074730

NAME OF SAMPLE SOURCE... UNNAMED WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 38N 059E 11 SW OF NE SW LAT/LONG... 41-11.7 N 115-17.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ELKO NORTHING... 4561610.

EASTING.... 643815.

GEOLOGIC PROVINCE..

MAP REFERENCE..... WELLS 1:250000, TWIN BUTTES 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/18

TEMPERATURE (C)..... 30.

OTHER SAMPLE INFORMATION.. ARTESIAN FLOW OF WATER THROUGH A SMALL PIPE.

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE..... 1600.

ANALYSIS IN PPM

AL....	CR.....	MG...	0.8	SI02.	132.
AU....	CU.....	MO....			
B.....	F.....	NA....	358.	S04..	2.
BA....	FE+3....	NA+K.			
CA....	6.5	HC03....	959.		
CL....	25.				
CO....		K.....	33.		

ISOTOPES (0/00)

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NK-11-9-9

REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00310

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000932

NAME OF SAMPLE SOURCE... WILD HORSE HOT SPRING

LOCATION

COUNTRY..... UNITED STATES

STATE..... NEVADA

COUNTY..... ELKO

GEOLOGIC PROVINCE..

OTHER LOCALITY INFORMATION: WILDHORSE, NEVADA

TOWNSHIP-RANGE

43N 55E 04 SE

COORDINATES

LAT/LONG... 41-33.7 N 115-46.5 W
 UTM ZONE... +11
 NORTHING... 4601622.
 EASTING... 602149.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/06/12 COATS, R. R.

TEMPERATURE (C)..... 58.0

DISCHARGE..... 1.9 L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1959/01/23 WHITEHEAD, H. C.

PH..... 7.7

SPECIFIC CONDUCTANCE..... 802.

ALKALINITY..... 119. AS CAC03

TOTAL DISSOLVED SOLIDS... 477.

ANALYSIS IN PPM

AG....	CO3..... N	LI....	0.6		
AL....	0.3	CR.....	9.7		
AS....	N	CS.....			
AU....		CU.....		SI02.	42.
B.....	0.85	F.....	5.2	NA....	127.
BA....		FE+3....		NA+K.	48.
BE....		FE(TOT). N			
BI....		GA.....		NH4..	1.2
BR....	N				
CA....	3.2	HC03....	428.	N03..	0.9
CD....		H2S..... N		P04..	0.06

ISOTOPES (0/00)

CL.... 14. I..... 0.1
 CO.... K..... 20.
 OTHER ANALYTICAL DATA... NO2 .02 PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE

RECORD 00311

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074146

NAME OF SAMPLE SOURCE... WINE CUP RANCH

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	41N 64E 25 NW OF SE	LAT/LONG... 41-24.55 N 114-40.45 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	ELKO		NORTHING... 4586578.
GEOLOGIC PROVINCE..			EASTING... 694404.
MAP REFERENCE.....	WELLS 1:250000, WINE CUP RANCH 1:24000		
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/06/21
 TEMPERATURE (C)..... 58.9
 WELL DEPTH (M)..... 21.
 OTHER SAMPLE INFORMATION.. HOT WATER PIPED TO RANCH BUILDING AND SWIMMING POOL.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 850.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3.....	18.			
AL....	CR.....		MG... 17.		
BA....	FE+3....		NA+K. 139.	S04.. 69.	
CA.... 49.	HCO3....	426.			
CL.... 30.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1968B, GROUND-WATER APPRAISAL OF THOUSAND SPRINGS CREEK VALLEY, ELKO CO.
 NEVADA: NEV. DEPT. CONSV/NAT. RESRS.; WATER RESRS. RECONN. SR 50.

RECORD 00312

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074177

NAME OF SAMPLE SOURCE... ALKALI SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	01S 41E 26 NW	LAT/LONG... 37-49.3 N 117-20.8 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	ESMERALDA		NORTHING... 4185880.
GEOLOGIC PROVINCE..			EASTING... 469489.
MAP REFERENCE.....	GOLDFIELD 1:250000, ALKALI 1:24000		
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/01/18
 TEMPERATURE (C)..... 60.0
 DISCHARGE..... 50. L/MIN

WATER ANALYSIS

PH..... 8.1

SPECIFIC CONDUCTANCE..... 1840.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL..... CR..... MG... 4.6
 BA..... FE+3..... NA+K. 349. S04.. 492.
 CA..... 46. HCO3..... 348.
 CL..... 68.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1968A; GROUND-WATER APPRAISAL OF CLAYTON VALLEY - STONEWALL-FLAT AREA, NYE CO
 NEV; NEV DEPT CONSV/NAT RES; WAT RES RECONN SER RP 45

RECORD 00313

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074279

NAME OF SAMPLE SOURCE... ALKALI SPRINGS
 WARING NUMBER..... 112

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01S 41E 26 NW
 STATE..... NEVADA
 COUNTY..... ESMERALDA
 GEOLOGIC PROVINCE..

LAT/LONG... 37-49.3 N 117-20.8 W
 UTM ZONE... +11
 NORTHING... 4185880.
 EASTING.... 469489.

MAP REFERENCE..... GOLDFIELD 1:250000, ALKALI 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGES FROM 48.9 TO 60 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965; THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 US GEOL. SURVEY PROF. PAPER 492, NO. 112

RECORD 00314

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000931

NAME OF SAMPLE SOURCE... ALKALI SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 01S 41E 26
 STATE..... NEVADA
 COUNTY..... ESMERALDA
 GEOLOGIC PROVINCE..

LAT/LONG... 37-49.5 N 117-20.1 W
 UTM ZONE... +11
 NORTHING... 4186246.
 EASTING.... 470517.

OTHER LOCALITY INFORMATION: 11 MILES NW OF GOLDFIELD

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0
 DISCHARGE..... Q 177. L/MIN
 DEPOSITS OR ALTERATION... TUFA DEPOSIT.
 PERTINENT LITHOLOGY..... ALLUVIUM AND PALEOZOIC ROCKS.
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS 49-60 DEG. C.

WATER ANALYSIS

DATE/ANALYST..... HANKS, A. A.
 TOTAL DISSOLVED SOLIDS... 1082.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... 70.
 AU..... CU..... MO... SI02. 42.
 B..... F..... NA... 282.

BA..... FE+3..... NA+K. S04.. 501.
 BE..... FE(TOT). 5.3
 BI..... GA..... NH4.. T
 CA..... 46. HCO3..... 142.
 CL..... 64.

QUALIFICATION FIELD..... FLOW RATE IS PUMPED.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MEINZER, O.E., 1917, USGS WATER-SUPPLY PAPER 423, P. 153-154. RANSOME, F.L., 1909, PROF. PAPER 66, PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00315

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074713

NAME OF SAMPLE SOURCE... EMIGRANT WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 01N 038E 06 NW

COORDINATES

STATE..... NEVADA
 COUNTY..... ESMERALDA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... GOLDFIELD 1:250000, RHYOLITE RIDGE 1:62500

LAT/LONG... 37-58.3 N 117-48.4 W
 UTM ZONE... +11
 NORTHING... 4202773.
 EASTING.... 429147.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/09/07
 TEMPERATURE (C)..... 25.
 OTHER SAMPLE INFORMATION.. THIS IS A WINDMILL-PUMPED WELL THAT SUPPLIES WATER TO A CATTLE TANK.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 4400.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AL..... CR..... MG... 2.0
 AU..... CU..... MO... SI02. 48.
 B..... F..... NA... 875.
 BA..... FE+3..... NA+K. S04.. 1120.
 CA..... 71. HCO3..... 56.
 CL..... 625.
 CO..... K..... 2.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-8-10
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00316

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074753

NAME OF SAMPLE SOURCE... EMIGRANT WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 01N 038E 06 NW

COORDINATES

STATE..... NEVADA
 COUNTY..... ESMERALDA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... GOLDFIELD 1:250000, RHY LITE RIDGE 1:62500

LAT/LONG... 37-58.3 N 117-48.4 W
 UTM ZONE... +11
 NORTHING... 4202773.
 EASTING.... 429147.

SAMPLE DESCRIPTION AND CONDITIONS

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.
 TEMPERATURE (C)..... 26.7

WELL DEPTH (M)..... 99.
 OTHER SAMPLE INFORMATION.. FIRST WATER ENCOUNTERED AT 308 FT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., AND SCHROER, C. V., 1970

RECORD 00317

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074765

NAME OF SAMPLE SOURCE... FISH LAKE VALLEY

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 02N 036E 28 SW OF SW SW LAT/LONG... 37-59.4 N 118-05.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ESMERALDA NORTHING... 4205065.
 GEOLOGIC PROVINCE.. EASTING.... 403845.
 MAP REFERENCE..... MARIPOSA 1:250000, RHYOLITE RIDGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.2
 DISCHARGE..... 1.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 3900.
 ANALYSIS IN PPM
 CL.... 578.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A. S., AND GLANCY, P. A., 1970

RECORD 00318

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074769

NAME OF SAMPLE SOURCE... FISH LAKE VALLEY

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 036E 16 NE OF NW LAT/LONG... 37-56.8 N 117-58.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... ESMERALDA NORTHING... 4200145.
 GEOLOGIC PROVINCE.. EASTING.... 413893.
 MAP REFERENCE..... GOLDFIELD 1:250000, RHY LITE RIDGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/03/15
 TEMPERATURE (C)..... 25.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 1500.
 ANALYSIS IN MG/L

ISOTOPES (0/00)

AG.... CO3..... 7.
 AL.... CR..... MG... N
 BA.... FE+3.... NA+K. 300. S04.. 78.
 CA.... 5. HCO3.... 251.
 CL.... 260.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... RUSH, F. E., AND KATZER, T. L., 1973

RECORD 00319

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074770

NAME OF SAMPLE SOURCE... FISH LAKE VALLEY

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01N 036E 20 SW OF NW
 STATE..... NEVADA
 COUNTY..... ESMERALDA
 GEOLOGIC PROVINCE..

LAT/LONG... 37-55.4 N 118-00.35 W
 UTM ZONE... +11
 NORTHING... 4197580.
 EASTING.... 411595.

MAP REFERENCE..... MARIPOSA 1:250000, DAVIS MTN. 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/25
 TEMPERATURE (C)..... 25.

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 1330.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	7.4		
B.....	F..... 4.2				
BA....	FE+3....	NA+K.	258.	S04..	98.
CA.... 48.	HCO3.... 60.				
CL.... 70.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., AND KATZER, T. L., 1973

RECORD 00320

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074771

NAME OF SAMPLE SOURCE... FISH LAKE VALLEY

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01S 036E 19 NE
 STATE..... NEVADA
 COUNTY..... ESMERALDA
 GEOLOGIC PROVINCE..

LAT/LONG... 37-50.55 N 118-00.9 W
 UTM ZONE... +11
 NORTHING... 4188620.
 EASTING.... 410692.

MAP REFERENCE..... MARIPOSA 1:250000, DAVIS MTN. 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/11/29
 TEMPERATURE (C)..... 25.

WATER ANALYSIS

PH..... 7.
 TOTAL DISSOLVED SOLIDS... 940.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	9.6		
B.....	F..... 4.3				
BA....	FE+3....	NA+K.	268.	S04..	120.
BE....	FE(TOT). 0.17				
CA.... 49.	HCO3.... 614.				
CL.... 74.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR, 1973

RECORD 00321

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074351

NAME OF SAMPLE SOURCE... FISH LAKE VALLEY-NEVADA OIL AND MINERALS VRS NO.1 WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
STATE..... NEVADA 01S 36E 16 NE OF NE LAT/LONG... 37-51.4 N 117-58.8 W
COUNTY..... ESMERALDA UTM ZONE... +11
GEOLOGIC PROVINCE.. NORTHING... 4190159.
MAP REFERENCE..... GOLDFIELD 1:250000, RHYOLITE RIDGE 1:62500 EASTING... 413788.
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/16
TEMPERATURE (C)..... 159.0
WELL DEPTH (M)..... 2798.
OTHER SAMPLE INFORMATION.. WELL IS ABANDONED OIL TEST WELL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... NEVADA OIL AND GAS CONSERVATION COMMISSION, UNPUBL. DATA

RECORD 00322

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074764

NAME OF SAMPLE SOURCE... FISH SPRING

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
STATE..... NEVADA 02N 035E 25 NW OF SW LAT/LONG... 37-59.6 N 118-02.15 W
COUNTY..... ESMERALDA UTM ZONE... +11
GEOLOGIC PROVINCE.. NORTHING... 4205376.
MAP REFERENCE..... MARIPOSA 1:250000, DAVIS MTN. 1:62500 EASTING... 409045.
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/25
TEMPERATURE (C)..... 23.9

WATER ANALYSIS

PH..... 8.3
SPECIFIC CONDUCTANCE..... 363.

ANALYSIS IN MG/L

AG.... CO3..... 1.
AL.... CR..... MG... 4.
B..... 0.42 F..... 1.5 NA+K. 65. SO4.. 38.
CA.... 13. HCO3..... 158.
CL.... 7.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... RUSH, F. E., AND KATZER, T. L., 1973

RECORD 00323

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074766

NAME OF SAMPLE SOURCE... GAP SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES

02N 036E 32 SW

LAT/LONG... 37-58.6 N 118-00.2 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... ESMERALDA

NORTHING... 4203495.

GEOLOGIC PROVINCE..

EASTING... 411879.

MAP REFERENCE..... MARIPOSA 1:250000, RHYOLITE RIDGE 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/24

TEMPERATURE (C)..... 22.8

DISCHARGE..... 10.

WATER ANALYSIS

PH..... 7.9

SPECIFIC CONDUCTANCE..... 4280.

TOTAL DISSOLVED SOLIDS... 2500.

ANALYSIS IN PPMISOTOPEs (0/00)

AG..... CO3..... N

AL..... CR.....

MG... 38.

AS... 0.2

AU..... CU.....

MO... SI02. 23.

B... 9.8 F... 3.2

NA... 792.

BA... FE+3.....

NA+K. S04.. 323.

BE... FE(TOT). 0.8

CA... 38. HCO3... 720.

NO3.. N

CD... H2S.....

PO4.. 0.4

CL... 860.

CO... K..... 60.

OTHER ANALYTICAL DATA... HARDNESS(CACO3) = 254. A SMALL SPOT OF SEVERAL SQUARE FEET AT THE OUTLET OF THE SPRING IS SLIGHTLY RADIOACTIVE. RUNNING WATER HAS THE HIGHEST RADIOACTIVITY, SUGGESTING THAT THE WATER MAY CONTAIN RADON (GARSIDE, 1973).

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... VAN DENBURGH, A. S., GLANCY, P. A., 1970; GARSIDE, L. J., 1973

RECORD 00324

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000817

NAME OF SAMPLE SOURCE... GAP SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES

02N 36E 32

LAT/LONG... 37-54.0 N 117-59.3 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... ESMERALDA

NORTHING... 4194975.

GEOLOGIC PROVINCE..

EASTING... 413106.

OTHER LOCALITY INFORMATION: DIVIDE BETWEEN COLUMBUS AND FISH LAKE VALLEYS, UPPER MOST POOL, WEST SIDE OF GAP

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... MEUSSIG, S.

TEMPERATURE (C)..... 15.0

WATER ANALYSIS

DATE/ANALYST..... 1953/11/17 KRAMER, H.

PH..... 7.9

SPECIFIC CONDUCTANCE..... 4240.
TOTAL DISSOLVED SOLIDS... 2698.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3..... N		LI...	2.6		
AL.....		CR.....		MG...	27.		
AU.....		CU.....		MO...		SI02.	23.
B.....	15.	F.....	6.0	NA...	810.		
BA.....		FE+3.....		NA+K.		S04..	354.
CA.....	90.	HCO3.....	719.	NO3..	1.9		
CL.....	857.						
CO.....		K.....	70.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00325

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074754

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	11S 043E 06 NW	LAT/LONG...	37-01.0 N 117-11.9 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	ESMERALDA		NORTHING...	4096536.
GEOLOGIC PROVINCE..			EASTING....	482356.

MAP REFERENCE..... GOLDFIELD 1:250000, BONNIE CLAIRE SW 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/01/20
TEMPERATURE (C)..... 25.

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG...	2.4
BA.....	FE+3.....	NA+K.	238.
CA.....	9.6		
CL.....	47.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR,1973

RECORD 00326

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074340

NAME OF SAMPLE SOURCE... PEARL HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	01S 40E 25 NW OF SW	LAT/LONG...	37-49.4 N 117-22.5 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	ESMERALDA		NORTHING...	4186075.
GEOLOGIC PROVINCE..			EASTING....	466996.

MAP REFERENCE..... GOLDFIELD 1:250000, PAYMASTER RIDGE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/01/19
TEMPERATURE (C)..... 36.7

OTHER SAMPLE INFORMATION.. TWO SPRINGS.

B..... 0.02 F..... 0.2
 BA..... FE+3..... NA+K. 31. S04.. 22.
 CA..... 1.1 HC03..... 50.
 CL..... 2.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., AND KATZER, T. L., 1973

RECORD 00329

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074281

NAME OF SAMPLE SOURCE... SILVER PEAK HOT SPRINGS, WATERWORKS SPRINGS
 WARING NUMBER..... 111

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	02S 39E 15 SE	LAT/LONG...	37-45.6 N 117-38.2 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	ESMERALDA		NORTHING...	4179173.
GEOLOGIC PROVINCE..			EASTING....	443919.

MAP REFERENCE..... GOLDFIELD 1:250000, SILVERPEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.8
 DISCHARGE..... 1893. L/MIN
 OTHER SAMPLE INFORMATION.. SPRINGS REPORTED TO BE RADIOACTIVE. TEMPERATURE RANGES FROM 20.5 TO 47.8 C. HOT SPRINGS
 USED FOR BATHING. ELEVEN SPRINGS FORMERLY USED FOR TOWN WATER SUPPLY.

OTHER ANALYTICAL DATA... POSSIBLY RADON GAS, LOW URANIUM CONTENT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965; THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 US GEOL. SURVEY PROF. PAPER 492, NO. 111

RECORD 00330

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074752

NAME OF SAMPLE SOURCE... SOUTHERN BIG SMOKEY VALLEY

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	01N 037E 14 NW	LAT/LONG...	37-56.55 N 117-50.2 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	ESMERALDA		NORTHING...	4199560.
GEOLOGIC PROVINCE..			EASTING....	426483.

MAP REFERENCE..... GOLDFIELD 1:250000, RHYOLITE RIDGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 166.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., AND SCHROER, C. V., 1970

RECORD 00331

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074739

NAME OF SAMPLE SOURCE... "COLD" SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 050E 28 NW OF NW SE COORDINATES
 STATE..... NEVADA LAT/LONG... 39-24.3 N 116-20.6 W
 COUNTY..... EUREKA UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4361718.
 MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK EASTING.... 556538.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.1
 DISCHARGE..... N

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., JR., 1968

RECORD 00332

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074741

NAME OF SAMPLE SOURCE... BARTHOLOMAE CORP. WATER WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 051E 18 SW COORDINATES
 STATE..... NEVADA LAT/LONG... 39-26.2 N 116-16.75 W
 COUNTY..... EUREKA UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4365275.
 MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK 1:62500 EASTING.... 562035.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/00/00
 TEMPERATURE (C)..... 23.3
 WELL DEPTH (M)..... 204.
 DISCHARGE..... 14.

OTHER SAMPLE INFORMATION.. FLOWING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., AND EVERETT, D. E., 1964

RECORD 00333

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074742

NAME OF SAMPLE SOURCE... BARTHOLOMAE CORP. WATER WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 051E 30 NW COORDINATES
 STATE..... NEVADA LAT/LONG... 39-24.8 N 116-16.55 W
 COUNTY..... EUREKA UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4362688.
 MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK 1:62500 EASTING.... 562342.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/16
 TEMPERATURE (C)..... 22.2
 DISCHARGE..... 200.

WATER ANALYSIS

PH..... 8.7
 SPECIFIC CONDUCTANCE..... 319.
 ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... C03..... 12.
 AL..... CR..... MG... 7.8
 B..... F..... NA... 36.
 BA..... FE+3..... NA+K. S04.. 28.
 CA..... 24. HCO3..... 135.
 CL..... 7.0

OTHER ANALYTICAL DATA... SAR = 1.6, RSC = 0.37

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., AND EVERETT, D. E., 1964

RECORD 00334

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0000947

NAME OF SAMPLE SOURCE... BARTHOLOMAE HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 50E
 STATE..... NEVADA
 COUNTY..... EUREKA

COORDINATES
 LAT/LONG... 39-24.4 N 116-20.6 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/17 SIMMONS, G. S.
 TEMPERATURE (C)..... 54.0
 OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED AND ANALYZED.

WATER ANALYSIS

DATE/ANALYST..... 1955/04/13
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 295.
 ALKALINITY..... 12. AS CAC03
 TOTAL DISSOLVED SOLIDS... 257.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... C03..... 10. LI... N
 AL..... CR..... MG... 1.7
 AS..... CS..... MN... N
 AU..... CU..... MO... SI02. 87.
 B..... 0.08 F..... 4.0 NA... 65. S04.. 18.
 BA..... FE+3..... NA+K.
 BE..... FE(TOT). 0.02
 CA..... 2.2 HCO3..... 126. NO3.. N
 CD..... H2S..... PO4.. N
 CL..... 6.5
 CO..... K..... 0.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00335

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0000665

NAME OF SAMPLE SOURCE... BARTHOLOMAE HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 50E 28 SE
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-24.32 N 116-20.78 W
 UTM ZONE... +11
 NORTHING... 4361753.
 EASTING... 556279.

MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.

TEMPERATURE (C)..... 54.0

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 9.3

SPECIFIC CONDUCTANCE..... 295.

ALKALINITY..... 144. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	SB...
AL.....	CR.....	MG... L 0.1	SC...
AU.....	CU.....	MO...	SI02. 85.
B.....	F.....	NA... 64.	
BA.....	FE+3.....	NA+K.	S04.. 18.
CA..... 1.			
CL..... 6.3			
CO.....	K..... 0.7		

ISOTOPES (0/00)

DEL D OF WATER..... -127.9
 DEL O(18) OF WATER... -16.28

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00336

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074264

NAME OF SAMPLE SOURCE... BARTINE HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	19N 50E	05 NE OF NE	LAT/LONG... 39-33.5 N 116-21.7 W
STATE..... NEVADA			UTM ZONE... +11
COUNTY..... EUREKA			NORTHING... 4378724.
GEOLOGIC PROVINCE..			EASTING... 554839.

MAP REFERENCE..... MILLET 1:250000, BARTINE RANCH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 42.0

DISCHARGE..... 38. L/MIN

DEPOSITS OR ALTERATION... TUFA

OTHER SAMPLE INFORMATION.. THREE SPRINGS - TWO FLOW FROM TUFA MOUND. FLOWING WELL NEARBY. TEMPERATURE RANGE 40-42 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: US GEOL. SURVEY PROF. PAPER 492, NO. 93A

RECORD 00337

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074263

NAME OF SAMPLE SOURCE... BARTINE HOT SPRINGS, BARTINE RANCH WATER WELL NO. 4

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	19N 50E	17 NE	LAT/LONG... 39-31.7 N 116-21.8 W
STATE..... NEVADA			UTM ZONE... +11
COUNTY..... EUREKA			NORTHING... 4375393.

GEOLOGIC PROVINCE.. EASTING.... 554719.
 MAP REFERENCE..... MILLET 1:250000, BARTINE RANCH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 46.7
 WELL DEPTH (M)..... 148.
 DISCHARGE..... 125. L/MIN
 OTHER SAMPLE INFORMATION.. WELL IS ARTESIAN.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY FILE: EUREKA 34

RECORD 00338

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000810

NAME OF SAMPLE SOURCE... BEOWAWE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 31N 48E 17
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING.... 535281.

OTHER LOCALITY INFORMATION: NORTHERLY OF 2 POOLS ON FLATS

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/16 SIMMONS, G. S.
 TEMPERATURE (C)..... 87.0
 OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED AND ANALYZED.

WATER ANALYSIS

DATE/ANALYST..... 1955/04/13
 SPECIFIC CONDUCTANCE..... 1040.
 ALKALINITY..... 6. AS HCO3
 TOTAL DISSOLVED SOLIDS... 1030.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	157.	LI... 1.2			
AL....		CR.....		MG... 0.9			
AS....		CS.....		MN... N			
AU....		CU.....		MO... 239.	SI02. 392.		
B....	0.93	F.....	16.	NA... 239.	S04.. 93.		
BA....		FE+3....		NA+K.			
BE....		FE(TOT).	0.02				
CA....	1.2	HCO3....	96.	N03.. N			
CD....		H2S.....		P04.. N			
CL....	60.						
CO....		K.....	19.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS

RECORD 00339

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000921

NAME OF SAMPLE SOURCE... BEOWAWE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 31N 048E 17
 STATE..... NEVADA

COORDINATES
 LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11

COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/03/25 FETH, J. H.
 TEMPERATURE (C)..... 97.0

NORTHING... 4488677.
 EASTING.... 535281.

WATER ANALYSIS
 DATE/ANALYST..... 1958/12/18 SCHUCH, J. P.
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 1090.
 ALKALINITY..... 2. AS CAC03
 TOTAL DISSOLVED SOLIDS... 681.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	74.	LI...	1.3		
AL.....	0.69	CR.....		MG...	N		
AS.....	N	CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	49.
B.....	1.2	F.....	14.	NA...	225.	S04..	106.
BA.....		FE+3....		NA+K.			
BE.....		FE(TOT)..	0.02	NH4..	0.8		
BI.....		GA.....					
BR.....	0.2						
CA.....	0.8	HCO3.....	132.	NO3..	N		
CD.....		H2S.....	2.3	PO4..	0.4		
CL.....	46.	I.....	0.1				
CO.....		K.....	27.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00340

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000920

NAME OF SAMPLE SOURCE... BEOWAWE
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 31N 04E 17
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 OTHER LOCALITY INFORMATION: SAMPLE FROM SOUTHERNMOST VENT.

COORDINATES

LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING.... 535281.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/05/25 FETH, J. H.
 TEMPERATURE (C)..... 93.0

WATER ANALYSIS
 DATE/ANALYST..... 1958/12/18 SCHUCH, J. P.
 PH..... 9.7
 SPECIFIC CONDUCTANCE..... 1070.
 TOTAL DISSOLVED SOLIDS... 817.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	120.	LI...	1.5		
AL.....	N	CR.....		MG...	N		
AS.....	0.03	CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	212.
B.....	0.57	F.....	14.	NA...	232.	S04..	101.
BA.....		FE+3....		NA+K.			
BE.....		FE(TOT)..	0.01				

BR..... 0.3
 CA..... N HCO3..... 122. NO3.. N
 CD..... H2S..... 6.0 P04.. 0.15
 CL..... 46. I..... N
 CO..... K..... 22.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00341

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0000934

NAME OF SAMPLE SOURCE... BEOWAWA - ACTIVE GEYSER
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 31N 48E 17
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING.... 535281.

OTHER LOCALITY INFORMATION: SOUTH END OF TERRACE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/16 SIMMONS, G. S.
 TEMPERATURE (C)..... 97.0
 OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED.

WATER ANALYSIS

DATE/ANALYST..... 1955/04/13 MITCHELL
 PH..... 9.8
 SPECIFIC CONDUCTANCE..... 1160.
 ALKALINITY..... 9. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1180.

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG.....	C03.....	199.	LI...	1.2		
AL.....	CR.....		MG...	1.4		
AS.....	CS.....		MN... N			
AU.....	CU.....		MO...		SI02.	448.
B..... 2.2	F.....	14.	NA...	257.	S04..	83.
BA.....	FE+3...		NA+K.			
BE.....	FE(TOT).	0.02				
CA..... 1.2	HCO3.....	100.	NO3..	0.2		
CA+MG.	HG.....		PB... N			
CL..... 50.						
CO.....	K.....	30.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00342

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0000936

NAME OF SAMPLE SOURCE... BEOWAWA - LARGE GEYSER POOL
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 31N 048E 17
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING.... 535281.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/09/01 WHITE, DON E.
 TEMPERATURE (C)..... 96.0
 DISCHARGE..... 284. L/MIN
 DEPOSITS OR ALTERATION.... H2S FROM BASE OF SINTER TERRACE ON ENE FAULT, ADJACENT TO TERTIARY ANDESITE.

WATER ANALYSIS

DATE/ANALYST..... 1958/01/31 WHITEH AD, H. C.
 SPECIFIC CONDUCTANCE..... 1050.
 ALKALINITY..... 2. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1000.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	149.	LI...	1.3		
AL..... N	CR.....		MG...	N		
AS..... 0.02	CS.....		MN...	N		
AU.....	CU.....		MO...		SI02.	373.
B..... 2.0	F.....	15.	NA...	230.		
BA.....	FE+3.....		NA+K.		S04..	89.
BE.....	FE(TOT)..	0.04	NB...		SR...	N
BI.....	GA.....		NH4..	0.5		
BR..... 0.4						
CA..... 0.8	HCO3.....	116.	NO3..	0.4		
CA+MG.	HG.....		PB...	N		
CD.....	H2S.....		PO4..	0.07		
CL..... 30.	I..... N		RB...		ZN...	N
CO.....	K.....	16.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00343

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000788

NAME OF SAMPLE SOURCE... BEOWAWE - MAIN GEYSER

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 31N 048E 17
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING... 535281.

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.
 TOTAL DISSOLVED SOLIDS... 1307.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3..... T					
AL..... T	CR.....		MG...	N		
AU.....	CU.....		MO...		SI02.	418.
BA.....	FE+3.....		NA+K.		S04..	91.
BE.....	FE(TOT).. T					
CA..... T	HCO3.....	512.				
CL..... 70.						

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... NOLAN AND ANDERSON, 1934, AM. J. SCI. 5 SER., V. 27, P. 215.

RECORD 00344

GEO THERM FILE ID: 0000919

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEOWAWE - NEVADA THERMAL WELL NO. 2

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 31N 048E 17
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING.... 535281.

OTHER LOCALITY INFORMATION: WELL 6 MI. WSW BEOWAWE, EUREKA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/09/09 WHITE, D. AND SIGVALDASON, G.
 POINT OF COLLECTION.. CREST OF SINTER TERRACE 30 FT. S OF SPRING
 TEMPERATURE (C)..... 96.0
 DISCHARGE..... 473. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1960/12/09 ROGERS, S. M.
 PH..... 9.7
 SPECIFIC CONDUCTANCE..... 1130.
 ALKALINITY..... 3. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1200.

ANALYSIS IN PPM

AG....		CO3.....	224.	LI...	1.6		
AL....	0.66	CR.....		MG...	0.2		
AS....	N	CS.....		MN...	N		
AU....		CU.....		MO...		SI02.	534.
B....	2.4	F.....	15.	NA...	232.		
BA....		FE+3....		NA+K.		S04..	90.
BE....		FE(TOT). N		NB...		SR...	0.21
BI....		GA.....		NH4..	0.4		
BR....	N						
CA....	0.8	HCO3....	39.	N03..	N		
CD....		H2S.....	11.	P04..	0.06		
CL....	49.	I.....	N				
CO....		K.....	30.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00345

GEO THERM FILE ID: 0000935

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEOWAWE - POOL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 31N 48E 17
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING.... 535281.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/16
 TEMPERATURE (C)..... 89.0

WATER ANALYSIS

DATE/ANALYST..... 1955/04/04 MITCHELL
 PH..... 9.5

SPECIFIC CONDUCTANCE..... 1120.
 ALKALINITY..... 7. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1090.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		C03.....	114.	LI...	1.2		
AL.....		CR.....		MG...	1.2		
AS.....		CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	450.
B.....	1.1	F.....	14.	NA...	235.	S04..	90.
BA.....		FE+3....		NA+K.			
BE.....		FE(TOT)..	0.04				
CA.....	0.8	HCO3.....	234.	N03..	0.1		
CD.....		H2S.....		P04..	N		
CL.....	40.						
CO.....		K.....	28.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00346

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000819

NAME OF SAMPLE SOURCE... BEOWAWE - SPRING 3

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 31N 048E 17
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING.... 535281.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/09/01 WHITE, D. E.
 DISCHARGE..... 23. L/MIN
 WATER TREATMENT..... OPALINE SI02 ADDED WHEN COLLECTED

WATER ANALYSIS

DATE/ANALYST..... 1958/07/11 WHITEHEAD, H. C.
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 1200.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		C03.....	183.				
AL.....		CR.....		MG...	N		
AU.....		CU.....		MO...		SI02.	236.
CA.....	0.8	HCO3.....	150.				
CL.....	70.						

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00347

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000938

NAME OF SAMPLE SOURCE... BEOWAWE - SPRING 3

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 31N 048E 17
 STATE..... NEVADA
 COUNTY..... EUREKA

LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.

EASTING.... 535281.

GEOLOGIC PROVINCE..

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/09/01 WHITE, DON E.
DEPOSITS OR ALTERATION.... SINTER SAND

WATER ANALYSIS

DATE/ANALYST..... 1958/07/09 WHITEHEAD, H. C.
PH..... 9.4
SPECIFIC CONDUCTANCE..... 1250.
ALKALINITY..... 8.0 AS CAC03

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... C03..... 165.
AL.... CR..... MG... 1.0
AU.... CU..... MO... SI02. 219.
CA.... 1.6 HCO3..... 120.
CL.... 55.

QUALIFICATION FIELD..... SI02 VALUE COLORIMETRIC. OTHER SI02 VALUES: NAOH METHOD = 340 PPM; GRAVIMETRIC = 353 PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00348

GEO THERM FILE ID: 000933

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEOWAVE - SPRING 40

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 31N 048E 17
STATE..... NEVADA
COUNTY..... EUREKA
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-33. N 116-35. W
UTM ZONE... +11
NORTHING... 4488677.
EASTING.... 535281.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/09/01
TEMPERATURE (C)..... 94.0
OTHER SAMPLE INFORMATION.. SEEPING DISCHARGE MILKY WHITE WITH SUSPENDED CLAY AND DIATOMS (?)

WATER ANALYSIS

DATE/ANALYST..... 1958/03/07 WHITEHEAD, H. C.
PH..... 2.6
SPECIFIC CONDUCTANCE..... 1840.
ALKALINITY..... 10. AS CAC03
TOTAL DISSOLVED SOLIDS... 1060.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... C03..... N LI... 0.3
AL.... 13. CR..... MG... 1.5
AS.... CS..... MN... 0.05
AU.... CU..... MO... SI02. 210.
B.... 0.12 F..... 0.9 NA... 27.
BA.... FE+3..... NA+K. S04.. 738.
BI.... GA..... NH4.. 41.
CA.... 1.6 HCO3..... N NO3.. 1.8
CL.... 2.
CO.... K..... 8.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00349

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000589

NAME OF SAMPLE SOURCE... BEOWAWE 'STEAM WELL"
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 31N 48E 17 NW
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500

COORDINATES

LAT/LONG... 40-34.20 N 116-34.80 W
 UTM ZONE... +11
 NORTHING... 4490898.
 EASTING.... 535552.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... Q
 WATER TREATMENT..... PRESSURE - FILTERED THROUGH A .45 MICROMETRE MEMBRANE, DILUTED
 PERTINENT LITHOLOGY..... BASALT AND ANDESITE SURROUND THE WELL.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 9.4
 SPECIFIC CONDUCTANCE..... 1490.
 ALKALINITY..... 667. AS HCO3

ANALYSIS IN MG/L

AG....		CO3.....		LI... 2.1	SB...		
AL....		CR.....		MG... 0.2	SC...		
AS.... 0.05		CS..... 0.3		MN... L 0.02			
AU....		CU..... L 0.01		MO... 250.	SI02..	500.	
B.... 2.5		F..... L 0.05		NA... 64.	S04..	0.07	
BA....		FE+3....		NB... 0.15	SR...		
BE....		FE(TOT), L 0.02		NH4.. 0.31			
BI....		GA.....		RB... 0.46			
BR.... 0.1							
CA.... 1.3							
CD....		H2S.....					
CL.... 70.		I..... 0.02					
CO....		K..... 38.					

ISOTOPES (0/00)

DEL D OF WATER..... -113.6
 DEL O(18) OF WATER... -11.07

QUALIFICATION FIELD..... BOILING WATER.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00350

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074130

NAME OF SAMPLE SOURCE... BEOWAWE GEYSERS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 31N 48E 17
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500

COORDINATES

LAT/LONG... 40-33.4 N 116-35.2 W
 UTM ZONE... +11
 NORTHING... 4489416.
 EASTING.... 534995.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 76.5
 DISCHARGE..... 47. L/MIN
 OTHER SAMPLE INFORMATION.. SEVERAL SPECIES OF DIATOMS LIVE IN THE WARM POOLS.

WATER ANALYSIS

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	173.				
AL.....	N	CR.....		MG...	N		
AS.....	N						
AU.....		CU.....		MO...		SI02.	449.
B.....	7.	F.....	11.	NA...	239.	S04..	97.
BA.....		FE+3....		NA+K.			
BE.....		FE(TOT). T					
BI.....		GA.....		NH4..	4.		
CA.....	2.	HCO3.....	129.				
CD.....		H2S.....	N				
CL.....	47.						
CO.....		K.....	33.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NOLAN, T. B. AND ANDERSON, G. H., 1934, GEYSER AREA NEAR BEOWAWE, EUREKA CO., NEVADA: AM
 JOUR. SCI. 5TH SER. V.27, NO.159, P. 215-229

RECORD 00351

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074755

NAME OF SAMPLE SOURCE... BEOWAWE GEYSERS AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	31N 048E	09 SW OF SW SW	LAT/LONG...	40-34.0	N 116-34.6	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	EUREKA			NORTHING...	4490530.		
GEOLOGIC PROVINCE..				EASTING....	535836.		

MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1090.
 TOTAL DISSOLVED SOLIDS... 757.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....		LI...	1.7		
AL.....		CR.....		MG...	1.4		
AU.....		CU.....		MO...		SI02.	125.
B.....	1.7	F.....	11.	NA...	220.	S04..	100.
BA.....		FE+3....		NA+K.			
CA.....	16.	HCO3.....	440.				
CL.....	49.						
CO.....		K.....	17.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... OLMSTED, F. H., AND RUSH, F. E., 1977

RECORD 00352

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074186

NAME OF SAMPLE SOURCE... BEOWAWE GEYSERS HOT SPRING

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 31N 48E 17

LAT/LONG... 40-33.4 N 116-35.2 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... EUREKA

NORTHING... 4489416.

GEOLOGIC PROVINCE..

EASTING.... 534995.

MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/03/10

TEMPERATURE (C)..... 84.0

OTHER SAMPLE INFORMATION.. ASSOCIATED ROCKS ARE FAULTED TERTIARY BASALT.

WATER ANALYSIS

PH..... 9.7

SPECIFIC CONDUCTANCE..... 1006.

TOTAL DISSOLVED SOLIDS... 964.

ANALYSIS IN PPM

AG....		CO3.....	152.	LI...	2.6	SB... L	0.1
AL....		CR.....		MG...	0.82		
AS....	0.0022	CS.....	1.0	MN...	0.014		
AU....		CU.....	L 0.01	MO...		SI02.	345.
B....		F.....	19.	NA...	229.		
BA....	L 0.04	FE+3....		NA+K.		S04..	128.
BE....		FE(TOT)..	0.09	NB...		SR...	0.015
BI....		GA.....		NH4..	0.5		
CA....	9.	HCO3....	N	NO3..	L 0.1		
CA+MG.		HG.....	L 0.0005	PB...	0.06		
CD....		H2S.....		PO4..	L 0.1		
CL....	67.	I.....		RB...	0.266	ZN...	2.3
CO....		K.....	14.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... AG = 0.02 L; BE = 0.005 L; CD = 0.01; CR = 0.02 L; NI = 0.05; SE = 0.001 L; SN = 0.05.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... SANDERS, J. W. AND MILES, M. J., 1974, MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS:

NEVADA UNIV. RENO; DESERT RESH INST; CEN NAT RES RESH RP 26

RECORD 00353

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074076

NAME OF SAMPLE SOURCE... BEOWAWE GEYSERS, ACIDIC SPRING

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 31N 48E 17

LAT/LONG... 40-33.4 N 116-35.2 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... EUREKA

NORTHING... 4489416.

GEOLOGIC PROVINCE..

EASTING.... 534995.

MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 78.0

WATER ANALYSISANALYSIS IN PPMISOTOPES (0/00)

AG....		CO3.....		LI...		SB...	0.005
AS....	0.015	CS.....	0.115	MN...	0.115	SI02.	300.
AU....		CU.....		MO...			
B....		F.....		NA...	250.		
BA....	0.190						
BE....		FE(TOT).	0.670				
BR....	0.120						
CA....	3.	HCO3....		NO3..		U....	0.0005
CL....	42.	I.....		RB...	0.215		
CO....		K.....	31.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG, H., BOWMAN, H., AND ASARO, F. (1977) GEOCHEMICAL STUDIES AT FOUR NORTH, NEVADA
 HOT-SPRING AREAS: CALIF UNIV. LAWRN-BERK-LAB R. 6808

RECORD 00354

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074132

NAME OF SAMPLE SOURCE... BEOWAWE GEYSERS, SIERRA PACIFIC POWER CO. WELL

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	31N 48E 17	LAT/LONG... 40-33.4 N 116-35.2 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	EUREKA		NORTHING... 4489416.
GEOLOGIC PROVINCE..			EASTING... 534995.

MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/00/00
 TEMPERATURE (C)..... 196.1
 WELL DEPTH (M)..... 457.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... ROBERTS, R. J., MONTGOMERY, K. M., AND LEHNER, R. E., 1967, GEOLOGY AND MINERAL RESOURCES
 OF EUREKA CO. NEVADA: NEVADA BUREAU OF MINES BULL. 64

RECORD 00355

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074131

NAME OF SAMPLE SOURCE... BEOWAWE GEYSERS, SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	31N 48E 17	LAT/LONG... 40-33.4 N 116-35.2 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	EUREKA		NORTHING... 4489416.
GEOLOGIC PROVINCE..			EASTING... 534995.

MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 88.0

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....		LI...		SB...	0.013
B....		F.....		NA...	207.		
BA....	0.061						
CA....		HCO3....		NO3..		U....	L 0.00026

CL.... 56.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG, H. A., ASARO, F., BOWMAN, H., MCEVILLY, T., MORRISON, F., AND WITHERSPOON, P.,
 1975, GEOTHERMAL ENERGY RESOURCE ASSESSMENT: CALIF. UNIV. LAWRENCE BERKELEY LABORATORY REPORT UCID-3762, U.S.
 ENERGY RESEARCH AND DEVELOPMENT ADMIN. CONTRACT NO. W-7405-ENG-48

RECORD 00356

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074303

NAME OF SAMPLE SOURCE... BEOWAWE GEYSERS, SPRING

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 31N 04E 17

LAT/LONG... 40-33.4 N 116-35.2 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... EUREKA

NORTHING... 4489416.

GEOLOGIC PROVINCE..

EASTING.... 534995.

MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500

OTHER LOCALITY INFORMATION: NO. 29 OF WHITE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/09/08 WHITE, DON E.

TEMPERATURE (C)..... 96.0

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES OF COORDINATES

WATER ANALYSIS

DATE/ANALYST..... 1950/04/26 BRANNOCK, W. W.

PH..... 9.5

SPECIFIC CONDUCTANCE..... 1062.

TOTAL DISSOLVED SOLIDS... 1100.

ANALYSIS IN PPMISOTOPES (0/00)

AG.... C03..... 161. LI... 1.8 SB... N

AL.... CR..... MG... L 1.

AS.... 0.1

AU.... CU..... MO... SI02. 444.

B.... 2.2 F..... 13. NA... 241.

BA.... FE+3.... NA+K. S04.. 78.

CA.... L 1. HCO3.... 148.

CL.... 44.

CO.... K..... 29.

OTHER ANALYTICAL DATA... S 6.0 PPM B = 0.66% OF EQ.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D.E. (1964) PRELIMINARY EVALUATION OF GEOTHERMAL AREAS BY GEOCHEMISTRY, GEOLOGY, AND
 SHALLOW DRILLING: U.N. CONF. ON NEW SOURCES OF ENERGY, ROME, 1961, PROC. VOL. 2 P. 402-406

RECORD 00357

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074133

NAME OF SAMPLE SOURCE... BEOWAWE GEYSERS, VULCAN THERMAL POWER CO. NO. 1 WELL

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 31N 48E 17 SW OF NW

LAT/LONG... 40-33.5 N 116-35.6 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... EUREKA

NORTHING... 4489598.

GEOLOGIC PROVINCE..

EASTING.... 534430.

MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NW/4, SE/4, SW/4,

NW/4

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/00/00
 TEMPERATURE (C)..... 212.0
 WELL DEPTH (M)..... 195.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SIERRA PACIFIC POWER CO. UNPUBLISHED DATA

RECORD 00358

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000790

NAME OF SAMPLE SOURCE... BEOWAWE HOT SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 31N 48E 08 SE
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500

COORDINATES

LAT/LONG... 40-34. N 116-34. W
 UTM ZONE... +11
 NORTHING... 4490534.
 EASTING.... 536683.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... Q 98.0
 DISCHARGE..... 100. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED.
 DEPOSITS OR ALTERATION.... SILICA APRON DEPOSITED.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 9.0
 SPECIFIC CONDUCTANCE..... 1020.
 ALKALINITY..... 385. AS HCO3

ANALYSIS IN MG/L

AG....		CO3.....		LI... 1.3	SB...		
AL.... 0.082		CR.....		MG... L 0.1	SC...		
AS.... 0.03		CS.....		MN... L 0.02			
AU....		CU..... L 0.01		MO...	SI02.	320.	
B.... 2.1		F..... 17.		NA... 230.			
BA....		FE+3....		NA+K.	S04..	130.	
BE....		FE(TOT). L 0.02		NB...	SR...	0.05	
BI....		GA.....		NH4.. 0.64			
BR.... 0.2							
CA.... 1.0							
CA+MG.		HG..... 0.0017					
CD....		H2S.....		P04.. 0.15			
CL.... 69.		I..... 0.02		RB... 0.2			
CO....		K..... 16.					

ISOTOPES (0/00)

DEL D OF WATER..... -130.0
 DEL O(18) OF WATER... -14.76

OTHER ANALYTICAL DATA... SPRING SUPERHEATED, VERY LOW CALCIUM.
 QUALIFICATION FIELD.... SPRING REPORTED "BOILING".

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00359

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000945

NAME OF SAMPLE SOURCE... BRUFFEY'S HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 27N 52E 14 SW
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-03.1 N 116-04.0 W
 UTM ZONE... +11
 NORTHING... 4433699.
 EASTING... 579612.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/18 SIMMONS, G. S.
 TEMPERATURE (C)..... 57.0

WATER ANALYSIS

PH..... 6.9
 SPECIFIC CONDUCTANCE..... 547.
 ALKALINITY..... 203. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 371.

ANALYSIS IN PPM

AG....		CO3..... N	LI... N		
AL....		CR.....	MG... 19.		
AS....		CS.....	MN... N		
AU....		CU.....	MO... 60.	SI02.	
B..... 0.29		F..... 0.6	NA... 40.	S04..	41.
BA....		FE+3....	NA+K.		
BE....		FE(TOT). 0.02			
CA.... 50.		HCO3.... 282.	NO3.. 0.1		
CD....		H2S.....	P04.. N		
CL.... 14.					
CO....		K..... 7.3			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00360

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000946

NAME OF SAMPLE SOURCE... BRUFFEY'S HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 27N 52E 14
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-03.1 N 116-04.0 W
 UTM ZONE... +11
 NORTHING... 4433699.
 EASTING... 579612.

OTHER LOCALITY INFORMATION: 7 MI. NE MINERAL

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/23 HEWETT, D. F.
 TEMPERATURE (C)..... 65.5

DISCHARGE..... 189. L/MIN
 OTHER SAMPLE INFORMATION.. CLEAR APPEARANCE

WATER ANALYSIS

DATE/ANALYST..... 1954/09/10 BRENNAN, R.
 PH..... 7.0
 SPECIFIC CONDUCTANCE..... 540.
 ALKALINITY..... 196. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 380.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N	LI...	0.2		
AL....		CR.....	MG...	16.		
AU....		CU.....	MO...		SI02.	58.
B.....	0.25	F.....	NA...	39.		
BA.....	N	FE+3....	NA+K.		S04..	27.
CA.....	52.	HC03....	NO3..	0.1		
CL.....	14.					
CO.....		K.....		8.7		

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00361

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074336

NAME OF SAMPLE SOURCE... BRUFFEY'S HOT SPRING, MINERAL HILL
 WARING NUMBER..... 90A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	27N 52E	14	LAT/LONG...	40-13.5	N 116-04.5	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	EUREKA			NORTHING...	4452930.		
GEOLOGIC PROVINCE..				EASTING....	578701.		

MAP REFERENCE..... WINNEMUCCA 1:250000, MINERAL HILL 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 67.0
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGES FROM 42-67 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492 (NO. 90A)

RECORD 00362

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074337

NAME OF SAMPLE SOURCE... CARLOTTI RANCH SPRING, SULFUR SPRING
 WARING NUMBER..... 90

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	28N 52E	24 SE	LAT/LONG...	40-17.4	N 116-03.0	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	EUREKA			NORTHING...	4460168.		
GEOLOGIC PROVINCE..				EASTING....	580750.		

MAP REFERENCE..... WINNEMUCCA 1:250000, PINE VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 39.0
 DISCHARGE..... 379. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGES FROM 35-39 C. TWO SPRINGS USED TO IRRIGATE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492 (NO. 90)

RECORD 00363

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074758

NAME OF SAMPLE SOURCE... FLYNN RANCH SPRINGS
 WARING NUMBER..... 91

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 25N 053E 05
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, MINERAL HILL 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.91 MILES.

COORDINATES
 LAT/LONG... 40-04.65 N 116-01.8 W
 UTM ZONE... +11
 NORTHING... 4436600.
 EASTING.... 582708.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... Q 26.
 DISCHARGE..... 10.
 QUALIFICATION FIELD..... TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 69-78 DEG F. TEMPERATURES MEASURED BY NEV. BUR.
 MINES AND GEOLOGY, AUGUST 1978: 10 DEG C, 16 DEG C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00364

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000944

NAME OF SAMPLE SOURCE... HORSESHOE RANCH HOT SPRINGS
LOCATION TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 32N 049E 33 SW
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-36.1 N 116-27.6 W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING.... 535281.

OTHER LOCALITY INFORMATION: JUST NORTH OF TOWN OF BEOWAWE, NEV.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/09/01 WHITE, DON E.
 TEMPERATURE (C)..... 58.0
 DISCHARGE..... 3.8 L/MIN
 PERTINENT LITHOLOGY..... NEAR CONTACT OF QAL AND PALEOZOIC SEDIMENTS WITH MINOR CAPPING OF TERTIARY VOLCANICS.

WATER ANALYSIS

DATE/ANALYST..... 1958/04/02 WHITEHEAD AND SCHUCH
 PH..... 7.0
 SPECIFIC CONDUCTANCE..... 832.
 ALKALINITY..... 80. AS CaCO3

ANALYSIS IN PPM

AG....		CO3..... N	LI... N		
AL....		CR.....	MG... 5.8		
AU....		CU.....	MO... 58.	SI02.	
B.... 0.81		F..... 5.0	NA... 136.	S04..	62.
BA....		FE+3....	NA+K.		
BI....		GA.....	NH4.. 6.4		
CA.... 22.		HCO3.... 378.	N03.. N		
CD....		H2S..... L 2.0			
CL.... 27.					
CO....		K..... 17.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00365

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074078

NAME OF SAMPLE SOURCE... HORSESHOE RANCH SPRINGS
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 32N 49E 32 LAT/LONG... 40-36.2 N 116-28.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... EUREKA NORTHING... 4494648.
 GEOLOGIC PROVINCE.. EASTING.... 544700.
 MAP REFERENCE..... WINNEMUCCA 1:250000, BEOWAVE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 55.6
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGE: 51.7 - 55.6 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492 (NO. 88)

RECORD 00366

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074756

NAME OF SAMPLE SOURCE... HOT CREEK SPRINGS AREA
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 28N 02E 12 NW LAT/LONG... 40-19.7 N 116-04.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... EUREKA NORTHING... 4464403.
 GEOLOGIC PROVINCE.. EASTING.... 578864.
 MAP REFERENCE..... WINNEMUCCA 1:250000, PINE VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/00/00
 TEMPERATURE (C)..... 26.1
 DISCHARGE..... 1585.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 408.

ANALYSIS IN PPM

AG....		CO3.....	1.	LI....	0.02		
AL....		CR.....		MG....	24.		
AU....		CU.....		MO....		SI02.	20.
B.....	0.03	F.....	L 0.1	NA....	10.		
BA....		FE+3....		NA+K.		S04..	27.
CA....	46.	HCO3.....	226.				
CL....	4.6						
CO....		K.....	2.1				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MARINER, R. H., RAPP, J. B., WILLEY, L. M., AND PRESSER, T. S., 1974

RECORD 00367

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074757

NAME OF SAMPLE SOURCE... HOT CREEK SPRINGS AREA
 WARING NUMBER..... 89

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 28N 052E 12 SW OF NW
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, PINE VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.

COORDINATES
 LAT/LONG... 40-19.7 N 116-04.3 W
 UTM ZONE... +11
 NORTHING... 4464403.
 EASTING.... 578864.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/27
 TEMPERATURE (C)..... 28.9
 DISCHARGE..... 5900.
 PERTINENT LITHOLOGY..... LIMESTONE BEDROCK.
 OTHER SAMPLE INFORMATION.. SIX SPRINGS ADJACENT TO LIMESTONE BEDROCK, MAIN SPRING ORIFICE IN BEDROCK.

WATER ANALYSIS

ANALYSIS IN EPM ISOTOPES (0/00)
 BA.... FE+3.... NA+K. 0.53
 CA+MG. 3.8

OTHER ANALYTICAL DATA... CL + S04 = 0.74 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968, AND WARING, G. A., 1965

RECORD 00368

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074738

NAME OF SAMPLE SOURCE... HOT SPRING RANCH WATER WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 18N 050E 28 NW OF NW SE
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES
 LAT/LONG... 39-24.4 N 116-20.8 W
 UTM ZONE... +11
 NORTHING... 4361901.
 EASTING.... 556250.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/05/21
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 11.

WATER ANALYSIS

PH..... 9.1
 SPECIFIC CONDUCTANCE..... 319.
ANALYSIS IN PPM ISOTOPES (0/00)
 AG.... CO3..... 29.
 AL.... CR..... MG... N
 B.... F..... NA... 72.
 BA.... FE+3..... NA+K. S04.. 22.
 CA.... N HCO3..... 92.
 CL.... 7.3

OTHER ANALYTICAL DATA... SAR IS "EXTREMELY HIGH", RSC = 2.48

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 REFERENCE..... RUSH, F. E., AND EVERETT, D. E., 1964

RECORD 00369

GEO THERM FILE ID: 0000942

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOT SPRINGS POINT
LOCATION TOWNSHIP=RANGE COORDINATES
 COUNTRY..... UNITED STATES LAT/LONG... 43-24. N 116-31. W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... EUREKA NORTHING... 4805134.
 GEOLOGIC PROVINCE.. EASTING.... 539140.
 MAP REFERENCE..... CRESCENT VALLEY 1:62500
 OTHER LOCALITY INFORMATION: SOUTHERN OF 2 G OUPS 1/2 MI. NORTH OF SULPHUR DEPOSIT

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/28 HEWETT, D. F.
 TEMPERATURE (C)..... 60.0
 OTHER SAMPLE INFORMATION.. TWO GROUPS OF HOT SPRINGS EXTEND ALONG RANGE FOR ONE MILE

WATER ANALYSIS

DATE/ANALYST..... 1954/08/27 KRAMER, HENRY
 PH..... 6.9
 SPECIFIC CONDUCTANCE..... 1760.

ANALYSIS IN PPM

				<u>ISOTOPES (0/00)</u>	
AG....		CO3.....		LI...	0.99
AL....		CR.....		MG...	40.
AU....		CU.....		MO...	SI02. 70.
B.....	2.9	F.....	7.0	NA...	285.
BA....		FE+3....		NA+K..	S04.. 116.
CA....	46.	HCO3....	949.	NO3..	0.15
CL....	48.				
CO....		K.....	56.		

OTHER ANALYTICAL DATA... B = 0.66% OF EQ.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00370

GEO THERM FILE ID: 0000637

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOT SPRINGS POINT
LOCATION TOWNSHIP=RANGE COORDINATES
 COUNTRY..... UNITED STATES 29N 48E 11 NE LAT/LONG... 40-24.21 N 116-31.00 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... EUREKA NORTHING... 4472445.
 GEOLOGIC PROVINCE.. EASTING.... 541014.
 MAP REFERENCE..... WINNEMUCCA 1:250000, CRESCENT VALLEY 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 54.0
 DISCHARGE..... 125. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... CaCO3 APRON DEPOSITED.
 PERTINENT LITHOLOGY..... BASALTS, QUARTZITE, AND CHERTS SURROUND SPRING.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 6.6
 SPECIFIC CONDUCTANCE..... 1730.
 ALKALINITY..... 915. AS HCO3

ANALYSIS IN MG/L

AG....		CO3.....		LI....	1.1	SB....	
AL....	0.008	CR.....		MG....	35.	SC....	
AS....	L 0.01	CS.....	0.1	MN....	L 0.02		
AU....		CU.....	0.04	MO....		SI02..	67.
B.....	2.1	F.....	6.6	NA....	230.		
BA....		FE+3....		NA+K..		S04..	64.
BE....		FE(TOT)..	L 0.02	NB....		SR....	1.3
BI....		GA.....		NH4..	4.1		
BR....	0.2						
CA....	53.						
CA+MG.		HG.....	L 0.0001				
CD....		H2S.....		P04..	0.03		
CL....	12.	I.....	0.02	RB....	0.29		
CO....		K.....	58.				

ISOTOPES (0/00)

DEL D OF WATER..... -136.1
 DEL O(18) OF WATER... -15.97

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

CH4.. L 1.
 C2H6. N2... 31.
 CO2.. 60.

ISOTOPES (00/0)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00371

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOT SPRINGS POINT

GEO THERM FILE ID: 0001017

LOCATION

COUNTRY..... UNITED STATES 29N 48E 02 SE
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-24.4 N 116-31.0 W
 UTM ZONE... +11
 NORTHING... 4472796.
 EASTING... 541013.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/16 SIMMONS, G. S.
 TEMPERATURE (C)..... 50.0
 OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED AND ANALYZED.

WATER ANALYSIS

PH..... 6.5
 SPECIFIC CONDUCTANCE..... 1790.
 ALKALINITY..... 330. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1170.

ANALYSIS IN PPM

AG....		CO3.....	N	LI....	0.9		
AL....		CR.....		MG....	42.		
AS....		CS.....		MN....	0.05		
AU....		CU.....		MO....		SI02..	52.
B.....	1.9	F.....	4.9	NA....	284.		

ISOTOPES (0/00)

BA..... FE+3..... NA+K. S04.. 122.
 BE..... FE(TOT). 0.02
 CA..... 63. HCO3..... 996. NO3.. 1.7
 CD..... H2S..... PO4.. 0.4
 CL..... 48.
 CO..... K..... 54.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00372

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074134

NAME OF SAMPLE SOURCE... HOT SPRINGS POINT, CRESCENT VALLEY HOT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	29N 48E 02 SW	LAT/LONG... 40-25.0 N 116-32.0 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	EUREKA		NORTHING... 4473899.
GEOLOGIC PROVINCE..			EASTING.... 539592.

MAP REFERENCE..... WINNEMUCCA 1:250000, CRESCENT VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/00/00
 TEMPERATURE (C)..... 57.8
 DISCHARGE..... 8. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WILSON, R. E., 1960B, AREAL GEOLOGY MAP T29N, R49 AND R50E; MDM: SOUTHERN PACIFIC CO.
 UNPUBLISHED MAP

RECORD 00373

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074135

NAME OF SAMPLE SOURCE... HOT SPRINGS POINT, CRESCENT VALLEY HOT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	29N 48E 01 SW	LAT/LONG... 40-24.5 N 116-30.8 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	EUREKA		NORTHING... 4472983.
GEOLOGIC PROVINCE..			EASTING.... 541294.

MAP REFERENCE..... WINNEMUCCA 1:250000, CRESCENT VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/00/00
 TEMPERATURE (C)..... 51.1
 DISCHARGE..... L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WILSON, R. E., 1960B, AREAL GEOLOGY MAP T29N, R49 AND R50E, MDM: SOUTHERN PACIFIC CO.
 UNPUBLISHED MAP

RECORD 00374

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074188

NAME OF SAMPLE SOURCE... HOT SPRINGS POINT, CRESCENT VALLEY HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 29N 48E 01 SW LAT/LONG... 40-24.5 N 116-30.8 W
 COUNTY..... EUREKA UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4472983.
 MAP REFERENCE..... WINNEMUCCA 1:250000, CRESCENT VALLEY 1:62500 EASTING.... 541294.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 58.9
 DISCHARGE..... 100. L/MIN
 DEPOSITS OR ALTERATION... CALCAREOUS SINTER BEING DEPOSTED.
 OTHER SAMPLE INFORMATION.. FIVE MAJOR SPRINGS ALONG OR ADJACENT TO PROBABLE FAULT ZONE; SPRINGS ARISE FROM ALLUVIUM AND BEDROCK IN A LINE.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1750.
 TOTAL DISSOLVED SOLIDS... 1140.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG... 43.			
AU....	CU.....	MO... 73.	SI02.	73.	
B..... 0.4	F..... 5.9	NA+K. 319.	S04..	117.	
BA....	FE+3....				
BE....	FE(TOT). 0.03				
CA.... 53.	HCO3.... 980.	N03.. N			
CL.... 44.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... ZONES, C. P., 1961; GROUND-WATER POTENTIALITIES IN CRESCENT VALLEY, EUREKA AND LANDER CO NEVADA; USGS WAT SUPP PAP 1581
 NEVADA DEPT CONSERV AND NAT RESOURCES, WAT. RESOURCES BULL. 15

RECORD 00375

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074283

NAME OF SAMPLE SOURCE... HOT SPRINGS POINT, CRESCENT VALLEY HOT SPRINGS
 WARING NUMBER..... 88A

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 29N 48E 11 NE OF NE LAT/LONG... 40-24.4 N 116-31.3 W
 COUNTY..... EUREKA UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4472794.
 MAP REFERENCE..... WINNEMUCCA AMS, CRESCENT VALLEY 15 MIN QUAD EASTING.... 540588.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 50.0
 DISCHARGE..... 57. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965; THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: U. S. GEOL. SURVEY PROF. PAPER 492, NO. 88A

RECORD 00376

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074284

NAME OF SAMPLE SOURCE... HOT SPRINGS POINT, CRESCENT VALLEY HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 29N 48E 11 NE OF NE LAT/LONG... 40-24.4 N 116-31.3 W
 COUNTY..... EUREKA UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4472794.
 MAP REFERENCE..... WINNEMUCCA AMS, CRESCENT VALLEY 1:62500 EASTING.... 540588.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1952/09/16 SIMMONS, G. S.
 TEMPERATURE (C)..... 58.9
 DISCHARGE..... 151.
 OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED AND ANALYZED. FIELD NO. 523115. DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES OF COORDINATES. COMPLETE LOCATION: SE4, SE4, SEC 2 ADN NE4, NE4, SEC 11

WATER ANALYSIS
 DATE/ANALYST..... 1955/04/13
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 1710.
 ALKALINITY..... 290. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1130.

ANALYSIS IN PPM ISOTOPES (0/100)

AG....		CO3..... N		LI... 1.0			
AL....		CR.....		MG... 38.			
AS....		CS.....		MN... 0.09			
AU....		CU.....		MO... SI02. 72.			
B..... 1.6		F..... 6.9		NA... 277.			
BA....		FE+3....		NA+K. S04.. 116.			
BE....		FE(TOT). 0.04					
CA.... 54.		HCO3.... 928.		N03.. 3.3			
CD....		H2S.....		P04.. N			
CL.... 49.							
CO....		K..... 51.					

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... ROBERTS, R.J., MONTGOMERY, K.M., AND LEHNER, R.E., 1967, GEOLOGY AND MINERAL RESOURCES OF EUREKA COUNTY, NEVADA; NEVADA BUR. MINES BULL. 64; PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00377

GEOIHERM SAMPLE FILE GEOIHERM FILE ID: 0074285

NAME OF SAMPLE SOURCE... HOT SPRINGS POINT, CRESCENT VALLEY HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 29N 48E 01 NE LAT/LONG... 40-25.0 N 116-30.3 W
 COUNTY..... EUREKA UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4473912.
 MAP REFERENCE..... WINNEMUCCA 1:250000, CRESCENT VALLEY 1:62500 EASTING.... 541996.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1960/00/00
 TEMPERATURE (C)..... 51.1
 DISCHARGE..... 57. L/MIN

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WILSON, R. E., 1960B; AREAL GEOLOGY MAP T29N, R49 AND R50E; MDM: SOUTHERN PACIFIC CO.

UNPUBLISHED MAP.

RECORD 00378

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074737

NAME OF SAMPLE SOURCE... JACOBSON RANCH SPRING
 WARING NUMBER..... 91D

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 23N 054E 03 NW OF SE LAT/LONG... 39-53.95 N 115-52.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... EUREKA NORTHING... 4416969.
 GEOLOGIC PROVINCE.. EASTING.... 596744.

MAP REFERENCE..... ELY 1:250000, DIAMOND SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/07/11

TEMPERATURE (C)..... Q 24.

DISCHARGE..... 900.

PERTINENT LITHOLOGY..... ISSUES FROM ALLUVIUM ADJACENT TO LIMESTONE.

WATER ANALYSISANALYSISISOTOPES (0/00)

BA.... FE+3.... NA+K. 1.1
 CA+MG. 5.0

OTHER ANALYTICAL DATA... CL + SO4 = 1.47

QUALIFICATION FIELD..... TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 71-75 F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... MIFFLIN, M. D., 1968, AND WARING, G. A., 1965

RECORD 00379

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074097

NAME OF SAMPLE SOURCE... KLOBE HOT SPRING, BARTHOLOMAE HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 50E 28 NW OF SE LAT/LONG... 39-24.2 N 116-20.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... EUREKA NORTHING... 4361533.
 GEOLOGIC PROVINCE.. EASTING.... 556539.

MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 61.1

DISCHARGE..... 100. L/MIN

OTHER SAMPLE INFORMATION.. WARING NO. 938

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WARING, G. A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: USGS
 PROF. PAPER 492 (N09 938)

RECORD 00380

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074098

NAME OF SAMPLE SOURCE... KLOBE HOT SPRING, BARTHOLOMAE HOT SPRING-RANCH WATER WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 50E 28 NW OF SE LAT/LONG... 39-24.2 N 116-20.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... EUREKA NORTHING... 4361532.
 GEOLOGIC PROVINCE.. EASTING.... 556396.

MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/12/21
 TEMPERATURE (C)..... 70.0
 WELL DEPTH (M)..... 12.
 DISCHARGE..... 3. L/MIN
 OTHER SAMPLE INFORMATION.. FLOWING WELL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO,G.W.(1968) REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA; NEV. UNIV. RENO:
 DESERT RESH INST; CENT WATER RESRS RESH MISC. RP 5

RECORD 00381

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074155

NAME OF SAMPLE SOURCE... KLOBE HOT SPRING, BARTHOLOMAE HOT SPRING

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 50E 28 NW OF NW LAT/LONG... 39-24.8 N 116-21.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... EUREKA NORTHING... 4362637.
 GEOLOGIC PROVINCE.. EASTING.... 555670.

MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/05/21
 TEMPERATURE (C)..... 70.0
 OTHER SAMPLE INFORMATION.. WELL DRILLED IN KLOBE HOT SPRING.

WATER ANALYSIS

PH..... 9.0
 SPECIFIC CONDUCTANCE..... 315.

ANALYSIS IN PPM

AG....	CO3.....	26.		
AL....	CR.....		MG... N	
B....	F.....		NA... 71.	
BA....	FE+3....		NA+K.	S04.. 22.
CA.... N	HCO3....	94.		
CL....		7.1		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GELLOGY
 REFERENCE..... RUSH, F. E. AND EVERETT, D. E., 1964, GROUND-WATER EVALUATION OF MONITOR, ANTELOPE, AND
 KOBEH VALLEYS, NEVADA; NEV DEPT CON/NAT RESRS; WAT RES R30

RECORD 00382

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074099

NAME OF SAMPLE SOURCE... KLOBE HOT SPRINGS, BARTHOLOMAE HOT SPRINGS

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 50E 28 NW OF SE LAT/LONG... 39-24.2 N 116-20.7 W
 STATE..... NEVADA UTM ZONE... +11

COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

NORTHING... 4361532.
 EASTING.... 556396.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/12/21
 TEMPERATURE (C)..... 68.9
 DISCHARGE..... 49. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G.W. (1968) REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA: NEV. UNIV. RENO;
 DESERT RESH INST; CENT WATER RESRS RESCH MISC. RP 5

RECORD 00383

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074157

NAME OF SAMPLE SOURCE... KLOBE HOT SPRINGS, BARTHOLOMAE HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 50E 28 NW OF SE
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLET 1:250000, ANTELOPE PEAK 1:62500

LAT/LONG... 39-24.2 N 116-20.7 W
 UTM ZONE... +11
 NORTHING... 4361532.
 EASTING.... 556396.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/18
 TEMPERATURE (C)..... 67.2
 DISCHARGE..... 9.4 L/MIN

OTHER SAMPLE INFORMATION.. SPRING ORIFICE IS IN AN ALLUVIUM TWO MILES EAST OF MONITOR RANGE. SPRING MAY BE ASSOCIATED WITH BURIED RANGE FRONT FAULT.

WATER ANALYSIS

PH..... 9.4
 SPECIFIC CONDUCTANCE..... 304.
 TOTAL DISSOLVED SOLIDS... 265.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	41.	LI...	0.11	SB...	L 0.2
AL....		CR.....		MG...	0.002		
AS....	0.024	CS.....	0.24	MN...	L 0.01		
AU....		CU.....	L 0.004	MO...		SI02.	82.
B....		F.....	4.8	NA...	66.		
BA....	0.1	FE+3....		NA+K.		S04..	16.
BE....		FE(TOT).	0.04				
BI....		GA.....		NH4..	L 0.1		
CA....	10.	HCO3....	66.	NO3..	L 0.1		
CA+MG.		HG.....	L 0.0002	PB...	L 0.02		
CD....		H2S.....		PO4..	L 0.1		
CL....	11.	I.....		RB...	L 0.02	ZN...	L 0.1
CO....		K.....	1.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J. W. AND MILES, M. J., 1974, MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA UNIV. RENO; DESRT RES INST.; CEN WAT RES RESH PR REP 26

RECORD 00384

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074253

NAME OF SAMPLE SOURCE... MAGMA POWER CO. HOT SPRINGS POINT NO. 1 WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	29N 48E	LAT/LONG... 40-24.4 N 116-31.1 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... EUREKA		NORTHING... 4472795.
GEOLOGIC PROVINCE..		EASTING.... 540871.
MAP REFERENCE..... WINNEMUCCA 1:250000, CRESCENT VALLEY 1:62500		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/00/00
 TEMPERATURE (C)..... 74.5
 WELL DEPTH (M)..... 125.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... KOENIG, J. B., 1970, GEOTHERMAL EXPLORATION IN W. US: UN SYMP. DEVEL. UTIL GEOTHERMAL RESRS
 PISA, 1970 V2 PT1, IN GEOTHERMICS SP ISS 2, 13P.

RECORD 00385

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074759

NAME OF SAMPLE SOURCE... SHIPLEY (BIG SHIPLEY,SADLER) HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	24N 02E 23 NE OF SE	LAT/LONG... 39-56.6 N 116-04.4 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... EUREKA		NORTHING... 4421669.
GEOLOGIC PROVINCE..		EASTING.... 579168.
MAP REFERENCE..... MILLET 1:250000, GARDEN VALLEY 1:62500		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/04/16
 TEMPERATURE (C)..... 34.5
 DISCHARGE..... 3000.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 529.
 TOTAL DISSOLVED SOLIDS... 330.

ANALYSIS IN PPM

AG.....	CO3..... N			
AL.....	CR.....	MG...	21.	
AU.....	CU.....	MO...		SI02. 30.
B..... 0.1	F..... 0.5	NA...	30.	
BA.....	FE+3.....	NA+K.		S04.. 33.
BE.....	FE(TOT). N			
CA..... 55.	HCO3..... 288.	NO3..	0.6	
CL..... 17.				
CO.....	K..... 6.			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... RSC = 0.25

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARRILL, J. R., 1968

RECORD 00386

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001018

NAME OF SAMPLE SOURCE... SHIPLEY HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 24N 52E 23 SE
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-56.2 N 116-04.5 W
 UTM ZONE... +11
 NORTHING... 4420928.
 EASTING... 579033.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/18 SIMMONS, G. S.
 TEMPERATURE (C)..... 32.0
 OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED AND ANALYZED

WATER ANALYSIS

DATE/ANALYST..... 1955/04/13
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 540.
 ALKALINITY..... 228. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 346.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	N	LI... N		
AL.....	CR.....		MG... 21.		
AS.....	CS.....		MN... N		
AU.....	CU.....		MO... 29.	SI02. 40.	
B..... 0.26	F..... 0.2		NA... 29.	S04.. 35.	
BA.....	FE+3.....		NA+K.		
BE.....	FE(TOT)..... 0.01		N03.. N		
CA..... 57.	HCO3..... 279.		P04.. 0.1		
CD.....	H2S.....				
CL..... 21.					
CO.....	K..... 5.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00387

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074262

NAME OF SAMPLE SOURCE... SHIPLEY, BIG SHIPLEY, AND SADLER HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 24N 52E 23 NE OF SE
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-56.6 N 116-04.1 W
 UTM ZONE... +11
 NORTHING... 4421673.
 EASTING... 579595.

MAP REFERENCE..... MILLET 1:250000, GARDEN VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/18
 TEMPERATURE (C)..... 41.1
 DISCHARGE..... 25551. L/MIN

WATER ANALYSIS

ANALYSIS IN EPM

ISOTOPES (0/00)

BA.....	FE+3.....	NA+K. 1.5
CA+MG. 4.6		

OTHER ANALYTICAL DATA... CL + SO4 = 1.29 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MIFFLIN, M. D., 1968; DELINEATION OF GROUND-WATER FLOW SYSTEMS IN NEVADA: NEVADA UNIV.
RENO: DESERT RESH, INST; CENT WAT RESRS RESH TECH REP H-W4

RECORD 00388

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074702

NAME OF SAMPLE SOURCE... SIRI RANCH SPRING AREA

LOCATION
COUNTRY..... UNITED STATES 24N 05E 06 NW OF SW
STATE..... NEVADA
COUNTY..... EUREKA
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 39-59.25 N 116-02.6 W
UTM ZONE... +11
NORTHING... 4426598.
EASTING.... 581678.

MAP REFERENCE..... MILLET 1:250000, GARDEN VALLEY 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/07/11
TEMPERATURE (C)..... 27.2
DISCHARGE..... 5800.

WATER ANALYSIS

ANALYSIS IN EPM

ISOTOPES (0/00)

BA..... FE+3..... NA+K. 0.76
CA+MG. 4.0

OTHER ANALYTICAL DATA... CL + SO4 = 0.89 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00389

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074159

NAME OF SAMPLE SOURCE... SIRI RANCH SPRING, (WATER WELL)

LOCATION
COUNTRY..... UNITED STATES 24N 53E 06 SW OF NE
STATE..... NEVADA
COUNTY..... EUREKA
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 39-59.4 N 116-03.5 W
UTM ZONE... +11
NORTHING... 4426862.
EASTING.... 580395.

MAP REFERENCE..... MILLET 1:250000, GARDEN VALLEY 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/05/05
TEMPERATURE (C)..... 35.0

WATER ANALYSIS

PH..... 8.0
SPECIFIC CONDUCTANCE..... 449.
TOTAL DISSOLVED SOLIDS... 276.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... N
AL..... CR..... MG... 20.
AU..... CU..... MO... SI02. 25.
B..... N F..... 0.4 NA... 15.
BA..... FE+3..... NA+K. S04.. 25.

BE..... FE(TOT). N
 CA..... 51. HCO3..... 255. NO3.. 0.5
 CL..... 10.
 CO..... K..... 3.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARRILL, JR., 1968, GROUND-WATER IN DIAMOND VALLEY, EUREKA CO. NEVADA; NEVADA DEPT CONSV
 AND NAT RESRS; WATER RESOURCES BULL 35

RECORD 00390

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074703

NAME OF SAMPLE SOURCE... SIRI RANCH SPRINGS AREA
 WARING NUMBER..... 91A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	24N 05E 06 NW OF SW	LAT/LONG...	39-59.2 N 116-02.7 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	EUREKA		NORTHING...	4426504.
GEOLOGIC PROVINCE..			EASTING....	581537.

MAP REFERENCE..... MILLETT 1:250000, GARDEN VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.6
 DISCHARGE..... 300.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00391

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074338

NAME OF SAMPLE SOURCE... SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	28N 49E 10 NW OF NE	LAT/LONG...	40-19.1 N 116-26.0 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	EUREKA		NORTHING...	4463033.
GEOLOGIC PROVINCE..			EASTING....	548147.

MAP REFERENCE..... WINNEMUCCA 1:250000, FRENCHIE CREEK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/00/00
 TEMPERATURE (C)..... 85.5
 DISCHARGE..... 9.5 L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WILSON, R.E. (1960A) AREAL ECONOMIC GEOLOGY T28N, R49E, MDM; SOUTHERN PACIFIC CO.
 UNPUBLISHED MAP

RECORD 00392

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074736

NAME OF SAMPLE SOURCE... SULFUR SPRINGS AREA
 WARING NUMBER..... 91C

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 23N 02E 36 NW COORDINATES
 STATE..... NEVADA LAT/LONG... 39-50.1 N 116-03.97 W
 COUNTY..... EUREKA UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4409652.
 MAP REFERENCE..... MILLET 1:250000, GARDEN VALLEY 1:62500 EASTING.... 579906.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.3
 DISCHARGE..... 20.
 OTHER SAMPLE INFORMATION.. TWO MAIN SPRINGS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00393

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074883

NAME OF SAMPLE SOURCE... VULCAN WELL NO. 2
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 32N 048E 17 COORDINATES
 STATE..... NEVADA LAT/LONG... 40-40.0 N 116-35.0 W
 COUNTY..... EUREKA UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4501627.
 MAP REFERENCE..... WINNEMUCCA 1:250000, DUNPHY 1:62500 EASTING.... 535219.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/04/06
 TEMPERATURE (C)..... Q 132.
 OTHER SAMPLE INFORMATION.. REFERENCE CONTAINS ADDITIONAL DATA ON TRACE ELEMENT CHEMISTRY, WELL DATA, AND NON-CONDENSABLE GAS ANALYSIS.

WATER ANALYSIS

PH..... 9.3
 SPECIFIC CONDUCTANCE..... 600.
 TOTAL DISSOLVED SOLIDS... 855.

ANALYSIS IN PPM

AG.....	C03.....	168.			
AU.....	CU.....		MO...	SI02.	329.
B..... 1.	F.....	6.	NA...	214.	
BA.....	FE+3....		NA+K.	S04..	89.
CA.....	HCO3....	41.			
CD.....	H2S.....	6.1			
CL..... 50.					
CO.....	K.....	9.			

ISOTOPES (0/00)

QUALIFICATION FIELD..... TEMPERATURE MEASURED AT WELL HEAD.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COSNER, S. R., AND APPS, J. A., 1978

RECORD 00394

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000909

NAME OF SAMPLE SOURCE... WALTJ HOT SPRINGS
LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 24N 048E 33 SE
STATE..... NEVADA
COUNTY..... EUREKA
OTHER LOCALITY INFORMATION: 52 MI. S. OF BEOWAWE

LAT/LONG... 39-54. N 116-35. W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/16 SIMMONS, G. C.
TEMPERATURE (C)..... 73.0
OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED AND ANALYZED.

WATER ANALYSIS

DATE/ANALYST..... 1955/04/13
PH..... 6.9
SPECIFIC CONDUCTANCE..... 594.
ALKALINITY..... 203. AS CAC03
TOTAL DISSOLVED SOLIDS... 428.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... N LI... N
AL..... CR..... MG... 13.
AS..... CS..... MN... N
AU..... CU..... MO... SI02. 75.
B..... 0.17 F..... 2.4 NA... 48.
BA..... FE+3..... NA+K. S04.. 62.
BE..... FE(TOT). 0.02
CA..... 60. HCO3..... 282. NO3.. 0.1
CD..... H2S..... PO4.. N
CL..... 13. K..... 15.
CO.....

OTHER ANALYTICAL DATA... 32% NA.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00395

GEO THERM FILE ID: 0000910

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WALTJ HOT SPRINGS

LOCATION TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 39-44. N 116-35.2 W

COUNTRY..... UNITED STATES 22N 48E 04
STATE..... NEVADA
COUNTY..... EUREKA
OTHER LOCALITY INFORMATION: 52 MI. S OF BEOWAWE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/08/11 ROBERTS, RALPH J.
TEMPERATURE (C)..... 71.0

WATER ANALYSIS

PH..... 7.0
SPECIFIC CONDUCTANCE..... 609.
ALKALINITY..... 206. AS CAC03
TOTAL DISSOLVED SOLIDS... 435.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... LI... N
AL..... CR..... MG... 16.
AU..... CU..... MO... SI02. 73.
B..... 0.21 F..... 2.8 NA... 51.
BA..... FE+3..... NA+K. S04.. 67.
BE..... FE(TOT). 0.02

CA.... 56. HC03.... 288. NO3.. 0.3
 CL.... 12.
 CO.... K..... 15.

OTHER ANALYTICAL DATA... B=0.14% OF EQ. NA 33%

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00396

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074259

NAME OF SAMPLE SOURCE... WALT I HOT SPRINGS

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 24N 48E 33
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-54.3 N 116-35.1 W
 UTM ZONE... +11
 NORTHING... 4417086.
 EASTING.... 535474.

MAP REFERENCE..... MILLET 1:250000, WALT I HOT SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/06/17
 TEMPERATURE (C)..... 71.1
 DISCHARGE..... 3395. L/MIN

WATER ANALYSIS

ISOTOPES (0/00)

ANALYSIS IN EPM
 BA.... FE+3.... NA+K. 3.0
 CA+MG. 3.8

OTHER ANALYTICAL DATA... CL + SO4 = 1.75 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968, DELINEATION OF GROUND-WATER FLOW SYSTEMS IN NEVADA: NEVADA UNIV.
 RENO, DESERT RSCH INST. CENT. WAT. RESRS. RESH. TR. H-W, NO.4

RECORD 00397

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074282

NAME OF SAMPLE SOURCE... WALT I HOT SPRINGS

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 24N 48E 33
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-54.4 N 116-35.0 W
 UTM ZONE... +11
 NORTHING... 4417271.
 EASTING.... 535616.

MAP REFERENCE..... MILLET 1:250000, WALT I HOT SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/06/17
 TEMPERATURE (C)..... 71.1

WATER ANALYSIS

ISOTOPES (0/00)

PH..... 7.1
ANALYSIS IN PPM
 AG.... CO3.... N
 AL.... CR..... MG... 12.
 BA.... FE+3.... NA+K. 70. SO4.. 65.
 CA.... 57. HC03.... 315.

CL..... 14.
 OTHER ANALYTICAL DATA... SAR = 2.2, RSC = 1.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EVERETT, D. E. AND RUSH, F. E., 1966, BRIEF APPRAISAL OF THE WATER RESOURCES OF GRASS AND
 CARICO LAKE VALLEYS, LANDER AND EUREKA COUNTIES, NEVADA: NEVADA DEPT. CONSV. AND NAT. RESOURCES, WATER RESOURCES -
 RECONN. SER. REPT. 37

RECORD 00398

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000639

NAME OF SAMPLE SOURCE... WALT I HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 24N 48E 33 SW
 STATE..... NEVADA
 COUNTY..... EUREKA
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLET 1:250000, WALT I HOT SPRING 1:62500

COORDINATES
 LAT/LONG... 39-54.1 N 116-35.22 W
 UTM ZONE... +11
 NORTHING... 4416678.
 EASTING.... 535305.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 72.0
 DISCHARGE..... 300. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... CaCO3 APRON DEPOSITED.
 PERTINENT LITHOLOGY..... ALLUVIUM, GRANITE, AND SEDIMENTARY ROCKS SURROUND THE SPRING.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 592.
 ALKALINITY..... 264. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3..... L 1.	LI... 0.3	SB...		
AL..... 0.005		CR.....	MG... 12.	SC...		
AS..... 0.02		CS..... L 0.1	MN... L 0.02			
AU.....		CU..... 0.07	MO...	SI02. 68.		
B..... 0.12		F..... 2.5	NA... 44.			
BA.....		FE+3.....	NA+K.	S04.. 64.		
BE.....		FE(TOT). L 0.02	NB...	SR... 0.6		
BI.....		GA.....	NH4.. 0.103			
BR..... 0.05						
CA..... 56.						
CA+MG.		HG..... L 0.0001				
CD.....		H2S.....	P04.. 0.03			
CL..... 12.		I..... 0.007	RB... 0.08			
CO.....		K..... 14.				

ISOTOPES (0/00)
 DEL D OF WATER..... -129.8
 DEL O(18) OF WATER... -16.87

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
 OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00399

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074237

NAME OF SAMPLE SOURCE... BALTAZOR HOT SPRINGS - CONTINENTAL HOT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	46N 28E 13 SE OF NW	LAT/LONG... 41-55.4 N 118-42.6 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	HUMBOLDT		NORTHING... 4642465.
GEOLOGIC PROVINCE..			EASTING.... 358206.
MAP REFERENCE.....	VYA 1:250000, DENIO 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 81.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492

RECORD 00400

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074238

NAME OF SAMPLE SOURCE... BALTAZOR HOT SPRINGS - CONTINENTAL HOT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	46N 28E 13	LAT/LONG... 41-55.3 N 118-42.5 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	HUMBOLDT		NORTHING... 4642277.
GEOLOGIC PROVINCE..			EASTING.... 358340.
MAP REFERENCE.....	VYA 1:250000, DENIO 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 93.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... KLEEBERGER, S., 1973, NEVADA BUREAU OF MINES AND GEOLOGY FILES, HUMBOLDT 11 (PER. COMM)

RECORD 00401

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000577

NAME OF SAMPLE SOURCE... BALTAZOR HOT SPRING ; STONEHOUSE SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	46N 28E 13 NW	LAT/LONG... 41-55.34 N 118-42.65 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	HUMBOLDT		NORTHING... 4642355.
GEOLOGIC PROVINCE..			EASTING.... 358134.
MAP REFERENCE.....	VYA 1:250000, DENIO 1:62500		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP

TEMPERATURE (C)..... 80.0

DISCHARGE..... 100. L/MIN

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED

DEPOSITS OR ALTERATION... TRACES OF CaCO₃ AND SILICA DEPOSITS

PERTINENT LITHOLOGY..... ALLUVIUM, GRANODIORITE, AND VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 947.
 ALKALINITY..... 143. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....		LI...		SB...	
AL.....		CR.....		MG... L 0.1		SC...	
AS..... 0.07		CS..... L 0.1		MN... L 0.02		SI02.. 160.	
AU.....		CU..... L 0.01		MO...		S04.. 220.	
B..... 2.9		F..... 7.1		NA... 180.			
BA.....		FE+3.....		NA+K.			
BE.....		FE(TOT). L 0.02					
BR..... 2.							
CA..... 8.4							
CD.....		H2S.....		P04.. 0.21			
CL..... 48.		I..... 0.03		RB... 0.06			
CO.....		K..... 8.7					

ISOTOPES (0/00)

DEL D OF WATER..... -125.3
 DEL O(18) OF WATER... -15.26

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00402

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074710

NAME OF SAMPLE SOURCE... BLM WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	36N 038E 26 SW OF NE SE	LAT/LONG... 40-57.8 N 117-39.8 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... HUMBOLDT		NORTHING... 4534687.
GEOLOGIC PROVINCE..		EASTING.... 444180.

MAP REFERENCE..... WINNEMUCCA 1:250000, WINNEMUCCA 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/07/27
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 17.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1020.
 TOTAL DISSOLVED SOLIDS... 536.

ANALYSIS IN PPM

AG.....		CO3..... N					
AL.....		CR.....		MG... 30.		SI02.. 10.	
AU.....		CU.....		MO... 42.		S04.. 85.	
B..... 0.1		F..... 0.3		NA... 42.			
BA.....		FE+3.....		NA+K.			
BE.....		FE(TOT). 0.04					
CA..... 102.		HCO3..... 166.		NO3.. 2.9			
CL..... 178.							
CO.....		K..... 3.5					

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 0.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, 1962

RECORD 00403

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000613

NAME OF SAMPLE SOURCE... BOG HOT SPRINGS

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 46N 28E 18 NW
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... VYA 1:250000, RAILROAD POINT 1:62500

COORDINATES
 LAT/LONG... 41-55.51 N 118-48.13 W
 UTM ZONE... +11
 NORTHING... 4642825.
 EASTING... 350567.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 54.0
 DISCHARGE..... 4000. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 PERTINENT LITHOLOGY..... ALLUVIUM, VOLCANIC AND SEDIMENTARY ROCKS.
 OTHER SAMPLE INFORMATION.. DEEP CIRCULATION OF METEORIC OR MIXED(?) WATER.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 356.
 ALKALINITY..... 138. AS HC03

ANALYSIS IN MG/L

AG.....	CO3.....	LI... 0.03	SB...
AL..... 0.016	CR.....	MG... L 0.1	SC...
AS..... 0.02	CS..... L 0.1	MN... L 0.02	
AU.....	CU..... 0.01	MO...	SI02. 57.
B..... 0.91	F..... 1.7	NA... 81.	
BA.....	FE+3.....	NA+K.	S04.. 45.
BE.....	FE(TOT).. 0.03	NB...	SR... 0.05
BI.....	GA.....	NH4.. 0.13	
BR..... 0.2			
CA..... 0.2			
CA+MG.	HG..... 0.0001		
CD.....	H2S.....	P04.. 0.21	
CL..... 15.	I..... L 0.01	RB... L 0.02	
CO.....	K..... 1.0		

ISOTOPES (0/00)
 DEL D OF WATER..... -124.3
 DEL O(18) OF WATER... -15.30

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP
ANALYSIS IN VOLUME %
 CH4.. L 1.
 C2H6. N2... 91.
 CO2.. L 1.

ISOTOPES (00/0)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00404

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074151

NAME OF SAMPLE SOURCE... BOGS HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 46N 28E 18
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-55.3 N 118-48.2 W
 UTM ZONE... +11
 NORTHING... 4642438.
 EASTING.... 350462.

MAP REFERENCE..... VYA 1:250000, RAILROAD POINT 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/19
 TEMPERATURE (C)..... 55.0
 DISCHARGE..... 20. L/MIN
 OTHER SAMPLE INFORMATION.. TWO SPRINGS; ASSOCIATED ROCKS ARE INTRUSIVE GRANITE (JURASSIC).

WATER ANALYSIS

PH..... 9.0
 SPECIFIC CONDUCTANCE..... 386.
 TOTAL DISSOLVED SOLIDS... 293.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3.....	22.	LI...	0.051	SB... L	0.1
AL....	CR.....		MG...	0.02		
AS....	0.0012	CS.....	0.26	MN...	0.010	
AU....		CU.....	L 0.01	MO...		SI02. 60.
B....		F.....	2.1	NA...	89.	
BA....	L 0.04	FE+3....		NA+K.		S04.. 47.
BE....		FE(TOT).	0.09	NB...		SR... 0.005
BI....		GA.....		NH4.. L	0.2	
CA....	0.14	HCO3....	80.	NO3..	1.6	
CA+MG.		HG.....	L 0.0005	PB...	0.06	
CD....		H2S.....		PO4..	0.2	
CL....	30.	I.....		RB...	0.021	ZN... 0.602
CO....		K.....	1.5			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J. W. AND MILES M. J., 1974, MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEV
 UNIV RENO: DESERT RES INST. CEN WAT. RESOURCES PR REP 26

RECORD 00405

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074152

NAME OF SAMPLE SOURCE... BOGS HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 46N 28E 18 NE OF NW
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-55.7 N 118-48.1 W
 UTM ZONE... +11
 NORTHING... 4643175.
 EASTING.... 350616.

MAP REFERENCE..... VYA 1:250000, RAILROAD POINT 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/05/06
 TEMPERATURE (C)..... 55.6
 DISCHARGE..... 1000. L/MIN

OTHER SAMPLE INFORMATION.. TWO SPRINGS PROBABLY ASSOCIATED WITH AN ACTIVE FAULT.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 345.
 TOTAL DISSOLVED SOLIDS... 262.

ANALYSIS IN PPM

AG.....		CO3.....	6.				
AL.....		CR.....		MG...	N		
AU.....		CU.....		MO...		SI02..	51.
B.....	0.66	F.....	2.0	NA...	78.		
BA.....		FE+3....		NA+K..		S04..	41.
CA.....	0.4	HCO3....	113.	NO3..	0.5		
CL.....	15.						
CO.....		K.....	0.6				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 1930, GRD-WATER APPRAISAL OF PUEBLO VALLEY - CONTINENTAL LAKE REGION,
 HUMBOLDT CO, NEV; DEPT CON/NAT RES; GRD-WAT RES RSR 22.

RECORD 00406

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074725

NAME OF SAMPLE SOURCE... BROOK'S SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	34N 01E	13 NE OF NW NE	LAT/LONG...	40-49.9	N 117-18.4	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4519904.		
GEOLOGIC PROVINCE..				EASTING....	474143.		
MAP REFERENCE.....	WINNEMUCCA 1:250000, BROOK'S SPRING 1:24000						

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/09/28
 TEMPERATURE (C)..... 34.

WATER ANALYSIS

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 1085.

ANALYSIS IN PPM

AL.....		CR.....		MG...	16.		
AU.....		CU.....		MO...		SI02..	44.
B.....		F.....	1.7	NA...	157.		
BA.....		FE+3....		NA+K..		S04..	84.
CA.....	58.	HCO3....	Q 533.				
CL.....	34.						
CO.....		K.....	15.				

ISOTOPES (0/00)

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-11-10
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00407

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074430

NAME OF SAMPLE SOURCE... BROOKS HOT SPRING

WARNING NUMBER..... 19F

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 34N 41E 13 NW OF NE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, BROOKS SPRING 1:24000

COORDINATES
 LAT/LONG... 40-49.5 N 117-03.5 W
 UTM ZONE... +11
 NORTHING... 4519121.
 EASTING... 495081.

SAMPLE DESCRIPTION AND CONDITION

DATE/COLLECTOR..... 1913/00/00
 TEMPERATURE (C)..... 36.7
 DISCHARGE..... 76. L/MIN
 OTHER SAMPLE INFORMATION.. SPRING FLOWS FROM ALLUVIUM IN A MAN-MADE TRENCH.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00408

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074669

NAME OF SAMPLE SOURCE... BROOKS HOT SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 34N 01E 13 NW OF NE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 MAP REFERENCE..... WINNEMUCCA 1:250000, EDNA MOUNTAIN 1:62500, BROOKS SPRING 1:24000

COORDINATES
 LAT/LONG... 40-49.9 N 117-18.4 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/00/00
 TEMPERATURE (C)..... 34.4
 DISCHARGE..... 450.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BRADBERRY, C.E. AND ASSOCIATES, 1964, AND OLCOTT, G.W., 1959

RECORD 00409

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074760

NAME OF SAMPLE SOURCE... CAIN SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 39N 027E 30 SE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... VYA 1:250000

COORDINATES
 LAT/LONG... 41-15.2 N 118-56.0 W
 UTM ZONE... +11
 NORTHING... 4568470.
 EASTING... 338019.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.5 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/05/06
 TEMPERATURE (C)..... 23.3
 DISCHARGE..... 5.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 264.
 TOTAL DISSOLVED SOLIDS... 186.

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR..... MG... 0.2

ISOTOPES (0/00)

AU.....	CU.....	MO....	SI02..	34.
B..... 0.32	F..... 0.3	NA.... 55.	S04..	15.
BA.....	FE+3....	NA+K..		
CA..... 6.4	HCO3.... 120.	NO3.. 0.3		
CL..... 11.				
CO.....	K..... 0.6			

OTHER ANALYTICAL DATA... SAR = 5.8, RSC = 1.75

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 193A

RECORD 00410

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074761

NAME OF SAMPLE SOURCE... CAIN SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 39N 027E 30
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-15.2 N 118-56.0 W
 UTM ZONE... +11
 NORTHING... 4568470.
 EASTING... 338019.

MAP REFERENCE..... VYA 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/06/00
 TEMPERATURE (C)..... 23.3

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 264.
 TOTAL DISSOLVED SOLIDS... 186.

ANALYSIS IN PPM

AG.....	CO3..... N			
AL.....	CR.....	MG... 0.2		
AU.....	CU.....	MO... 32.	SI02..	32.
B..... 0.3	F..... 0.3	NA.... 55.	S04..	15.
BA.....	FE+3....			
CA..... 7.	HCO3.... 120.			
CL..... 12.				
CO.....	K..... 0.6			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., AND KELLER, G. V., 1975B

RECORD 00411

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074708

NAME OF SAMPLE SOURCE... CAINE (CANE) SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36N 024E 16 NE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-04.2 N 119-16.5 W
 UTM ZONE... +11
 NORTHING... 4548810.
 EASTING... 308859.

MAP REFERENCE..... VYA 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/12/12
 TEMPERATURE (C)..... 21.1
 DISCHARGE..... 10.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 323.
 TOTAL DISSOLVED SOLIDS... 256.

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	8.4	
AU.....	CU.....		MO...		SI02. 74.
B..... N	F.....	0.1	NA...	74.	
BA.....	FE+3.....		NA+K.		S04.. 22.
CA..... 23.	HC03.....	107.	NO3..	1.8	
CL..... 32.					
CO.....	K.....	10.			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 1.17, RSC = 0.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 1962B

RECORD 00412

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074707

NAME OF SAMPLE SOURCE... CAINE SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	36N 024E 11	LAT/LONG...	41-00.8 N 119-04.5 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	HUMBOLDT		NORTHING...	4542099.
GEOLOGIC PROVINCE..			EASTING....	325514.

MAP REFERENCE..... VYA 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/06/00
 TEMPERATURE (C)..... 22.8

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 325.
 TOTAL DISSOLVED SOLIDS... 250.

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	8.5	
AU.....	CU.....		MO...		SI02. 74.
B..... 0.1	F.....	0.1	NA...	75.	
BA.....	FE+3.....		NA+K.		S04.. 24.
CA..... 23.	HC03.....	107.			
CL..... 32.					
CO.....	K.....	10.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B

RECORD 00413

GEOTHERM FILE ID: 0074711

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CALIFORNIA PACIFIC UTILITIES CO. WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36N 038E 30 NE OF SW SE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-57.6 N 117-44.6 W
 UTM ZONE... +11
 NORTHING... 4534371.
 EASTING.... 437445.

MAP REFERENCE..... WINNEMUCCA 1:250000, WINNEMUCCA 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/07/24
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 151.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 728.
 TOTAL DISSOLVED SOLIDS... 452.

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....		CR.....		MG...	19.		
AU.....		CU.....		MO...		SI02.	51.
B.....	0.4	F.....	0.3	NA...	60.		
BA.....		FE+3.....		NA+K.		S04..	72.
BE.....		FE(TOT). N					
CA.....	56.	HCO3.....	260.	NO3..	0.3		
CL.....	58.						
CO.....		K.....	6.5				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 5, RSC = 1.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, 1962

RECORD 00414

GEOTHERM FILE ID: 0074706

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CANE SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36N 024E 08 SW OF SE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-00.6 N 119-17.7 W
 UTM ZONE... +11
 NORTHING... 4542192.
 EASTING.... 307004.

MAP REFERENCE..... VYA 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.7
 DISCHARGE..... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MCLANE, ALVIN, 1971, PERSONAL COMMUNICATION

RECORD 00415

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000926

NAME OF SAMPLE SOURCE... CORDERO MERCURY MINE, NORTH LOWER WELL

LOCATION TOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 47N 37E

LAT/LONG... 41-55. N 117-45. W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... HUMBOLDT

NORTHING... 4640582.

GEOLOGIC PROVINCE..

EASTING.... 437804.

OTHER LOCALITY INFORMATION: CORDERO MERCURY MINE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/17 WHITE, DON E.

TEMPERATURE (C)..... 53.0

OTHER SAMPLE INFORMATION.. SAMPLED DURING PUMPING

WATER ANALYSIS

DATE/ANALYST..... 1958/03/24 WHITEHEAD AND SCHUCH

PH..... 7.3

SPECIFIC CONDUCTANCE..... 569.

ALKALINITY..... 18. AS CaCO3

TOTAL DISSOLVED SOLIDS... 387.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....	CO3.....	N	LI... N		
AL.....	CR.....		MG... 0.5		
AU.....	CU.....		MO... 65.	SI02.	
B..... 0.78	F..... 10.		NA... 123.	S04..	61.
BA.....	FE+3.....		NA+K.		
CA..... 6.4	HCO3..... 182.		NO3.. N		
CL..... 27.					
CO.....	K..... 3.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00416

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000928

NAME OF SAMPLE SOURCE... CORDERO MERCURY MINE

LOCATION TOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 47N 037E 33 SE

LAT/LONG... 41-54.8 N 117-48.8 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... HUMBOLDT

NORTHING... 4488677.

GEOLOGIC PROVINCE..

EASTING.... 535281.

OTHER LOCALITY INFORMATION: SOUTH UPPER WELL

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/17 WHITE, DON E.

POINT OF COLLECTION.. VALVE DURING PUMPING.

TEMPERATURE (C)..... 56.0

PERTINENT LITHOLOGY..... ALLUVIUM ON TERTIARY VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1958/02/07 WHITEHEAD, H. C.

PH..... 8.1

SPECIFIC CONDUCTANCE..... 589.

TOTAL DISSOLVED SOLIDS... 395.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....		CO3..... N	LI... N		
AL..... N		CR.....	MG... 0.2		
AS..... 0.07		CS.....	MN... N		
AU.....		CU.....	MO... SI02. 60.		
B..... 0.7		F..... 13.	NA... 115.		
BA..... N		FE+3.....	NA+K. S04.. 59.		
BE.....		FE(TOT). 0.06	NB... SR... N		
BI.....		GA.....	NH4.. 0.3		
BR..... 0.1					
CA..... 3.6		HCO3..... 199.	NO3.. N		
CD.....		H2S..... 0.2	P04.. 0.14		
CL..... 26.		I..... 0.1			
CO.....		K..... 2.4			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00417

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074046

NAME OF SAMPLE SOURCE... CORDERO MERCURY MINE-CORDERO MINING CO. WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	47N 37E 28	LAT/LONG... 41-55.6 N 117-49.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... HUMBOLDT		NORTHING... 4641746.
GEOLOGIC PROVINCE..		EASTING.... 432010.

MAP REFERENCE..... MCDERMITT 1:250000, JORDAN MEADOW 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 58.9
 WELL DEPTH (M)..... 177.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D.E. (1955A) THERMAL SPRINGS AND EPITHERMAL ORE DEP. ECON. GEOL. 50, ANN. VOL. P.100-154. WARING(1965) NO.6A THERMAL SPR., USGS PROF. PAP. 492

RECORD 00418

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074047

NAME OF SAMPLE SOURCE... CORDERO MERCURY MINE-CORDERO MINING CO. WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	47N 37E 28 SE	LAT/LONG... 41-55.4 N 117-48.9 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... HUMBOLDT		NORTHING... 4641372.
GEOLOGIC PROVINCE..		EASTING.... 432421.

MAP REFERENCE..... MCDERMITT 1:250000, JORDAN MEADOW 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 51.7
 WELL DEPTH (M)..... 183.
 DISCHARGE..... 10. L/MIN

OTHER SAMPLE INFORMATION.. HOT WATER IS PUMPED FROM WELL AT 10 GPM FOR DOMESTIC USE, AUGMENTED BY 8 GPM COLD WATER.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOLMES, G.H., JR. (1966) WATER REQUIREMENTS AND USES IN NEVADA MINERAL INDUSTRIES; US BUR.
 MINES INF. CIRC 8288

RECORD 00419

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074050

NAME OF SAMPLE SOURCE... CORDERO MERCURY MINE-CORDERO MINING CO. WELL
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 47N 37E 28
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MCDERMITT 1:250000, JORDAN MEADOW 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

COORDINATES
 LAT/LONG... 41-55.6 N 117-49.2 W
 UTM ZONE... +11
 NORTHING... 4641746.
 EASTING.... 432010.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.8
 WELL DEPTH (M)..... 168.

WATER ANALYSIS

PH..... 7.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D.E. (1955A) THERMAL SPRINGS AND EPITHERMAL ORE DEP. ECON. GEOL. 50 ANN. VOL.,
 P.100-154. WARING (1965 NO. 6A) THERMAL SPR OF U.S., USGS PROF. PAPER 492

RECORD 00420

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074158

NAME OF SAMPLE SOURCE... CORDERO MERCURY MINE - CORDERO MINING CO. WELL
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 47N 37E 28 SE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MCDERMITT 1:250000, JORDAN MEADOW 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

COORDINATES
 LAT/LONG... 41-55.4 N 117-48.9 W
 UTM ZONE... +11
 NORTHING... 4641372.
 EASTING.... 432421.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0
 WELL DEPTH (M)..... 135.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 500.
 TOTAL DISSOLVED SOLIDS... 365.

ANALYSIS IN PPM

AL.....	CR.....	MG...	10.		
AU.....	CU.....	MO...		SI02.	57.
BA.....	FE+3....	NA+K.	62.	S04..	56.
BE.....	FE(TOT). T				
CA..... 36.	HCO3....		195.		
CL..... 34.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 REFERENCE..... VISHER, F. N., 1957, GEOLOGY AND GROUND WATER RESOURCES OF QUINN RIVER VALLEY, HUMBOLDT CO:
 OFF. STATE ENGINEER WATER RESOURCES BULL. 14

RECORD 00421

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000621

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36N 26E 04
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... VYA 1:250000

COORDINATES

LAT/LONG... 41-03.1 N 119-01.6 W
 UTM ZONE... +11
 NORTHING... 4546058.
 EASTING.... 327977.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 80.0
 DISCHARGE..... 175. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... TRACES OF CaCO₃ AND SILICA DEPOSITED.
 PERTINENT LITHOLOGY..... ROCK TYPES: ALLUVIUM, BASALT, ASH-FLOW RHYOLITE.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 902.
 ALKALINITY..... 265. AS HCO₃

ANALYSIS IN MG/L

AG....		CO ₃	2.	LI...	0.06	SB...			
AL....	0.024	CR.....		MG...	0.1	SC...			
AS....	0.06	CS.....	L 0.1	MN...	L 0.02				
AU....		CU.....	0.02	MO...		SI02.	105.		
B....	1.8	F.....	10.	NA...	180.				
BA....		FE+3....		NA+K.		S04..	120.		
BE....		FE(TOT). L	0.02	NB...		SR...	0.09		
BI....		GA.....		NH4..	0.39				
BR....	0.2								
CA....	4.8	HCO ₃	261.						
CA+MG.		HG.....	0.0004						
CD....		H ₂ S.....		P04..	0.21				
CL....	59.	I.....	0.02	RB...	L 0.02				
CO....		K.....	4.5						

ISOTOPES (0/00)

DEL D OF WATER..... -128.8
 DEL O(18) OF WATER... -15.93

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

CH ₄ ..	3.		
C ₂ H ₆ .		N ₂ ...	90.
CO ₂ ..	4.		

ISOTOPES (00/0)REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
 OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00422

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074381

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS - BLACK ROCK HOT SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... NEVADA 36N 26E 34
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: AREA IS UNSURVEYED.

COORDINATES
 LAT/LONG... 40-57.9 N 119-00.3 W
 UTM ZONE... +11
 NORTHING... 4536596.
 EASTING... 331278.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 55.0

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 2050.
 TOTAL DISSOLVED SOLIDS... 1330.

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....		CR.....		MG...	0.19		
AU.....		CU.....		MO...		SI02.	70.
B.....	2.8	F.....	9.	NA...	570.	S04..	130.
BA.....		FE+3....		NA+K.			
CA.....	24.	HCO3....	902.				
CL.....	180.						
CO.....		K.....	12.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B, COLORADO SCH MINES NEVADA GEOTHERMAL STUDY PRG REP 4
 (2/1/75 - 10/31/75) NAT SCI FND GRANT G43866

RECORD 00423

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074384

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS - BLACK ROCK HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... NEVADA 36N 26E 34 NW
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES,

COORDINATES
 LAT/LONG... 40-58.2 N 119-00.6 W
 UTM ZONE... +11
 NORTHING... 4537160.
 EASTING... 330870.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/05/03
 TEMPERATURE (C)..... 57.8
 DISCHARGE..... 189. L/MIN

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 2050.
 TOTAL DISSOLVED SOLIDS... 1330.

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....		CR.....		MG...	1.9		
AU.....		CU.....		MO...		SI02.	62.
B.....	2.8	F.....	8.9	NA...	486.	S04..	130.
BA.....		FE+3....		NA+K.			
CA.....	18.	HCO3....	902.	NO3..	0.2		
CL.....	155.						
CO.....		K.....	13.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 2.93, RSC = 13.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 19 3A, GROUND-WATER APPRAISAL OF THE BLACK ROCK DESERT AREA, NW NEVADA:
 NEV. DEPT CONSERV AND NAT RES GR-WAT RES RECONN SR 20

RECORD 00424

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074388

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS - BLACK ROCK HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36N 26E 34
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-57.9 N 119-00.3 W
 UTM ZONE... +11
 NORTHING... 4536596.
 EASTING.... 331278.

MAP REFERENCE..... LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 90.0

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 6590.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG...	4.		
AU.....	CU.....	MO...		SI02.	120.
B.....	F.....	NA...	1500.		
BA.....	FE+3....	NA+K.		S04..	290.
CA..... 35.	HC03....				
CL..... 787.					
CO.....	K.....		20.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MARINER, R. H., RAPP, WILLEY, AND PRESSER, 1974, CHEM. COMP AND ESTIMATED MIN THERM RESRVR
 TEMP OF HT SPGS, N. NEV. USGS OPEN-FILE REPORT.

RECORD 00425

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074069

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS=BLACK ROCK HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36N 26E 21
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-59.8 N 119-01.25 W
 UTM ZONE... +11
 NORTHING... 4540142.
 EASTING.... 330027.

MAP REFERENCE..... LOVELOCK 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 68.3

WATER ANALYSIS

PH..... 7.1

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	0.19		
AU.....	CU.....	MO...		SI02.	86.
B..... 1.8	F.....	NA...	265.		

BA..... FE+3..... NA+K. S04.. 135.
 CA..... 18. HCO3..... 280.
 CL..... 120.
 CO..... K..... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T. AND KELLER, G.V. (1975B) COLORADO SCH. MINES NEVADA GEOTHERMAL STUDY PROG. REP 4
 (2/1/75-10/31/75) NAT. SCI. FOUND. GRANT GI 43866

RECORD 00426

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074072

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS-BLACK ROCK HOT SPRINGS

LOCATION
 TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 36N 26E 22
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-59.8 N 119-00.2 W
 UTM ZONE... +11
 NORTHING... 4540108.
 EASTING.... 331499.

MAP REFERENCE..... LOVELOCK 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 90.0
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGE: 73.9 - 90. C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOSE, R.K. AND TAYLOR, B.E. (1974) GEOTHERMAL SYSTEMS OF NORTHERN NEVADA: USGS OPEN-FILE
 REPORT 74-271

RECORD 00427

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074079

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS

LOCATION
 TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 37N 26E 10
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-07.1 N 119-00.1 W
 UTM ZONE... +11
 NORTHING... 4553612.
 EASTING.... 331949.

MAP REFERENCE..... VYA 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.6
 DISCHARGE..... 3. L/MIN
 OTHER SAMPLE INFORMATION.. 3 SPRINGS 1-2 MILES APART (NEAR BASE OF WEST FLANK OF BLACK ROCK RANGE). TEMPERATURE:
 54.4 - 65.6 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492

RECORD 00428

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074117

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS

LOCATION
 TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	37N 25E	11 NW	LAT/LONG...	41-07.4	N 119-06.1	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4554365.		
GEOLOGIC PROVINCE..				EASTING....	323566.		

MAP REFERENCE..... VYA 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/02/00
 TEMPERATURE (C)..... 39.5
 WELL DEPTH (M)..... 92.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 193A, GROUND-WATER APPRAISAL OF BLACK ROCK DESERT AREA, NW NEV.: NEV.
 DEPT. CONSV./NAT. RESRS; GROUND-WATER RESRS RECONN SER, REPT. 20

RECORD 00429

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074122

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS - SPRING DH=2

<u>LOCATION</u>	<u>TOWNSHIP=RANGE</u>	<u>COORDINATES</u>
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COUNTRY.....	UNITED STATES	36N 26E	16	LAT/LONG...	41-01.0	N 119-01.2	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4542361.		
GEOLOGIC PROVINCE..				EASTING....	330148.		

MAP REFERENCE..... VYA 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 68.3

WATER ANALYSIS

PH..... 7.6

ANALYSIS IN PPM

AG.....		CO3.....	N			
AL.....		CR.....		MG...	0.1	
AU.....		CU.....		MO...		SI02, 130.
B.....	2.1	F.....	10.	NA...	230.	
BA.....		FE+3.....		NA+K.		S04.. 120.
CA.....	17.	HC03.....	280.			
CL.....	110.					
CO.....		K.....	4.5			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B, COLORADO SCHOOL MINES NEVADA GEOTHERMAL STUDY
 PROGRAM REPT. 4 (2/1/75-10/31/75) COL. SCH. MINES REPT: NATNL SCI. FND. GRANT, GI 43866

RECORD 00430

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074123

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP=RANGE</u>	<u>COORDINATES</u>
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COUNTRY.....	UNITED STATES	36N 26E	04 NW	LAT/LONG...	41-03.0	N 119-01.6	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4546074.		
GEOLOGIC PROVINCE..				EASTING....	329674.		

MAP REFERENCE..... VYA 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 88.5
 DISCHARGE..... 5. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGES FROM 74 TO 88.5 DEG C. WARING NO. 12.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 U.S. GEOL. SURVEY PROF. PAPER 492, NO. 12

RECORD 00431

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074124

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	36N 26E 21	LAT/LONG... 41-00.3 N 119-01.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... HUMBOLDT		NORTHING... 4541066.
GEOLOGIC PROVINCE..		EASTING.... 330118.
MAP REFERENCE..... VYA 1:250000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 68.3

WATER ANALYSIS

PH..... 7.1

ANALYSIS IN PPM

AG.....	CO3..... N			
AL.....	CR.....	MG...	0.19	
AU.....	CU.....	MO...		SI02. 86.
B..... 1.8	F..... 10.	NA...	265.	S04.. 135.
BA.....	FE+3....	NA+K.		
CA..... 18.	HCO3.... 280.			
CL..... 120.				
CO.....	K..... 10.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B, COL. SCH. MINES NEVADA GEOTHERMAL STUDY PR. RT. 4
 (2/1/75-10-31-75) COL. SCH. MINES REP; NAT. SCI. FD. GRANT, GI 43866

RECORD 00432

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074125

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS - SPRING DH-3

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	36N 26E 16	LAT/LONG... 41-01.0 N 119-01.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... HUMBOLDT		NORTHING... 4542361.
GEOLOGIC PROVINCE..		EASTING.... 330148.
MAP REFERENCE..... VYA 1:250000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 73.3

WATER ANALYSIS

PH..... 7.0

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	0.15		
AU....		CU.....	MO...		SI02.	112.
B.....	2.0	F.....	NA...	260.		
BA....		FE+3....	NA+K.		S04..	140.
CA....	15.	HCO3....				
CL....	120.					
CO....		K.....		5.6		

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B, COL. SCH. MNS. NEVADA GEOTHERMAL STUDY PRG. REP. 4
 (2/1/75-10-31-75) COL. SCH. MNS. REP: NAT. SCI. FND. GT., GI 43866

RECORD 00433

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074127

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	36N 26E	22	LAT/LONG...	41-00.2	N 119-00.2	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4540848.		
GEOLOGIC PROVINCE..				EASTING....	331516.		
MAP REFERENCE.....	VYA 1:250000						

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 90.0
 OTHER SAMPLE INFORMATION.. TEMPERATURES RANGE FROM 74-90 DEG C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOSE, R. K. AND TAYLOR, B. E., 1974, GEOTHERMAL SYSTEMS OF NORTHERN NEVADA: US GEOL. SURVEY
 OPEN-FILE REPORT 74-271

RECORD 00434

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074149

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	37N 25E	10 SE	LAT/LONG...	41-06.9	N 119-06.5	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4553453.		
GEOLOGIC PROVINCE..				EASTING....	322984.		
MAP REFERENCE.....	VYA 1:250000						

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/00
 TEMPERATURE (C)..... 36.1

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE.... 446.
 TOTAL DISSOLVED SOLIDS... 321.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	3.		

AU.....	CU.....	MO....	SI02..	80.
B..... 0.2	F..... 1.5	NA.... 77.	S04..	45.
BA.....	FE+3....	NA+K.		
CA..... 10.	HCO3.... 165.			
CL..... 32.				
CO.....	K..... 11.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B, COL SCH MNS NEVADA GEOTHERMAL STUDY PRG REP 4
 (2/1/75 - 10-11/75) COL SCH MNS REP: NATNL SCI FND GRT GI43866

RECORD 00435

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074150

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	37N 25E 10 SE	LAT/LONG... 41-06.9 N 119-06.5 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... HUMBOLDT		NORTHING... 4553453.
GEOLOGIC PROVINCE..		EASTING.... 322984.
MAP REFERENCE..... VYA 1:250000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/06/04
 TEMPERATURE (C)..... 36.1

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 446.

ANALYSIS IN PPM

AL.....	CR.....	MG.... 2.8		
AU.....	CU.....	MO....	SI02..	79.
B.....	F..... 1.8	NA.... 78.	S04..	28.
BA.....	FE+3....	NA+K.		
CA..... 9.6	HCO3.... 165.	NO3.. N		
CL..... 28.				
CO.....	K..... 11.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 1963A, GROUND-WATER APPRAISAL OF BLACK RK DESERT AREA, NW NEV: NEV DEPT
 CONSV/NAT RESRS; GR-WAT RESRS, RECONN SER REPT 20.

RECORD 00436

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074273

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS, BLACK ROCK HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	36N 26E 04	LAT/LONG... 41-02.8 N 119-01.4 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... HUMBOLDT		NORTHING... 4545698.
GEOLOGIC PROVINCE..		EASTING.... 329945.
MAP REFERENCE..... VYA 1:250000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES		

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 78.0

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 910.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	2.	LI...	0.05		
AL....		CR.....		MG...	0.1		
AU....		CU.....		MO...		SI02.	105.
B.....	2.0	F.....	10.	NA...	225.	S04..	120.
BA....		FE+3....		NA+K.			
CA....	15.	HCO3....	260.				
CL....	80.						
CO....		K.....	4.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MIENS AND GEOLOGY
 REFERENCE..... GROSE, L. T., AND KELLER, G. V., 1975B, COL SCH MNS NEVADA GEOTHERMAL STUDY PRG REP 4
 (2/1/75 - 10/31/75) COL SCH MNS REP; NATNL SCI FND GT GI73866

RECORD 00437

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074144

NAME OF SAMPLE SOURCE... DYKE HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	43N 30E	25 SE OF SE	LAT/LONG...	41-33.9	N 118-33.9	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4602450.		
GEOLOGIC PROVINCE..				EASTING....	369506.		

MAP REFERENCE..... VYA 1:250000, DUFFER PEAK 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/08
 TEMPERATURE (C)..... 70.0

WATER ANALYSIS

PH..... 8.7
 SPECIFIC CONDUCTANCE..... 636.
 TOTAL DISSOLVED SOLIDS... 470.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	16.	MG... N			
AL....		CR.....		MO...		SI02.	83.
AU....		CU.....		NA...	146.	S04..	76.
B.....	0.41	F.....	8.9	NO3..	0.3		
BA....		FE+3....					
CA....	3.2	HCO3....	218.				
CL....	6.0						
CO....		K.....	3.7				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 1962A, GROUND-WATER RESOURCES OF DESERT VAL., HUMBOLDT AND PERSHING CO.
 NEVADA: NEV. DEPT, CONSV/NAT RES.; GROUND/WATER RES. RECONN. SR 7

RECORD 00438

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074302

NAME OF SAMPLE SOURCE... DYKE HOT SPRINGS
 WARING NUMBER..... 10

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 43N 31E 30 COORDINATES
 STATE..... NEVADA LAT/LONG... 41-34.1 N 118-34.7 W
 COUNTY..... HUMBOLDT UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4602841.
 MAP REFERENCE..... VYA 1:250000, DUFFER PEAK 1:62500 EASTING.... 368401.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 68.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492 (NO.10)

RECORD 00439

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000617

NAME OF SAMPLE SOURCE... DYKE HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 43N 30E 25 SE COORDINATES
 STATE..... NEVADA LAT/LONG... 41-34.01 N 118-33.74 W
 COUNTY..... HUMBOLDT UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4602650.
 MAP REFERENCE..... VYA 1:250000, DUFFER PEAK 1:62500 EASTING.... 369732.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... Q 66.
 DISCHARGE..... 100. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... TRACES OF CaCO3 DEPOSITED.
 PERTINENT LITHOLOGY..... ALLUVIUM AND METAMORPHICS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.9
 SPECIFIC CONDUCTANCE..... 666.
 ALKALINITY..... 277. AS HC03

ANALYSIS IN MG/L

AG....		CO3.....	LI... 0.09	SB...	
AL.... 0.020		CR.....	MG... L 0.1	SC...	
AS.... L 0.01		CS..... L 0.1	MN... L 0.02		
AU....		CU..... L 0.01	MO...	SI02.	85.
B.... 1.0		F..... 8.0	NA... 150.		
BA....		FE+3....	NA+K.	S04..	82.
BE....		FE(TOT). L 0.02	NB...	SR...	0.12
BI....		GA.....	NH4..		0.64
BR.... 0.05					
CA.... 1.8					
CA+MG.		HG..... 0.0008			
CD....		H2S.....	P04.. 0.06		
CL.... 21.		I..... 0.02	RB... 0.02		
CO....		K..... 4.3			

ISOTOPES (0/00)
 DEL D OF WATER..... -128.0
 DEL O(18) OF WATER... -16.29

QUALIFICATION FIELD..... SPRING REPORTED AS "N AR BOILING".

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00440

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074751

NAME OF SAMPLE SOURCE... E.W. GONDRA WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 41N 0 0E 22 NE OF SE LAT/LONG... 41-25.0 N 117-26.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... HUMBOLDT NORTHING... 4584896.
 GEOLOGIC PROVINCE.. EASTING.... 462810.

MAP REFERENCE..... HOT SPRINGS PEAK 1:62500, MCDERMITT 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/07/18
 TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 133.

WATER ANALYSIS

PH..... 8.4
 TOTAL DISSOLVED SOLIDS... 337.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	7.			
AL.....	CR.....		MG...	6.	
AS..... 0.01					
AU.....	CU.....		MO...		SI02. 83.
B..... 0.2	F.....	0.7			
BA.....	FE+3....		NA+K.		S04.. 31.
CA..... 23.	HCO3....	173.	NO3..	2.	
CL..... 29.					

OTHER ANALYTICAL DATA... SAR = 2.7, RSC = 1.43

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARRILL, J. R., AND MOORE, D. O., 1970

RECORD 00441

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074182

NAME OF SAMPLE SOURCE... EAST PINTO HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 40N 28E 21 LAT/LONG... 41-21.7 N 118-47.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... HUMBOLDT NORTHING... 4580231.
 GEOLOGIC PROVINCE.. EASTING.... 350695.

MAP REFERENCE..... VYA 1:250000, PINTO MTN. 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 94.0

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1560.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	1.	LI...	0.5	
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AL....		CR.....		MG...	0.3		
AU....		CU.....		MO...		SI02.	155.
B.....	7.	F.....	14.	NA...	325.		
BA....		FE+3....		NA+K.		S04..	120.
CA....	19.	HCO3....	500.				
CL....	160.						
CO....		K.....	26.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B, COL SCH MNS NEVADA GEOTHERMAL STUDY PRG REP 4
 (2/1/75 - 10/31/75) COL SCH MNS REP: NATNL SCI FND GT GI43866

RECORD 00442

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000579

NAME OF SAMPLE SOURCE... EAST PINTO HOT SPRING

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

LAT/LONG... 41-21. N 118-47. W
 UTM ZONE... +11
 NORTHING... 4578933.
 EASTING.... 350808.

MAP REFERENCE..... VYA 1:250000
 OTHER LOCALITY INFORMATION: UNSURVEYED

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 93.0
 DISCHARGE..... 500. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... CaCO3 AND SILICA APRON DEPOSITED
 PERTINENT LITHOLOGY..... GRANODIORITE IS ROCK TYPE.
 OTHER SAMPLE INFORMATION.. SPRING NEAR BOILING.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 1560.
 ALKALINITY..... 497. AS HCO3

ANALYSIS IN MG/L

AG....		CO3.....		LI...	0.45	SB...	
AL....	0.024	CR.....		MG...	0.4	SC...	
AS....	0.07	CS.....	0.1	MN...	0.03		
AU....		CU.....	0.01	MO...		SI02.	150.
B.....	7.5	F.....	12.	NA...	330.		
BA....		FE+3....		NA+K.		S04..	120.
BE....		FE(TOT)..	0.08	NB...		SR...	0.57
BI....		GA.....		NH4..	1.0		
BR....	0.1						
CA....	14.						
CA+MG.		HG.....	0.0040				
CD....		H2S.....		P04..	0.12		
CL....	160.	I.....	0.04	RB...	0.28		
CO....		K.....	23.				

ISOTOPES (0/00)

DEL D OF WATER..... -129.2
 DEL O(18) OF WATER... -14.48

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL

RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00443

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074734

NAME OF SAMPLE SOURCE... FIVE MILE SPRING
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
STATE..... NEVADA 45N 033E 21 SE OF NE SW LAT/LONG... 41-45.8 N 118-15.7 W
COUNTY..... HUMBOLDT UTM ZONE... +11
GEOLOGIC PROVINCE.. NORTHING... 4624056.
MAP REFERENCE..... VYA 1:250000, ALKALI LAKE 1:24000 EASTING.... 395122.
OTHER LOCALITY INFORMATION: LOCATION IS ACCURATE ON 15 MIN QUAD BUT IT IS ONE MILE OFF, NORTH AND WEST, ON
AMS(1:250000).

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/09
TEMPERATURE (C)..... 27.

WATER ANALYSIS

PH..... 7.3
SPECIFIC CONDUCTANCE..... 250.

ANALYSIS IN PPM

AL....	CR.....	MG...	2.8		
AU....	CU.....	MO...		SI02.	53.
B.....	F.....	NA...	28.		
BA....	FE+3....	NA+K.		S04..	14.
CA.... 14.	HC03.... Q 94.				
CL.... 15.					
CO....	K..... 6.3				

ISOTOPES (0/00)

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NK-11-7-5
REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00444

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074745

NAME OF SAMPLE SOURCE... FIVEMILE SPRING
WARNING NUMBER..... 6
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
STATE..... NEVADA 45N 033E 22 LAT/LONG... 41-45.7 N 118-15.8 W
COUNTY..... HUMBOLDT UTM ZONE... +11
GEOLOGIC PROVINCE.. NORTHING... 4623873.
MAP REFERENCE..... VYA 1:250000, TRIDENT PEAK 1:62500 EASTING.... 394980.
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... Q 28.
DISCHARGE..... 224.

PERTINENT LITHOLOGY..... SPRINGS ISSUE IN GRAVEL DOWN GRADIENT FROM THE CONTACT OF BEDROCK AND ALLUVIUM.
QUALIFICATION FIELD..... TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 76-83 F. WATER IS ABOUT 20 DEG F WARMER THAN THAT
PUMPED FROM NEARBY WELLS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... ZONES, C. P., 1963 AND WARING, G. A., 1965

RECORD 00445

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000820

NAME OF SAMPLE SOURCE... FLOWING WELL NEAR BALTAZOR HOT SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 46N 28E 13 NW
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 41-55.4 N 118-42.5 W
 UTM ZONE... +11
 NORTHING... 4642462.
 EASTING... 358344.

MAP REFERENCE..... VYA 1:250000, DENIO 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP

TEMPERATURE (C)..... 90.

DISCHARGE..... 25. L/MIN

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 7.5

SPECIFIC CONDUCTANCE..... 934.

ALKALINITY..... 157. AS HC03

ANALYSIS IN MG/L

AG.....		C03.....		LI... 0.22	SB...		
AL..... 0.022		CR.....		MG... 0.1	SC...		
AS..... 0.01		CS..... L 0.1		MN... L 0.02			
AU.....		CU..... 0.02		MO...	SI02.. 150.		
B..... 2.1		F..... 6.8		NA... 180.			
BA.....		FE+3.....		NA+K..	S04.. 230.		
BE.....		FE(TOT). L 0.02		NB...	SR... 0.15		
BI.....		GA.....		NH4.. 0.26			
BR..... 0.2							
CA..... 10.							
CA+MG.		HG..... 0.0013					
CD.....		H2S.....		P04.. 0.21			
CL..... 47.		I..... 0.02		RB... 0.04			
CO.....		K..... 8.2					

ISOTOPE\$ (0/00)

DEL D OF WATER..... -125.8
 DEL O(18) OF WATER... -15.61

QUALIFICATION FIELD..... LOW CALCIUM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE
 MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00446

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074296

NAME OF SAMPLE SOURCE... GOLCONDA HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 36N 40E 33
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-57.0 N 117-29.0 W
 UTM ZONE... +11
 NORTHING... 4533107.
 EASTING... 459319.

MAP REFERENCE..... WINNEMUCCA 1:250000, GOLCONDA 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0
 DISCHARGE..... 189. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1955, THERMAL SPRINGS AND EPITHERMAL ORE DEPOSITS: ECONOMIC GEOLOGY, FIFTIETH ANNIV. VOL. P.100-154

RECORD 00447

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074367

NAME OF SAMPLE SOURCE... GOLCONDA AREA

LOCATION TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 36N 40E 32 NE OF NE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-57.4 N 117-29.2 W
 UTM ZONE... +11
 NORTHING... 4533849.
 EASTING.... 459043.

MAP REFERENCE..... WINNEMUCCA 1:250000, GOLCONDA 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/00/00
 TEMPERATURE (C)..... 81.0
 WELL DEPTH (M)..... 53.
 OTHER SAMPLE INFORMATION.. DRILLED IN 1940.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SEGERSTROM, D.I. (1972) WRITTEN COMMUNICATION: NEVADA BUREAU OF MINES AND GEOLOGY FILES-HUMBOLDT CO #97

RECORD 00448

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074692

NAME OF SAMPLE SOURCE... GOLCONDA AREA

LOCATION TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 36N 040E 29 NE OF SE SW
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-57.6 N 117-29.8 W
 UTM ZONE... +11
 NORTHING... 4534224.
 EASTING.... 458203.

MAP REFERENCE..... WINNEMUCCA 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/08/07
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 6.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 811.
 TOTAL DISSOLVED SOLIDS... 478.

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR..... MG... 6.8
 AU..... CU..... MO... SI02. 80.

ISOTOPES (0/00)

B..... F..... NA... 126.
 BA..... FE+3..... NA+K. S04.. 50.
 CA..... 40. HC03..... 434.
 CL..... 20.
 CO..... K..... 22.

OTHER ANALYTICAL DATA... SAR = 4.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, 1962

RECORD 00449

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074693

NAME OF SAMPLE SOURCE... GOLCONDA AREA
 WARING NUMBER..... 19C

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 36N 040E 36
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-57.0 N 117-25.3 W
 UTM ZONE... +11
 NORTHING... 4533080.
 EASTING.... 464509.

MAP REFERENCE..... WINNEMUCCA 1:250000, EDNA MTN 1:62500, GOLCONDA 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 20.6
 DISCHARGE..... 1.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00450

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074166

NAME OF SAMPLE SOURCE... GOLCONDA AREA-SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 36N 40E 29 SW OF SE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-57.6 N 117-29.6 W
 UTM ZONE... +11
 NORTHING... 4534222.
 EASTING.... 458484.

MAP REFERENCE..... WINNEMUCCA 1:250000, GOLCONDA 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/12/02
 TEMPERATURE (C)..... 64.5

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 845.
 TOTAL DISSOLVED SOLIDS... 571.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	8.4		
AU.....	CU.....	MO...		SI02.	59.
B..... 1.3	F..... 2.0	NA...	146.		
BA.....	FE+3.....	NA+K.		S04..	56.
BE.....	FE(TOT). N				
CA..... 35.	HC03..... 448.	NO3..	0.4		

ISOTOPES (0/00)

CL.... 20.
CO.... K..... 23.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... COHEN, P., 1962C, PRELIM RESULTS OF HYDROGEOCHEMICAL STUDIES IN HUMBOLDT RIV VALL NEAR WINNEMUCCA; NEVADA DEPT CONSER AND NAT RES WAT RES BULL. 24
WARING, G. A., 1965 #19B, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD; U.S.G.S. PROF. PAP. 492

RECORD 00451

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000917

NAME OF SAMPLE SOURCE... GOLCONDA HOT SPRINGS

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36N 040E 33 NW
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 40-57. N 117-29. W
UTM ZONE... +11
NORTHING... 4533107.
EASTING.... 459319.

MAP REFERENCE..... GOLCONDA 1:24000, WINNEMUCCA 1:250000
OTHER LOCALITY INFORMATION: 1/2 MI. N OF GOLCONDA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/16 WHITE AND BAILEY
TEMPERATURE (C)..... 18.7

WATER ANALYSIS

DATE/ANALYST..... 1957/08/20 ROBERSON, C. E.
PH..... 6.7
SPECIFIC CONDUCTANCE..... 856.
ALKALINITY..... 114. AS CaCO3
TOTAL DISSOLVED SOLIDS... 572.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N	LI... 0.5		
AL.... N		CR.....	MG... 7.8		
AS.... 0.01		CS.....	MN... 0.1		
AU....		CU.....	MO... 0.1	SI02. 59.	
B.... 1.5		F..... 2.0	NA... 148.	S04.. 51.	
BA....		FE+3.....	NA+K.		
BE....		FE(TOT). N			
BI....		GA.....	NH4.. 0.1		
BR.... 0.5					
CA.... 33.		HCO3..... 4.	N03.. 3.		
CL.... 2.0		I..... N			
CO....		K..... 22.			

OTHER ANALYTICAL DATA... NO2 0.3 PPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00452

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000922

NAME OF SAMPLE SOURCE... GOLCONDA HOT SPRINGS

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36N 40E 33 NE
STATE..... NEVADA

COORDINATES
LAT/LONG... 40-57.2 N 117-29.3 W
UTM ZONE... +11

COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... GOLCONDA 1:24000, WINNEMUCCA 1:250000

NORTHING... 4533480.
 EASTING.... 458900.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/10/20 FETH, J. AND ROGERS, S.
 TEMPERATURE (C)..... 27.0

WATER ANALYSIS

DATE/ANALYST..... 1958/11/03 WHITEHEAD, H. C.
 SPECIFIC CONDUCTANCE..... 818.
 ALKALINITY..... 126. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 545.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	N				
AL....		CR.....		MG...	7.8		
AU....		CU.....		MO...		SI02.	59.
B.....		F.....	1.8	NA...	134.		
BA....		FE+3....		NA+K.		S04..	53.
CA....	38.	HCO3....	430.	NO3..	0.1		
CL....	20.						
CO....		K.....	19.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00453

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000923

NAME OF SAMPLE SOURCE... GOLCONDA HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 36N 040E 33 SE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... GOLCONDA 1:24000, WINNEMUCCA 1:250000

LAT/LONG... 40-57. N 117-29. W
 UTM ZONE... +11
 NORTHING... 4533107.
 EASTING.... 459319.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1940/11/03 ROBERTS, R. J.
 TEMPERATURE (C)..... 63.5

WATER ANALYSIS

DATE/ANALYST..... 1941/02/14 MURATA, K. J.
 PH..... 7.8
 TOTAL DISSOLVED SOLIDS... 785.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....		LI... T			
AL....		CR.....		MG... 7.8			
AS.... N		CS.....		MN... 0.14			
AU....		CU.....		MO...		SI02.	57.
B.....	1.3	F.....	2.3	NA...	141.		
BA....		FE+3....		NA+K.		S04..	54.
BI....		GA.....		NH4.. T			
CA....	34.	HCO3....	441.	NO3..	0.4		
CL....	21.						
CO....		K.....	22.				

OTHER ANALYTICAL DATA... B = .62% OF EQ. FE + AL .6 PPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00454

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074363

NAME OF SAMPLE SOURCE... GOLCONDA HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 36N 0 0E 29 SW OF SE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, GOLCONDA 1:24000

COORDINATES
 LAT/LONG... 40-57.6 N 117-29.6 W
 UTM ZONE... +11
 NORTHING... 4534222.
 EASTING.... 458484.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/08/24 ROBINSON, T. W.
 TEMPERATURE (C)..... 65.5
 DISCHARGE..... 757. L/MIN
 DEPOSITS OR ALTERATION... PENROSE (1893) REPORTED MGO-CHARGED SINTER DEPOSITS.
 OTHER SAMPLE INFORMATION.. ABOUT 12 SPRINGS IN AREA. DISCHARGE RANGES FROM 50-200 GPM.

WATER ANALYSIS

DATE/ANALYST..... 1945/09/05 MILLER, M. R.
 SPECIFIC CONDUCTANCE..... 849.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... CR..... MG... 7.7
 B..... 1.4 F..... NA... 180.
 BA.... FE+3.... NA+K. S04.. 108.
 CA.... 33. HCO3.... 444.
 CL.... 21.

OTHER ANALYTICAL DATA... B = 0.64% OF EQ.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MILLER, M.R., HARDMAN, G. AND MASON, H.G. (1953) IRRIGATION WATERS IN NEVADA; NEVADA UNIV.,
 RENO, AGR. EXPT. STATION BULL. 187; PERSONAL FILE OF DON WHITE, USGS, MENLO PARK; PENROSE, 1893

RECORD 00455

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074406

NAME OF SAMPLE SOURCE... GOLCONDA HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 36N 40E
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, GOLCONDA 1:24000

COORDINATES
 LAT/LONG... 40-59.2 N 117-28.4 W
 UTM ZONE... +11
 NORTHING... 4537173.
 EASTING.... 460183.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/20
 TEMPERATURE (C)..... 42.8
 PERTINENT LITHOLOGY..... ALLUVIUM
 OTHER SAMPLE INFORMATION.. TWELVE SPRINGS IN AREA. RESORT.

WATER ANALYSIS

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 942.
 TOTAL DISSOLVED SOLIDS... 626.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... L 0.02	CO3..... N	LI... 0.527	SB... L 0.1
AL....	CR..... L 0.02	MG... 7.8	
AS... 0.0009	CS..... 1.1	MN... 0.096	SE... L 0.001
AU....	CU..... L 0.01	MO... 40.	SI02. 40.
B.....	F..... 2.9	NA... 159.	SN... L 0.05
BA... 0.46	FE+3....	NA+K.	S04.. 57.
BE... L 0.005	FE(TOT). 0.79	NB... 0.227	SR... 0.227
BI... L 0.1	GA.....	NH4.. 0.8	
BR....	GE.....	NI... 0.06	
CA... 47.	HCO3.... 528.	NO3.. 0.2	
CA+MG.	HG..... L 0.0005	PB... 0.02	
CD... L 0.01	H2S.....	PO4.. L 0.1	
CL... 27.	I.....	RB... 0.198	ZN... 0.068
CO....	K..... 24.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANERS, J.W. AND MILES, M.J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEV. UNIV.
 RENO DESERT RESEARCH INST.; CENTER WATER RESOURCES RESEARCH PROF. REPORT 26; WARING, G.A. (1965) THERMAL SPRINGS OF
 THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: USGS PROF. PAPER 492

RECORD 00456

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000649

NAME OF SAMPLE SOURCE... GOLCONDA HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES 36N 40E 32
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, EDNA MOUNTAIN 1:62500

COORDINATES

LAT/LONG... 40-57.69 N 117-29.63 W
 UTM ZONE... +11
 NORTHING... 4534389.
 EASTING.... 458443.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 74.0
 DISCHARGE..... 750. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... CaCO3 APRON DEPOSITED
 PERTINENT LITHOLOGY..... ROCK TYPES: ALLUVIUM, QUARTZITE, VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 810.
 ALKALINITY..... 430. AS HCO3

ANALYSIS IN MG/L

ISOTOPES (0/00)

AG....	CO3.....	LI... 0.36	SB... 66.
AL... 0.002	CR.....	MG... 6.8	SC... 56.
AS... 0.02	CS..... 0.2	MN... 0.1	SR... 0.72
AU....	CU..... 0.05	MO... 130.	
B..... 1.1	F..... 1.8	NA... 0.39	
BA... 0.02	FE+3....		
BE... 33.	FE(TOT). 0.22		
BI... 0.0001	GA.....		
BR... 0.0001	HG..... 0.0001		

DEL D OF WATER..... -125.5
 DEL O(18) OF WATER... -15.65

CD..... H2S..... P04.. 0.12
 CL..... 18. I..... 0.005 RB... 0.09
 CO..... K..... 22.

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

ISOTOPES (00/0)

CH4.. 1.
 C2H6. N2... 58.
 CO2.. 38.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00457

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074261

NAME OF SAMPLE SOURCE... GOLCONDA TUNGSTEN MINE DRILL HOLE 302

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 36N 40E 36 SW
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, GOLCONDA 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00
 TEMPERATURE (C)..... 61.7
 WELL DEPTH (M)..... 79.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SEGERSTROM, D. I., 1972, WRITTEN COMMUNICATION: NEVADA BUREAU OF MINES AND GEOLOGY - HUMBOLDT 100A

RECORD 00458

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000941

NAME OF SAMPLE SOURCE... GOLCONDA W - MN HOT SPRING DEPOSIT

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 36N 0 0E 33
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... GOLCONDA 1:24000, WINNEMUCCA 1:250000
 OTHER LOCALITY INFORMATION: MILES EAST OF GOLCONDA AND ACTIVE, HOT SPRINGS

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/09/09 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1960/11/30 WHITEH AD, H. C.
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 2580.
 ALKALINITY..... 350. AS CAC03

TOTAL DISSOLVED SOLIDS... 1770.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N		LI...	1.5		
AL....		CR.....		MG...	47.		
AU....		CU.....		MO...		SI02.	17.
B.....	4.6	F.....	4.4	NA...	500.		
BA....		FE+3....		NA+K.		S04..	623.
CA....	62.	HCO3....	768.	NO3..	N		
CL....	122.						
CO....		K.....	14.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00459

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000643

NAME OF SAMPLE SOURCE... HOT POT (BLOSSOM HOT SPRING)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	35N 43E	11 SW	LAT/LONG...	40-55.33 N 117-06.51 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	HUMBOLDT			NORTHING...	4529911.
GEOLOGIC PROVINCE..				EASTING....	490864.
MAP REFERENCE.....	WINNEMUCCA 1:250000,	HOT POT	1:24000		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 TEMPERATURE (C)..... 58.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 PERTINENT LITHOLOGY..... ROCK TYPES: ALLUVIUM, BASALT(?), QUARTZITE.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1400.
 ALKALINITY..... 823. AS HCO3

ISOTOPES (0/00)

AG....		CO3.....		LI...	0.72		
AL....		CR.....		MG...	5.		
AU....		CU.....		MO...		SI02.	80.
B.....		F.....		NA...	288.		
BA....		FE+3....		NA+K.		S04..	60.
CA....	29.						
CL....	28.						
CO....		K.....	33.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA.

RECORD 00460

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074431

NAME OF SAMPLE SOURCE... HOT POT-BLOSSOM HOT SPRINGS

WARNING NUMBER..... 19A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 35N 43E 11 NW OF SW
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, HOT POT 1:24000

LAT/LONG... 40-55.0 N 117-06.2 W
UTM ZONE... +11
NORTHING... 4529300.
EASTING.... 491298.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.7
DISCHARGE..... 265. L/MIN
OTHER SAMPLE INFORMATION.. SPRING RISES IN BROAD DEEP POOL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE US AND OTHER COUNTRIES; USGS PROF. PAPER 492 (NO. 19A)

RECORD 00461

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074433

NAME OF SAMPLE SOURCE... HOT POT-BLOSSOM HOT SPRINGS

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 35N 43E 11
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, HOT POT 1:24000

COORDINATES
LAT/LONG... 40-55.1 N 117-06.0 W
UTM ZONE... +11
NORTHING... 4529484.
EASTING.... 491579.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 35.0
DISCHARGE..... 1514. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BRADBERRY, C.E., AND ASSOC. (1964) MINERAL INVENTORY OF LANDS BORDERING THE WESTERN PAC. RR CO: WESTERN PACIFIC RR CO, LOS ALTOS CALIF.

RECORD 00462

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000595

NAME OF SAMPLE SOURCE... HOT SPRINGS RANCH - UNNAMED HOT SPRING

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 33N 40E 05 SE
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, EDNA MOUNTAIN 1:62500

COORDINATES
LAT/LONG... 40-45.69 N 117-29.5 W
UTM ZONE... +11
NORTHING... 4512187.
EASTING.... 458444.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
TEMPERATURE (C)..... 85.0
DISCHARGE..... 100. L/MIN
WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
DEPOSITS OR ALTERATION... CaCO3 APRON DEPOSITED; ALSO TRACES OF SILICA
PERTINENT LITHOLOGY..... PHYLLITE IS ROCK TYPE.
OTHER SAMPLE INFORMATION.. MIXED WATER?

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
PH..... 8.4

SPECIFIC CONDUCTANCE..... 1060.
 ALKALINITY..... 385. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....		LI...	1.2	SB...	
AL.....		CR.....		MG...	0.9	SC...	
AS.....	0.06	CS.....	0.3	MN...	0.08		
AU.....		CU.....	0.07	MO...		SI02.	125.
B.....	2.6	F.....		NA...	200.		
BA.....		FE+3.....		NA+K.		S04..	140.
BE.....		FE(TOT)..	0.18	NB...		SR...	0.4
BI.....		GA.....		NH4..	0.51		
BR.....	0.1						
CA.....	16.						
CD.....		H2S.....		P04..	0.12		
CL.....	41.	I.....	0.01	RB...	0.18		
CO.....		K.....	18.				

ISOTOPES (0/00)

DEL D OF WATER..... -131.4
 DEL O(18) OF WATER... -15.74

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00463

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074435

NAME OF SAMPLE SOURCE... HOT SPRINGS-TIPTON RANCH

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	33N 40E	05 SE OF SE	LAT/LONG...	40-45.5	N 117-29.6	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4511836.		
GEOLOGIC PROVINCE..				EASTING....	458358.		

MAP REFERENCE..... WINNEMUCCA 1:250000, SMELSER PASS 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/00/00
 TEMPERATURE (C)..... 46.1
 DISCHARGE..... 57. L/MIN
 OTHER SAMPLE INFORMATION.. ALONG FAULT ZONE, 120 GPM DISCHARGE FROM SEVERAL SPRINGS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... OESTERLING, W.A. (1959) AREAL ECONOMIC GEOLOGY OF T33N, R39 AND R40E, MDM: LAND DEPT. SOUTHERN PACIFIC CO, SAN FRAN, CALIF. UNPUBLISHED MAPS

RECORD 00464

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074141

NAME OF SAMPLE SOURCE... HOWARD HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	44N 31E	05 NE	LAT/LONG...	41-43.2	N 118-31.5	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4619599.		
GEOLOGIC PROVINCE..				EASTING....	373146.		

MAP REFERENCE..... VYA 1:250000, DUFFER PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/07
 TEMPERATURE (C)..... 72.8
 DISCHARGE..... 5. L/MIN

WATER ANALYSIS

PH..... 9.3
 SPECIFIC CONDUCTANCE..... 398.
 TOTAL DISSOLVED SOLIDS... 344.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	0.41				
AL....		CR.....		MG...	N		
AU....		CU.....		MO...		SI02.	84.
B.....	0.21	F.....	8.0	NA...	90.		
BA....		FE+3....		NA+K.		S04..	46.
CA....	3.2	HCO3....	58.	N03..	0.2		
CL....	12.						
CO....		K.....	2.3				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 192A, GROUND-WATER RESOURCES OF DESERT VAL., HUMBOLDT AND PERSHING CO.
 NEVADA: NEV. DEPT. CONSV/NAT RES.; GROUND-WATER RES. RECONN. SR 7

RECORD 00465

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074161

NAME OF SAMPLE SOURCE... HOWARD HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	44N 31E	04 NE OF NE	LAT/LONG...	41-43.2	N 118-30.2	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	HUMBOLDT			NORTHING...	4619568.		
GEOLOGIC PROVINCE..				EASTING....	374948.		
MAP REFERENCE.....	VYA 1:250000, DUFFER PEAK 1:62500						
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SE/4, NE/4, NE/4						

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/07
 TEMPERATURE (C)..... 57.8
 DISCHARGE..... 50. L/MIN

WATER ANALYSIS

PH..... 9.3
 SPECIFIC CONDUCTANCE..... 401.
 TOTAL DISSOLVED SOLIDS... 324.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	39.				
AL....		CR.....		MG...	0.5		
AU....		CU.....		MO...		SI02.	84.
B.....	0.26	F.....	7.9	NA...	91.		
BA....		FE+3....		NA+K.		S04..	64.
CA....	2.4	HCO3....	52.	N03..	0.1		
CL....	14.						
CO....		K.....	2.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 192A, GROUND-WATER RESOURCES OF DESERT VAL. HUMBOLDT AND PERSHING CO NEV;
 NEV DEPT CONSV/NAT RES; GR-WT RES, RECONN SR 7

RECORD 00466

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000615

NAME OF SAMPLE SOURCE... HOWARD HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 44N 31E 04 NE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... VYA 1:250000, DUFFER PEAK 1:62500

COORDINATES
 LAT/LONG... 41-43.27 N 118-30.26 W
 UTM ZONE... +11
 NORTHING... 4619699.
 EASTING.... 374867.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.

TEMPERATURE (C)..... 56.0

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 9.2

SPECIFIC CONDUCTANCE..... 400.

ALKALINITY..... 127. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	SB...		
AL.....	CR.....	MG... L 0.1	SC...		
AS.....	CS.....	MN... L 0.1			
AU.....	CU.....	MO...	SI02.	85.	
B.....	F.....	NA... 88.			
BA.....	FE+3.....	NA+K.	S04..	62.	
CA..... 3.					
CL..... 10.					
CO.....	K..... 1.7				

ISOTOPES (0/00)

DEL D OF WATER.....	-127.1
DEL O(18) OF WATER...	-16.17

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00467

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000927

NAME OF SAMPLE SOURCE... HUMBOLDT CO. HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 47N 37E 33 SE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT

COORDINATES

MAP REFERENCE..... JORDAN MEADOW 1:62500, MCDERMITT 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/17 WHITE, DON E.

DISCHARGE..... 265. L/MIN

OTHER SAMPLE INFORMATION.. HG IN BASIN RANGE FAULT IS TERTIARY VOLCANIC ROCKS. CODERO MINE, WATER PUMPED FROM MINE.
 SOME SAMPLES TURBIDIMETRIC.

WATER ANALYSIS

DATE/ANALYST..... 1958/05/28 WHITEHEAD, H. C.

PH..... 7.7

SPECIFIC CONDUCTANCE..... 923.

ALKALINITY..... 279. AS CAC03
ANALYSIS IN PPM
 AG..... C03..... N LI... N
 AL..... CR..... MG... 9.0
 AU..... CU..... MO... SI02. 21.
 B..... 48. F..... NA... 89.
 BA..... FE+3..... NA+K. S04.. 240.
 CA..... 97. HCO3..... 100.
 CL..... 31.
 CO..... K..... 6.7

ISOTOPES (0700)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00468

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074126

NAME OF SAMPLE SOURCE... MACFARLANE'S BATH HOUSE SPRING

LOCATION
TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 37N 29E 27 NW
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-03.0 N 118-43.0 W
 UTM ZONE... +11
 NORTHING... 4545515.
 EASTING... 355728.

MAP REFERENCE..... VYA 1:250000, KING LEAR PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 76.5
 DISCHARGE..... 5. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 1963A, GROUND-WATER APPRAISAL OF THE BLACK ROCK DESERT AREA, NW NEVADA;
 NEV. DEPT. CONSV./NAT. RESRS.; GROUND-WATER RESRS; RECONN. SER. REP. 20

RECORD 00469

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074246

NAME OF SAMPLE SOURCE... MCGEE MOUNTAIN

LOCATION
TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 45N 27E
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-48.6 N 118-54.5 W
 UTM ZONE... +11
 NORTHING... 4630228.
 EASTING... 341479.

MAP REFERENCE..... VYA 1:250000, RAILROAD POINT 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 55.0
 WELL DEPTH (M)..... 61.

OTHER SAMPLE INFORMATION.. STEAM AND WARM WATER EMISSIONS REPORTED ALONG FAULT AT EAST EDGE OF MCGEE MTN. CORE HOLE INTO FAULT HAD TEMP OF 55 C AT 61 METERS. CINNABAR REPORTED FROM ALONG FAULT AT THE PAINTED HILLS MINE. DIGITIZED LOCATION ACCURATE TO WITHIN 1.0 MILES OF COORDINATES.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WENDELL, W. G., 1970, THE STRUCTURE AND STRATIGRAPHY OF THE VIRGIN VALLEY-MCGEE MTN AREA, HUMBOLDT CO. NEV; MS THESIS, OREGON STATE UNIV.

RECORD 00470

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074746

NAME OF SAMPLE SOURCE... NINEMILE SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 44N 03E 10 SW OF NE SW LAT/LONG... 41-42.2 N 118-15.4 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... HUMBOLDT NORTHING... 4617388.
 GEOLOGIC PROVINCE.. EASTING.... 395440.

MAP REFERENCE..... VYA 1:250000, QUINN RIVER CROSSING 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/06/22

TEMPERATURE (C)..... Q 26.

DISCHARGE..... 450.

PERTINENT LITHOLOGY..... ISSUE FROM UNCONSOLIDATED GRAVEL IMMEDIATELY DOWN GRADIENT FROM THE ALLUVIUM BEDROCK CONTACT.

WATER ANALYSIS

PH..... 8.0

SPECIFIC CONDUCTANCE..... 303.

TOTAL DISSOLVED SOLIDS... 219.

ANALYSIS IN PPMISOTOPES (0/00)

AL....	CR.....	MG...	5.8		
AU....	CU.....	MO...		SI02.	54.
B..... 0.07	F..... 0.1	NA+K.	33.	S04..	20.
BA....	FE+3....				
BE....	FE(TOT).. 0.14				
CA.... 25.	HCO3.... 117.	NO3..	0.2		
CL.... 20.					

OTHER ANALYTICAL DATA... SAR = 1.2

QUALIFICATION FIELD..... TEMPERATURE IS ABOUT 15 DEG F ABOVE THAT FROM WELLS IN THE VALLEY.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... ZONES, C. P., 1963

RECORD 00471

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074045

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 37N 39E 03 SE LAT/LONG... 41-06.5 N 117-34.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... HUMBOLDT NORTHING... 4550727.
 GEOLOGIC PROVINCE.. EASTING.... 452279.

MAP REFERENCE..... MCDERMITT 1:250000, BLISS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/10/25

TEMPERATURE (C)..... 70.0

WELL DEPTH (M)..... 19.

DISCHARGE..... 2. L/MIN

OTHER SAMPLE INFORMATION.. WELL DRILLED AT SITE OF SMALL SPRING THAT CEASED TO FLOW AFTER WELL WAS DRILLED.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1250.

ISOTOPES (0/00)

ANALYSIS IN PPM

AL.....	CR.....	MG...	10.		
B.....	F.....	NA...	467.		
BA.....	FE+3....	NA+K.		S04..	73.
CA..... 29.	HCO3....		1240.		
CL..... 22.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O. J., PHOENIX, D. A., AND ROBINSON, T. W. (1949) GROUND WATER IN PARADISE VALLEY,
 HUMBOLDT CO., NEV.; OFF. OF STATE ENG (NEV) WATER RESOURCES BULL. 10

RECORD 00472

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074143

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	42N 30E	12 SW OF NE	LAT/LONG...	41-31.5 N 118-34.2 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	HUMBOLDT			NORTHING...	4598017.
GEOLOGIC PROVINCE..				EASTING....	369008.
MAP REFERENCE.....	VYA 1:250000, DUFFER PEAK 1:62500				
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/08
 TEMPERATURE (C)..... 40.0
 DISCHARGE..... 2. L/MIN
 OTHER SAMPLE INFORMATION.. FLOWING INTO STOCK TANK. DISCHARGE = 1-2 GAL/MIN.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 883.
 TOTAL DISSOLVED SOLIDS... 660.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	7.			
AL.....	CR.....		MG...	1.5	
AU.....	CU.....		MO...		SI02. 125.
B..... 2.9	F.....	14.	NA...	210.	
BA.....	FE+3....		NA+K.		S04.. 67.
BE.....	FE(TOT).	3.2			
CA.....	HCO3....	358.	N03..	1.2	
CL..... 54.					
CO.....	K.....	6.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCALIR, W. C., 1962A, GROUND-WATER RESOURCES OF DESERT VAL., HUMBOLDT AND PERSHING CO.
 NEVADA: NEV. DEPT. CONSV/NAT RES; GROUND-WATER RES. RECONN. SR 7

RECORD 00473

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074379

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	37N 39E	03 SW OF SE	LAT/LONG...	41-06.4 N 117-34.2 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	HUMBOLDT			NORTHING...	4550543.

GEOLOGIC PROVINCE..

EASTING.... 452138.

MAP REFERENCE..... MCDERMITT 1:250000, BLISS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/04/28

TEMPERATURE (C)..... 68.3

WELL DEPTH (M)..... 19.

DISCHARGE..... 7.6 L/MIN

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE..... 1900.

ANALYSIS IN PPMISOTOPES (0/00)

AL..... CR..... MG... 11.

B..... 1.4

BA..... FE+3..... NA+K. S04.. 71.

CA..... 26. HCO3..... 1230.

CL..... 16.

OTHER ANALYTICAL DATA... SAR = 19, RSC = 17.98

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... HARRILL, JR. AND MOORE, D. O., 1970, EFFECTS OF GROUND WATER REGIMEN OF PARADISE VALLEY,

HUMBOLDT CO., 1948-68: NEV DEPT CON NAT RES WAT RES BL 39

RECORD 00474

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074385

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 37N 39E 03 SW OF SW

LAT/LONG... 41-06.5 N 117-34.8 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... HUMBOLDT

NORTHING... 4550733.

GEOLOGIC PROVINCE..

EASTING.... 451300.

MAP REFERENCE..... MCDERMITT 1:250000, BLISS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/08/10

TEMPERATURE (C)..... 70.0

DISCHARGE..... 7.6 L/MIN

WATER ANALYSIS

PH..... 7.4

SPECIFIC CONDUCTANCE..... 1900.

TOTAL DISSOLVED SOLIDS... 1190.

ANALYSIS IN PPMISOTOPES (0/00)

AG..... CO3..... N

AL..... CR..... MG... 7.1

B..... F..... NA... 450.

BA..... FE+3..... NA+K. S04.. 52.

CA..... 30. HCO3..... 1240.

CL..... 14.

CO..... K..... 26.

OTHER ANALYTICAL DATA... SAR = 1.92

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... COHEN, P., 1962C, PRELIMINARY RESULTS OF HYDROGEOCHEMICAL STUDIES IN HUMBOLDT RIV VALL. NEV.

RECORD 00475

GEOTHERM FILE ID: 0074694

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN
 WARING NUMBER..... 19D

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 36N 041E 02 SW OF NE NE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT

COORDINATES

LAT/LONG... 41-01.8 N 117-19.29 W
 UTM ZONE... +11
 NORTHING... 4541925.
 EASTING... 472973.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... MCDERMITT 1:250000, OSGOOD MTNS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/07/08
 TEMPERATURE (C)..... 21.1
 DISCHARGE..... 25.
 OTHER SAMPLE INFORMATION.. 2 THERMAL SPRINGS.

WATER ANALYSIS

PH..... 9.2
 SPECIFIC CONDUCTANCE..... 2340.
 TOTAL DISSOLVED SOLIDS... 1500.

ANALYSIS IN PPM

AG.....	CO3.....	143.			
AL.....	CR.....		MG... N		
AU.....	CU.....		MO... N	SI02..	34.
B..... 4.6	F.....	16.	NA... 620.	S04..	98.
BA.....	FE+3.....		NA+K..		
BE.....	FE(TOT).. N				
CA..... 2.	HCO3.....	1080.	NO3.. N		
CL..... 46.					
CO.....	K.....	3.5			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 117.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, 1962, AND WARING, G. A., 1965

RECORD 00476

GEOTHERM FILE ID: 0074704

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 37N 024D 26 SW
 STATE..... NEVADA
 COUNTY..... HUMBOLDT

COORDINATES

LAT/LONG... 41-04.0 N 119-06.0 W
 UTM ZONE... +11
 NORTHING... 4548070.
 EASTING... 323555.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... VYA 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.6
 WELL DEPTH (M)..... 61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... SINCLAIR, W. C., 1962A

RECORD 00477

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074705

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 37N 025E 26 NE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

LAT/LONG... 41-04.8 N 119-05.6 W
 UTM ZONE... +11
 NORTHING... 4549537.
 EASTING.... 324150.

MAP REFERENCE..... VYA 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 1963A

RECORD 00478

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074709

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 36N 037E 13 SE OF NE NW
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

LAT/LONG... 40-59.6 N 117-46.0 W
 UTM ZONE... +11
 NORTHING... 4538088.
 EASTING.... 435514.

MAP REFERENCE..... WINNEMUCCA 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/07/20

TEMPERATURE (C)..... 33.9

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 1540.
 TOTAL DISSOLVED SOLIDS... 1040.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	58.	
AU....		CU.....	MO....		SI02. 25.
B.....	0.4	F..... 0.3	NA....	74.	
BA....		FE+3....	NA+K.		S04.. 390.
BE....		FE(TOT). N			
CA....	179.	HCO3..... 211.	NO3..	20.	
CL....	191.				
CO....		K..... 2.0			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 1.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, 1962

RECORD 00479

GEOTHERM FILE ID: 0074747

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 42N 031E 11 NW
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-31.55 N 118-28.6 W
 UTM ZONE... +11
 NORTHING... 4597972.
 EASTING.... 376797.

MAP REFERENCE..... VYA 1:250000, QUINN RIVER CROSSING 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/08
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 107.
 DISCHARGE..... 170.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 259.
 TOTAL DISSOLVED SOLIDS... 244.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	2.4		
AU....		CU.....	MO....		SI02.	65.
B.....	0.11	F..... 0.6	NA....	34.		
BA....		FE+3....	NA+K.		S04..	25.
CA....	18.	HCO3.... 104.	NO3..	0.8		
CL....	15.					
CO....		K..... 4.8				

OTHER ANALYTICAL DATA... SAR = 2.0, RSC = 0.63

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 1962A

RECORD 00480

GEOTHERM FILE ID: 0074748

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

WARNING NUMBER..... 10A

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 42N 032E 19 SE
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 41-29.8 N 118-25.8 W
 UTM ZONE... +11
 NORTHING... 4594668.
 EASTING.... 380637.

MAP REFERENCE..... VYA 1:250000, BOTTLE CREEK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/07
 TEMPERATURE (C)..... 21.1
 DISCHARGE..... 5.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 1900.
 TOTAL DISSOLVED SOLIDS... 1290.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3.....	N				
AL.....		CR.....		MG...	6.3		
AU.....		CU.....		MO...		SI02.	51.
B.....	1.3	F.....	9.8	NA...	455.		
BA.....		FE+3....		NA+K.		S04..	204.
CA.....	30.	HC03....	948.	N03..	0.4		
CL.....	69.						
CO.....		K.....	9.9				

OTHER ANALYTICAL DATA... SAR = 20, RSC = 13.54

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 19 2A AND WARING, G. A., 1965

RECORD 00481

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074750

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	41N 03E	20 NE	LAT/LONG...	41-25.2	N	118-03.8	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	HUMBOLDT			NORTHING...	4585716.			
GEOLOGIC PROVINCE..				EASTING....	411139.			
MAP REFERENCE.....	VYA 1:250000							

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/10/26
 TEMPERATURE (C)..... Q 27.
 WELL DEPTH (M)..... 34.

WATER ANALYSIS

PH..... 9.0
 SPECIFIC CONDUCTANCE..... 941.
 TOTAL DISSOLVED SOLIDS... 541.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	36.				
AL.....		CR.....		MG...	0.8		
AU.....		CU.....		MO...		SI02.	4.8
B.....		F.....	1.4	NA...	197.		
BA.....		FE+3....		NA+K.		S04..	70.
CA.....	2.2	HC03....	211.	N03..	0.2		
CL.....	106.						
CO.....		K.....	18.				

OTHER ANALYTICAL DATA... SAR = 28, RSC = 4.55

QUALIFICATION FIELD..... WATER FROM OTHER WELLS IN DESERT VALLEY AVERAGED ABOUT 60 DEG F, SPRINGS AVERAGED 58 DEG F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SINCLAIR, W. C., 19 2B

RECORD 00482

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074743

NAME OF SAMPLE SOURCE... NOQUE'S NEVADA WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	47N 03E	17 NE OF NE SE	LAT/LONG...	41-57.1	N	117-42.97	W
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STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... MCDERMITT 1:250000, CAR OL SUMMIT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES. NEAR CORDERO MINE.

UTM_ZONE... +11
NORTHING... 4644444.
EASTING... 440642.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/06/16
TEMPERATURE (C)..... 33.3
WELL DEPTH (M)..... 214.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 323.
TOTAL DISSOLVED SOLIDS... 322.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL..... CR..... MG... 0.2
AU..... CU..... MO...
B..... 0.37 F..... 2.6 NA... 58. SI02. 110.
BA..... FE+3..... NA+K. S04.. 26.
BE..... FE(TOT). N
CA..... 5.8 HCO3.... 119. NO3.. 2.4
CL..... 14.
CO..... K..... 12.

OTHER ANALYTICAL DATA... SAR = 6.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... A

RECORD 00483

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074695

NAME OF SAMPLE SOURCE... NORTHERN EAST RANGE AREA, WELL NO. 5

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 35N 036E 21 NW
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, ROSE CREEK 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... COHEN, PHILIP, 1962

RECORD 00484

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074696

NAME OF SAMPLE SOURCE... NORTHERN EAST RANGE AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 35N 036E 27 NW OF NW NW
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, ROSE CREEK 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/07/19
 TEMPERATURE (C)..... 27.8
 WELL DEPTH (M)..... 30.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 3030.
 TOTAL DISSOLVED SOLIDS... 1880.

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....		CR.....		MG...	48.		
AU.....		CU.....		MO...		SI02.	52.
B.....	7.8	F.....	4.8	NA...	512.	S04..	59.
BA.....		FE+3.....		NA+K.			
BE.....		FE(TOT)...	0.05				
CA.....	117.	HCO3.....	1610.	NO3..	1.0		
CL.....	225.						
CO.....		K.....	60.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 10.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, 1962

RECORD 00485

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074697

NAME OF SAMPLE SOURCE... NORTHERN EAST RANGE AREA

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 35N 036E 28 SW OF SW SE
 STATE..... NEVADA
 COUNTY..... HUMBOLDT

COORDINATES

LAT/LONG... 40-52.5 N 117-56.1 W
 UTM ZONE... +11
 NORTHING... 4525090.
 EASTING... 421214.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, ROSE CREEK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/07/18
 TEMPERATURE (C)..... 28.3

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 2640.
 TOTAL DISSOLVED SOLIDS... 1740.

ANALYSIS IN PPM

AG.....		CO3.....	10.				
AL.....		CR.....		MG...	12.		
AU.....		CU.....		MO...		SI02.	73.
B.....	9.2	F.....	6.	NA...	550.	S04..	100.
BA.....		FE+3.....		NA+K.			
BE.....		FE(TOT)...	0.08				
CA.....	61.	HCO3.....	1270.	NO3..	3.5		
CL.....	237.						
CO.....		K.....	51.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 16.8, RSC = 17.15

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... COHEN, PHILIP, 1964

RECORD 00486

GEO THERM FILE ID: 0074698

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NORTHERN EAST RANGE AREA
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 35N 036E 28 NE OF NW NE
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, ROSE CREEK 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES

LAT/LONG... 40-53.1 N 117-56.3 W
UTM ZONE... +11
NORTHING... 4526203.
EASTING... 420945.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/07/18
TEMPERATURE (C)..... 27.8

WATER ANALYSIS

PH..... 8.3
SPECIFIC CONDUCTANCE..... 4080.
TOTAL DISSOLVED SOLIDS... 2650.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	41.			
AL.....	CR.....		MG...	40.	
AU.....	CU.....		MO...		SI02. 50.
B..... 15.	F.....	12.	NA...	920.	
BA.....	FE+3.....		NA+K.		S04.. 121.
BE.....	FE(TOT)..	0.01			
CA..... 17.	HCO3.....	1940.	N03..	0.8	
CL..... 381.					
CO.....	K.....	94.			

OTHER ANALYTICAL DATA... SAR = 27.8, RSC = 29.03

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... COHEN, PHILIP, 1964

RECORD 00487

GEO THERM FILE ID: 0000929

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... OLD BOG RANCH, HOT SPRING
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 46N 28E 17
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
OTHER LOCALITY INFORMATION: NE OF 3 SPRINGS.

COORDINATES

LAT/LONG... 41.54.8 N 118-47.3 W
UTM ZONE... +11
NORTHING... 4641487.
EASTING... 351687.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/09/03 HEWETT, D. F.
TEMPERATURE (C)..... 90.0
PERTINENT LITHOLOGY..... WATER FROM PLAYA SEDIMENTS.
OTHER SAMPLE INFORMATION.. APPEARANCE - CLEAR. YIELD 2-3.

WATER ANALYSIS

DATE/ANALYST..... 1953/09/29 MARTIN, R. N.
PH..... 8.2
SPECIFIC CONDUCTANCE..... 925.
ALKALINITY..... 26. AS CAC03

TOTAL DISSOLVED SOLIDS... 712.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N		LI....	N		
AL....		CR.....		MG....	0.3		
AU....		CU.....		MO....		SI02.	109.
B.....	3.5	F.....	7.0	NA....	186.		
BA....		FE+3....		NA+K.		S04..	236.
CA....	10.	HCO3....	152.	N03..	0.2		
CL....	47.						
CO....		K.....	8.2				

OTHER ANALYTICAL DATA... B = 1.60% OF EQ.
 QUALIFICATION FIELD..... BUBBLES SLIGHTLY WITH H2S.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00488

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000940

NAME OF SAMPLE SOURCE... ROSE CREEK TRAVERTINE TERRACE

LOCATION

COORDINATES

COUNTRY..... UNITED STATES TOWNSHIP=RANGE 35N 36E 28
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ROSE CREEK 1:24000, WINNEMUCCA 1:250000

LAT/LONG... 40-52.4 N 117-56.2 W
 UTM ZONE... +11
 NORTHING... 4524907.
 EASTING... 421072.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/09/20 FETH, J. H.
 DISCHARGE..... 3.8 L/MIN
 DEPOSITS OR ALTERATION... SLIGHT DEPOSIT OF WHITE CRYSTALS AT END OF PIPE, NOT IDENTIFIED. SPRING NOT DEPOSITING
 CAC03

WATER ANALYSIS

DATE/ANALYST..... 1961/02/06 WHITEHEAD, H. C.
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 2700.
 ALKALINITY..... 248. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1740.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N		LI....	1.8		
AL....	0.02	CR.....		MG....	11.		
AS....		CS.....		MN....	0.17		
AU....		CU.....		MO....		SI02.	79.
B.....	8.6	F.....	7.4	NA....	522.		
BA....		FE+3....		NA+K.		S04..	92.
BE....		FE(TOT).	1.1	NB....		SR...	0.89
CA....	81.	HCO3....	1300.	N03..	3.1		
CD....		H2S.....		P04..	0.05		
CL....	235.						
CO....		K.....	53.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00489

GEOTHERM FILE ID: 0074142

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SOLDIER MEADOWS HOT SPRINGS
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 40N 24E 23
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... VYA 1:250000, MUD MEADOW 1:24000

COORDINATES
LAT/LONG... 41-21.7 N 119-13.1 W
UTM ZONE... +11
NORTHING... 4581069.
EASTING.... 314447.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.8
OTHER SAMPLE INFORMATION.. NUMEROUS HOT SPRINGS IN ALL PARTS OF SECTION 23.

WATER ANALYSIS

PH..... 7.6
SPECIFIC CONDUCTANCE..... 360.
TOTAL DISSOLVED SOLIDS... 272.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	1.4	
AU....		CU.....	MO...		SI02. 65.
B.....	1.0	F..... 10.	NA...	76.	
BA....		FE+3....	NA+K.		S04.. 39.
CA....	2.6	HC03.... 96.			
CL....	21.				
CO....		K..... 1.3			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... GROSE, L. T. AND KELLER, G. V. 1975B, COLORADO SCH. MINES NEVADA GEOTHERMAL STUDY PROG.
REP. 4 (2/1/75 - 10/31/75) COL. SCH. MNS. REP. NAT. SCI. FD. GI43866

RECORD 00490

GEOTHERM FILE ID: 0074145

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SOLDIER MEADOWS HOT SPRING
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 40N 24E 23
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... VYA 1:250000, MUD MEADOW 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

COORDINATES
LAT/LONG... 41-21.7 N 119-13.1 W
UTM ZONE... +11
NORTHING... 4581069.
EASTING.... 314447.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 53.9
DISCHARGE..... 18. L/MIN

WATER ANALYSIS

PH..... 8.6
SPECIFIC CONDUCTANCE..... 360.
TOTAL DISSOLVED SOLIDS... 275.

ISOTOPES (0/00)

ANALYSIS

AG....		CO3..... 3.			
AL....		CR.....	MG...	1.1	
AU....		CU.....	MO...		SI02. 63.

B..... 0.6 F..... 12. NA... 749.
 BA..... FE+3..... NA+K. S04.. 35.
 CA..... 3.5 HCO3..... 90.
 CL..... 18.
 CO..... K..... 1.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B, COL. SCH. MNS. NEVADA GEOTHERMAL STUDY PRG. REP. 4
 (2/1/75 - 10/31/75) COL. SCH. MNS. REP.; NATNL SCI. FND. GT GI43866

RECORD 00491

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000619

NAME OF SAMPLE SOURCE... SOLDIERS MEADOW AREA - UNNAMED HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 40N 24E 23
 STATE..... NEVADA
 COUNTY..... HUMBOLDT
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... VYA 1:250000

LAT/LONG... 41-21.6 N 119-13.4 W
 UTM ZONE... +11
 NORTHING... 4580665.
 EASTING.... 314284.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 54.0
 DISCHARGE..... 50. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... NO SPRING DEPOSITS DETECTED
 PERTINENT LITHOLOGY..... ROCK TYPES: ALLUVIUM, FLOWS, TUFFS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 363.
 ALKALINITY..... 98. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI... 0.17	SB...
AL..... 0.011	CR.....	MG... L 0.1	SC...
AS..... 0.06	CS..... L 0.1	MN... L 0.02	
AU.....	CU..... L 0.01	MO...	SI02. 63.
B..... 0.64	F..... 12.	NA... 74.	
BA.....	FE+3.....	NA+K.	S04.. 41.
BE.....	FE(TOT). L 0.02	NB...	SR... L 0.05
BI.....	GA.....	NH4.. 0.13	
BR..... 0.06			
CA..... 3.1			
CA+MG.	HG..... L 0.0001		
CD.....	H2S.....	P04.. 0.12	
CL..... 18.	I..... 0.01	RB... L 0.02	
CO.....	K..... 1.1		

ISOTOPES (0/00)

DEL D OF WATER..... -129.9
 DEL O(18) OF WATER... -16.56

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

CH4.. L 1.
 C2H6. N2... 93.
 CO2.. L 1.

ISOTOPES (00/0)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00492

GEO THERM FILE ID: 0074735

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SPRING NEAR GRIDLEY LAKE

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 44N 02E 12 NE OF SW SW
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... VYA 1:250000, RAILROAD POINT 1:62500

LAT/LONG... 41-45.4 N 118-50.5 W
UTM ZONE... +11
NORTHING... 4624186.
EASTING... 346891.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/09

TEMPERATURE (C)..... 40.

OTHER SAMPLE INFORMATION.. SMALL DISCHARGE OF WATER-BUBBLES UP FROM SANDY-BOTTOMED POOL. MANY SMALL CHUNKS OF
OPALINE SILICA FOUND IN AREA.

WATER ANALYSIS

PH..... 7.7
SPECIFIC CONDUCTANCE..... 175.

ISOTOPES (0/00)

ANALYSIS IN PPM

AL..... CR..... MG... 0.1
AU..... CU..... MO... SI02. 67.
B..... F..... NA... 32.
BA..... FE+3..... NA+K. S04.. 13.
CA... 1.4 HCO3... Q 68.
CL... 7.
CO... K..... 6.3

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NK-11-7-17

REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00493

GEO THERM FILE ID: 0000647

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... THE HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 41N 41E 19
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..
MAP REFERENCE..... MCDERMITT 1:250000, HOT SPRINGS PEAK 1:62500

LAT/LONG... 41-25.4 N 117-22.96 W
UTM ZONE... +11
NORTHING... 4585611.
EASTING... 468023.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP

TEMPERATURE (C)..... 58.0

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED

PERTINENT LITHOLOGY..... ROCK TYPES: VOLCANIC FLOWS, SEDIMENTARY ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1340.
 ALKALINITY..... 881. AS HCO3

ANALYSIS IN MG/L

AG....	CO3.....	LI....	SB....
AL....	CR.....	MG.... 8.	SC....
AU....	CU.....	MO....	SI02.. 55.
B.....	F.....	NA.... 296.	S04.. 36.
BA....	FE+3....	NA+K.	
CA.... 10.			
CL.... 26.			
CO....	K..... 36.		

ISOTOPES (0/00)

DEL D OF WATER..... -134.6
 DEL O(18) OF WATER... -16.44

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00494

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074037

NAME OF SAMPLE SOURCE... THE HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	41N 41E	19 SW OF NE	LAT/LONG...	41-25.4 N 117-23.4 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	HUMBOLDT			NORTHING...	4585614.
GEOLOGIC PROVINCE..				EASTING....	467410.
MAP REFERENCE.....	MCDERMITT 1:250000, HOT SPRINGS PEAK 1:62500				
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/08/14
 TEMPERATURE (C)..... 57.2

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG.... 8.5	
BA....	FE+3....	NA+K. 334.	S04.. 34.
CA.... 26.	HCO3..... 920.		
CL.... 26.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARRILL, J.R. AND MOORE, D.O. (1970) EFFECTS OF GROUND-WATER REGIMEN OF PARADISE VALLEY, HUMBOLDT CO. 1948-68, NEV. DEPT. CON. NAT. RES. WATER RES. B. 39

RECORD 00495

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074044

NAME OF SAMPLE SOURCE... THE HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	41N 41E	19 NE OF NE	LAT/LONG...	41-25.5 N 117-23.2 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	HUMBOLDT			NORTHING...	4585797.
GEOLOGIC PROVINCE..				EASTING....	467690.
MAP REFERENCE.....	MCDERMITT 1:250000, HOT SPRINGS PEAK 1:62500				

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/08/14
 TEMPERATURE (C)..... 57.2
 DISCHARGE..... 60. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 930.

ANALYSIS IN PPM

AL.....	CR.....	MG...	8.5		
B..... 2.5	F.....	NA...	334.		
BA.....	FE+3....	NA+K.		S04..	34.
CA..... 26.	HCO3....				
CL..... 26.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O.J., PHOENIX, D.A., AND ROBINSON, T.W. (1949) GROUND WATER IN PARADISE VALLEY, HUMBOLDT CO. NEV: OFF. OF STATE ENG. WATER RESOURCES BULL. 10

RECORD 00496

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074300

NAME OF SAMPLE SOURCE... THE HOT SPRINGS
 WARING NUMBER..... 11

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	41N 41E	19 NE OF NE	LAT/LONG...	41-25.4 N 117-23.2 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	HUMBOLDT			NORTHING...	4585612.
GEOLOGIC PROVINCE..				EASTING....	467689.
MAP REFERENCE.....	MCDERMITT 1:250000, HOT SPRINGS PEAK 1:62500				

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 54.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: USGS PROF. PAPER 492 (NO.11)

RECORD 00497

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074749

NAME OF SAMPLE SOURCE... U.S.G.S. TEST WELL NO. 21

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	42N 033E	32 SE OF NE	LAT/LONG...	41-28.15 N 118-17.25 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	HUMBOLDT			NORTHING...	4591428.
GEOLOGIC PROVINCE..				EASTING....	392487.
MAP REFERENCE.....	VYA 1:250000, BOTTLE CREEK 1:62500				

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/10/05
 TEMPERATURE (C)..... 24.4
 WELL DEPTH (M)..... 27.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1820.

TOTAL DISSOLVED SOLIDS... 1180.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	5.2		
AU....		CU.....	MO...		SI02.	39.
B.....	1.7	F..... 0.9	NA...	416.		
BA....		FE+3....	NA+K.		S04..	184.
BE....		FE(TOT). 0.04				
CA....	32.	HCO3.... 885.	NO3..	0.2		
CL....	59.					
CO....		K..... 11.				

OTHER ANALYTICAL DATA... SAR = 18, RSC = 12

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MALMBERG, G. T., AND WORTS, F. G., JR., 1966

RECORD 00498

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074744

NAME OF SAMPLE SOURCE... VIRGIN VALLEY CAMPG OUND NO. 1 WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	45N 026E 02	LAT/LONG...	41-51.6 N 119-00.5 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	HUMBOLDT		NORTHING...	4635969.
GEOLOGIC PROVINCE..			EASTING....	333302.

MAP REFERENCE..... VYA 1:250000, BIG SPRING BUTTE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS CENTER OF WESTERN HALF OF SEC 2.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/00/00
 TEMPERATURE (C)..... 32.2
 OTHER SAMPLE INFORMATION.. SHOWERS IN CAMPGROUND SUPPLIED BY A HOT ARTESIAN WELL.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 115.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N	LI...	0.03		
AL....		CR.....	MG...	N		
AS....	0.007					
AU....		CU.....	MO...		SI02.	32.
B.....	0.08	F..... 1.8	NA...	29.		
BA....		FE+3....	NA+K.		S04..	12.
CA....	3.7	HCO3.... 64.				
CA+MG.		HG..... N				
CL....	4.7					
CO....		K..... 0.4				

OTHER ANALYTICAL DATA... SAR = 4.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CATHRALL, J. B., AND OTHERS, 1977

RECORD 00499

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074178

NAME OF SAMPLE SOURCE... WEST PINTO HOT SPRING

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..

TOWNSHIP=RANGE

40N 28E 19

COORDINATES

LAT/LONG... 41-21.4 N 118-48.4 W
UTM ZONE... +11
NORTHING... 4579714.
EASTING... 348871.

MAP REFERENCE..... VYA 1:250000, PINTO MTN. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 93.5

WATER ANALYSIS

PH..... 7.7
SPECIFIC CONDUCTANCE..... 1500.

ANALYSIS IN PPM

AG.....	CO3.....	2.	LI...	0.05		
AL.....	CR.....		MG...	0.1		
AU.....	CU.....		MO...		SI02.	162.
B.....	F.....	15.	NA...	325.		
BA.....	FE+3.....		NA+K.		S04..	130.
CA.....	HCO3.....	440.				
CL.....		160.				
CO.....	K.....	26.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B, COL SCH MNS NEVADA GEOTHERMAL STUDY PRG REP 4
(2/1/75 - 01/31/75) COL SCH MNS REP; NAT SCI FND GRANT GI43866

RECORD 00500

GEOTHERM FILE ID: 0000805

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WEST PINTO HOT SPRING

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... HUMBOLDT
GEOLOGIC PROVINCE..

TOWNSHIP=RANGE

COORDINATES

LAT/LONG... 41-20. N 118-47. W
UTM ZONE... +11
NORTHING... 4577083.
EASTING... 350770.

MAP REFERENCE..... VYA 1:250000

OTHER LOCALITY INFORMATION: UNSURVEYED

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP

TEMPERATURE (C)..... 92.

DISCHARGE..... 100. L/MIN

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED

DEPOSITS OR ALTERATION... CAC03 AND SILICA APRON DEPOSITED.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 7.7

SPECIFIC CONDUCTANCE..... 1520.

ALKALINITY..... 440. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....		LI...	0.45	SB...		
AL.....	CR.....	0.030	MG...	0.1	SC...		
AS.....	CS.....	0.08	MN...	L 0.02			
AU.....	CU.....		MO...		SI02.	160.	
B.....	F.....	7.5	NA...	320.			
BA.....	FE+3.....		NA+K.		S04..	130.	

ISOTOPES (0/00)

DEL D OF WATER..... -128.2
DEL O(18) OF WATER... -14.13

BE....		FE(TOT).	0.06	NB...		SR...	0.23
BI....		GA.....		NH4..	0.64		
BR....	0.1						
CA....	4.6						
CA+MG.		HG.....	0.0006				
CD....		H2S.....		P04..	0.12		
CL....	160.	I.....	0.04	RB...	0.28		
CO....		K.....	25.				

QUALIFICATION FIELD..... LOW CALCIUM AND MAGNESIUM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00501

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002134

NAME OF SAMPLE SOURCE... BATTLE MOUNTAIN
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 32N 045E 17
 STATE..... NEVADA
 COUNTY..... LANDER
 MAP REFERENCE..... BATTLE MTN. 1:62500, WINNEMUCCA 1:250000

COORDINATES

LAT/LONG... 40-38.8 N 116-55.7 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/03/29
 TEMPERATURE (C)..... 23.3
 WELL DEPTH (M)..... 221.
 DISCHARGE..... 946. L/MIN

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 425.
 ALKALINITY..... 89. AS CAC03
 TOTAL DISSOLVED SOLIDS... 318.

ISOTOPE (0/00)

ANALYSIS IN PPM

AG....		CO3.....	N				
AL....	N	CR.....		MG...	5.8		
AS....		CS.....		MN...	N		
AU....		CU.....		MO...		SI02.	85.
B....		F.....	0.4	NA...	50.	S04..	37.
BA....		FE+3....		NA+K.			
BE....		FE(TOT). N					
CA....	26.	HCO3.....	164.	NO3..	0.8	U....	0.0031
CD....		H2S.....		P04..	N		
CL....	22.						
CO....		K.....	8.0				

OTHER ANALYTICAL DATA... RA .1 UUC/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 SCOTT AND BARKER, 1962, PP 426, P. 71, 73

RECORD 00502

GEO THERM FILE ID: 0000811

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEOWAWE - SMALL GEYSER
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 31N 04E 17 NW
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DUNPHY 1:62500, WINNEMUCCA 1:250000

COORDINATES

LAT/LONG... 40-33. N 116-35. W
 UTM ZONE... +11
 NORTHING... 4488677.
 EASTING... 535281.

SAMPLE DESCRIPTION AND CONDITIONS

PERTINENT LITHOLOGY..... FAULTED LAVA.

WATER ANALYSIS

DATE/ANALYST..... CARNEG E GEOPHYS. LAB
 TOTAL DISSOLVED SOLIDS... 1208.

ANALYSIS IN PPMISOTOPES (0/00)

AG....		CO3.....	173.				
AL.... N		CR.....		MG... N			
AS.... N							
AU....		CU.....		MO... SI02.	449.		
B.... 7.2		F.....	11.	NA... 239.			
BA....		FE+3....		NA+K.	S04..	97.	
BE....		FE(TOT). T					
CA.... 2.		HCO3.....	129.				
CD....		H2S..... N					
CL.... 47.							
CO....		K.....	33.				

OTHER ANALYTICAL DATA... S203 = 1. PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... NOLAN AND ANDERSON, 1934, AM. J. SCI., 5 SER., V. 27, P. 215.

RECORD 00503

GEO THERM FILE ID: 0074027

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 23 SE
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, BUFFALO SPRING 1:62500

COORDINATES

LAT/LONG... 40-22.1 N 117-19.5 W
 UTM ZONE... +11
 NORTHING... 4468480.
 EASTING... 472407.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/08/05
 TEMPERATURE (C)..... 79.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1460.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... OLMSTEAD, F.H., GLANCY, P.A., HARRILL, J.R., RUSH, F.E., AND VAN DENBURGH, A.S. (1975)
 PRELIMINARY HYDROGEOLOGIC APPRAISAL OF SELECTED HYDROTHERMAL SYSTEMS IN NORTHERN AND CENTRAL NEVADA: USGS
 OPEN-FILE REPT. 75-56

RECORD 00504

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074054

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 23 SECOORDINATES
LAT/LONG... 40-22.1 N 117-19.5 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... LANDER

NORTHING... 4468480.

GEOLOGIC PROVINCE..

EASTING.... 472407.

MAP REFERENCE..... WINNEMUCCA 1:250000, BUFFALO SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.2

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... LI... SB... 0.064

B.... F..... NA... 264.

BA.... 0.148

CA.... HCO3..... NO3.. U.... L 0.00016

CL.... 27.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WOLLENBERG,H.A., ASARO,F., BOWMAN,H., MCEVILLY,T., MORRISON, F. AND WITHERSPOON, P. (1975)

GEOHERMAL ENERGY RESOURCE ASSESSMENT: CAL F. UNIV. LAWRENCE BERKELEY LABORATORY REPORT UCID-3762, U.S. ERDA

CONTRACT NO. W-7405-ENG-48

RECORD 00505

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074056

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 23 SECOORDINATES
LAT/LONG... 40-22.1 N 117-19.5 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... LANDER

NORTHING... 4468480.

GEOLOGIC PROVINCE..

EASTING.... 472407.

MAP REFERENCE..... WINNEMUCCA 1:250000, BUFFALO SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... LI... SB... 0.040

B.... F..... NA... 272.

BA.... 0.134

CA.... HCO3..... NO3.. U.... L 0.00018

CL.... 25.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WOLLENBERG,H.A., ASARO,F., BOWMAN,H., MCEVILLY T., MORRISON,F., AND WITHERSPOON,P. (1975)

GEOHERMAL ENERGY RESOURCE ASSESSMENT: CALIF. UNIV. LAWRENCE BERKELEY LABORATORY REPORT. UCID-3762, U.S. ERDA

CONTRACT NO. W-7405-ENG-48

RECORD 00506

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074059

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 23 SE
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-22.1 N 117-19.5 W
 UTM ZONE... +11
 NORTHING... 4468480.
 EASTING... 472407.

MAP REFERENCE..... WINNEMUCCA 1:250000, BUFFALO SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.2

WATER ANALYSIS

ANALYSIS IN PPM

AG.....	CO3.....	LI...	SB...	0.041
B.....	F.....	NA... 263.		
BA.... 0.157				
CA....	HC03....	NO3..	U.... L 0.00008	
CL.... 27.				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WOLLENBERG,H.A., ASARO,F., BOWMAN,H., MCEVILLY,T., MORRISON,F., AND WITHERSPOON,P. (1975)

GEOHERMAL ENERGY RESOURCE ASSESSMENT: CALIF. UNIV. LAWRENCE BERKELEY LABORATORY REPORT UCID-3762, U.S. ERDA

CONTRACT NO. W-7405-ENG-48

RECORD 00507

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074060

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 23 SE
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-22.1 N 117-19.5 W
 UTM ZONE... +11
 NORTHING... 4468480.
 EASTING... 472407.

MAP REFERENCE..... WINNEMUCCA 1:250000, BUFFALO SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 67.8

WATER ANALYSIS

ANALYSIS IN PPM

AG.....	CO3.....	LI...	SB...	0.024
B.....	F.....	NA... 275.		
BA.... 0.127				
CA....	HC03....	NO3..	U.... L 0.00014	
CL.... 24.				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WOLLENBERG,H.A., ASARO,F., BOWMAN,H., MCEVILLY,T., MORRISON,F., AND WITHERSPOON,P. (1975)

GEOHERMAL ENERGY RESOURCE ASSESSMENT: CALIF. UNIV., LAWRENCE BERKELEY LABORATORY REPT. UCID-3762, U.S. ERDA

CONTRACT NO. W-7405-ENG-48

RECORD 00508

GEO THERM FILE ID: 0074247

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION COUNTRY... UNITED STATES TOWNSHIP-RANGE 29N 41E 06

STATE... NEVADA

COUNTY... LANDER

GEOLOGIC PROVINCE..

MAP REFERENCE... WINNEMUCCA 1:250000, BUFFALO SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.2

WATER ANALYSIS

ANALYSIS IN PPM

AS.... L 0.010

AU....

B.....

BE.....

CA.... 24.

CL.... 28.

CO....

CO.... K..... 29.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WOLLENBERG, H., BOWMAN, H., AND ASARO, F., 1977, GEOCHEMICAL STUDIES AT FOUR NORTHERN

NEVADA HOT-SPRING AREAS; CALIF. UNIV. LAWRENCE BERKELEY LABORATORY REPORT 6808

COORDINATES

LAT/LONG... 40-24.9 N 117-25.4 W

UTM ZONE... +11

NORTHING... 4473695.

EASTING... 464083.

ISOTOPES (0/00)

SI02. 75.

NA... 268.

RECORD 00509

GEO THERM FILE ID: 0074304

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION COUNTRY... UNITED STATES TOWNSHIP-RANGE 29N 41E 06

STATE... NEVADA

COUNTY... LANDER

GEOLOGIC PROVINCE..

MAP REFERENCE... WINNEMUCCA 1:250000, BUFFALO SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0

WATER ANALYSIS

ANALYSIS IN PPM

AG....

AL....

AS.... L 0.010

AU....

B.....

BA.... 0.140

BE.....

BR.... 0.070

CA.... 28.

CD....

CL.... 26.

CO....

CO.... K..... 27.

COORDINATES

LAT/LONG... 40-24.9 N 117-25.4 W

UTM ZONE... +11

NORTHING... 4473695.

EASTING... 464083.

ISOTOPES (0/00)

SB... 0.035

SC... L 0.00002

MN... 0.040

MO... L 0.001 SI02. 81.

NA... 277.

U.... L 0.00016

W.... 0.033

RB... 0.130

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG, H., BOWMAN, H., AND ASARO, F., 1977

RECORD 00510

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074305

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 06
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-24.9 N 117-25.4 W
 UTM ZONE... +11
 NORTHING... 4473695.
 EASTING... 464083.

MAP REFERENCE..... WINNEMUCCA 1:250000, BUFFALO SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 67.8

WATER ANALYSIS

ANALYSIS IN PPM

AG....		CO3.....		LI...		SB...	0.022
AL....		CR.....		MG...		SC... L	0.00002
AS....	0.025	CS.....	0.160	MN...	0.010		
AU....		CU.....		MO... L	0.001	SI02.	84.
B....		F.....		NA...	280.		
BA....	0.135						
BE....		FE(TOT), L	0.1				
BR....	0.070						
CA....	20.	HCO3....		NO3..		U.... L	0.00014
CD....		H2S.....		PO4..		W....	0.024
CL....	25.	I.....		RB...	0.135		
CO....		K.....	36.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG, H., BOWMAN, H., AND ASARO, F., (1977) GEOCHEMICAL STUDIES AT FOUR NORTHERN-NEVADA
 HOT-SPRING AREAS: CALIF. UNIV. LAWRENCE BERKELEY LABORATORY REPORT 6808

RECORD 00511

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074308

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 06
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-24.9 N 117-25.4 W
 UTM ZONE... +11
 NORTHING... 4473695.
 EASTING... 464083.

MAP REFERENCE..... WINNEMUCCA 1:250000, BUFFALO SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.2

WATER ANALYSIS

ANALYSIS IN PPM

AG....		CO3.....		LI...		SB...	0.037
AL....		CR.....		MG...		SC... L	0.00002
AS....	L 0.010	CS.....	0.155	MN...	0.030		

ISOTOPES (0/00)

AU....	CU.....	MO... L 0.001	SI02..	64.
B.....	F.....	NA... 269.		
BA.... 0.160				
BE....	FE(TOT). L 0.1			
BR.... 0.062				
CA.... 25.	HCO3....	N03..	U.... L 0.00016	
CD....	H2S.....	P04..	W.... 0.028	
CL.... 28.	I.....	RB... 0.133		
CO....	K..... 27.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG, H., BOWMAN, H. AND ASARO, F. (1977) GEOCHEMICAL STUDIES AT FOUR NORTHERN-NEVADA
 HOT-SPRING AREAS: CALIF. UNIV. LAWRENCE BERKELEY LABORATORY REPORT 6808

RECORD 00512

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000645

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 23 SE
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, BUFFALO SPRINGS 1:62500

COORDINATES

LAT/LONG... 40-22.1 N 117-19.52 W
 UTM ZONE... +11
 NORTHING... 4468480.
 EASTING... 472379.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 49.0
 DISCHARGE..... Q 10. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... TRACES OF CaCO3 DEPOSITS
 PERTINENT LITHOLOGY..... ROCK TYPES: ALLUVIUM, BASALT, TUFFS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 1530.
 ALKALINITY..... 814. AS HCO3

ANALYSIS IN MG/L

AG....	CO3.....	LI... 0.8	SB... 80.
AL.... 0.010	CR.....	MG... 4.9	SC... 110.
AS.... 0.01	CS..... 0.2	MN... 0.06	SR... 2.4
AU....	CU..... 0.08	MO... 250.	
B.... 2.3	F..... 4.8	NA... 110.	
BA....	FE+3....	NA+K.	
BE....	FE(TOT). 0.05	NB... 2.2	
BI....	GA.....	NH4..	
BR.... 0.1			
CA.... 45.			
CA+MG.	HG..... 0.0001		
CD....	H2S.....	P04.. 0.06	
CL.... 29.	I..... 0.02	RB... 0.18	
CO....	K..... 34.		

ISOTOPES (0/00)

DEL D OF WATER..... -131.6
 DEL O(18) OF WATER... -15.85

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP
ANALYSIS IN VOLUME %
 CH4.. 2.

ISOTOPES (00/0)

C2H6. N2... 35.

CO2.. 60.

QUALIFICATION FIELD..... LOW FLOW RATE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00513

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002132

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION

COORDINATES

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 24
STATE..... NEVADA
COUNTY..... LANDER

LAT/LONG... 40-22.2 N 117-18.8 W

MAP REFERENCE..... BUFFALO SPRINGS 1:62500, WINNEMUCCA 1:250000

OTHER LOCALITY INFORMATION: 30 MILES SOUTHWEST OF BATTLE MOUNTAIN. ABOUT 25 SPRINGS ISSUE WITHIN 1000 FT. AREA ON SOUTHWEST BORDER OF LARGE PLAYA WELL OUT IN VALLEY FLOOR.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/27 HEWETT, D. F.; USGS
TEMPERATURE (C)..... 65.5
DISCHARGE..... 7.6 L/MIN
OTHER SAMPLE INFORMATION.. ABOUT 25 SPRINGS.

WATER ANALYSIS

DATE/ANALYST..... 1954/08/27 KRAMER, HENRY
PH..... 7.5
SPECIFIC CONDUCTANCE..... 1490.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	LI... 0.78		
AL.....	CR.....	MG... 20.		
AU.....	CU.....	MO... 304.	SI02. 74.	
B..... 3.0	F..... 5.5	NA... 304.	S04.. 93.	
BA.....	FE+3.....	NA+K.		
CA..... 7.6	HC03..... 818.	NO3.. N		
CL..... 20.				
CO.....	K..... 33.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00514

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002245

NAME OF SAMPLE SOURCE... BUFFALO VALLEY HOT SPRINGS

LOCATION

COORDINATES

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 41E 24
STATE..... NEVADA
COUNTY..... LANDER

LAT/LONG... 40-22.2 N 117-18.8 W

MAP REFERENCE..... BUFFALO SPRINGS 1:62500, WINNEMUCCA 1:250000

OTHER LOCALITY INFORMATION: 25 MILES SW OF BATTLE MOUNTAIN

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1916/09/00 WARING, G. A.
 TEMPERATURE (C)..... 54.0
 DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... FROM TERTIARY LAVA.

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.; UNIV. NEV.
 TOTAL DISSOLVED SOLIDS... 1032.

ANALYSIS IN PPM

ISOTOPES (Q/Q0)

AG....	CO3..... N			
AL....	CR.....	MG... T		
AU....	CU.....	MO...	SI02. 117.	
BA....	FE+3....	NA+K.	S04.. 109.	
BE....	FE(TOT). T			
CA.... 30.	HC03.... 761.	N03.. N		
CL.... 34.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... WARING, G. A., 1918; USGS WATER SUPPLY PAPER 425-D, P. 127.
 PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00515

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074095

NAME OF SAMPLE SOURCE... CHILLIS HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	27N 46E 27	LAT/LONG... 40-11.0 N 116-47.0 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... LANDER		NORTHING... 4447918.
GEOLOGIC PROVINCE..		EASTING.... 518446.

MAP REFERENCE..... WINNEMUCCA 1:250000, CARICO LAKE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 38.9
 DISCHARGE..... 10. L/MIN
 OTHER SAMPLE INFORMATION.. WARING NO. 82.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD;
 USGS PROF. PAPER 492 (NO. 82); ZONES, C.P. (1961B) GROUND-WATER POTENTIALITIES IN CRESENT VALLEY, EUREKA AND
 LANDER CO., NEVADA; USGS WATER SUPPLY PAPER 1581; ALSO NEVADA DEPT, CONSERV. AND NAT. RESOURCES, WATER RESOURCES
 BULL. 15

RECORD 00516

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002135

NAME OF SAMPLE SOURCE... HOT SPRINGS BEACH

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	27N 45E 25	LAT/LONG... 40-11. N 116-51.7 W
STATE..... NEVADA		
COUNTY..... LANDER		
MAP REFERENCE..... CARICO LAKE 1:62500, WINNEMUCCA 1:250000		

OTHER LOCALITY INFORMATION: 1 MILE NORTH OF HOT SPRINGS BEACH

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/27 HEWETT, D. F.; USGS

TEMPERATURE (C)..... 50.0
WATER ANALYSIS
 DATE/ANALYST..... 1954/08/27 KRAMER, HENRY
 PH..... 7.0
 SPECIFIC CONDUCTANCE..... 881.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... LI... 0.41
 AL..... CR..... MG... 22.
 AU..... CU..... MO... SI02. 39.
 B..... 2.4 F..... 4.5 NA... 114.
 BA..... FE+3..... NA+K. S04.. 68.
 CA..... 41. HCO3..... 443. NO3.. 0.3
 CL..... 20.
 CO..... K..... 22.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00517

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002133

NAME OF SAMPLE SOURCE... HOT SPRINGS RANCH
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 27N 43E 26
 COUNTY..... LANDER
 MAP REFERENCE..... THE CEDARS 1:62500, WINNEMUCCA 1:250000

COORDINATES

LAT/LONG... 40-11. N 116-45.6 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/27 HEWETT, D. F.; USGS
 TEMPERATURE (C)..... 33.0

WATER ANALYSIS

DATE/ANALYST..... 1954/08/27 KRAMER, HENRY
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 949.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... N LI... 0.62
 AL..... CR..... MG... 24.
 AU..... CU..... MO... SI02. 55.
 B..... 2.4 F..... 5.5 NA... 134.
 BA..... FE+3..... NA+K. S04.. 88.
 CA..... 22. HCO3..... 446. NO3.. 4.2
 CL..... 22.
 CO..... K..... 25.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00518

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074096

NAME OF SAMPLE SOURCE... HOT SPRINGS RANCH
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 27N 43E 26

COORDINATES

LAT/LONG... 40-10.9 N 117-06.4 W
 UTM ZONE... +11

COUNTY..... LANDER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, THE CEDARS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

NORTHING... 4447716.
 EASTING.... 490919.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 53.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOSE,R.K., AND TAYLOR,B.E.(1974) GEOTHERMAL SYSTEMS OF NORTHERN NEVADA: USGS OPEN-FILE REPT. 74-271

RECORD 00519

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074414

NAME OF SAMPLE SOURCE... HOT SPRINGS RANCH

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 27N 43E 23 SW OF NE
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-12.0 N 117-06.3 W
 UTM ZONE... +11
 NORTHING... 4449751.
 EASTING.... 491063.

MAP REFERENCE..... WINNEMUCCA 1:250000, THE CEDARS 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/00/00
 TEMPERATURE (C)..... 51.1
 DISCHARGE..... 1703. L/MIN
 OTHER SAMPLE INFORMATION.. SIX SPRINGS IN AREA.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 825.
 TOTAL DISSOLVED SOLIDS... 519.

ANALYSIS IN PPM

AL.....	CR.....	MG... 7.3		
AU.....	CU.....	MO... 39.	SI02.	39.
B..... 0.6	F..... 3.9	NA... 116.	S04..	62.
BA.....	FE+3....	NA+K.		
BE.....	FE(TOT).. 0.02			
CA..... 52.	HCO3.... 428.	NO3.. 0.8		
CL..... 21.				
CO.....	K..... 20.			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 3.95, RSC = 3.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CROSTHWAITE,E.G.(1973) GROUND-WATER APPRAISAL OF ANTELOPE AND MIDDLE REESE RIVER VALLEYS, LANDER CO. NEVADA: NEVADA DEPT. CONSERV. AND NAT. RESOURCES, GROUND-WATER RESOURCES-RECONN. SER. REPT. 19

RECORD 00520

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074052

NAME OF SAMPLE SOURCE... HOT SPRINGS RANCH (REESE RIVER VALLEY)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 27N 43E 23
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-11.5 N 117-06.4 W
 UTM ZONE... +11
 NORTHING... 4448826.
 EASTING.... 490920.

MAP REFERENCE..... WINNEMUCCA 1:250000, THE CEDARS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES(1 MILE NORTH OF HOT SPRINGS RANCH)

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1916/09/00 WARING, G. A.
 TEMPERATURE (C)..... 51.1
 DISCHARGE..... 450. L/MIN
 DEPOSITS OR ALTERATION.... CALCAREOUS SINTER
 OTHER SAMPLE INFORMATION.. 15 SPRINGS IN AREA.

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C., UNIV. NEV.
 TOTAL DISSOLVED SOLIDS... 559.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	10.	
AU.....	CU.....		MO...		SI02. 41.
BA.....	FE+3.....		NA+K.	121.	S04.. 63.
BE.....	FE(TOT). T				
CA..... 65.	HCO3.....	447.	NO3..	N	
CL..... 24.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492 (NO. 80) ; PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00521

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074700

NAME OF SAMPLE SOURCE... IZZENHOOD RANCH SPRINGS
 WARING NUMBER..... 76

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	35N 045E	10 SW OF NE NW	LAT/LONG...	40-55.75 N 116-53.7 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	LANDER			NORTHING...	4530687.
GEOLOGIC PROVINCE..				EASTING....	508840.

MAP REFERENCE..... WINNEMUCCA 1:250000, IZZENHOOD RANCH 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1917/00/00
 TEMPERATURE (C)..... 28.3
 DISCHARGE..... 1000.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00522

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074724

NAME OF SAMPLE SOURCE... IZZENHOOD RANCH SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	35N 045E	10 SW OF NE NW	LAT/LONG...	40-55.8 N 116-53.7 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	LANDER			NORTHING...	4530780.
GEOLOGIC PROVINCE..				EASTING....	508840.

MAP REFERENCE..... WINNEMUCCA 1:250000, IZZENHOOD RANCH 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/09/28
 TEMPERATURE (C)..... 31.
 OTHER SAMPLE INFORMATION.. SMALL POND, APPROXIMATELY 20 FT BY 80 FT, WATER BUBBLES-UP FROM SAND IN CENTER OF POND.
 POLYWOGS AND BLACK BASS ARE ABUNDANT.

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 410.

ANALYSIS IN PPM

AL.....	CR.....	MG...	4.1		
AU.....	CU.....	MO...		SI02.	51.
B.....	F.....	NA...	38.		
BA.....	FE+3....	NA+K.		S04..	36.
CA..... 33.	HCO3....		136.		
CL..... 25.					
CO.....	K.....		5.6		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-11-17
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00523

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074335

NAME OF SAMPLE SOURCE... JAMES LISTER WELL

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	24N 43E 27	LAT/LONG... 39-55.2 N 117-07.5 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... LANDER		NORTHING... 4418676.
GEOLOGIC PROVINCE..		EASTING.... 489317.

MAP REFERENCE..... MILLET 1:250000, MANHATTEN MTN. NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1918/00/00
 TEMPERATURE (C)..... 38.9
 WELL DEPTH (M)..... 4.6
 OTHER SAMPLE INFORMATION.. NON-FLOWING ARTESIAN WELL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1919) GROUND-WATER IN REESE RIVER BASIN AND ADJACENT PARTS OF THE HUMBOLDT RIVER BASIN, NEVADA: USGS WATER SUPPLY PAPER 425

RECORD 00524

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074293

NAME OF SAMPLE SOURCE... MARY STRESHLY WELL

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	17N 45E 13 SE	LAT/LONG... 39-19.9 N 116-51.9 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... LANDER		NORTHING... 4353383.
GEOLOGIC PROVINCE..		EASTING.... 511635.

MAP REFERENCE..... MILLET 1:250000, SPENCER HOT SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43.3
 WELL DEPTH (M)..... 18.
 DISCHARGE..... 11. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E. AND SCHROER, C. V., 1970, WATER RESOURCES OF BIG SMOKEY VALLEY, LANDER, NYE,
 AND ESERALDA CO. NEVADA: NEVADA DEPT CONSV. AND NATURAL RESOURCES, WATER RESOURCES BULL. 41

RECORD 00525

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074687

NAME OF SAMPLE SOURCE... MONITOR WELL

LOCATION
TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 18N 047E 20 NE
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-24.8 N 116-41.6 W
 UTM ZONE... +11
 NORTHING... 4362482.
 EASTING.... 526400.

MAP REFERENCE..... MILLET 1:250000, HICKSON SUMMIT 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/14
 TEMPERATURE (C)..... 21.7

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 579.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	12.		
B.....	F.....	NA...	36.		
BA.....	FE+3.....	NA+K.		S04..	88.
CA..... 62.	HCO3..... 160.				
CL..... 43.					

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 1.1, RSC = 0.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., AND EVERETT, D. E., 1964

RECORD 00526

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002137

NAME OF SAMPLE SOURCE... MOUND SPRING

LOCATION
TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 28N 44E 07
 STATE..... NEVADA
 COUNTY..... LANDER
 MAP REFERENCE..... MCCOY 1:62500, WINNEMUCCA 1:250000

COORDINATES
 LAT/LONG... 40-19. N 117-04. W

OTHER LOCALITY INFORMATION: 23 MILES SOUTH OF BATTLE MTN., REESE RIVER VALLEY. IMMEDIATELY EAST OF HIGHWAY 8A.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/14 WHITE, D. E.
 TEMPERATURE (C)..... 15.0

DISCHARGE..... 3.8 L/MIN

DEPOSITS OR ALTERATION.... TRAVERTINE CONE.

PERTINENT LITHOLOGY..... BASIC VOLCANICS OF PUMPERNICKEL FORMATION AND/OR TERTIARY RHYOLITE.

WATER ANALYSIS

DATE/ANALYST..... 1958/02/03 WHITEHEAD, H. C.
 PH..... 7.8
 SPECIFIC CONDUCTANCE..... 923.
 ALKALINITY..... 205. AS CAC03

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR..... MG... 21.
 CA..... 47. HCO3..... 450.
 CL..... 16.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00527

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002136

NAME OF SAMPLE SOURCE... MOUND SPRING

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 28N 44E 07 LAT/LONG... 40-19. N 117-04. W
 STATE..... NEVADA
 COUNTY..... LANDER
 MAP REFERENCE..... MCCOY 1:62500, WINNEMUCCA 1:250000
 OTHER LOCALITY INFORMATION: 25 MILES SOUTH OF BATTLE MTN., EASTSIDE OF VALLEY

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/27 HEWETT, D. F.; USGS
 TEMPERATURE (C)..... 32.0
 DEPOSITS OR ALTERATION... SPRINGS ON TUSA APRON.
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS. ONE IS PIPED TO TROUGH 100 FT. NORTH.

WATER ANALYSIS

DATE/ANALYST..... 1954/08/27 KRAMER, HENRY
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 995.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... N LI... 0.33
 AL..... CR..... MG... 27.
 AU..... CU..... MO... SI02. 40.
 B..... 2.0 F..... 2.5 NA... 105.
 BA..... FE+3..... NA+K. S04.. 94.
 CA..... 70. HCO3..... 507. NO3.. N
 CL..... 17.
 CO..... K..... 28.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00528

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074053

NAME OF SAMPLE SOURCE... MOUND SPRINGS

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 28N 44E 07 LAT/LONG... 40-18.7 N 117-05.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LANDER NORTHING... 4462143.
 GEOLOGIC PROVINCE... EASTING... 492777.

MAP REFERENCE..... WINNEMUCCA 1:250000, MCCOY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43.3
 DISCHARGE..... 3. L/MIN
 DEPOSITS OR ALTERATION.... CALCAREOUS SINTER
 OTHER SAMPLE INFORMATION.. CALCAREOUS SINTER OVER 0.5 SQUARE MILE AREA.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492 (NO.79)

RECORD 00529

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074655

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	16N 044E 24 NW	LAT/LONG...	39-14.3 N 116-58.4 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	LANDER		NORTHING...	4343017.
GEOLOGIC PROVINCE..			EASTING....	502301.

MAP REFERENCE..... MILLET 1:250000, WILDCAT PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1948/00/00
 TEMPERATURE (C)..... 28.9
 WELL DEPTH (M)..... 37.
 DISCHARGE..... 6.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G.W., JR., 1968

RECORD 00530

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074682

NAME OF SAMPLE SOURCE... NONE GIVEN

WARING NUMBER..... 28

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	27N 046E NW	LAT/LONG...	40-11.2 N 116-48.3 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	LANDER		NORTHING...	4448284.
GEOLOGIC PROVINCE..			EASTING....	516600.

MAP REFERENCE..... WINNEMUCCA 1:250000, CARICO LAKE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/07/12
 TEMPERATURE (C)..... 22.2

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 2330.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	61.		
BA....	FE+3....	NA+K.	292.	S04..	315.

CA.... 141. HC03.... 540.

CL.... 332.

OTHER ANALYTICAL DATA... SAR = 5.2, RSC = 0.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EVERETT, D. E., AND RUSH, F. E., 1966

RECORD 00531

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074683

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	26N 046E 15 NE	LAT/LONG...	40-07.75 N 116-53.2 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	LANDER		NORTHING...	4441889.
GEOLOGIC PROVINCE..			EASTING....	509656.
MAP REFERENCE.....	WINNEMUCCA 1:250000, CARICO LAKE 1:24000			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/07/12
 TEMPERATURE (C)..... 22.2

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 806.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3.... N			
AL....	CR.....	MG...	18.	
BA....	FE+3....	NA+K.	111.	S04.. 95.
CA.... 54.	HC03.... 396.			
CL.... 18.				

OTHER ANALYTICAL DATA... SAR = 3.4, RSC = 2.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EVERETT, D. E., AND RUSH, F. E., 1966

RECORD 00532

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074686

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18N 047E 08 SW	LAT/LONG...	39-25.9 N 116-42.4 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	LANDER		NORTHING...	4364513.
GEOLOGIC PROVINCE..			EASTING....	525246.
MAP REFERENCE.....	MILLETT 1:250000, HICKSON SUMMIT 1:62500			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., AND EVERETT, D. E., 1964

RECORD 00533

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074701

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 31N 04E 11 NW LAT/LONG... 40-34.6 N 117-13.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LANDER NORTHING... 4491577.
 GEOLOGIC PROVINCE.. EASTING.... 481379.

MAP REFERENCE..... WINNEMUCCA 1:250000, ANTLER PEAK 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/10/08

TEMPERATURE (C)..... 23.9

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE..... 259.

TOTAL DISSOLVED SOLIDS... 244.

ANALYSIS IN PPMISOTOPES (0/00)

AG....		CO3..... N				
AL....		CR.....	MG...	2.4		
AU....		CU.....	MO...		SI02.	65.
B.....	0.11	F..... 0.6	NA...	34.		
BA....		FE+3....	NA+K.		S04..	25.
CA....	18.	HCO3.... 104.	NO3..	0.8		
CL....	15.					
CO....		K..... 4.8				

OTHER ANALYTICAL DATA... SAR = 2.0, RSC = 0.63

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... SINCLAIR, W. C., 19-3A

RECORD 00534

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074684

NAME OF SAMPLE SOURCE... PETERSON'S MILL HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 20N 0 0E 36 NW OF NW LAT/LONG... 39-33.4 N 117-25.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LANDER NORTHING... 4378433.
 GEOLOGIC PROVINCE.. EASTING.... 463058.

MAP REFERENCE..... MILLETT 1:250000, MOUNT AIRY 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/08

TEMPERATURE (C)..... 23.

QUALIFICATION FIELD..... TEMPERATURE MEASURED BY NEV. BUR. MINES AND GEOL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... B

RECORD 00535

 GEOTHERM FILE ID: 0002139

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... REESE RIVER VALLEY
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 27N 43E 26
 STATE..... NEVADA
 COUNTY..... LANDER
 MAP REFERENCE..... THE CEDARS 1:62500, WINNEMUCCA 1:250000
 OTHER LOCALITY INFORMATION: AT HOT SPRING RANCH

COORDINATES

LAT/LONG... 40-13.7 N 117-06.6 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1916/09/00 WARING, G. A.
 TEMPERATURE (C)..... 50.0
 DISCHARGE..... 189. L/MIN

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.; UNIV. NEV
 TOTAL DISSOLVED SOLIDS... 627.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... CR..... T
 AU.... CU..... MO... SI02. 55.
 BA.... FE+3.... NA+K. 154. S04.. 74.
 BE.... FE(TOT). T
 CA.... 64. HCO3.... 468. NO3.. N
 CL.... 23.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 WARING, G. A., 1918, U.S.G.S. WATER SUPPLY PAPER 425 - D, P. 127

RECORD 00536

 GEOTHERM FILE ID: 0074685

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SMITH CREEK VALLEY
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 20N 0 0E 36 NW
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLETT 1:250000, MOUNT AIRY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

COORDINATES

LAT/LONG... 39-33.6 N 117-25.6 W
 UTM ZONE... +11
 NORTHING... 4378801.
 EASTING... 463346.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/03/30
 TEMPERATURE (C)..... 29.4

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 477.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... 8.
 AL.... CR..... MG... 20.
 BA.... FE+3.... NA+K. S04.. 74.
 CA.... 42. HCO3.... 180.
 CL.... 19.

OTHER ANALYTICAL DATA... SAR = 1.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EVERETT, D. E., AND RUSH, F. E., 1964

RECORD 00537

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000611

NAME OF SAMPLE SOURCE... SMITH CREEK VALLEY AREA - UNNAMED HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 17N 39E 11 LAT/LONG... 39-21. N 117-33.5 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LANDER NORTHING... 4356199.
 GEOLOGIC PROVINCE... EASTING... 452900.
 MAP REFERENCE..... CARROLL SUMMIT 1:24000, MILLET 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 86.0
 DISCHARGE..... 75. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... TRACES OF CaCO3 DEPOSITS
 PERTINENT LITHOLOGY..... ALLUVIUM AND ASH-FLOW RHYOLITES.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 737.
 ALKALINITY..... 256. AS HCO3

ANALYSIS IN MG/L

AG....		CO3.....		LI....	0.38	SB....	
AL....	0.040	CR.....		MG....	0.06	SC....	
AS....		CS.....	L 0.1	MN....	L 0.02		
AU....		CU.....	L 0.01	MO....		SI02.	110.
B....	0.66	F.....	8.9	NA....	170.		
BA....		FE+3....		NA+K.		S04..	102.
BE....		FE(TOT). L	0.02	NB....		SR....	0.2
BI....		GA.....		NH4..	0.18		
CA....	4.8						
CA+MG.		HG.....	0.0006				
CD....		H2S.....		P04..	0.25		
CL....	22.	I.....		RB....	0.06		
CO....		K.....	8.4				

ISOTOPES (0/00)

DEL D OF WATER..... -130.4
 DEL O(18) OF WATER... -16.68

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
 OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00538

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074717

NAME OF SAMPLE SOURCE... SPENCER HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 17N 045E 13 SE OF SE SE LAT/LONG... 39-19.6 N 116-51.4 W
 STATE..... NEVADA UTM ZONE... +11

COUNTY..... LANDER
GEOLOGIC PROVINCE..
MAP REFERENCE..... MILLET 1:250000, SPENCER HOT SPRING 1:62500

NORTHING... 4352829.
EASTING.... 512355.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/01
TEMPERATURE (C)..... 58.

WATER ANALYSIS

PH..... 6.5
SPECIFIC CONDUCTANCE..... 1180.

ANALYSIS IN PPM

AL....	CR.....	MG...	3.1		
AU....	CU.....	MO...		SI02.	80.
B.....	F.....	NA...	201.		
BA....	FE+3....	NA+K.		S04..	51.
CA....	44.	HCO3....	Q 673.		
CL....	22.				
CO....		K.....	35.		

ISOTOPES (0/00)

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-2-18
REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00539

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074294

NAME OF SAMPLE SOURCE... SPENCER HOT SPRINGS

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 45E 11 NE OF SE
STATE..... NEVADA
COUNTY..... LANDER
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-20.8 N 116-52.7 W
UTM ZONE... +11
NORTHING... 4355046.
EASTING.... 510484.

MAP REFERENCE..... MILLET 1:250000, SPENCER HOT SPRINGS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 73.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... RUSH, F. E. AND SCHROER, C. V., 1970, WATER RESOURCES OF BIG SMOKEY VALLEY, LADNER, NYE,
AND ESMERALDA CO. NEVADA: NEV DEPT OF CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES BULL. 41

RECORD 00540

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074295

NAME OF SAMPLE SOURCE... SPENCER HOT SPRINGS

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 45E 13 SE OF SE
STATE..... NEVADA
COUNTY..... LANDER
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-19.7 N 116-51.6 W
UTM ZONE... +11
NORTHING... 4353014.
EASTING.... 512067.

MAP REFERENCE..... MILLET 1:250000, SPENCER HOT SPRINGS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/00/00

TEMPERATURE (C)..... 62.2
REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., 1968, REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA: NEV UNIV. RENO;
 DESERT RESH INST; CENT WATR RESRS RESCH MISC RPT 5.

RECORD 00541

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074301

NAME OF SAMPLE SOURCE... SPENCER HOT SPRINGS
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 17N 45E 17 SE LAT/LONG... 39-19.6 N 116-51.4 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LANDER NORTHING... 4352829.
 GEOLOGIC PROVINCE.. EASTING... 512355.
 MAP REFERENCE..... MILLET 1:250000, SPENCER HOT SPRING 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/00/00
 TEMPERATURE (C)..... 47.2
 OTHER SAMPLE INFORMATION.. NORTH SPRING AT SPENCERS, NOW DRY.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., (1968) REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA: NEV. UNIV. RENO;
 DESERT RESH, INST; CENT WATER RESRS RESH, MISC RPT 5

RECORD 00542

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000641

NAME OF SAMPLE SOURCE... SPENCER HOT SPRINGS
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 17N 045E 24 NE LAT/LONG... 39-19.6 N 116-51.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LANDER NORTHING... 4351720.
 GEOLOGIC PROVINCE.. EASTING... 512931.
 MAP REFERENCE..... MILLET 1:250000, SPENCER HOT SPRINGS 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 72.0
 DISCHARGE..... 50. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... CaCO3 APRON DEPOSITED
 PERTINENT LITHOLOGY..... ROCK TYPES: ALLUVIUM, ASH-FLOW TUFFS, GRANITE, CHERT, QUARTZITE.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 1180.
 ALKALINITY..... 673. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI... 1.8	SB...
AL.....	CR.....	MG... 9.4	SC...
AS.... L 0.01	CS..... 0.1	MN... L 0.02	
AU.....	CU..... 0.12	MO...	SI02. 77.
B..... 2.6	F..... 4.7	NA... 200.	

ISOTOPES (0/00)

DEL D OF WATER..... -135.8
 DEL O(18) OF WATER... -16.01

BA....	FE+3....	NA+K.	S04..	51.
BE....	FE(TOT). 0.06	NB...	SR...	1.8
BR.... 0.1				
CA.... 43.				
CD....	H2S.....	P04..	0.03	
CL.... 22.	I..... 0.02	RB...	0.15	
CO....	K..... 36.			

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

ISOTOPES (00/0)

CH4.. 1.
 C2H6. N2... 41.
 CO2.. 54.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00543

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002140

NAME OF SAMPLE SOURCE... SPENCER HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17N 46E 19 NW LAT/LONG... 39-19.7 N 116-51.2 W
 STATE..... NEVADA
 COUNTY..... LANDER
 MAP REFERENCE..... SPENCER HOT SPRINGS 1:62500; MILLET 1:250000
 OTHER LOCALITY INFORMATION: 18 MILES SE OF AUSTIN, 6 MI. E OF SPENCER RANCH

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1913/09/00 MEINZER, O. E.
 TEMPERATURE (C)..... 47.0
 DISCHARGE..... 23. L/MIN
 DEPOSITS OR ALTERATION... EXTENSIVE TUFA TERRACE.
 OTHER SAMPLE INFORMATION.. ALSO 80 DEG POOL AND SEVERAL COLD SPRINGS.

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.; UNIV NEV.
 TOTAL DISSOLVED SOLIDS... 802.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3..... 12.			
AL....	CR.....	MG...	18.	
AU....	CU.....	MO...		SI02. 34.
BA....	FE+3....	NA+K.	197.	S04.. 52.
BE....	FE(TOT). 0.2			
CA.... 57.	HC03.... 646.	N03..	N	
CL.... 28.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 MEINZER, O. E., 1917, USGS WATER SUP. PAPER 423

RECORD 00544

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002141

NAME OF SAMPLE SOURCE... SPENCER HOT SPRINGS - ARTESIAN WELL

LOCATION TOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 19 NW

LAT/LONG... 39-19.7 N 116-51.2 W

STATE..... NEVADA

COUNTY..... LANDER

MAP REFERENCE..... SPENCER HOT SPRINGS 1:62500, MILLET 1:250000

OTHER LOCALITY INFORMATION: 500 FT. NE OF MAIN SPRING

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/14 WHITE, DON E.

TEMPERATURE (C)..... 73.0

DISCHARGE..... 30. L/MIN

DEPOSITS OR ALTERATION... TRAVERTINE TERRACE.

PERTINENT LITHOLOGY..... POSSIBLY ON TERTIARY VOLCANIC ROCKS.

OTHER SAMPLE INFORMATION.. FROM TRAVERTINE TERRACE, POSSIBLY ON TERTIARY VOLCANIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1958/03/24 WHITEHEAD & SCHUCH

PH..... 6.6

SPECIFIC CONDUCTANCE..... 1150.

ALKALINITY..... 127. AS CAC03

ANALYSIS IN PPMISOTOPES (0/00)

AG.....	CO3.....	N	LI...	1.8		
AL.....	CR.....		MG...	4.9		
AU.....	CU.....		MO...		SI02.	80.
B.....	F.....	5.5	NA...	197.		
BA.....	FE+3.....		NA+K.		S04..	44.
BI.....	GA.....		NH4..	3.5		
CA.....	HCO3.....	656.	NO3..	N		
CL.....						
CO.....	K.....	35.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00545

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002142

NAME OF SAMPLE SOURCE... SPENCER HOT SPRINGS

LOCATION TOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 17N 46E 19 NW

LAT/LONG... 39-19.7 N 116-51.2 W

STATE..... NEVADA

COUNTY..... LANDER

MAP REFERENCE..... SPENCER HOT SPRINGS 1:62500, MILLET 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/14 WHITE, DON E.

TEMPERATURE (C)..... 61.0

DISCHARGE..... 38. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1958/06/16 WHITEHEAD, H. C.

PH..... 6.6

SPECIFIC CONDUCTANCE..... 1160.

ALKALINITY..... 142. AS CAC03

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... N
 AL..... CR..... MG... 8.0
 CA.... 44. HCO3.... 664.
 CL.... 22.
 CO..... K..... S.... N
 QUALIFICATION FIELD..... S MEASURED IN FIELD.
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00546

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002143

NAME OF SAMPLE SOURCE... SPENCER HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 46E 19 NW
 STATE..... NEVADA
 COUNTY..... LANDER
 MAP REFERENCE..... SPENCER HOT SPRINGS 1:62500, MILLET 1:250000

COORDINATES

LAT/LONG... 39-19.7 N 116-51.2 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/22 HEWETT, D. F.
 TEMPERATURE (C)..... 60.2
 DISCHARGE..... 21. L/MIN
 OTHER SAMPLE INFORMATION.. MAIN POOL IN BANK SHOWS SOME BUBBLES. PALE GRAY MUD AT BOTTOM OF POOL.

WATER ANALYSIS

DATE/ANALYST..... 1954/09/10 BRENNAN, R.
 PH..... 7.0
 SPECIFIC CONDUCTANCE..... 1150.
 ALKALINITY..... 152. AS CAC03
 TOTAL DISSOLVED SOLIDS... 763.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... N LI... 2.0
 AL..... CR..... MG... 8.3
 AU..... CU..... MO... SI02. 81.
 B..... 2.6 F..... 5.0 NA... 200.
 BA..... FE+3.... NA+K. S04.. 44.
 CA.... 47. HCO3.... 670. NO3.. 0.1
 CL.... 22.
 CO..... K..... 36.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00547

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000797

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING (VALLEY OF THE MOON)
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 27N 43E 23 NE
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, THE CEDARS 1:62500

COORDINATES

LAT/LONG... 40-12.0 N 117-06.0 W
 UTM ZONE... +11
 NORTHING... 4449750.
 EASTING... 491489.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 TEMPERATURE (C)..... 53.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 OTHER SAMPLE INFORMATION.. PROBABLY DEEP CIRCULATION METEORIC WATER.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 700.
 ALKALINITY..... 333. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	SB...
AL.....	CR.....	MG... 9.	SC...
AU.....	CU.....	MO...	SI02. 40.
B.....	F.....	NA... 118.	S04.. 64.
BA.....	FE+3.....	NA+K.	
CA..... 20.			
CL..... 21.			
CO.....	K..... 21.		

ISOTOPES (0/00)

DEL D OF WATER..... -127.8
 DEL O(18) OF WATER... -16.28

QUALIFICATION FIELD..... VERY LOW SILICA.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00548

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074720

NAME OF SAMPLE SOURCE... UNNAMED SPRING IN SMITH CREEK VALLEY

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 039E 25 NE OF NW NW
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLET 1:250000, CARROLL SUMMIT SE 1:24000

COORDINATES

LAT/LONG... 39-18.9 N 117-32.8 W
 UTM ZONE... +11
 NORTHING... 4351667.
 EASTING... 452872.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/03
 TEMPERATURE (C)..... 92.
 DEPOSITS OR ALTERATION... SPRING ON TUFA MOUND.
 OTHER SAMPLE INFORMATION.. SPRING FORMS POOL 3 FT IN DIAMETER.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 733.

ANALYSIS IN PPM

AL.....	CR.....	MG... 0.14	
AU.....	CU.....	MO... 116.	SI02. 116.
B.....	F..... 8.8	NA... 156.	
BA.....	FE+3.....	NA+K.	S04.. 108.
CA..... 6.2	HCO3..... 0 243.		
CL..... 24.			
CO.....	K..... 8.0		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-2-16
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00549

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074721

NAME OF SAMPLE SOURCE... UNNAMED SPRING IN SMITH CREEK VALLEY
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 039E 26 SE OF NE NE
 STATE..... NEVADA
 COUNTY..... LANDER
 GEOLOGIC PROVINCE...
 MAP REFERENCE..... MILLET 1:250000, CARROLL SUMMIT SE 1:24000

COORDINATES
 LAT/LONG... 39-18.7 N 117-33.1 W
 UTM ZONE... +11
 NORTHING... 4351300.
 EASTING... 452439.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/03
 TEMPERATURE (C)..... Q 46.
 PERTINENT LITHOLOGY..... SPRINGS ASSOCIATED WITH MANY TUFA MOUNDS.
 OTHER SAMPLE INFORMATION.. 15 TO 20 ASSOCIATED SMALL POOLS.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 763.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG... 0.14			
AU.....	CU.....	MO... 128.	SI02.		
B.....	F..... 9.3	NA... 163.			
BA.....	FE+3.....	NA+K.	S04..	112.	
CA... 1.2	HC03... Q 253.				
CL... 25.					
CO... 8.1	K.....				

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING. IN SMALL POOLS, TEMPERATURE RANGES FROM 65 TO 90 DEG C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-2-15
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00550

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002144

NAME OF SAMPLE SOURCE... WARM SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 27N 43E 26
 STATE..... NEVADA
 COUNTY..... LANDER
 MAP REFERENCE..... THE CEDARS 1:62500, WINNEMUCCA 1:250000

COORDINATES
 LAT/LONG... 40-13.7 N 117-06.6 W

OTHER LOCALITY INFORMATION: HOT SPRINGS RANCH, 33 MI. SOUTH OF BATTLE MTN. ON REESE RIVER VALLEY, ABOUT 3/8 MI. NW OF WARM SPRINGS HG PROJECT.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/14 WHITE, DON E.
 TEMPERATURE (C)..... 52.0
 DISCHARGE..... 1893. L/MIN
 DEPOSITS OR ALTERATION... DEPOSITS OF TRAVERTINE WHICH LIES ON ALLUVIUM, RHYOLITE TUFF ALTERED HG PROSPECT.

WATER ANALYSIS

DATE/ANALYST..... 1958/05/28 WHITEH AD, H. C.
 PH..... 6.8

SPECIFIC CONDUCTANCE..... 864.
 ALKALINITY..... 170. AS CAC03
 ANALYSIS IN PPM
 AG..... CO3..... N LI... 0.4
 AL..... CR..... MG... 3.2
 AS..... CS..... MN... 0.1
 AU..... CU..... MO... SI02. 39.
 B..... 0.68 F..... NA... 116.
 BA..... FE+3..... NA+K. S04.. 38.
 CA..... 63. HCO3..... 442.
 CL..... 20.
 CO..... K..... 20. S.... N

ISOTOPES (0/00)

QUALIFICATION FIELD..... S MEASURED IN FIELD.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00551

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002243

NAME OF SAMPLE SOURCE... WELL NEAR HOT SPRINGS SE OF HUMBOLDT SALT MARSH

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 17N 39E
 STATE..... NEVADA
 COUNTY..... LANDER
 MAP REFERENCE..... CARROLL SUMMIT 1:24000, MILLET 1:250000
 OTHER LOCALITY INFORMATION: 20 MI. WEST OF AUSTIN, NEVADA

SAMPLE DESCRIPTION AND CONDITIONS

POINT OF COLLECTION.. WELL NEAR HOT SPRING
 TEMPERATURE (C)..... Q
 OTHER SAMPLE INFORMATION.. ABOUT 20 SPRINGS.

WATER ANALYSIS

PH..... 7.6
 ANALYSIS IN PPM
 AL..... CR..... MG... 8.9
 BA..... FE+3..... NA+K. S04.. 16.
 CA..... 37. HCO3..... 1370.
 CL..... 73.

ISOTOPES (0/00)

QUALIFICATION FIELD..... NO TEMPERATURE LISTED IN PUBLICATION, BUT NEARBY SPRINGS SAID TO BE NEAR BOILING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... D. E. EVERETT AND F. EUGENE RUSH, STATE DEPT. CENS. AND NAT'L. RESOURCES BRANCH WATER RECONNAISSANCE SER. REPORT 28, JULY 1964.

RECORD 00552

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074623

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 06S 061E 06 NW OF NW
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... CALIENTE 1:250000, ASH SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.
 LAT/LONG... 37-27.6 N 115-11.2 W
 UTM ZONE... +11
 NORTHING... 4147243.
 EASTING... 660377.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/05/23
 TEMPERATURE (C)..... 32.2
 DISCHARGE..... 7630.
 PERTINENT LITHOLOGY..... ISSUES FROM ALLUVIUM - BEDROCK CONTACT.

WATER ANALYSIS

ANALYSIS IN EPM

BA..... FE+3..... NA+K. 1.5
 CA+MG. 3.1

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... L + SO4 = 1.05 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00553

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074712

NAME OF SAMPLE SOURCE... AQUA CALIENTE WELL NO. 3

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 067E 08 NW OF NW
 STATE..... NEVADA
 COUNTY..... LINCOLN

COORDINATES

LAT/LONG... 37-37.7 N 114-30.6 W
 UTM ZONE... +11
 NORTHING... 4167291.
 EASTING.... 719737.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... CALIENTE 1:250000, CALIENTE 1:24000

OTHER LOCALITY INFORMATION: THIS WELL IS 1 OF 4 ON PROPERTY OWNED BY MR. FERGUS WALLIS.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/09/27
 TEMPERATURE (C)..... Q 67.
 WELL DEPTH (M)..... 27.
 DISCHARGE..... Q 1400.

OTHER SAMPLE INFORMATION.. TEMPERATURE PROFILES ON WELLS 3 AND 4. WATER TABLE IS 20 FT BELOW SURFACE. WELL IS PUMPED AT 75 FT BELOW SURFACE.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 400.

ANALYSIS IN PPM

AL..... CR..... MG... 4.8
 AU..... CU..... MO... SI02. 106.
 B..... F..... 1.4 NA... 39.
 BA..... FE+3..... NA+K. S04.. 30.
 CA..... 34. HCO3..... Q 200.
 CL..... 8.
 CO..... K..... 14.

ISOTOPES (0/00)

QUALIFICATION FIELD..... HCO3 TITRATED WITHIN 4 HOURS OF SAMPLING. FLOW RATE=

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-9-17
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00554

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074622

NAME OF SAMPLE SOURCE... ASH (ALAMO) SPRINGS AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06S 061E 06 NW OF NW NW LAT/LONG... 37-27.6 N 115-11.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LINCOLN NORTHING... 4147243.
 GEOLOGIC PROVINCE.. EASTING.... 660377.

MAP REFERENCE..... CALIENTE 1:250000, ASH SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/09
 TEMPERATURE (C)..... 31.1
 DISCHARGE..... 8690.
 OTHER SAMPLE INFORMATION.. SIX MAIN SPRINGS, WATER USED FOR DOMESTIC PURPOSES AND IRRIGATION.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 443.
 TOTAL DISSOLVED SOLIDS... 286.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3.....	N				
AL.....		CR.....		MG...	18.		
AU.....		CU.....		MO...		SI02.	31.
B.....	0.1	F.....	0.5	NA...	32.		
BA.....		FE+3....		NA+K.		S04..	34.
CA.....	39.	HCO3....	231.	NO3..	1.3		
CL.....	9.7						
CO.....		K.....	6.8				

OTHER ANALYTICAL DATA... SAR = 1.06, RSC=0.35

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1963B

RECORD 00555

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074641

NAME OF SAMPLE SOURCE... ASH (ALAMO) SPRINGS AREA
 LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 060E LAT/LONG... 37-27.9 N 115-11.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LINCOLN NORTHING... 4147787.
 GEOLOGIC PROVINCE.. EASTING.... 659777.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/11/16
 TEMPERATURE (C)..... 32.2

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 303.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3.....	N				
AL.....		CR.....		MG...	13.		
AU.....		CU.....		MO...		SI02.	34.
B.....		F.....		NA...	59.		
BA.....		FE+3....		NA+K.		S04..	46.
CA.....	49.	HCO3....	259.				
CL.....	11.						

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... HARDMAN, G., AND MILLER, M., 1934

RECORD 00556

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074374

NAME OF SAMPLE SOURCE... ASH SPRINGS, ALAMO SPRINGS
WARING NUMBER..... 149

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>		<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	06S 61E	06 NW OF NW	LAT/LONG...	37-27.8 N 115-11.2 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	LINCOLN			NORTHING...	4147613.
GEOLOGIC PROVINCE..				EASTING....	660370.

MAP REFERENCE..... CALIENTE 1:250000, ASH SPRINGS 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 36.1

DISCHARGE..... 34068. L/MIN

OTHER SAMPLE INFORMATION.. TEMPERATURE RANGES FROM 32.3-36.1 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:

US GEOL SURVEY PROF. PAPER 492, NO.149

RECORD 00557

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074661

NAME OF SAMPLE SOURCE... BENNETT'S (BENNETT) SPRING
WARING NUMBER..... 144

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>		<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	02S 066E	07 SW	LAT/LONG...	37-47.0 N 114-38.35 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	LINCOLN			NORTHING...	4184196.
GEOLOGIC PROVINCE..				EASTING....	707903.

MAP REFERENCE..... CALIENTE 1:250000, THE BLUFFS 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.1

DISCHARGE..... 10.

OTHER SAMPLE INFORMATION.. BURIED FAULT; 2 SPRINGS; WATER SUPPLY FOR CATTLE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... HARDMAN, G. AND MILLER, M., 1934

RECORD 00558

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074642

NAME OF SAMPLE SOURCE... C. KENNETH LEE SOUTH WELL

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>		<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	01S 068E	33 SE	LAT/LONG...	37-48.9 N 114-22.5 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	LINCOLN			NORTHING...	4188331.
GEOLOGIC PROVINCE..				EASTING....	731072.

MAP REFERENCE..... CALIENTE 1:250000, PANACA 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/00/00
 TEMPERATURE (C)..... 24.4
 WELL DEPTH (M)..... 32.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1964

RECORD 00559

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074094

NAME OF SAMPLE SOURCE... CALIENTE HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 67E 05 SW
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-37.6 N 114-30.8 W
 UTM ZONE... +11
 NORTHING... 4167098.
 EASTING... 719448.

MAP REFERENCE..... CALIENTE 1:250000, CALIENTE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 44.5
 DISCHARGE..... N L/MIN
 OTHER SAMPLE INFORMATION.. WARING NO. 146.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 430.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL.... T	CR.....	MG...	7.		
AU....	CU.....	MO...		SI02.	126.
BA....	FE+3....	NA+K.	84.	S04..	4.5
CA.... 33.	HCO3.... 278.	NO3..	4.		
CL.... 12.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... PHOENIX, D.A., (1948A) GEOLOGY AND GROUND-WATER IN THE MEADOW VALLEY WASH DRAINAGE AREA, NEVADA, ABOVE THE VICINITY OF CALIENTE, WITH STATEMENTS ON CLASSIFICATION OF IRRIGABLE LANDS IN THE PANACA AREA OF MEADOW VALLEY, BY GEORGE HARDMAN AND H.G. FOX, AND QUALITY OF SPRING AND WELL WATERS OF THE MEADOW VALLEY WASH DRAINAGE AREA ABOVE THE VICINITY OF CALIENTE, BY GEORGE HARDMAN AND M.R. MILLER; NEVADA DEPT. CONSERV. AND NAT. RESOURCES; WATER RESRS BULL. 7; WARING, G.A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD; USGS PROF. PAPER 492 (NO. 146)

RECORD 00560

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074297

NAME OF SAMPLE SOURCE... CALIENTE HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04S 67E 08 NE
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-37.2 N 114-30.2 W
 UTM ZONE... +11
 NORTHING... 4166381.
 EASTING... 720350.

MAP REFERENCE..... CALIENTE 1:250000, CALIENTE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 57.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SMITH, A. M., 1958, RESOURCES REPORT, LINCOLN CO., NEVADA; REPORT FOR THE OFFICE OF GEORGE W. MALONE, U.S. SENATE, NEVADA

RECORD 00561

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074409

NAME OF SAMPLE SOURCE... CALIENTE HOT SPRINGS, WALLIS HEALTH WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04S 67E 08 NW LAT/LONG... 37-37.3 N 114-30.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LINCOLN NORTHING... 4166543.
 GEOLOGIC PROVINCE... EASTING.... 719463.
 MAP REFERENCE..... CALIENTE 1:250000, CALIENTE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/04
 TEMPERATURE (C)..... 62.8

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 437.
 TOTAL DISSOLVED SOLIDS... 333.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... L 0.02	CO3..... N	LI.... 0.169	SB... L 0.1
AL....	CR..... L 0.02	MG.... 4.4	
AS.... 0.00005	CS..... 0.4	MN.... 0.01	SE... L 0.001
AU....	CU..... L 0.02	MO....	SI02. 88.
B.....	F..... 1.6	NA.... 40.	SN... 0.05
BA.... 0.08	FE+3....	NA+K.	S04.. 33.
BE.... L 0.005	FE(TOT). 0.01	NB....	SR... 0.25
BI.... L 0.1	GA.....	NH4.. L 0.2	
BR....	GE.....	NI.... 0.02	
CA.... 41.	HCO3.... 205.	NO3.. 5.6	
CA+MG.	HG..... L 0.0005	PB... L 0.02	
CD.... 0.008	H2S.....	P04.. 0.1	
CL.... 7.	I.....	RB... 0.061	ZN... 0.152
CO....	K..... 11.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J.W., AND MILES, M.J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA UNIV., RENO, DESERT RESEARCH INST., CENTER FOR WATER RESOURCES RESEARCH PROF. REPT. 26

RECORD 00562

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074408

NAME OF SAMPLE SOURCE... CALIENTE MINERAL SPRING, CALIENTE HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04S 67E 08 NE LAT/LONG... 37-37.3 N 114-30.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LINCOLN NORTHING... 4166566.
 GEOLOGIC PROVINCE... EASTING.... 720345.
 MAP REFERENCE..... CALIENTE 1:250000, CALIENTE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/04
 TEMPERATURE (C)..... 47.8

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 518.
 TOTAL DISSOLVED SOLIDS... 380.

ANALYSIS IN PPM

AG.... L 0.02	CO3..... N	LI.... 0.18	SB... L 0.1
AL....	CR..... L 0.02	MG.... 6.2	
AS.... 0.0001	CS..... 0.4	MN.... 0.02	SE... L 0.001
AU....	CU..... L 0.02	MO....	SI02. 91.
B.....	F..... 1.4	NA.... 46.	SN... L 0.05
BA.... L 0.04	FE+3....	NA+K.	S04.. 42.
BE.... L 0.005	FE(TOT). L 0.01	NB....	SR... 0.09
BI.... L 0.1	GA.....	NH4.. L 0.2	
BR....	GE.....	NI.... 0.02	
CA.... 43.	HCO3.... 239.	NO3.. 4.8	
CA+MG.	HG..... L 0.0005	PB... L 0.02	
CD.... 0.009	H2S.....	PO4.. 0.2	
CL.... 12.	I.....	RB... 0.054	
CO....	K..... 15.		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J.W. AND MILES, M.J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA UNIV., RENO, DESERT RESEARCH INST.; CENTER WATER RESOURCES RESEARCH PROJ. REPORT 26

RECORD 00563

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074356

NAME OF SAMPLE SOURCE... CALIENTE PUBLIC UTILITY NUMBER 4 WELL, CALIENTE HOT SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	04S 67E 05 SW	LAT/LONG... 37-37.6 N 114-30.8 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... LINCOLN		NORTHING... 4167098.
GEOLOGIC PROVINCE..		EASTING.... 719448.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40.0
 WELL DEPTH (M)..... 40.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F.E. (1964) GROUND-WATER APPRAISAL OF THE MEADOW VALLEY AREA, LINCOLN AND CLARK CO., NEVADA; NEVADA DEPT. CONSERV. AND NAT. RESRS; GROUND-WATER RESOURCES- RECONN. SER. REPT 24

RECORD 00564

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074066

NAME OF SAMPLE SOURCE... CALIENTE HOT SPRINGS: CITY OF CALIENTE NORTH WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	04S 67E 07 NE	LAT/LONG... 37-37.2 N 114-31.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... LINCOLN		NORTHING... 4166342.
GEOLOGIC PROVINCE..		EASTING.... 718879.

MAP REFERENCE..... CALIENTE 1:250000, CALIENTE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.7
 WELL DEPTH (M)..... 40.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 352.

ANALYSIS IN PPM

AG.....	CO3.....	7.			
AL.....	CR.....		MG...	10.	
AU.....	CU.....		MO...		SI02. 84.
BA.....	FE+3.....		NA+K.	70.	S04.. 26.
CA..... 29.	HC03.....	232.			
CL..... 20.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... PHOENIX, D.A. (1948A) GEOLOGY AND GROUND-WATER IN THE MEADOW VALLEY WASH DRAINAGE AREA, NEVADA, ABOVE THE VICINITY OF CALIENTE, WITH STATEMENTS ON CLASSIFICATION OF IRRIGABLE LANDS IN THE PANACA AREA OF MEADOW VALLEY, BY GEORGE HARDMAN AND H.G. FOX, AND QUALITY OF SPRING AND WELL WATERS IN THE MEADOW VALLEY WASH DRAINAGE AREA ABOVE THE VICINITY OF CALIENTE, BY GEORGE HARDMAN AND M.R. MILLER; NEVADA DEPT. CONSERV. AND NAT. RESOURCES, WATER RESOURCES BULL. 7

RECORD 00565

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074635

NAME OF SAMPLE SOURCE... CRYSTAL SPRINGS AREA

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 05S 060E 10
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-31.8 N 115-14.0 W
 UTM ZONE... +11
 NORTHING... 4154931.
 EASTING.... 656104.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.2
 DISCHARGE..... 9000.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00566

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074636

NAME OF SAMPLE SOURCE... CRYSTAL SPRINGS AREA

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 05S 060E 10 SE
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-31.8 N 115-14.0 W
 UTM ZONE... +11
 NORTHING... 4154931.
 EASTING.... 656104.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS CENTER NE/4 SEC 10.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/10
 TEMPERATURE (C)..... 27.8

DISCHARGE..... 4480.

WATER ANALYSIS

PH..... 7.2

ANALYSIS IN PPM

AG....		CO3.....	N				
AL....		CR.....		MG....	22.		
AU....		CU.....		MO....		SI02.	31.
B.....	0.04	F.....	2.9	NA....	24.		
BA....		FE+3....		NA+K.		S04..	34.
CA....	46.	HCO3....	242.	NO3..	0.6		
CL....	9.9						
CO....		K.....	5.5				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 0.72, RSC = 0.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1963B

RECORD 00567

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074637

NAME OF SAMPLE SOURCE... CRYSTAL SPRINGS AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 060E 10 NE
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-31.8 N 115-14.0 W
 UTM ZONE... +11
 NORTHING... 4154931.
 EASTING.... 656104.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS CENTER NE/4 SEC 10.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.8
 DISCHARGE..... 5300.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00568

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074638

NAME OF SAMPLE SOURCE... CRYSTAL SPRINGS AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 05S 060E 10
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-31.8 N 115-14.0 W
 UTM ZONE... +11
 NORTHING... 4154931.
 EASTING.... 656104.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/04/15
 TEMPERATURE (C)..... 27.2

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 484.
 TOTAL DISSOLVED SOLIDS... 295.
ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N			
AL....		CR.....	MG...	23.	
AU....		CU.....	MO...		SI02. 28.
B.....	0.2	F..... 0.5	NA...	23.	
BA....		FE+3....	NA+K.		S04.. 27.
BE....		FE(TOT). N			
CA....	45.	HCO3.... 272.	N03..	1.1	
CL....	8.				
CO....		K..... 5.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, P., 1966

RECORD 00569

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074639

NAME OF SAMPLE SOURCE... CRYSTAL SPRINGS AREA

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 060E 10
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

LAT/LONG... 37-31.8 N 115-14.0 W
 UTM ZONE... +11
 NORTHING... 4154931.
 EASTING... 656104.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/11/16
 TEMPERATURE (C)..... 32.2
 DISCHARGE..... 2680.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 306.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	23.	
AU....		CU.....	MO...		SI02. 26.
B.....		F.....	NA...	19.	
BA....		FE+3....	NA+K.		S04.. 37.
CA....	53.	HCO3.... 261.			
CL....	11.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARDMAN, G., AND MILLER, M., 1934

RECORD 00570

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074640

NAME OF SAMPLE SOURCE... CRYSTAL SPRINGS AREA

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 05S 060E 10 NE
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

LAT/LONG... 37-31.8 N 115-14.0 W
 UTM ZONE... +11
 NORTHING... 4154931.
 EASTING... 656104.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS CENTER NE/4 SEC 10.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/04/15
 TEMPERATURE (C)..... 27.2

WATER ANALYSIS

PH..... 8.0
 TOTAL DISSOLVED SOLIDS... 277.

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....		CR.....		MG...	24.		
AU.....		CU.....		MO...		SI02.	31.
B.....	0.7	F.....	0.6	NA...	23.		
BA.....		FE+3....		NA+K.		S04..	27.
CA.....	45.	HCO3.....	262.	NO3..	1.2		
CL.....	8.2						
CO.....		K.....	5.1				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1963B

RECORD 00571

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074648

NAME OF SAMPLE SOURCE... DELMUE BROS. NORTH WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02S 068E 08 SW
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 37-47.2 N 114-23.5 W
 UTM ZONE... +11
 NORTHING... 4185145.
 EASTING... 729692.

MAP REFERENCE..... CALIENTE 1:250000, BENNETT PASS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/12/04
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 37.
 PERTINENT LITHOLOGY..... CLAY, SANDY CLAY, AND GRAVEL TO BOTTOM.
 OTHER SAMPLE INFORMATION.. CASING PERFORATED 74-90 FT.

WATER ANALYSIS

PH..... 7.8

ANALYSIS IN PPM

AL.....		CR.....		MG...	31.
CA.....	61.	HCO3.....	308.		
CL.....	63.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1964

RECORD 00572

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074660

NAME OF SAMPLE SOURCE... DELMUE'S SPRINGS AR A, TWO SPRINGS.

WARNING NUMBER..... 144A

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 01S 068E 13 NE OF NW SE
 STATE..... NEVADA
 COUNTY..... LINCOLN

COORDINATES

LAT/LONG... 37-51.35 N 114-19.3 W
 UTM ZONE... +11
 NORTHING... 4192996.

GEOLOGIC PROVINCE.. EASTING.... 735637.
 MAP REFERENCE..... CALIENTE 1:250000, CONDOR CANYON 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.1
 DISCHARGE..... 200.
 OTHER SAMPLE INFORMATION.. 2 SPRINGS, WATER USED FOR IRRIGATION.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARDMAN, G. AND MILLER, M., 1934

RECORD 00573

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074658

NAME OF SAMPLE SOURCE... FLATNOSE RANCH AREA

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 01N 069E 34 SE
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-53.9 N 114-13.9 W
 UTM ZONE... +11
 NORTHING... 4197943.
 EASTING.... 743417.

MAP REFERENCE..... CALIENTE 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/12/00
 TEMPERATURE (C)..... 25.
 DISCHARGE..... 400.
 PERTINENT LITHOLOGY..... TERTIARY LAVA.
 OTHER SAMPLE INFORMATION.. BURIED FAULT. WATER USED FOR IRRIGATION.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 247.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	10.		
AU.....	CU.....	MO...		SI02..	20.
BA.....	FE+3.....	NA+K..	42.	S04..	44.
CA..... 30.	HC03..... 162.				
CL..... 20.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... PHOENIX, D. A., 1948

RECORD 00574

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074659

NAME OF SAMPLE SOURCE... FLATNOSE RANCH AREA

WARNING NUMBER..... 144B
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 01N 069E 34
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-53.9 N 114-14.4 W
 UTM ZONE... +11
 NORTHING... 4197922.
 EASTING.... 742684.

MAP REFERENCE..... CALIENTE 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.1

DISCHARGE..... 100.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WARING, G. A., 1965

RECORD 00575

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074656

NAME OF SAMPLE SOURCE... GEYSER RANCH SPRINGS

WARING NUMBER..... 142

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 09N 06SE 13,1,12,23

LAT/LONG... 38-39.5 N 114-37.8 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... LINCOLN

NORTHING... 4281321.

GEOLOGIC PROVINCE..

EASTING... 706224.

MAP REFERENCE..... LUND 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/08/04

TEMPERATURE (C)..... 21.

DISCHARGE..... 4500.

WATER ANALYSIS

PH..... 8.0

SPECIFIC CONDUCTANCE... 181.

TOTAL DISSOLVED SOLIDS... 115.

ANALYSIS IN PPMISOTOPES (0/00)

AG..... CO3..... N

AL..... CR..... MG... 3.4

AU..... CU..... MO... SI02. 13.

B..... N F..... N NA... 3.0

BA..... FE+3..... NA+K. S04.. 5.0

CA..... 30. HCO3..... 103. NO3.. 0.6

CL..... 3.0

CO..... K..... 1.0

OTHER ANALYTICAL DATA... SAR = 0.1, RSC = 0.

QUALIFICATION FIELD... TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 65-70 F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... RUSH, F. E. AND EAKIN, T. E., 1963, AND WARING, G. A., 1965

RECORD 00576

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002145

NAME OF SAMPLE SOURCE... GEYSER RANCH SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 09N 65E 01

LAT/LONG... 38-40.5 N 114-37.4 W

STATE..... NEVADA

COUNTY..... LINCOLN

MAP REFERENCE..... LUND 1:250000

OTHER LOCALITY INFORMATION: 5 MILES EAST OF PATTERSON

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/00/00 CARPENTER, E.

TEMPERATURE (C)..... 18.0

DISCHARGE..... 189. L/MIN
 PERTINENT LITHOLOGY..... FROM VALLEY ALLUVIUM NEAR TERTIARY LAVA.

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.; UNIV. NEV.
 ALKALINITY..... 262. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 132.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	37.	
AU.....	CU.....		MO...		SI02. 11.
BA.....	FE+3.....		NA+K. T		S04.. 11.
BE.....	FE(TOT)...	0.1			
CA..... 44.	HC03.....	124.	N03..	22.	
CL..... 2.0					

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 CARPENTER, E., 1915, USGS WATER SUP. PAPER 365, P. 30

RECORD 00577

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074657

NAME OF SAMPLE SOURCE... HAMMOND RANCH AREA

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	05N 069E 17	LAT/LONG...	38-17.8 N 114-16.4 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	LINCOLN		NORTHING...	4242043.
GEOLOGIC PROVINCE..			EASTING....	738454.

MAP REFERENCE..... LUND 1:250000, TRAIL CANYON 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.9
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS, WATER USED FOR IRRIGATION.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CARPENTER, E. B., 1915, AND WARING, C. A., 1965

RECORD 00578

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074632

NAME OF SAMPLE SOURCE... HIKKO SPRING AREA

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	04S 060E	LAT/LONG...	37-35.85 N 115-12.7 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	LINCOLN		NORTHING...	4162457.
GEOLOGIC PROVINCE..			EASTING....	657876.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/10
 TEMPERATURE (C)..... 26.7
 DISCHARGE..... 2950.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 494.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	23.		
AU....		CU.....	MO...		SI02.	33.
B....	0.1	F.....	NA...	29.		
BA....		FE+3....	NA+K.		S04..	36.
CA....	44.	HC03....	NO3..	1.2		
CL....	11.					
CO....		K.....		7.2		

OTHER ANALYTICAL DATA... SAR = 0.88, RSC = 0.14

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1963B

RECORD 00579

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074633

NAME OF SAMPLE SOURCE... HIKKO SPRING AREA

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	04S 060E 14 NE OF NW SE	LAT/LONG... 37-35.85 N 115-12.7 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	LINCOLN		NORTHING... 4162457.
GEOLOGIC PROVINCE..			EASTING... 657876.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/11/15
 TEMPERATURE (C)..... 32.2
 DISCHARGE..... 5380.

OTHER SAMPLE INFORMATION.. WATER USED FOR DOMESTIC PURPOSES AND IRRIGATION.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 315.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	24.		
AU....		CU.....	MO...		SI02.	35.
BA....		FE+3....	NA+K.	22.	S04..	86.
BE....		FE(TOT). N				
CA....	52.	HC03....	NO3..	0.8		
CL....	11.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CARPENTER, E. B., 1915

RECORD 00580

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074634

NAME OF SAMPLE SOURCE... HIKKO SPRING AREA

WARNING NUMBER..... 147

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	04S 060E 22	LAT/LONG... 37-35.2 N 115-14.1 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	LINCOLN		NORTHING... 4161216.
GEOLOGIC PROVINCE..			EASTING... 655838.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.2
 DISCHARGE..... 4000.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00581

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074651

NAME OF SAMPLE SOURCE... HIKKO SPRING AREA

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 04S 060E 14 NE OF NW SE
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-35.85 N 115-12.7 W
 UTM ZONE... +11
 NORTHING... 4162457.
 EASTING.... 657876.

MAP REFERENCE..... CALIENTE 1:250000, HIKKO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/00/00
 TEMPERATURE (C)..... 26.7
 DISCHARGE..... 2400.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M.D., 1968

RECORD 00582

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0002146

NAME OF SAMPLE SOURCE... HIKO SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 04S 60E 22
 STATE..... NEVADA
 COUNTY..... LINCOLN
 MAP REFERENCE..... HIKO 1:24000, CALIENTE 1:250000

COORDINATES
 LAT/LONG... 37-35.2 N 115-13.8 W

OTHER LOCALITY INFORMATION: 6 MILES NORTH OF HIKO

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/00/00 CARPENTER, E.
 DISCHARGE..... 15141. L/MIN

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.; UNIV. NEV.
 ALKALINITY..... 228. AS CAC03
 TOTAL DISSOLVED SOLIDS... 315.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	24.		
AU.....	CU.....	MO...		SI02.	35.
B.....	F..... 0.8				
BA.....	FE+3.....	NA+K.	22.	S04..	36.
BE.....	FE(TOT). N				
CA..... 52.	HCO3..... 272.				
CL..... 11.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 CARPENTER, E., 1915, USGS, WATER SUP. PAPER 365, P. 30

RECORD 00583

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074646

NAME OF SAMPLE SOURCE... LESTER MATHEWS WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 02S 068E 05 SW
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-48.0 N 114-24.1 W
 UTM ZONE... +11
 NORTHING... 4186600.
 EASTING.... 728770.

MAP REFERENCE..... CALIENTE 1:250000, PANACA 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/00/00
 TEMPERATURE (C)..... 25.6
 WELL DEPTH (M)..... 48.
 PERTINENT LITHOLOGY..... TOP SURFACE - SANDY CLAY, 18 FT. - CLAY, 35 FT. - INTERBEDDED SAND AND CLAY, 125 FT. - SAND AND GRAVEL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1964

RECORD 00584

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074405

NAME OF SAMPLE SOURCE... LITTLE ASH SPRING, ALAMO SPRINGS, ASH SPRINGS

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 05S 60E 36 SE
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-28.1 N 115-11.9 W
 UTM ZONE... +11
 NORTHING... 4148148.
 EASTING.... 659327.

MAP REFERENCE..... CALIENTE 1:250000, ASH SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/04
 TEMPERATURE (C)..... 36.1
 DISCHARGE..... 34068. L/MIN

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 497.
 TOTAL DISSOLVED SOLIDS... 332.

ANALYSIS IN PPM

AG.... L 0.02	CO3..... N	LI.... 0.061	SB.... L 0.1
AL....	CR..... L 0.02	MG.... 14.	
AS.... 0.0024	CS..... 0.4	MN.... 0.01	SE.... L 0.001
AU....	CU..... L 0.02	MO....	SI02.. 29.
B.....	F..... 8.7	NA.... 31.	SN.... L 0.05
BA.... 0.32	FE+3....	NA+K..	S04... 34.
BE.... L 0.005	FE(TOT).. 0.01	NB....	SR.... 0.32
BI.... L 0.1	GA.....	NH4... L 0.2	

ISOTOPES (0/00)

BR....		GE.....		NI...	0.02		
CA....	56.	HCO3....	266.	NO3..	0.7		
CA+MG.		HG.....	0.0005	PB... L	0.02		
CD....	0.005	H2S.....		PO4.. L	0.1		
CL....	21.	I.....		RB... 0.030		ZN... 2.0	
CO....		K.....	5.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J.W. AND MILES, M.J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS; NEVADA UNIV. RENO; DESERT RESEARCH INST.; CENTER WATER RESOURCES RESEARCH PROJ. 26

RECORD 00585

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074650

NAME OF SAMPLE SOURCE... N. J. GUNDERSON WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03S 055E 19 SE OF SE
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-40.15 N115-49.7 W
 UTM ZONE... +11
 NORTHING... 4169550.
 EASTING... 603334.

MAP REFERENCE..... CALIENTE 1:250000, WHITE BLOTCH SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/00/00
 TEMPERATURE (C)..... 28.3
 WELL DEPTH (M)..... 73.
 PERTINENT LITHOLOGY..... ON ALLUVIUM BEDROCK CONTACT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A. S., AND RUSH, F. E., 1974

RECORD 00586

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074647

NAME OF SAMPLE SOURCE... PANACA LDS CHURCH WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02S 068E 07 NE
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-47.6 N 114-24.7 W
 UTM ZONE... +11
 NORTHING... 4185836.
 EASTING... 727910.

MAP REFERENCE..... CALIENTE 1:250000, BENNETT PASS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/12/00
 TEMPERATURE (C)..... 23.3
 WELL DEPTH (M)..... 41.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., 1964

RECORD 00587

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0002147

NAME OF SAMPLE SOURCE... PANACA WARM SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 02S 68E 04
 COUNTY..... LINCOLN
 MAP REFERENCE..... PANACA 1:24000, CALIENTE 1:250000

COORDINATES
 LAT/LONG... 37-48. N 114-22.8 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... CARPENTER, E.
 TEMPERATURE (C)..... 29.0
 DISCHARGE..... 9463. L/MIN

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.; UNIV. NEV.
 ALKALINITY..... 194. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 283.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	23.		
AU....	CU.....	MO...		SI02..	46.
BA....	FE+3....	NA+K..	21.	S04..	27.
BE....	FE(TOT)..		0.3		
CA....	40. HCO3....		178.	NO3..	N
CL....	18.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00588

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074643

NAME OF SAMPLE SOURCE... PANACA WARM SPRINGS AREA
 WARING NUMBER..... 145
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 02S 068E 04
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-48.5 N 114-22.8 W
 UTM ZONE... +11
 NORTHING... 4187578.
 EASTING... 730652.

MAP REFERENCE..... CALIENTE 1:250000, PANACA 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS N/2 OF SEC 4.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/04/15
 TEMPERATURE (C)..... Q 31.
 DISCHARGE..... 4880.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 401.
 TOTAL DISSOLVED SOLIDS... 271.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG...	9.8		
AU....	CU.....	MO...		SI02..	51.
B....	0.1 F.....	NA...	38.	S04..	29.
BA....	FE+3....	NA+K..			
BE....	FE(TOT)..		N		
CA....	31. HCO3....		189.	NO3..	2.6
CL....	15.				
CO....	K.....		6.8		

QUALIFICATION FIELD..... TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 85-88 F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E, 1964 AND WARING, G. A., 1965

RECORD 00589

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074644

NAME OF SAMPLE SOURCE... PANACA WARM SPRINGS AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02S 068E 04
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 37-48.5 N 114-22.8 W
 UTM ZONE... +11
 NORTHING... 4187578.
 EASTING... 730652.

MAP REFERENCE..... CALIENTE 1:250000, PANACA 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS CENTER N/2 SEC 4.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.6
 DISCHARGE..... 3600.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 273.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3.....	34.			
AL....	CR.....		MG...	15.	
AU....	CU.....		MO...		SI02. 40.
BA....	FE+3....		NA+K.	21.	S04.. 31.
CA.... 54.	HC03....	149.			
CL.... 25.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... PHOENIX, D. A., 1948

RECORD 00590

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074645

NAME OF SAMPLE SOURCE... PANACA WARM SPRINGS AREA, OWL SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 02S 068E 04
 STATE..... NEVADA
 COUNTY..... LINCOLN
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 37-48.5 N 114-22.8 W
 UTM ZONE... +11
 NORTHING... 4187578.
 EASTING... 730652.

MAP REFERENCE..... CALIENTE 1:250000, PANACA 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS CENTER N/2 SEC 4.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/10/05
 TEMPERATURE (C)..... Q 32.
 DISCHARGE..... 1800.
 PERTINENT LITHOLOGY..... ISSUES FROM CARBONATE ROCK.
 OTHER SAMPLE INFORMATION.. BURIED FAULT, SEVERAL SPRINGS.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 283.

ISOTOPES (0/00)

ANALYSIS IN PPM (NA+K AND CA+MG IN EPM)

AG....	CO3.....	N			
AL....	CR.....		MG...	23.	

AU.....	CU.....	MO...	SI02..	46.	
BA.....	FE+3....	NA+K..	S04..	27.	
BE.....	FE(TOT)..	NB....	SR...		TRITIUM (T.U.)..... L 8.
CA..... 40.	HCO3.....	N03.. N			
CL..... 18.					

OTHER ANALYTICAL DATA... CL +S04 = 1.91 EPM.
 QUALIFICATION FIELD..... TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 85-89 F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CARPENTER, E. B., 1915 AND MIFFLIN, M. D., 1968

RECORD 00591

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074649

NAME OF SAMPLE SOURCE... SAND SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	02S 05SE	26 NE OF SE SE	LAT/LONG...	37-44.4 N 115-45.1 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	LINCOLN			NORTHING...	4177497.
GEOLOGIC PROVINCE..				EASTING....	609991.

MAP REFERENCE..... CALIENTE 1:250000, WHITE BLOTCH SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/10/05
 TEMPERATURE (C)..... 30.
 DISCHARGE..... 0.2

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 609.

ANALYSIS IN MG/LISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	22.	
BA.....	FE+3....		NA+K..	67.	S04.. 25.
CA..... 36.	HCO3.....	357.			
CL..... 5.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A. S., AND RUSH, F. E., 1974

RECORD 00592

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074383

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	16N 21E	12 SW OF NE	LAT/LONG...	39-15.9 N 119-34.4 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	LYON			NORTHING...	4349133.
GEOLOGIC PROVINCE..				EASTING....	277983.

MAP REFERENCE..... RENO 1:250000, FLOWERY PEAK 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/11
 TEMPERATURE (C)..... 35.0
 WELL DEPTH (M)..... 81.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 1280.
 ANALYSIS IN PPM
 AG..... CO3..... N
 AL..... CR..... MG... N
 BA..... FE+3..... NA+K. 170. S04.. 570.
 CA..... 120. HCO3..... 49.
 CL..... 30.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A., AND KATZER, T. L., 1975, NEVADA DEPT. CONSERVATION AND NATURAL RESOURCES,
 WATER RESOURCES - RECONNAISSANCE SERVICE REPT. 59

RECORD 00593

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074602

NAME OF SAMPLE SOURCE... AMBASSADOR WELL, ARTESIA LAKE AREA
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13N 023E 25 NW OF SW
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WALKER LAKE 1:250000, WELLINGTON 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

COORDINATES

LAT/LONG... 38-57.4 N 119-21.7 W
 UTM ZONE... +11
 NORTHING... 4314413.
 EASTING... 295357.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/06/13
 TEMPERATURE (C)..... 27.8
 WELL DEPTH (M)..... 165.
 DISCHARGE..... 400.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 307.
 ANALYSIS IN PPM
 AG..... CO3..... N
 AU..... CU..... MO... SI02. 86.
 BA..... FE+3..... NA+K. 71. S04.. 22.
 CA..... HCO3..... 162. NO3.. 0.2
 CL..... 7.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O. J., AND AKIN, T. E., 1953

RECORD 00594

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074631

NAME OF SAMPLE SOURCE... AMBASSADOR WELL, ARTESIA LAKE AREA
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13N 023E 25 NW OF SW
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WALKER LAKE 1:250000, WELLINGTON 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

COORDINATES

LAT/LONG... 38-57.4 N 119-21.7 W
 UTM ZONE... +11
 NORTHING... 4314413.
 EASTING... 295357.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/04/06

TEMPERATURE (C)..... 27.8
 WELL DEPTH (M)..... 165.
 PERTINENT LITHOLOGY..... WELL MAY PENETRATE VOLCANIC ROCKS AT DEPTH.

WATER ANALYSIS

PH..... 8.5
 SPECIFIC CONDUCTANCE..... 305.

ANALYSIS IN PPM(U IN MG/L)

ISOTOPES (0/00)

AG.....	C03.....	4.	MG...	0.2		
AL..... N	CR.....		MN... N			
AS.....	CS.....		MO...		SI02..	36.
AU.....	CU.....		NA...	69.	S04..	23.
B.....	F.....	1.0	NA+K.			
BA.....	FE+3.....					
BE.....	FE(TOT)..	0.03				
CA..... 2.0	HCO3.....	146.	N03..	0.2	U....	0.0005
CD.....	H2S..... T		P04..	0.6		
CL..... 6.2						
CO.....	K.....	3.4				

OTHER ANALYTICAL DATA... RA = 2.5 MICROGRAMS/LITER.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SCOTT, R. C. AND BARKER, F. B., 1962

RECORD 00595

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074612

NAME OF SAMPLE SOURCE... ARTESIA LAKE AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	13N 023E	27 SE OF SE	LAT/LONG...	38-57.35	N119-21.1 W
STATE.....	NEVADA			UTM ZONE...	+11	
COUNTY.....	LYON			NORTHING...	4314298.	
GEOLOGIC PROVINCE..				EASTING....	296221.	

MAP REFERENCE..... WALKER LAKE 1:250000, WELLINGTON 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/05/24
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 52.
 DISCHARGE..... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O. J., AND FAKIN, T. E., 1953

RECORD 00596

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074613

NAME OF SAMPLE SOURCE... ARTESIA LAKE AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	13N 023E	27 SE OF SE	LAT/LONG...	38-57.35 N	119-23.1 W
STATE.....	NEVADA			UTM ZONE...	+11	
COUNTY.....	LYON			NORTHING...	4314373.	
GEOLOGIC PROVINCE..				EASTING....	293332.	

MAP REFERENCE..... WALKER LAKE 1:250000, WELLINGTON 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/05/24
 TEMPERATURE (C)..... 24.4
 WELL DEPTH (M)..... 47.
 DISCHARGE..... 26.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O. J., AND EAKIN, T. E., 1953

RECORD 00597

GEO THERM FILE ID: 0074614GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ARTESIA LAKE AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13N 023E 27 SW OF SE
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-57.35 N 119-23.1 W
 UTM ZONE... +11
 NORTHING... 4314373.
 EASTING... 293332.

MAP REFERENCE..... WALKER LAKE 1:250000, WELLINGTON 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/05/24
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 70.
 DISCHARGE..... 12.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O. J., AND EAKIN, T. E., 1953

RECORD 00598

GEO THERM FILE ID: 0074615GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ARTESIA LAKE AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12N 023E 10 SW OF NW
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-55.25 N 119-23.8 W
 UTM ZONE... +11
 NORTHING... 4310515.
 EASTING... 292219.

MAP REFERENCE..... WALKER LAKE 1:250000, WELLINGTON 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1948/10/21
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 18.
 DISCHARGE..... 0.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O. J., AND EAKIN, T. E., 1953

RECORD 00599

GEO THERM FILE ID: 0074000GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HAZEN (PATUA) HOT SPRINGS, MAGMA POWER CO. HAZEN NO. 1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, TWO TIPS 1:62500

TOWNSHIP-RANGE
 20N 26E 18

COORDINATES

LAT/LONG... 39-36.1 N 119-06.5 W
 UTM ZONE... +11
 NORTHING... 4385462.
 EASTING.... 318980.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 132.2
 WELL DEPTH (M)..... 229.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... KOENIG, J. B. (1970) GEOTHERMAL EXPLORATION IN THE WESTERN UNITED STATES; GEOTHERMICS, SPEC. ISSUE 2, V.2, PT.1, P.1-13

RECORD 00600

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074380

NAME OF SAMPLE SOURCE... HAZEN AREA (PATUA HOT SPRINGS)

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, TWO TIPS 1:62500

TOWNSHIP-RANGE
 20N 26E 18 SW

COORDINATES

LAT/LONG... 39-35.8 N 119-06.2 W
 UTM ZONE... +11
 NORTHING... 4384897.
 EASTING.... 319396.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 86.1

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 3530.

ANALYSIS IN PPM

AG.....		CO3.....		LI... 1.6	SB... 150.
AL..... 0.004		CR.....		MG... 1.5	SC... 400.
AS.....		CS..... 0.2		MN... 0.06	
AU.....		CU..... 0.01		MO... 620.	
B..... 5.6		F..... 4.2		NA... 400.	
BA.....		FE+3.....		NA+K.	
BE.....		FE(TOT). 0.02			
CA..... 70.		HC03..... 100.			
CA+MG.		HG..... 0.0001			
CL..... 820.		I.....	RB... 0.25		
CO.....		K..... 38.			

ISOTOPES (0/00)

DEL D OF WATER..... -121.5
 DEL O(18) OF WATER... -13.30

GAS ANALYSIS

ANALYSIS IN VOLUME %

CH4.. 2.
 C2H6.
 CO2.. 6.
 N2... 81.

ISOTOPES (00/0)

OTHER ANALYTICAL DATA... O2 + AR = 11.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MARINER, R. H., PRESSER, T. S., RAPP, J. B., AND WILEY, L. M., 1975, MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON, USGS OPEN-FILE REPORT

RECORD 00601

GEOTHERM FILE ID: 0074404

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HIND'S (NEVADA) HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12N 23E 21 NW
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-53.7 N 119-24.9 W
 UTM ZONE... +11
 NORTHING... 4307689.
 EASTING.... 290554.

MAP REFERENCE..... WALKER LAKE 1:250000, WELLINGTON 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED CATION ACCURATE TO WITHIN 0.55 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 62.2
 DISCHARGE..... 2082. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 495.

ANALYSIS IN PPM

AG.....		CO3.....	28.				
AU.....		CU.....		MO...	SI02.	61.	
B.....	0.04	F.....	2.7				
BA.....		FE+3.....		NA+K.	103.	S04..	145.
CA.....		HCO3.....	N	NO3..	N		
CL.....	18.						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O.J. AND EAKIN, T.E. (1953) GEOLOGY AND WATER RESOURCES OF SMITH VALLEY, LYON AND DOUGLAS CO, NEVADA; USGS WATER SUPPLY PAPER 1228

RECORD 00602

GEOTHERM FILE ID: 0000659

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEVADA HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12N 23E 16 SE
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-53.97 N 119-24.70 W
 UTM ZONE... +11
 NORTHING... 4308181.
 EASTING.... 290856.

MAP REFERENCE..... WALKER LAKE 1:250000, WELLINGTON 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 61.0
 DISCHARGE..... 200. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION.... CaCO3 APRON DEPOSITED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 8.7
 SPECIFIC CONDUCTANCE..... 509.
 ALKALINITY..... 68. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....		LI...	0.08	SB...	
AL.....	0.024	CR.....		MG...	0.01	SC...	
AS.....		CS.....	L 0.1	MN...	L 0.02		
AU.....		CU.....	L 0.01	MO...		SI02.	52.

ISOTOPES (0/00)

DEL D OF WATER..... -123.2
 DEL O(18) OF WATER... -16.01

B..... 0.19 F..... 3.1 NA... 102.
 BA..... FE+3..... NA+K. S04.. 169.
 BE..... FE(TOT). 0.06 NB... SR... 0.2
 CA..... 4.5
 CA+MG. HG..... 0.0003
 CD..... H2S..... P04.. 0.06
 CL..... 17. I..... RB... 0.02
 CO..... K..... 2.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE
 MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00603

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074373

NAME OF SAMPLE SOURCE... NONE GIVEN
 WARING NUMBER..... 109

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07N 27E 04 SW OF SE LAT/LONG... 38-29.5 N 118-57.9 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LYON NORTHING... 4261991.
 GEOLOGIC PROVINCE.. EASTING.... 328624.

MAP REFERENCE..... WALKER LAKE 1:250000, AURORA 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 43.3
 OTHER ANALYTICAL DATA... U = 2000. (RADIOMETRIC ANALYSIS)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DAVIS, H. C., 1954, SUMMARY REPORT OF RECONNAISSANCE AND EXPLORATION FOR URANIUM DEPOSITS
 IN NORTHERN NEVADA (REV); US ATOMIC ENERGY COMM RME-2013, PT.1,
 WARING, G. A., THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD; USGS PROF. PAPER 492, NO.
 109

RECORD 00604

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074626

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 02E 07 NW OF SE NW LAT/LONG... 39-16.1 N 119-33.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... LYON NORTHING... 4349470.
 GEOLOGIC PROVINCE.. EASTING.... 279144.

MAP REFERENCE..... RENO 1:250000, FLOWERY PEAK 1:24000, VIRGINIA CITY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/10/06
 TEMPERATURE (C)..... 26.7
 WELL DEPTH (M)..... 31.

WATER ANALYSIS

PH..... 7.7
 TOTAL DISSOLVED SOLIDS... 583.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	1.		
BA....	FE+3....	NA+K.	42.	S04..	192.
BE....	FE(TOT)..		0.13		
CA....	102. HCO3....		149.	NO3..	N
CL....	21.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A. AND KATZER, T. L., 1975

RECORD 00605

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074624

NAME OF SAMPLE SOURCE... SUTRO TUNNEL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	16N 021E 02 NE OF NE SE	LAT/LONG...	39-16.5 N 119-35.1 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	LYON		NORTHING...	4350271.
GEOLOGIC PROVINCE..			EASTING....	277008.
MAP REFERENCE.....	RENO 1:250000, VIRGINIA CITY 1:62500, FLOWERY PEAK 1:24000			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/06/01
 TEMPERATURE (C)..... 28.3
 DISCHARGE..... Q 189.
 OTHER SAMPLE INFORMATION.. WATER DRAINS FROM THE COMSTOCK MINING DISTRICT, STOREY COUNTY.
 QUALIFICATION FIELD..... FLOW LISTED IS A MAXIMUM - GIVEN AS 25-50 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A. AND KATZER, T. L., 1975

RECORD 00606

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074625

NAME OF SAMPLE SOURCE... SUTRO TUNNEL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	16N 021E 02 NE OF NE SE	LAT/LONG...	39-16.5 N 119-35.1 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	LYON		NORTHING...	4350271.
GEOLOGIC PROVINCE..			EASTING....	277008.
MAP REFERENCE.....	RENO 1:250000, VIRGINIA CITY 1:62500, FLOWERY PEAK 1:24000			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/04/16
 TEMPERATURE (C)..... 27.2

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1650.
 TOTAL DISSOLVED SOLIDS... 1320.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	53.		
AS....	CS.....	MN...	1.2		

AU.....		CU.....		MO...		SI02..	34.
B.....	0.03	F.....	0.6	NA...	67.	S04..	732.
BA.....		FE+3....		NA+K.			
BE.....		FE(TOT)..	3.3				
CA.....	267.	HCO3.....	312.	N03..	N		
CD.....		H2S.....		P04..	N		
CL.....	8.2						
CO.....		K.....	4.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GLANCY, P. A. AND KATZER, T. L., 1975

RECORD 00607

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074370

NAME OF SAMPLE SOURCE... U.S. STEEL CORP. HINDS NUMBER 1 WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12N 23E 16 SW OF SE
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-53.9 N 119-24.7 W
 UTM ZONE... +11
 NORTHING... 4308052.
 EASTING... 290852.

MAP REFERENCE..... WALKER LAKE 1:250000, WELLINGTON 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GARSIDE, L. J., SCHILLING, J. H. (IN PREP.) INVENTORY OF THERMAL WATERS OF NEVADA: NEVADA BUREAU OF MINES AND GEOLOGY, BULL. 91 APPENDIX 2

RECORD 00608

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000792

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR FERNLEY

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 20N 26E 18 SW
 STATE..... NEVADA
 COUNTY..... LYON
 MAP REFERENCE..... RENO 1:250000, TWO TIPS 1:62500

COORDINATES
 LAT/LONG... 39-36.0 N 119-07.0 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 BARNES GROUP
 TEMPERATURE (C)..... 86.
 WATER TREATMENT..... PRESSURE-FILTERED THROUGH A .45 MICROMETRE MEMBRANE, PORTION ACIDIFIED, DILUTED.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

ANALYSIS IN MG/L

AG.....		CO3.....		LI...		SB...	
AL.....	0.004	CR.....		MG...		SC...	
AS.....		CS.....	0.2	MN...	0.06		
AU.....		CU.....	0.01				
BE.....		FE(TOT)..	0.02				
CA+MG.		HG.....	0.001				
CL.....		I.....		RB...	0.23		

ISOTOPES (0/00)

DEL D OF WATER..... -121.5
 DEL O(18) OF WATER... -13.30

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ISOTOPES (00/0)

ANALYSIS IN VOLUME %

CH4.. 2.
C2H6.. N2... 81.
CO2.. 6.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00609

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002148

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 14N 023E 25
STATE..... NEVADA
COUNTY..... LYON
MAP REFERENCE..... COMO 1:62500, RENO 1:250000

COORDINATES
LAT/LONG... 39-03.0 N 119-22.0 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/04/06
TEMPERATURE (C)..... 27.7
WELL DEPTH (M)..... 165.
DISCHARGE..... 1533. L/MIN
PERTINENT LITHOLOGY..... QAL

WATER ANALYSIS

PH..... 8.5
SPECIFIC CONDUCTANCE..... 305.
ALKALINITY..... 6. AS CaCO3
TOTAL DISSOLVED SOLIDS... 244.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... 4.
AL..... N CR..... MG... 0.2
AS..... CS..... MN... N
AU..... CU..... MO... SI02. 36.
B..... F..... 1.0 NA... 69.
BA..... FE+3..... NA+K. S04.. 23.
BE..... FE(TOT). 0.03
CA..... 2.0 HC03..... 146. NO3.. 0.2 U.... 0.0005
CD..... H2S..... PO4.. 0.6
CL..... 6.2
CO..... K..... 3.4

OTHER ANALYTICAL DATA... RA UUC/L 2.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
SCOTT AND BARKER, 1962, PP. 426

RECORD 00610

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074627

NAME OF SAMPLE SOURCE... WABUSKA AREA

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 025E 14 NW OF NE

COORDINATES
LAT/LONG... 39-10.3 N 119-08.9 W

STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, WABUSKA 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

UTM_ZONE... +11
 NORTHING... 4337817.
 EASTING... 314409.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/02/17
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 44.
 DISCHARGE..... 25.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1480.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG...	1.6		
BA.....	FE+3.....	NA+K.	273.	S04..	552.
CA..... 39.	HC03..... 72.				
CL..... 45.					

OTHER ANALYTICAL DATA... SAR = 12, RSC = 0.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HUXEL, C. J., 1969

RECORD 00611

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074628

NAME OF SAMPLE SOURCE... WABUSKA AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	15N 025E	21 NE OF SW	LAT/LONG... 39-08.7 N 119-11.6 W
STATE..... NEVADA			UTM_ZONE... +11
COUNTY..... LYON			NORTHING... 4334950.
GEOLOGIC PROVINCE..			EASTING... 310449.
MAP REFERENCE..... RENO 1:250000, WABUSKA 1:62500			

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/02/16
 TEMPERATURE (C)..... 28.9
 WELL DEPTH (M)..... 122.
 DISCHARGE..... 200.

WATER ANALYSIS

PH..... 8.6
 SPECIFIC CONDUCTANCE..... 560.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3..... 8.				
AL.....	CR.....	MG...	0.6		
BA.....	FE+3.....	NA+K.	124.	S04..	80.
CA..... 4.6	HC03..... 187.				
CL..... 24.					

OTHER ANALYTICAL DATA... RSC = 3.05, SAR = 14.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HUXEL, C. J., 1969

RECORD 00612

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074629

NAME OF SAMPLE SOURCE... WABUSKA AREA

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	15N 02E 28 SE OF NE	LAT/LONG... 39-08.2 N 119-10.9 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	LYON		NORTHING... 4334001.
GEOLOGIC PROVINCE..			EASTING... 311435.
MAP REFERENCE.....	RENO 1:250000, WABUSKA 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/00/00
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 305.
 DISCHARGE..... 15.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 652.

ANALYSIS IN PPMISOTOPES (0/00)

AL.....	CR.....	MG...	1.7		
BA.....	FE+3.....	NA+K.	129.	S04..	128.
CA..... 7.2	HCO3..... 159.				
CL..... 29.					

OTHER ANALYTICAL DATA... SAR = 11, RSC = 2.11

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HUXEL, C. J., 1969

RECORD 00613

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074630

NAME OF SAMPLE SOURCE... WABUSKA AREA

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	14N 02E 01 NE OF NE NW	LAT/LONG... 39-06.7 N 119-08.1 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	LYON		NORTHING... 4331130.
GEOLOGIC PROVINCE..			EASTING... 315404.
MAP REFERENCE.....	RENO 1:250000, WABUSKA 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/08/02
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 111.

WATER ANALYSIS

PH..... 7.9
 TOTAL DISSOLVED SOLIDS... 333.

ANALYSIS IN PPMISOTOPES (0/00)

AL.....	CR.....	MG...	1.		
BA.....	FE+3.....	NA+K.	91.	S04..	110.
BE.....	FE(TOT). 0.05				
CA..... 5.	HCO3..... 84.				
CL..... 23.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00614

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002149

NAME OF SAMPLE SOURCE... WABUSKA HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 25E 16 SE OF SE
 STATE..... NEVADA
 COUNTY..... LYON
 MAP REFERENCE..... WABUSKA 1:62500
 OTHER LOCALITY INFORMATION: NORTH OF WABUSKA, NEV.

COORDINATES
 LAT/LONG... 39-09.6 N 119-11.0 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/10/15 FETH, J. H.
 POINT OF COLLECTION.. SPRAY BELOW JET FROM VALVE
 TEMPERATURE (C)..... 97.2
 OTHER SAMPLE INFORMATION.. NOT AS SURGING AS WABUSKA NE BUT STRONG JET, LARGELY WATER, 15 - 18 FT. FROM VALVE.
 SALTGRASS ON MOUND WHERE WELL WAS DRILLED.

WATER ANALYSIS

DATE/ANALYST..... 1960/01/12 ROGERS, S. M.
 PH..... 8.3
 SPECIFIC CONDUCTANCE..... 1580.
 ALKALINITY..... 98. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1150.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3.....	2.	LI... ..	0.26		
AL.....	0.43	CR.....		MG... ..	N		
AS.....		CS.....		MN... ..	N		
AU.....		CU.....		MO... ..		SI02..	99.
B.....	0.98	F.....	7.7	NA... ..	291.	S04..	596.
BA.....		FE+3.....		NA+K..		SR... ..	2.3
BE.....		FE(TOT)..	0.02	NH4... ..	N		
BI.....		GA.....		NO3... ..	N		
CA.....	39.	HCO3.....	68.	PO4... ..	0.09		
CD.....		H2S.....	0.1				
CL.....	46.						
CO.....		K.....	12.				

OTHER ANALYTICAL DATA... STRONG FLOC WITH ZN ACETATE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00615

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002151

NAME OF SAMPLE SOURCE... WABUSKA HOT SPRINGS - NEAR WABUSKA WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 25E 15 NW OF SW
 STATE..... NEVADA
 COUNTY..... LYON
 MAP REFERENCE..... WABUSKA 1:62500, RENO 1:250000
 OTHER LOCALITY INFORMATION: 2 MILES NORTH OF WABUSKA, NEV.

COORDINATES
 LAT/LONG... 39-09.6 N 119-11.0 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/10/15 FETH, J.
 TEMPERATURE (C)..... 20.0
 OTHER SAMPLE INFORMATION.. PIT IS DEEPER THAN 4 FT. WATER IS BROWNISH AND TEST IS NOT GOOD

WATER ANALYSIS

DATE/ANALYST..... 1960/01/14 ROGERS, S. M.
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 2760.
 ALKALINITY..... 207. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 2160.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3..... N	LI... 0.53		
AL..... 0.24		CR.....	MG... 1.2		
AS.....		CS.....	MN... N		
AU.....		CU.....	MO... 554.	SI02. 128.	
B..... 1.8		F..... N	NA... 554.	S04.. 1180.	
BA.....		FE+3.....	NA+K.		
BE.....		FE(TOT). 0.08	NH4.. 0.32		
BI.....		GA.....	NO3.. N		
CA..... 81.		HCO3..... 146.	P04.. 0.17		
CD.....		H2S.....			
CO.....		K..... 22.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00616

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074009

NAME OF SAMPLE SOURCE... WABUSKA HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15N 25E
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, WABUSKA 1:62500

LAT/LONG... 39-09.7 N 119-09.8 W
 UTM ZONE... +11
 NORTHING... 4336738.
 EASTING... 313086.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 72.2
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS. DIGITIZED LOCATION IS CENTER OF COMMON BORDER BETWEEN SECTIONS 14 AND 15. LOCATION GIVEN AS SECTIONS 11, 14, 15, 16, 23. TEMP. LISTED IS A MAXIMUM - GIVEN AS 138-162 F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD, USGS PROF. PAPER 492, NO. 62)

RECORD 00617

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074382

NAME OF SAMPLE SOURCE... WABUSKA HOT SPRINGS - MAGMA POWER CO. WABUSKA NO.3 WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 15N 25E 15 NW OF SW
 STATE..... NEVADA
 COUNTY..... LYON
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, WABUSKA 1:62500

LAT/LONG... 39-09.7 N 119-10.6 W
 UTM ZONE... +11
 NORTHING... 4336765.
 EASTING... 311934.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/10/15 FETH, J.
 POINT OF COLLECTION.. TOP OF CSG, USED BEAKER WIRED TO ROD TO REACH
 TEMPERATURE (C)..... 87.
 WELL DEPTH (M)..... 67.
 DISCHARGE..... 95.
 OTHER SAMPLE INFORMATION.. FLOWING

WATER ANALYSIS

DATE/ANALYST..... 1960/01/14 ROGERS, S. M.
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1490.
 ALKALINITY..... 128. AS CAC03
 TOTAL DISSOLVED SOLIDS... 1090.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		C03.....	N	LI...	0.25		
AL.....	0.41	CR.....		MG...	8.7		
AS.....		CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	100.
B.....	7.0	F.....	7.6	NA...	276.	S04..	566.
BA.....		FE+3....		NA+K.			
BE.....		FE(TOT)..	0.01				
BI.....		GA.....		NH4..	0.08		
CA.....	37.	HCO3....	80.	NO3..	N		
CD.....		H2S.....		P04..	0.07		
CL.....	45.						
CO.....		K.....	12.				

OTHER ANALYTICAL DATA... SAR =11, RSC = 0

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HUXEL, C.J., 1969, GROUND WATER IN MASON VALLEY, LYON COUNTY, NEVADA; NEV. DEPT.
 CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES BULL. 38; PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00618

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074389

NAME OF SAMPLE SOURCE... WABUSKA HOT SPRINGS - MAGMA POWER CO. NO. CB 1 WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	15N 25E	15 NW OF SW	LAT/LONG...	39-09.7	N 119-10.6	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	LYON			NORTHING...	4336765.		
GEOLOGIC PROVINCE..				EASTING....	311934.		
MAP REFERENCE.....	RENO 1:250000, WABUSKA 1:62500						

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/10/15 FETH, J.
 POINT OF COLLECTION.. SPRAY FROM DISCHARGE JET INTO POLYETHYLENE BUCKET
 TEMPERATURE (C)..... 97.2
 WELL DEPTH (M)..... 149.
 DISCHARGE..... 1514. L/MIN
 OTHER SAMPLE INFORMATION.. DEPTH 490 FT. DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES - 1/8 MILE NE OF WELL CB
 2; SAR=13; RSC=0

WATER ANALYSIS

DATE/ANALYST..... 1960/01/14 ROGERS, S. M.
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 1630.
 ALKALINITY..... 105. AS CAC03

TOTAL DISSOLVED SOLIDS... 1210.

ANALYSIS IN PPM

AG.....		C03.....	12.	LI...	0.32		
AL.....	N	CR.....		MG...	1.0		
AS.....		CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	109.
B.....	1.0	F.....	8.2	NA...	313.	S04..	642.
BA.....		FE+3....		NA+K.			
BE.....		FE(TOT)..	0.06				
BI.....		GA.....		NH4..	N		
CA.....	40.	HCO3....	52.	NO3..	N		
CD.....		H2S.....		P04..	0.14		
CL.....	49.						
CO.....		K.....	13.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 13, RSC = 0

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HUXEL, C.J., 1969, GROUND WATER IN MASON VALLEY, LYON-COUNTY, NEVADA; NEV. DEPT.
 CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES BULL. 38; PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00619

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000607

NAME OF SAMPLE SOURCE... WABUSKA HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	15N 25E	16 SE	LAT/LONG...	39-09.69 N 119-10.96 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	LYON			NORTHING...	4336759.
GEOLOGIC PROVINCE..				EASTING....	311415.
MAP REFERENCE.....	WABUSKA 1:62500, RENO 1:250000				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 SAMPLE NUMBER..... 1
 TEMPERATURE (C)..... Q 97.
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 PERTINENT LITHOLOGY..... ALLUVIUM AND BASALT AND ANDESITE METAVOLCANICS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 1550.
 ALKALINITY..... 70. AS HCO3

ANALYSIS IN MG/L

AG.....		C03.....		LI...		SB...	
AL.....		CR.....		MG...	0.2	SC...	
AU.....		CU.....		MO...		SI02.	115.
B.....		F.....		NA...	277.	S04..	580.
BA.....		FE+3....		NA+K.			
CA.....	38.						
CL.....	46.						
CO.....		K.....	15.				

ISOTOPES (0/00)

DEL D OF WATER..... -131.5
 DEL O(18) OF WATER... -16.01

QUALIFICATION FIELD..... BOILING SPRING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL

RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00620

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000791

NAME OF SAMPLE SOURCE... WABUSKA HOT SPRINGS
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 25E 16 SE
STATE..... NEVADA
COUNTY..... LYON
GEOLOGIC PROVINCE..
MAP REFERENCE..... WABUSKA 1:62500, RENO 1:250000

COORDINATES

LAT/LONG... 39-09.6 N 119-11.0 W
UTM ZONE... +11
NORTHING... 4336594.
EASTING... 311354.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.

SAMPLE NUMBER..... 2

TEMPERATURE (C)..... 97.0

WATER TREATMENT..... PRESSURE-FILTERED THROUGH A .1 MICROMETRE MEMBRANE, PORTION ACIDIFIED, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	SB...
AL..... 0.017	CR.....	MG...	SC...
AS.....	CS..... L 0.1	MN... L 0.02	
AU.....	CU..... L 0.01		
BE.....	FE(TOT). L 0.02		
CA+MG.	HG..... L 0.0001		
CL.....	I.....	RB... 0.09	

ISOTOPES (0/00)

DEL D OF WATER..... -129.7
DEL O(18) OF WATER... -15.38

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, RAPP, WILEY, PRESSER, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
RESERVOIR TEMPERATURES OF THE PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA, MARINER, PRESSER, RAPP,
WILEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND
OREGON.

RECORD 00621

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074011

NAME OF SAMPLE SOURCE... WABUSKA HOT SPRINGS- MAGMA POWER CO. WABUSKA NO. 3

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 15N 25E 16 SE OF SE
STATE..... NEVADA
COUNTY..... LYON
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-09.5 N 119-11.1 W
UTM ZONE... +11
NORTHING... 4336413.
EASTING... 311205.

MAP REFERENCE..... RENO 1:250000, WABUSKA 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES. LOCATION GIVEN AS NW/4, SE/4, SE/4.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 108.3

WELL DEPTH (M)..... 678.

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, CU=0.03 PPM, LOCATION GIVEN AS NW/4
SE/4 SE/4WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1279.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....		CO3.....	6.		
AS.....	0.05				
AU.....		CU.....	0.03		
B.....		F.....	9.3		
BA.....		FE+3.....		NA+K.	S04.. 760.
BE.....		FE(TOT)..	0.02		
CA.....	370.	HCO3.....	73.		
CL.....	52.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEV. BUR. MINES AND GEOLOGY LYON CO. NO. 10

RECORD 00622

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074407

NAME OF SAMPLE SOURCE... WELLINGTON WELL

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>		<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	10N 23E	02 NW OF SE	LAT/LONG...	38-45.2 N 119-22.6 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	LYON			NORTHING...	4291879.
GEOLOGIC PROVINCE..				EASTING....	293469.

MAP REFERENCE..... WALDER LAKE 1:250000, DESERT CREEK PEAK 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1942/02/02
 TEMPERATURE (C)..... 47.2
 WELL DEPTH (M)..... 61.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 581.

ANALYSIS IN PPM

AG.....		CO3.....	22.		
AU.....		CU.....		MO...	SI02. 62.
B.....	1.0	F.....	3.5		
BA.....		FE+3.....		NA+K.	115. S04.. 157.
CA.....		HCO3.....	41.	NO3..	0.4
CL.....	28.				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O.J. AND EAKIN, T.E. (1953) GEOLOGY AND WATER RESOURCES OF SMITH VALLEY, LYON AND DOUGLAS CO, NEVADA; USGS WATER SUPPLY PAPER 1228

RECORD 00623

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074621

NAME OF SAMPLE SOURCE... BUREAU OF LAND MANAGEMENT NO. 2 WELL

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>		<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	03N 03E	07 NE OF SW	LAT/LONG...	38-07.9 N 118-33.85 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	MINERAL			NORTHING...	4221374.
GEOLOGIC PROVINCE..				EASTING....	362909.

MAP REFERENCE..... WALKER LAKE 1:250000, HUNTOON VALLEY 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/05/20
 TEMPERATURE (C)..... 25.6

WELL DEPTH (M)..... 20.
 OTHER SAMPLE INFORMATION.. WATER LEVEL 20.8 FT. BELOW CASING TOP.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 360.
 ALKALINITY..... 98. AS CAC03

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... N
 AL..... CR..... MG... 8.
 BA..... FE+3..... NA+K. 27. S04.. 23.
 CA.... 26. HCO3.... 144.
 CL.... 11.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A. S. AND GLANCY, P. A., 1970

RECORD 00624

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074357

NAME OF SAMPLE SOURCE... CITY OF HAWTHORNE WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 30E 27 SW
 STATE..... NEVADA
 COUNTY..... MINERAL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WALKER LAKE 1:250000, HAWTHORNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 37.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... U.S. NAVY UNPUBLISHED DATA

RECORD 00625

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074617

NAME OF SAMPLE SOURCE... CITY OF HAWTHORNE WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 0 0E 27 SW
 STATE..... NEVADA
 COUNTY..... MINERAL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WALKER LAKE 1:250000, HAWTHORNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/01
 TEMPERATURE (C)..... 26.7
 WELL DEPTH (M)..... 184.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 1180.
 TOTAL DISSOLVED SOLIDS... 810.

ANALYSIS IN PPM(U IN MG/L)

ISOTOPES (0/00)

AG..... CO3..... N

AL.....	0.1	CR.....		MG...	14.		
AS.....		CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	25.
B.....		F.....	0.7	NA...	148.		
BA.....		FE+3....		NA+K.		S04..	403.
BE.....		FE(TOT)..	0.01				
CA.....	82.	HC03....	82.	N03..	0.2	U....	0.0018
CD.....		H2S.....		P04..	N		
CL.....	79.						
CO.....		K.....	6.4				

OTHER ANALYTICAL DATA... RA LT 0.1 MICROGRAMS/LITER.

REFERENCE AND IDENTIFICATION

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... SCOTT, R. C. AND BARKER, F. B., 1962

RECORD 00626

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074618

NAME OF SAMPLE SOURCE... HAWTHORNE AREA

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>
COUNTRY.....	UNITED STATES
STATE.....	NEVADA
COUNTY.....	MINERAL
GEOLOGIC PROVINCE..	

<u>COORDINATES</u>	
LAT/LONG...	38-30.6 N 118-38.45 W
UTM ZONE...	+11
NORTHING...	4263472.
EASTING....	356935.

MAP REFERENCE..... WALKER LAKE 1:250000, HAWTHORNE 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/02/18
TEMPERATURE (C)..... 32.8

WATER ANALYSIS

PH..... 7.8
TOTAL DISSOLVED SOLIDS... 620.

ANALYSIS IN PPM

AL.....	CR.....	MG...	17.		
BA.....	FE+3....	NA+K.	75.	S04..	307.
BE.....	FE(TOT)..		0.1		
CA.....	91.	HC03....	137.	N03..	1.5
CL.....	19.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR, 1973

RECORD 00627

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074015

NAME OF SAMPLE SOURCE... HAWTHORNE AREA, NAVAL AMMUNITION DEPOT WELL NUMBER 3

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>
COUNTRY.....	UNITED STATES
STATE.....	NEVADA
COUNTY.....	MINERAL
GEOLOGIC PROVINCE..	

<u>COORDINATES</u>	
LAT/LONG...	38-30.7 N 118-39.8 W
UTM ZONE...	+11
NORTHING...	4263692.
EASTING....	354976.

MAP REFERENCE..... WALKER LAKE 1:250000, HAWTHORNE 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES OF COORDINATES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/02/15

TEMPERATURE (C)..... 37.8
 WELL DEPTH (M)..... 138.
WATER ANALYSIS
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1340.
ANALYSIS IN PPM
 AG..... CO3..... N
 AL..... CR..... MG... 10.
 BA..... FE+3..... NA+K. 224. S04.. 372.
 CA.... 33. HCO3.... 100.
 CL.... 101.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EVERETT, D.E. AND RUSH, F.E. (1967) BRIEF APPRAISAL OF WATER RESOURCES OF WALKER LAKE AREA,
 MINERAL, LYON, AND CHURCHILL CO. NEVADA; NEVADA DEPT. OF CONSERV. AND NAT. RESOURCES, WATER RESOURCES-RECONN. SER.
 REPT. 40

RECORD 00628

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074359

NAME OF SAMPLE SOURCE... HAWTHORNE AREA, NAVAL AMMUNITION DEPOT WELL NUMBER 5
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 08N 30E 18 SW OF SE LAT/LONG... 38-00.54 N 118-40.5 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... MINERAL NORTHING... 4207932.
 GEOLOGIC PROVINCE.. EASTING... 352949.
 MAP REFERENCE..... WALKER LAKE 1:250000, HAWTHORNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 45.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... U.S. NAVY UNPUBLISHED DATA

RECORD 00629

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074361

NAME OF SAMPLE SOURCE... HAWTHORNE AREA, NAVAL AMMUNITION DEPOT WELL NO.1
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 08N 30E 18 NE OF NE LAT/LONG... 38-33.3 N 118-40.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... MINERAL NORTHING... 4268511.
 GEOLOGIC PROVINCE.. EASTING... 354482.
 MAP REFERENCE..... WALKER LAKE 1:250000, HAWTHORNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 51.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... U.S. NAVY UNPUBLISHED DATA

RECORD 00630

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074616

NAME OF SAMPLE SOURCE... NAVAL AMMUNITION DEPOT WELL NO. 2

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 08N 0 0E 26 SE
 STATE..... NEVADA
 COUNTY..... MINERAL
 GEOLOGIC PROVINCE..

LAT/LONG... 38-31.3 N 118-35.9 W
 UTM ZONE... +11
 NORTHING... 4264701.
 EASTING.... 360663.

MAP REFERENCE..... WALKER LAKE 1:250000, HAWTHORNE 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/02/15

TEMPERATURE (C)..... Q 24.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1380.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	14.	
BA....		FE+3....	NA+K.	205.	S04.. 436.
CA....	78.	HCO3....		129.	
CL....	98.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 5.6, RSC = 0.

QUALIFICATION FIELD..... TEMPERATURE 69 F ACCORDING TO U.S. NAVY DATA.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... EVERETT, D. E. AND RUSH F. E., 1967

RECORD 00631

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074619

NAME OF SAMPLE SOURCE... NAVAL AMMUNITION DEPOT WELL NO. 4

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 07N 0 0E 02 NE OF SW
 STATE..... NEVADA
 COUNTY..... MINERAL
 GEOLOGIC PROVINCE..

LAT/LONG... 38-29.65 N 118-36.45 W
 UTM ZONE... +11
 NORTHING... 4261664.
 EASTING.... 359810.

MAP REFERENCE..... WALKER LAKE 1:250000, POWELL MOUNTAIN 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

RECORD 00632

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074369

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 02N 33E 32
 STATE..... NEVADA
 COUNTY..... MINERAL

LAT/LONG... 37-59.3 N 118-19.5 W
 UTM ZONE... +11
 NORTHING... 4205143.

GEOLOGIC PROVINCE.. EASTING.... 383645.
MAP REFERENCE..... MARIPOSA 1:250000, BENTON 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/06/07
TEMPERATURE (C)..... 45.0

WATER ANALYSIS

PH..... 8.0
TOTAL DISSOLVED SOLIDS... 316.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.... CR..... MG... 16.
BA.... FE+3.... NA+K. 67. S04.. 81.
BE.... FE(TOT). 0.02
CA.... 46. HCO3.... 150. NO3.. 42.
CL.... 59.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR(1973) (CENTER FOR WATER RESOURCES RESEARCH) NEVADA UNIV. RENO, DESERT RESEARCH
INSTITUTE: COMPUTER DATA BANK

RECORD 00633

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074620

NAME OF SAMPLE SOURCE... SODAVILLE (SODA) SPRINGS AREA, SPRINGS (SOUTH GROUP)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 06N 035E 29 SW OF SW SE LAT/LONG... 38-20.65 N 118-06.3 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... MINERAL NORTHING... 4244373.
GEOLOGIC PROVINCE.. EASTING.... 403435.

MAP REFERENCE..... WALKER LAKE 1:250000, SODAVILLE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/05/25
TEMPERATURE (C)..... 30.
DISCHARGE..... 50.

OTHER SAMPLE INFORMATION.. OTHER SPRINGS HAVE TEMPERATURES RANGING FROM 7-21 DEG C AND A TOTAL FLOW OF 38 GPM.

WATER ANALYSIS

PH..... 8.0
SPECIFIC CONDUCTANCE..... 1900.
ALKALINITY..... 122. AS CaCO3

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 3.
BA.... FE+3.... NA+K. 303. S04.. 561.
CA.... 44. HCO3.... 119.
CL.... 70.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... VAN DENBURGH, A. S. AND GLANCY, P. A., 1970

RECORD 00634

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074012

NAME OF SAMPLE SOURCE... SODAVILLE SPRINGS, SODA SPRINGS

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... NEVADA 06N 35E 29 SE
 COUNTY..... MINERAL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WALKER LAKE 1:250000, SODAVILLE 1:24000

COORDINATES

LAT/LONG... 38-20.5 N 118-06.1 W
 UTM ZONE... +11
 NORTHING... 4244092.
 EASTING.... 403723.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES OF COORDINATES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/00/00
 TEMPERATURE (C)..... 35.0

DISCHARGE..... 26. L/MIN

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES OF CORRINATES. RB=0.08; CE=0.1;
 MN=0.08; DELTA D(0/00)=-130.3; DELTA O18(0/00)=-16.13

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1640.

ANALYSIS IN PPM

AG....		CO3..... L 1.	LI...	0.65		
AL....		CR.....	MG...	3.3		
AS....		CS.....	MN...	0.08		
AU....		CU.....	MO...		SI02.	46.
B.....	2.3	F..... 7.4	NA...	305.	S04..	597.
BA....		FE+3.....	NA+K.			
BE....		FE(TOT).. 0.07				
CA....	40.	HCO3..... 112.				
CL....	87.	I.....	RB...	0.08		
CO....		K..... 16.				

ISOTOPES (0/00)CONDENSATE ANALYSISANALYSIS

AS... H2S..
 B... K....

ISOTOPES (0/00)

DEL D OF WATER..... -130.3
 DEL O(18) OF WATER... -16.13

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MARINER, R.H., RAPP, J.B., WILLEY, L.M. AND PRESSER, T.S. (1974) CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF THE PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA: USGS OPEN-FILE REPORT; AND MARINER, R.H., PRESSER, T.S., RAPP, J.B., AND WILLEY, L.M. (1975) MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON: USGS OPEN-FILE REPORT

RECORD 00635

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SODAVILLE SPRINGS, SODA SPRINGS

GEO THERM FILE ID: 0074249

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... NEVADA 06N 35E 29
 COUNTY..... MINERAL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WALKER LAKE 1:250000, SODAVILLE 1:24000

COORDINATES

LAT/LONG... 38-20.5 N 118-06.3 W
 UTM ZONE... +11
 NORTHING... 4244096.
 EASTING.... 403432.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 38.3

DISCHARGE..... 379. L/MIN

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES OF COORDINATES. TEMPERATURE RANGE IS 27 TO 38 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF. PAPER 492, NO. 110

RECORD 00636

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000793

NAME OF SAMPLE SOURCE... SODAVILLE SPRINGS, SODA SPRINGS
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 06N 35E 29 SE LAT/LONG... 38-20.5 N 118-06.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... MINERAL NORTHING... 4244092.
 GEOLOGIC PROVINCE.. EASTING... 403723.
 MAP REFERENCE..... WALKER LAKE 1:250000, SODAVILLE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 35.0
 DISCHARGE..... 100. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... TRACES OF CaCO₃ DEPOSITS
 OTHER SAMPLE INFORMATION.. HIGH CALCIUM INDICATES DEEP CIRCULATION OR MIXED WATER.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1640.
 ALKALINITY..... 113. AS HCO₃

ANALYSIS IN MG/L

AG.....	CO ₃	L 1.	LI...	0.65	SB...		
AL.....	CR.....		MG...	3.3	SC...		
AS.....	CS.....	0.1	MN...	0.08			
AU.....	CU.....	L 0.01	MO...		SI02.	46.	
B..... 2.3	F.....	7.4	NA...	305.	S04..	597.	
BA.....	FE+3.....		NA+K.				
BE.....	FE(TOT)..	0.07					
CA..... 40.	HCO ₃	112.					
CL..... 87.	I.....		RB...	0.08			
CO.....	K.....	16.					

ISOTOPES (0/00)

DEL D OF WATER..... -130.3
 DEL O(18) OF WATER... -16.13

QUALIFICATION FIELD..... HIGH CALCIUM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MARINER, R.H., RAPP, J.B., WILLEY, L.M. AND PRESSER, T.S. (1974) CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF THE PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA; USGS OPEN FILE REPORT; AND MARINER, R.H., PRESSER, T.S., RAPP, J.B., AND WILLEY, L.M. (1975) MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON; USGS OPEN FILE REPORT

RECORD 00637

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002155

NAME OF SAMPLE SOURCE... SODAVILLE WARM SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 06N 35E
 STATE..... NEVADA
 COUNTY..... MINERAL
 MAP REFERENCE..... SODAVILLE 1:24000, WALKER LAKE 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... FERGUSON, H. G.
 DEPOSITS OR ALTERATION.... DEPOSITS SINTER WHICH DOES NOT CONTAIN CaCO3
 PERTINENT LITHOLOGY..... ASSOCIATED WITH PLIO-PLEISTOCENE VOLCANIC ROCKS.
 OTHER SAMPLE INFORMATION.. CLEAR WITH SOME FE-LIKE SEDIMENT WHEN ANALYZED AND FILTERED.

WATER ANALYSIS

DATE/ANALYST..... FOSTER, M. D.
 ALKALINITY..... 126. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1138.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3.....	N				
AL....	CR.....		MG...	4.0		
AU....	CU.....		MO...		SI02.	43.
B.....	F.....		NA...	295.		
BA....	FE+3....		NA+K.		S04..	574.
BE....	FE(TOT).	0.2				
CA....	HCO3....	124.	N03..	0.07		
CL....						
CO....	K.....	17.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00638

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074268

NAME OF SAMPLE SOURCE... U. S. BUREAU OF LAND MANAGEMENT WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	05N 31E	19 NE	LAT/LONG...	38-16.8	N	118-34.0	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	MINERAL			NORTHING...	4237837.			
GEOLOGIC PROVINCE..				EASTING....	362968.			

MAP REFERENCE..... WALKER LAKE 1:250000, POWELL MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/12/08
 TEMPERATURE (C)..... 43.3
 WELL DEPTH (M)..... 105.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 575.
 TOTAL DISSOLVED SOLIDS... 370.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3.....	9.				
AL....	CR.....		MG...	0.9		
AU....	CU.....		MO...		SI02.	37.
B.....	F.....	4.8				
BA....	FE+3....		NA+K.	116.	S04..	109.
CA....	HCO3....	47.	N03..	0.1		
CL....						

OTHER ANALYTICAL DATA... SAR = 12; RSC = 0.71

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EVERETT, D. E. AND RUSH, F. E., 1967, BRIEF APPRAISAL OF WATER RESOURCES OF WALKER LAKE AREA, MINERAL, LYON, AND CHURCHILL CO. NEVADA; NEVADA DEPT. CONSERV. AND NAT. RESOURCES, WATER RESOURCES-RECONN.

SER. REPT. 40

RECORD 00639

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074715

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 06N 036E LAT/LONG... 38-20. N 117-58. W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... MINERAL NORTHING... 4243036.
 GEOLOGIC PROVINCE... EASTING.... 415512.
 MAP REFERENCE..... TONOPAH 1:250000
 OTHER LOCALITY INFORMATION: THIS AREA IS UNSURVEYED. THE LOCATION IS APPROXIMATELY FOUR MILES SOUTH OF PILOT PEAK.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/09/06
 TEMPERATURE (C)..... 40.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 510.

ANALYSIS IN PPM

AL.....	CR.....	MG...	13.		
AU.....	CU.....	MO...		SI02.	28.
B.....	F.....	NA...	55.		
BA.....	FE+3.....	NA+K.		S04..	41.
CA..... 26.	HCO3.....				
CL..... 1.0					
CO.....	K.....		4.8		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-5-16
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00640

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002153

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 08N 030E 27 SE LAT/LONG... 38-31.7 N 118-37.2 W
 STATE..... NEVADA
 COUNTY..... MINERAL
 MAP REFERENCE..... HAWTHORNE 1:62500, WALKER LAKE 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/01 MAY 1, 1957
 TEMPERATURE (C)..... 26.6
 WELL DEPTH (M)..... 183.
 DISCHARGE..... 3785. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY SEDIMENTS.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 1180.
 ALKALINITY..... 262. AS CAC03
 TOTAL DISSOLVED SOLIDS... 810.

ANALYSIS IN PPM

AL..... 0.1	CR.....	MG...	14.
AS.....	CS.....	MN...	N

ISOTOPES (0/00)

AU.....	CU.....		MO...	SI02.	25.
B.....	F.....	0.7	NA... 148.	S04..	403.
BA.....	FE+3....		NA+K.		
BE.....	FE(TOT).	0.01			
CA..... 82.	HCO3....	82.	NO3.. 0.2	U....	0.0018
CD.....	H2S.....		P04.. N		
CO.....	K.....	6.4			

OTHER ANALYTICAL DATA... RA LESS THAN .1 UUC/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 SCOTT AND BARKER, 1962, PP 426

RECORD 00641

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002154

NAME OF SAMPLE SOURCE... WELL NO. 3

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 31E 32
 STATE..... NEVADA
 COUNTY..... MINERAL
 MAP REFERENCE..... HAWTHORNE 1:62500, WALKER LAKE 1:250000
 OTHER LOCALITY INFORMATION: HAWTHORNE, NEV.

LAT/LONG... 38-30.4 N 118-33.0 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/12/11
 TEMPERATURE (C)..... 34.0

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1320.
 TOTAL DISSOLVED SOLIDS... 891.

ISOTOPES (0/00)

ANALYSIS IN PPM

AL.....	CR.....	MG... 6.1			
AU.....	CU.....	MO... 54.	SI02.		
B..... 2.3	F..... 6.8	NA... 245.	S04..	374.	
BA.....	FE+3....	NA+K.			
BE.....	FE(TOT).	0.66			
CA..... 32.	HCO3....	118.	NO3..	0.2	
CL..... 102.					
CO.....	K.....	10.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00642

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074378

NAME OF SAMPLE SOURCE... WENDELL SPRING NO.1

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 34E 07 SW
 STATE..... NEVADA
 COUNTY..... MINERAL
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WALKER LAKE 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

LAT/LONG... 38-54.7 N 118-56.9 W
 UTM ZONE... +11
 NORTHING... 4308571.
 EASTING... 331070.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1934/02/18
 TEMPERATURE (C)..... 62.2
 DISCHARGE..... 227. L/MIN
 OTHER SAMPLE INFORMATION.. TWO MAIN SPRINGS. WATER USED LOCALLY. TEMPERATURE RANGE IS 54-62 C.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1290.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG....	N		
B..... 1.6	F.....	NA....	262.		
BA.....	FE+3....	NA+K.		S04..	315.
CA..... 16.	HC03....		210.		
CL..... 78.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1962C, GROUND-WATER APPRAISAL OF RALSTON AND STONECABIN VALLEYS, NYE CO.
 NEVADA: NEVADA DEPT CONSERV AND NAT. RESOURCES -RECONN. SER. REPT. 25

RECORD 00643

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074376

NAME OF SAMPLE SOURCE... WENDELL SPRING NUMBER 2
 WARING NUMBER..... 113

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	12N 34E	07 SW	LAT/LONG...	38-54.7	N 118-56.9	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	MINERAL			NORTHING...	4308571.		
GEOLOGIC PROVINCE..				EASTING....	331070.		

MAP REFERENCE..... WALKER LAKE 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1935/09/20
 TEMPERATURE (C)..... 62.2
 DISCHARGE..... 227. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1370.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG....	13.		
B.....	F.....	NA....	216.		
BA.....	FE+3....	NA+K.		S04..	254.
CA..... 50.	HC03....		220.		
CL..... 94.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1962C, GROUND-WATER APPRAISAL OF RALSTON AND STONECABIN VALLEYS, NYE CO.
 NEVADA: NEVADA DEPT OF CONSERV AND NAT RESOURCES - RECONN. SER. REPT. 25;
 WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: USGS PROF. PAPER 492, NO.113

RECORD 00644

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074522

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	02N 047E	14 SW OF NE	LAT/LONG...	38-01.6	N 116-41.0	W
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STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... TONOPAH 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

UTM_ZONE... +11
 NORTHING... 4208615.
 EASTING.... 527793.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/07/28
 TEMPERATURE (C)..... 29.4

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 1560.
 TOTAL DISSOLVED SOLIDS... 945.

ANALYSIS IN PPM

AG.....		CO3..... N	LI...	0.95		
AL.....		CR.....	MG...	18.		
AU.....		CU.....	MO...		SI02.	25.
B.....	0.61	F..... 6.2	NA...	276.		
BA.....		FE+3.....	NA+K.		S04..	222.
BE.....		FE(TOT)..	NB...		SR...	1.4
CA.....	58.	HCO3..... 702.	NO3..	0.7		
CL.....	36.					
CO.....		K..... 27.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 8.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... USGS, UNPUBLISHED DATA

RECORD 00645

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074948

NAME OF SAMPLE SOURCE... "PURGATORY SPRING" WELL

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

TOWNSHIP-RANGE

17S 05E 14 SW OF NE SW

COORDINATES

LAT/LONG... 36-28.4 N 116-18.8 W
 UTM_ZONE... +11
 NORTHING... 4036467.
 EASTING.... 561518.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/00/00
 TEMPERATURE (C)..... 33.9
 WELL DEPTH (M)..... 28.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00646

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015476

NAME OF SAMPLE SOURCE... A.F. CAYTON WELL

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... NYE

TOWNSHIP-RANGE

20S 05E 15 SW OF SE NW

COORDINATES

LAT/LONG... 36-12.3 N 116-00.45 W
 UTM_ZONE... +11
 NORTHING... 4006942.

GEOLOGIC PROVINCE.. EASTING.... 589223.
 MAP REFERENCE..... DEATH VALLEY 1:250000, STEWART VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 65.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00647

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002158

NAME OF SAMPLE SOURCE... ALKALI HOT SPRINGS

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 01S 41E 26 NE
 STATE..... NEVADA
 COUNTY..... NYE

COORDINATES
 LAT/LONG... 37-49.6 N 117-20.4 W

MAP REFERENCE..... ALKALI 1:24000, GOLDFIELD 1:250000
 OTHER LOCALITY INFORMATION: 12 MILES NW OF GOLDFIELD, NYE CO.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/13 WHITE, D. E.
 TEMPERATURE (C)..... 50.5
 DISCHARGE..... 95. L/MIN
 DEPOSITS OR ALTERATION.... MANGANIFEROUS TRAVERTINE TERRACE.
 PERTINENT LITHOLOGY..... VALLEY ALLUVIUM NEAR PALEOZOIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1958/04/02 WHITEH AD AND SCHUEH
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 1690.
 ALKALINITY..... 129. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 1180.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3..... N	LI...	1.3		
AL..... N		CR.....	MG...	2.7		
AS.....		CS.....	MN...	0.23		
AU.....		CU.....	MO...		SI02.	62.
B..... 1.4		F..... 7.0	NA...	334.	S04..	487.
BA.....		FE+3....	NA+K.			
BE.....		FE(TOT). 0.12				
CA..... 47.		HCO3.... 328.	N03..	0.1		
CO.....		K..... 16.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00648

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074533

NAME OF SAMPLE SOURCE... AMARGOSA DESERT AREA
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 14S 050E 06 NE
 STATE..... NEVADA
 COUNTY..... NYE

COORDINATES
 LAT/LONG... 36-45.1 N 116-25.7 W
 UTM ZONE... +11
 NORTHING... 4067274.

GEOLOGIC PROVINCE.. EASTING.... 551031.
MAP REFERENCE..... DEATH VALLEY 1:250000, TONOPAH SPRING 1:62500 TONOPAH SPRING SW 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/25
TEMPERATURE (C)..... 26.1
WELL DEPTH (M)..... 270.
DISCHARGE..... 200.

WATER ANALYSIS

PH..... 8.2
SPECIFIC CONDUCTANCE..... 266.
TOTAL DISSOLVED SOLIDS... 169.

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....	0.2	CR.....		MG...	1.9		
AU.....		CU.....		MO...		SI02.	26.
B.....		F.....	1.8	NA...	46.		
BA.....		FE+3.....		NA+K.		S04..	24.
BE.....		FE(TOT)..	0.52				
CA.....	9.6	HCO3.....	121.	NO3..	N		
CD.....		H2S.....		P04..	N		
CL.....	7.0						
CO.....		K.....	5.2				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 4.1; RSC = 1.45

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963

RECORD 00649

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074534

NAME OF SAMPLE SOURCE... AMARGOSA DESERT AREA

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13S 047E 35 NE

COORDINATES
LAT/LONG... 36-46.0 N 116-41.1 W
UTM ZONE... +11
NORTHING... 4068832.
EASTING.... 528114.

STATE..... NEVADA
COUNTY..... NYE

GEOLOGIC PROVINCE..
MAP REFERENCE..... DEATH VALLEY 1:250000, BARE MTN. 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/12
TEMPERATURE (C)..... 28.9
WELL DEPTH (M)..... 175.
DISCHARGE..... 100.

OTHER SAMPLE INFORMATION.. WELL CASING IS PERFORATED, 453-493 FEET.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963

RECORD 00650

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074943

NAME OF SAMPLE SOURCE... AMARGOSA DESERT AREA, SODA SPRING

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 050E 10 SE OF SW NW LAT/LONG... 36-29.45 N 116-20.05 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4038396.
 GEOLOGIC PROVINCE.. EASTING.... 559638.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/00
 TEMPERATURE (C)..... 22.8

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 488.

ANALYSIS IN PPM

AG....		CO3..... N		LI... 0.1			
AL....		CR.....		MG... 17.			
AU....		CU.....		MO... 106.	SI02.	35.	
B.....	0.99	F..... 2.1		NA... 106.	S04..	93.	
BA....		FE+3....		NO3.. L 0.1			
CA....	36.	HCO3.... 330.					
CL....	27.						
CO....		K..... 10.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00651

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074532

NAME OF SAMPLE SOURCE... AMARGOSA DESERT WELL J-12

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14S 050E 06 LAT/LONG... 36-45.1 N 116-25.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4067274.
 GEOLOGIC PROVINCE.. EASTING.... 551031.

MAP REFERENCE..... DEATH VALLEY 1:250000, TONOPAH SPRING 1:62500 TONOPAH SPRING SW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/04/00
 TEMPERATURE (C)..... 26.7

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 205.

ANALYSIS IN PPM

AG....		CO3..... N		LI... 0.04			
AL....		CR.....		MG... 2.5			
AU....		CU.....		MO... 40.	SI02.	56.	
B.....	0.13	F..... 2.1		NA... 40.	S04..	22.	
BA....		FE+3....		NO3.. 9.7			
CA....	14.	HCO3.... 117.					
CL....	6.4						
CO....		K..... 5.8					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00652

GEOOTHERM FILE ID: 0074267

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... AMARGOSA HOT SPRINGS (HICK'S HOT SPRING)

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE 11S 47E 16 SW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, BARE MTN 1:62500

COORDINATES

LAT/LONG... 36-48.3 N 116-43.2 W
 UTM ZONE... +11
 NORTHING... 4073075.
 EASTING.... 524977.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/02/22

TEMPERATURE (C)..... 38.

DISCHARGE..... 76. L/MIN

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES OF COORDINATES. TUFF AND WELDED TUFF
 LOCALLY SILICIFIED, OPALIZED AND ARGILLIZED

WATER ANALYSIS

PH..... 7.9

SPECIFIC CONDUCTANCE..... 821.

ALKALINITY..... 45. AS CaCO3

TOTAL DISSOLVED SOLIDS... 535.

ANALYSIS IN PPM

AG..... CO3..... N

AL..... N CR.....

AS..... CS.....

AU..... CU.....

B..... F..... 5.0

BA..... FE+3.....

BE..... FE(TOT). N

CA..... 18. HCO3..... 256.

CD..... H2S.....

CL..... 45.

CO..... K..... 7.4

OTHER ANALYTICAL DATA... RA = 0.6 PICOCURIES/LITRE; U = 10. MICROGRAMS/LITRE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... MALMBERG, G.T. AND AKIN, T.E., 1962, GROUND-WATER APPRAISAL OF SARCOBATUS FLAT AND OASIS
 VALLEY, NYE AND ESERALDA CO, NEVADA; NEVADA DEPT CONSER. NAT. RESOURCES, GROUND-WATER RESOURCE-RECONN. SER. REPT.
 10; SCOTT, R.C. AND BARKER, F.B. 1962, DATA ON URANIUM AND RADIUM IN GROUND-WATER IN THE UNITED STATES; USGS PROF.
 PAPER 426

RECORD 00653

GEOOTHERM FILE ID: 0074535

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... AMARGOSA HOT SPRINGS

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE 11S 047E 16 SW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-58.5 N 116-43.2 W
 UTM ZONE... +11
 NORTHING... 4091933.
 EASTING.... 524922.

MAP REFERENCE..... DEATH VALLEY 1:250000, BARE MTN. 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1927/09/08

TEMPERATURE (C)..... 32.2
WATER ANALYSIS
 TOTAL DISSOLVED SOLIDS... 781.
ANALYSIS IN PPM
 AG..... CO3..... N
 AL..... CR..... MG... 16.
 AU..... CU..... MO... SI02. 76.
 B..... F..... NA... 195.
 BA..... FE+3..... NA+K. S04.. 133.
 CA..... 50. HCO3..... 422.
 CL..... 93.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARDMAN, C. AND MILLER, M., 1934

RECORD 00654

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002159

NAME OF SAMPLE SOURCE... AMAZON (HICKS) HOT SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11S 47E 21 NE
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... BARE MTN. 1:62500, DEATH VALLEY 1:250000
 OTHER LOCALITY INFORMATION: 5 MILES NORTH OF BEATTY, NEV.

COORDINATES

LAT/LONG... 36-58.3 N 116-43.0 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... STONE, R.
 TEMPERATURE (C)..... 43.3

WATER ANALYSIS

DATE/ANALYST..... KRAMER, H.
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 810.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... N LI... 0.18
 AL..... CR..... MG... 0.8
 AU..... CU..... MO... SI02. 63.
 B..... 0.07 F..... 3.5 NA... 162.
 BA..... FE+3..... NA+K. S04.. 124.
 BE..... FE(TOT). NB... SR... N
 CA..... 10. HCO3..... 234. NO3.. 0.25
 CL..... 46.
 CO..... K..... 7.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 STEARNS, ET AL, P. 165.

RECORD 00655

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074953

NAME OF SAMPLE SOURCE... ARMAGOSA DESERT AREA
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 050E 21 NW OF NW
 STATE..... NEVADA

COORDINATESLAT/LONG... 36-27.8 N 116-21.1 W
UTM ZONE... +11

COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

NORTHING... 4035334.
 EASTING.... 558091.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/06/00
 TEMPERATURE (C)..... 24.4
 WELL DEPTH (M)..... 62.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00656

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074968

NAME OF SAMPLE SOURCE... ARMAGOSA DESERT AREA ARMY WELL 1

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

16S 05E 05 NW

COORDINATES

LAT/LONG... 36-35.7 N 116-03.3 W
 UTM ZONE... +11
 NORTHING... 4050159.
 EASTING.... 584529.

MAP REFERENCE..... DEATH VALLEY 1:250000, SPECTER RANGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/04/00
 TEMPERATURE (C)..... 30.6

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 308.

ANALYSIS IN PPM

AG....		CO3..... N	LI... 0.04		
AL....		CR.....	MG... 22.		
AU....		CU.....	MO... 36.	SI02.	20.
B..... 0.2		F..... 1.1	NA... 36.	S04..	51.
BA....		FE+3....	NA+K.		
CA.... 44.		HCO3.... 258.	NO3.. 1.1		
CL.... 13.					
CO....		K..... 5.9			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00657

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074941

NAME OF SAMPLE SOURCE... ASH MEADOW SPRINGS

WARNING NUMBER..... 139

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

17S 05E 36 SE

COORDINATES

LAT/LONG... 36-25.6 N 116-16.9 W
 UTM ZONE... +11
 NORTHING... 4031312.
 EASTING.... 564393.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... Q 34.
 DISCHARGE..... 450.
 OTHER SAMPLE INFORMATION.. FOUR SPRINGS,
 QUALIFICATION FIELD..... TEMPERATURE RANGES FROM 25 TO 34 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-69

RECORD 00658

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002162

NAME OF SAMPLE SOURCE... ASH MEADOWS WELL
LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18S 08E
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... ASH MEADOWS 1:62500, DEATH VALLEY 1:250000

WATER ANALYSIS

DATE/ANALYST..... 1954/11/22 KRAMER, HENRY
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 841.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3..... N		LI...	0.08		
AL.....		CR.....		MG...	24.		
AU.....		CU.....		MO...		SI02.	30.
B.....	0.4	F.....	1.6	NA...	99.		
BA.....		FE+3.....		NA+K.		S04..	137.
BE.....		FE(TOT).....		NB...		SR...	0.47
CA.....	46.	HCO3.....	314.	NO3.. N			
CL.....	32.						
CO.....		K.....	9.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00659

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002164

NAME OF SAMPLE SOURCE... ASH MEADOWS, BIG SPRING
LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18S 51E 19
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... ASH MEADOWS 1:62500, DEATH VALLEY 1:250000

LAT/LONG... 36-22.5 N 116-16.5 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... STONE, R.
 TEMPERATURE (C)..... 27.0

WATER ANALYSIS

DATE/ANALYST..... 1954/11/22 KRAMER, H.
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 785.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3..... N		LI...	0.08
AL.....		CR.....		MG...	20.

AU....		CU.....		MO....		SI02.	31.
B.....	0.17	F.....	1.2	NA....	96.	S04..	117.
BA.....		FE+3....		NA+K.		SR...	0.5
BE.....		FE(TOT).		NB....			
CA.....	43.	HCO3....	313.	NO3..	0.75		
CL.....	26.						
CO.....		K.....	8.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00660

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002165

NAME OF SAMPLE SOURCE... ASH MEADOWS, BOLE HOT SPRING

LOCATION TOWNSHIP=RANGE

COORDINATES

LAT/LONG... 36-21.9 N 116-16.3 W

COUNTRY..... UNITED STATES 18S 01E 30 NE

STATE..... NEVADA

COUNTY..... NYE

MAP REFERENCE..... ASH MEADOWS 1:62500, DEATH VALLEY 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... STONE, R.

WATER ANALYSIS

DATE/ANALYST..... 1954/11/22 KRAMER, H.

PH..... 7.7

SPECIFIC CONDUCTANCE..... 795.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	N	LI....	0.04		
AL....		CR.....		MG....	20.		
AU....		CU.....		MO....		SI02.	34.
B.....	0.48	F.....	0.8	NA....	104.	S04..	125.
BA.....		FE+3....		NA+K.		SR...	0.42
BE.....		FE(TOT).		NB....			
CA.....	37.	HCO3....	309.	NO3..	0.25		
CL.....	26.						
CO.....		K.....	9.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 STEARNS, ET AL., P. 165, #139?

RECORD 00661

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002177

NAME OF SAMPLE SOURCE... ASH MEADOWS, POINT OF ROCKS SPRING

LOCATION TOWNSHIP=RANGE

COORDINATES

LAT/LONG... 36-24.0 N 116-16.4 W

COUNTRY..... UNITED STATES 18S 051E 07

STATE..... NEVADA

COUNTY..... NYE

MAP REFERENCE..... ASH MEADOWS 1:62500, DEATH VALLEY 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... STONE, ROBERT

WATER ANALYSIS

DATE/ANALYST..... 1954/11/22 KRAMER, HENRY

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 697.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		C03..... N		LI....	0.04		
AL.....		CR.....		MG....	22.		
AU.....		CU.....		MO....		SI02.	20.
B..... N		F..... 1.4		NA....	67.		
BA.....		FE+3.....		NA+K.		S04..	84.
BE.....		FE(TOT).		NB....		SR... 0.58	
CA..... 50.		HCO3..... 304.		NO3..	0.6		
CL..... 24.							
CO.....		K..... 7.6					

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00662

 GEOTHERM FILE ID: 0074977

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ASH TREE SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	17S 049E	35 SE OF SE SE	LAT/LONG...	36-25.6 N 116-24.8 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	NYE			NORTHING...	4031232.
GEOLOGIC PROVINCE..				EASTING....	552590.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/07/01
 TEMPERATURE (C)..... 22.2

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 360.
 TOTAL DISSOLVED SOLIDS... 291.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		C03..... N		LI....	0.07		
AL..... L 0.1		CR.....		MG....	4.2		
AS.....		CS.....		MN.... L 0.1			
AU.....		CU.....		MO....		SI02.	76.
B..... 0.28		F..... 2.6		NA....	55.		
BA.....		FE+3.....		NA+K.		S04..	35.
BE.....		FE(TOT). L 0.5		NB....		SR... 0.25	
CA..... 15.		HCO3..... 156.		NO3..	6.7		
CD.....		H2S.....		P04.. L 0.01			
CL..... 6.6							
CO.....		K..... 8.8					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR. AND LARSON, J. D., 1976 AND NAFF, R. L., 1973

RECORD 00663

 GEOTHERM FILE ID: 0074978

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... ASH TREE SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 049E 35 SE OF SE COORDINATES
 STATE..... NEVADA LAT/LONG... 36-25.6 N 116-24.8 W
 COUNTY..... NYE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4031232.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500 EASTING.... 552590.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/05/08
 TEMPERATURE (C)..... 23.9
 DISCHARGE..... 10.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 370.
 TOTAL DISSOLVED SOLIDS... 293.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	4.8	
AU....		CU.....	MO...		SI02. 80.
B....	0.29	F.....	2.8	NA...	55.
BA....		FE+3....		NA+K.	S04.. 37.
BE....		FE(TOT)..	0.08		
CA....	16.	HC03....	160.	N03..	3.9
CL....	7.2				
CO....		K.....	7.9		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 3.35, RSC = 1.43

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E., AND AKIN, T. E., 1963

RECORD 00664

 GEOTHERM FILE ID: 0074539

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEATTY AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12S 047E 05 NE OF SE SW COORDINATES
 STATE..... NEVADA LAT/LONG... 36-54.75 N 116-44.6 W
 COUNTY..... NYE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4084994.
 MAP REFERENCE..... DEATH VALLEY 1:250000, BARE MTN. 1:62500 EASTING.... 522864.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/31
 TEMPERATURE (C)..... 23.9

WATER ANALYSIS

PH..... 7.5
 TOTAL DISSOLVED SOLIDS... 380.

ANALYSIS IN PPM

AL....		CR.....	MG...	1.8	
B....		F.....	3.2		
BA....		FE+3....		NA+K.	S04.. 70.
BE....		FE(TOT)..	0.01		
CA....	15.	HC03....	196.	N03..	1.6
CL....	26.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00665

GEO THERM FILE ID: 0002163

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEATTY MINERAL SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12S 047E 05 SW
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... BULLFROG 1:62500, DEATH VALLEY 1:250000
 OTHER LOCALITY INFORMATION: 2 MI. EAST OF BEATTY

COORDINATES
 LAT/LONG... 36-55. N 116-45. W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/02/22
 TEMPERATURE (C)..... 24.4
 DISCHARGE..... 379. L/MIN

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 552.
 ALKALINITY..... 43. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 368.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... 0.4 CR..... MG... 1.9
 AS.... CS..... MN... N
 AU.... CU..... MO... SI02. 68.
 B.... F..... 4.0 NA... 106.
 BA.... FE+3... NA+K. S04.. 69.
 BE.... FE(TOT). 0.12
 CA.... 14. HCO3... 194. NO3.. 0.8 U.... 0.0045
 CD.... H2S..... PO4.. N
 CL.... 27.
 CO.... K..... 5.8

OTHER ANALYTICAL DATA... RA UUC/L 0.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 SCOTT AND BARKER, 1962, PP. 426, P. 71, 73

RECORD 00666

GEO THERM FILE ID: 0074538

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BEATTY MUNICIPAL SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 12S 047E 05 NE OF SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, BARE MTN 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

COORDINATES
 LAT/LONG... 36-55.1 N 116-44.8 W
 UTM ZONE... +11
 NORTHING... 4085640.
 EASTING... 522565.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/02/22
 TEMPERATURE (C)..... 23.9

DISCHARGE..... Q 1136.
WATER ANALYSIS
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 552.
 TOTAL DISSOLVED SOLIDS... 368.
ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... CR..... MG... 1.9
 AU.... CU..... MO... SI02. 68.
 B..... F..... 4. NA... 106.
 BA.... FE+3.... NA+K. S04.. 69.
 CA.... 14. HCO3.... 194. NO3.. 0.8
 CL.... 27.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 7.4
 QUALIFICATION FIELD..... DISCHARGE LISTED IS A MAXIMUM, GIVEN AS 200-300 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MALMBERG, G. T., AND EAKIN, T. E., 1962

RECORD 00667

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074935

NAME OF SAMPLE SOURCE... BELL (SODA) SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 050E 10 SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-28.9 N 116-20.05 W
 UTM ZONE... +11
 NORTHING... 4037379.
 EASTING.... 559645.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/31
 TEMPERATURE (C)..... 22.8
 DISCHARGE..... 79.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 725.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00668

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074100

NAME OF SAMPLE SOURCE... BELMONT MINE, 1500 FT LEVEL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03N 42E 36
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-04.5 N 117-13.3 W
 UTM ZONE... +11
 NORTHING... 4213954.
 EASTING.... 480558.

MAP REFERENCE..... TONAPAH 1:250000, TONAPAH 1:62500, TONAPAH 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1915/00/00
 TEMPERATURE (C)..... 37.2

WELL DEPTH (M)..... 457.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 367.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	36.			
AL.....	CR.....		MG...	4.4	
AS.....	CS.....		MN...	12.	
AU.....	CU.....		MO...		SI02. 68.
B.....	F.....		NA...	80.	
BA.....	FE+3.....		NA+K.		S04.. 106.
BE.....	FE(TOT).	3.			
CA..... 20.	HCO3.....	51.			
CL..... 35.					
CO.....	K.....	5.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BASTIN, E. S. AND LANEY, F. B., 1918, GENESIS OF ORES AT TONAPAH, NEVADA: U.S. GEOLOGICAL SURVEY PROF. PAPER 104.

RECORD 00669

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074998

NAME OF SAMPLE SOURCE... BENNETTS SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	20S 053E 14 SW OF SE	LAT/LONG...	36-12.0 N 115-59.3 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4006405.
GEOLOGIC PROVINCE..			EASTING....	590952.

MAP REFERENCE..... LAS VEGAS 1:250000, PAHRUMP 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1927/08/05
 TEMPERATURE (C)..... 0 25.
 DISCHARGE..... 0 9539.
 PERTINENT LITHOLOGY..... IN ALLUVIUM.
 OTHER SAMPLE INFORMATION.. SPRING HAS BEEN DESTROYED BY DRILLING OF NEARBY FLOWING WELL.
 QUALIFICATION FIELD..... DATA FROM SAME REFERENCE, DATED 1966: TEMP=75 F, FLOW = 0 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00670

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074714

NAME OF SAMPLE SOURCE... BIG BLUE, CHARNOCK SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	13N 044E 32 NE	LAT/LONG...	38-56.9 N 117-10.2 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4310849.
GEOLOGIC PROVINCE..			EASTING....	485268.

MAP REFERENCE..... TONOPAH 1:250000, CARVERS NE 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/02
 TEMPERATURE (C)..... 32.

OTHER SAMPLE INFORMATION.. SPRING HAS FORMED A POOL, 8 FT IN DIAMETER.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 480.

ISOTOPES (0/00)

ANALYSIS IN PPM

AL.....	CR.....	MG...	0.95		
AU.....	CU.....	MO...		SI02.	94.
B.....	F.....	NA...	74.		
BA.....	FE+3.....	NA+K.		S04..	38.
CA..... 23.	HC03.....				
CL..... 12.					
CO.....	K.....				

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-5-17
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00671

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074891

NAME OF SAMPLE SOURCE... BIG SPRING

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

18S 051E 19 SE OF NW

COORDINATES

LAT/LONG... 36-22.5 N 116-16.5 W
 UTM ZONE... +11
 NORTHING... 4025585.
 EASTING... 565034.

MAP REFERENCE..... DEATH VALLEY 1:250000; ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/04/29
 TEMPERATURE (C)..... 28.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 770.
 TOTAL DISSOLVED SOLIDS... 644.

ISOTOPES (0/00)

ANALYSIS IN PPM

AL.....	CR.....	MG...	14.		
B..... 0.25	F.....	NA...	106.		
BA.....	FE+3.....	NA+K.		S04..	130.
CA..... 51.	HC03.....				
CL..... 32.					
CO.....	K.....				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-103
 REFERENCE..... NAFF, R. L., 1973

RECORD 00672

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074873

NAME OF SAMPLE SOURCE... BIG SPRING; ASH MEADOWS SPRING; DEEP SPRING

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

18S 051E 19 SW OF NE

COORDINATES

LAT/LONG... 36-22.6 N 116-16.3 W

STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

UTM_ZONE... +11
 NORTHING... 4025772.
 EASTING.... 565331.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/00
 TEMPERATURE (C)..... 28.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 480.

ANALYSIS IN PPM

AG....		CO3..... N		LI....	0.12		
AL....		CR.....		MG....	19.		
AU....		CU.....		MO....		SI02.	28.
B.....	0.44	F.....	1.3	NA....	97.	S04..	105.
BA....		FE+3....		NA+K.			
CA....	44.	HCO3....	318.	NO3..	0.2		
CL....	25.						
CO....		K.....	8.6				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-102
 REFERENCE..... DUDLEY, W. W., JR. AND LARSON, J. D., 1976

RECORD 00673

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG SPRING; ASH MEADOWS SPRING; DEEP SPRING

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

TOWNSHIP-RANGE

18S 0-1E 19 SW OF NE

COORDINATES

LAT/LONG... 36-22.6 N 116-16.3 W
 UTM_ZONE... +11
 NORTHING... 4025772.
 EASTING.... 565331.

GEO THERM FILE ID: 0074874

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/01/27
 TEMPERATURE (C)..... 28.
 DISCHARGE..... 1036.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 780.
 TOTAL DISSOLVED SOLIDS... 468.

ANALYSIS IN PPM

AG....		CO3..... N		MG....	18.		
AL....		CR.....		MO....		SI02.	32.
AU....		CU.....		NA....	98.	S04..	110.
B.....	0.51	F.....	1.4	NA+K.		SR...	1.8
BA....		FE+3....		NB....			
BE....		FE(TOT).	0.11	NO3..	0.3		
CA....	45.	HCO3....	3.1	P04..	0.51		
CD....		H2S.....					
CL....	25.						

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 3.5, RSC = 1.88

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-102
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00674

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074875

NAME OF SAMPLE SOURCE... BIG SPRING; ASH MEADOWS SPRING; DEEP SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 05E 19 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-22.6 N 116-16.3 W
 UTM ZONE... +11
 NORTHING... 4025772.
 EASTING.... 565331.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/26
 TEMPERATURE (C)..... Q 34.
 DISCHARGE..... 1000.

QUALIFICATION FIELD..... TEMPERATURE RANGES FROM 24-34 C; LARGE SPRING IS 24-

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-102
 REFERENCE..... LAMKE, R. D., AND MOORE, D. O., 1965

RECORD 00675

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074876

NAME OF SAMPLE SOURCE... BIG SPRING; ASH MEADOWS SPRING; DEEP SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 05E 19 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-22.6 N 116-16.3 W
 UTM ZONE... +11
 NORTHING... 4025772.
 EASTING.... 565331.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/24
 TEMPERATURE (C)..... 28.

WATER ANALYSIS

PH..... 7.2
 TOTAL DISSOLVED SOLIDS... 482.

ANALYSIS IN PPM

AL.....	CR.....	MG...	14.
B.....	F.....	1.4	
BA.....	FE+3....	NA+K.	S04.. 105.
CA..... 48.	HCO3....	314.	
CL..... 26.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-102
 REFERENCE..... CWRR, 1973

RECORD 00676

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074877

NAME OF SAMPLE SOURCE... BIG SPRING; ASH MEADOWS SPRING; DEEP SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18S 051E 19 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 36-22.6 N 116-16.3 W
 UTM ZONE... +11
 NORTHING... 4025772.
 EASTING.... 565331.

MAP REFERENCE..... DEATH VALLEY 1:250000; ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/01/27
 TEMPERATURE (C)..... 28.
 DISCHARGE..... 1250.

WATER ANALYSISANALYSIS IN EPMISOTOPES (0/00)

BA..... FE+3..... NA+K. 4.6
 OTHER ANALYTICAL DATA... CL + SO4 = 3.0 EPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-102
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00677

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074878

NAME OF SAMPLE SOURCE... BIG SPRING; ASH MEADOWS SPRING; DEEP SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18S 051E 19 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 36-22.6 N 116-16.3 W
 UTM ZONE... +11
 NORTHING... 4025772.
 EASTING.... 565331.

MAP REFERENCE..... DEATH VALLEY 1:250000; ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.
 DISCHARGE..... 1773.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 700.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-102
 REFERENCE..... HUGHES, J. L., 1966

RECORD 00678

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074879

NAME OF SAMPLE SOURCE... BIG SPRING; ASH MEADOWS SPRING; DEEP SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18S 51E 19 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE

LAT/LONG... 36-22.6 N 116-16.3 W
 UTM ZONE... +11
 NORTHING... 4025772.

EASTING.... 565331.

GEOLOGIC PROVINCE..

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/02/14

TEMPERATURE (C)..... 27.

OTHER SAMPLE INFORMATION.. DATA FROM SEVEN SPRINGS.

WATER ANALYSIS

PH..... 7.7

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	82.		
AL....		CR.....		MG...	12.
B....		F.....	1.8		
CA....	58.	HCO3....	290.		
CL....	28.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-11-102

REFERENCE..... CWRR, 1973

RECORD 00679

GEOOTHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074892

NAME OF SAMPLE SOURCE... BIG SPRING; ASH MEADOWS SPRING; DEEP SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18S 01E	19 SW OF NE
STATE.....	NEVADA		
COUNTY.....	NYE		
GEOLOGIC PROVINCE..			

LAT/LONG...	36-22.6	N	116-16.3	W
UTM ZONE...	+11			
NORTHING...	4025772.			
EASTING....	565331.			

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1976/10/27

TEMPERATURE (C)..... 28.

WATER ANALYSIS

PH..... 7.4

SPECIFIC CONDUCTANCE..... 773.

TOTAL DISSOLVED SOLIDS... 610.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	N		
AL....	0.08	CR.....		MG...	14.
AU....		CU.....		MO...	
B....		F.....	1.4	NA...	95.
BA....		FE+3....		NA+K..	S04.. 105.
BE....		FE(TOT)..	0.03		
CA....	48.	HCO3....	311.	NO3..	N
CL....	26.				
CO....		K.....	9.0		

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-11-102

REFERENCE..... NAFF, R. L., 1973

RECORD 00680

GEOOTHERM FILE ID: 0074605

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRING, DUCKWATER AREA
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 13N 056E 32 SE OF NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, DUCKWATER 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

COORDINATES
 LAT/LONG... 38-57.05 N 115-42.0 W
 UTM ZONE... +11
 NORTHING... 4311916.
 EASTING.... 612652.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.2
 DISCHARGE..... 6300.

WATER ANALYSIS

ANALYSIS IN EPM

BA.... FE+3.... NA+K. 3.0
 BE.... FE(TOT). NB... SR...
 CA+MG. 3.5

ISOTOPES (0/00)

TRITIUM (T.U.)..... L 7.

OTHER ANALYTICAL DATA... CL + SO4 = 2.02 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00681

GEOOTHERM FILE ID: 0074606

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRING, DUCKWATER AREA
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 13N 056E 32 NW OF SE NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, DUCKWATER 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES
 LAT/LONG... 38-57.05 N 115-42.0 W
 UTM ZONE... +11
 NORTHING... 4311916.
 EASTING.... 612652.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.2
 DISCHARGE..... 7284.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., MAXEY, G. B., ROBINSON, T. W., FREDERICKS, J. C. AND LOELTZ, O. J., 1951

RECORD 00682

GEOOTHERM FILE ID: 0074608

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BIG WARM SPRING, DUCKWATER AREA
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 13N 056E 32 SW OF NE NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, DUCKWATER 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES
 LAT/LONG... 38-57.05 N 115-42.0 W
 UTM ZONE... +11
 NORTHING... 4311916.
 EASTING.... 612652.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/04/16
 TEMPERATURE (C)..... 32.8
 DISCHARGE..... 5828.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 587.
 TOTAL DISSOLVED SOLIDS... 358.

ANALYSIS IN MG/L

AG.....		CO3.....	N				
AL.....		CR.....		MG...	22.		
B.....		F.....	0.6	NA...	28.		
BA.....		FE+3.....		NA+K.		S04..	47.
CA.....	62.	HCO3.....	321.	NO3..	N		
CL.....	7.						
CO.....		K.....	6.5				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A. S. AND RUSH, F. E., 1974

RECORD 00683

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BLUE EAGLE (JACKS) SPRING

GEOHERM FILE ID: 0074593

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08N 057E 11 SE OF SE
 STATE..... NEVADA
 COUNTY..... NYE

COORDINATES

LAT/LONG... 38-33.8 N 115-31.65 W
 UTM ZONE... +11
 NORTHING... 4269142.
 EASTING... 628293.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, BLUE EAGLE SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1934/02/07
 TEMPERATURE (C)..... 27.8
 DISCHARGE..... 1800.
 OTHER SAMPLE INFORMATION.. TWO MAIN SPRINGS. WATER USED FOR IRRIGATION.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 465.

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....		CR.....		MG...	24.		
AU.....		CU.....		MO...		SI02.	17.
BA.....		FE+3.....		NA+K.	30.	S04..	34.
RE.....		FE(TOT).	0.6				
CA.....	80.	HCO3.....	385.	NO3..	N		
CL.....	10.						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., MAXEY, G. B., ROBINSON, T. W., FREDERICKS, J. C. AND LOELTZ, O. J., 1951

RECORD 00684

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BLUE EAGLE (JACKS) SPRING

GEOHERM FILE ID: 0074594

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 057E 11 SE OF SE LAT/LONG... 38-33.8 N 115-31.65 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4269142.
 GEOLOGIC PROVINCE.. EASTING.... 628293.
 MAP REFERENCE..... LUND 1:250000, BLUE EAGLE SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.8
 PERTINENT LITHOLOGY..... ISSUES FROM TOE OF ALLUVIAL FAN.

WATER ANALYSIS

ANALYSIS IN EPM

BA..... FE+3..... NA+K. 1.7
 BE..... FE(TOT). NB... SR... TRITIUM (T.U.)..... L 8.

OTHER ANALYTICAL DATA... CL + SO4 = 1.05 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00685

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074597

NAME OF SAMPLE SOURCE... BLUE EAGLE SPRING

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 08N 057E 11 NW OF SE SE LAT/LONG... 38-33.8 N 115-31.65 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4269142.
 GEOLOGIC PROVINCE.. EASTING.... 628293.

MAP REFERENCE..... LUND 1:250000, BLUE EAGLE SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/10/06
 TEMPERATURE (C)..... 27.8
 DISCHARGE..... 1860.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 584.

ANALYSIS IN MG/L

AG..... CO3..... N
 AL..... CR..... MG... 28.
 BA..... FE+3..... NA+K. 48. SO4.. 36.
 CA..... 30. HCO3..... 297.
 CL..... 9.

OTHER ANALYTICAL DATA... SAR = 1.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A. S. AND RUSH, F. E., 1974

RECORD 00686

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074596

NAME OF SAMPLE SOURCE... BLUE EAGLE SPRINGS

WARNING NUMBER..... 128

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 08N 057E 11 SE OF SE LAT/LONG... 38-33.8 N 115-31.65 W

STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, BLUE EAGLE SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

UTM_ZONE... +11
 NORTHING... 4269142.
 EASTING... 628293.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.8
 DISCHARGE..... 1385.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00687

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074889

NAME OF SAMPLE SOURCE... BOLE SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 05E 30 NW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-21.95 N 116-16.2 W
 UTM_ZONE... +11
 NORTHING... 4024572.
 EASTING... 565490.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/27
 TEMPERATURE (C)..... 22.
 DISCHARGE..... 12.

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 776.
 TOTAL DISSOLVED SOLIDS... 500.

ANALYSIS IN PPM

AG.....		CO3..... N	LI... 0.17		
AL... 0.11		CR.....	MG... 0.6		
AU.....		CU.....	MO... 106.	SI02. 33.	
B.....		F..... 1.0	NA... 106.		
BA.....		FE+3.....	NA+K.	S04.. 113.	
BE.....		FE(TOT). 0.03	NB... 1.0	SR... 0.6	
CA... 38.		HCO3..... 306.	NO3.. 1.0		
CD.....		H2S.....	PO4.. N		
CL... 27.					
CO.....		K..... 9.2			

ISOTOPE\$ (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-105
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00688

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074403

NAME OF SAMPLE SOURCE... BURRELL HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11S 47E 21
 STATE..... NEVADA

COORDINATES
 LAT/LONG... 36-48.0 N 116-43.5 W
 UTM_ZONE... +11

COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, BARE MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

NORTHING... 4072519.
 EASTING.... 524533.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/05
 TEMPERATURE (C)..... 38.9

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 814.
 TOTAL DISSOLVED SOLIDS... 539.

ANALYSIS IN PPM

AG.... L 0.025	CO3..... N	LI.... 0.25	SB... L 0.1
AL....	CR..... L 0.02	MG... 0.4	
AS.... 0.000001	CS..... 0.6	MN... 0.02	SE... L 0.0001
AU....	CU..... L 0.02	MO... 0.02	SI02. 62.
B.....	F..... 6.0	NA... 151.	SN... L 0.05
BA.... 0.06	FE+3....	NA+K.	S04.. 121.
BE.... L 0.005	FE(TOT). 0.06	NB... 0.02	SR... 0.05
BI.... 0.01	GA.....	NH4.. 0.2	
BR....	GE.....	NI... 0.02	
CA.... 28.	HCO3.... 246.	NO3.. 0.4	
CA+MG.	HG..... L 0.0005	PB... L 0.02	
CD....	H2S.....	PO4.. 0.1	
CL.... 44.	I.....	RB... 0.047	ZN... 0.22
CO.... L 0.005	K..... 6.0		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J.W. AND MILES, M.J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA
 UNIV., RENO, DESERT RESEARCH INST.; CENTER WATER RESOURCES RESEARCH PROJ. 26

RECORD 00689

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074572

NAME OF SAMPLE SOURCE... BUTTERFIELD (FLAG, SUNNYSIDE) SPRINGS
 WARNING NUMBER..... 136

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07N 06E 28 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-26.7 N 115-00.4 W
 UTM ZONE... +11
 NORTHING... 4256866.
 EASTING.... 673959.

MAP REFERENCE..... LUND 1:250000, SUNNYSIDE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1944/00/00
 TEMPERATURE (C)..... 23.9
 DISCHARGE..... 2000.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 283.

ANALYSIS IN PPM

AL....	CR.....	MG... 23.		
AU....	CU.....	MO... 0.02	SI02. 46.	
BA....	FE+3....	NA+K. 2.	S04.. 27.	
CA.... 40.	HCO3.... 178.			
CL.... 18.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... FE + AL = 0.3 PPM
 QUALIFICATION FIELD... TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 65-75 F.

REFERENCE AND IDENTIFICATION

COMPILED BY... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE... MAXEY, G. B. AND EAKIN, T. E., 1949; WARING, G. A., 1965; ADAMS, W. B., 1944

RECORD 00690

GEO THERM FILE ID: 0074994

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BUTTON SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	17S 050E 35 NE OF SE	LAT/LONG...	36-25.8 N 116-18.1 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4031668.
GEOLOGIC PROVINCE..			EASTING....	562598.

MAP REFERENCE... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/24
 TEMPERATURE (C)..... 34.
 DISCHARGE..... 6.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 620.

REFERENCE AND IDENTIFICATION

COMPILED BY... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-67
 REFERENCE... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00691

GEO THERM FILE ID: 0074600

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CARL HANKS WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	08N 057E 14 SW OF NE	LAT/LONG...	38-33.2 N 115-31.6 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4268033.
GEOLOGIC PROVINCE..			EASTING....	628383.

MAP REFERENCE... LUND 1:250000, BLUE EAGLE SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/08/00
 TEMPERATURE (C)..... 21.7
 WELL DEPTH (M)..... 56.
 DISCHARGE..... 600.

OTHER SAMPLE INFORMATION.. 14 INCH DIAMETER, USED FOR IRRIGATION.

REFERENCE AND IDENTIFICATION

COMPILED BY... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE... VAN DENBURGH, A. S. AND RUSH, F. E., 1974

RECORD 00692

GEO THERM FILE ID: 0074601

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CARL HANKS WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 08N 057E 14 SW OF NE LAT/LONG... 38-33.2 N 115-31.6 W
 COUNTY..... NYE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4268033.
 MAP REFERENCE..... LUND 1:250000, BLUE EAGLE SPRINGS 1:62500 EASTING.... 628383.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/00/00
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 56.
 DISCHARGE..... 600.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., JR., 1968

RECORD 00693

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074526

NAME OF SAMPLE SOURCE... CEDAR SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 02S 051E 21 SE LAT/LONG... 37-45.05 N 116-16.8 W
 COUNTY..... NYE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4178209.
 MAP REFERENCE..... GOLDFIELD 1:250000, KAWICH PEAK 1:62500 EASTING.... 563429.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/01
 TEMPERATURE (C)..... 25.
 DISCHARGE..... 2.5

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 533.
 TOTAL DISSOLVED SOLIDS... 346.

ANALYSIS IN PPM

AG.....	CO3..... N			
AL.....	CR.....	MG...	5.9	
AS.....	CS.....	MN... N		
AU.....	CU.....	MO...		SI02. 38.
B..... 0.18	F..... 0.8	NA... 47.		S04.. 48.
BA.....	FE+3.....	NA+K.		
BE.....	FE(TOT). 0.03			
CA..... 62.	HCO3..... 240.	NO3.. 0.1		
CD.....	H2S.....	P04.. N		
CL..... 23.				
CO.....	K..... 2.5			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 1.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A. S. AND RUSH, F. E., 1974

RECORD 00694

 GEOTHERM FILE ID: 0074603

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHARNOCK (BIG BLUE) SPRINGS
 WARING NUMBER..... 116

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 13N 044E 16
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... TONOPAH 1:250000, CARVERS NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

COORDINATES
 LAT/LONG... 38-56.55 N 117-03.25 W
 UTM ZONE... +11
 NORTHING... 4310189.
 EASTING.... 495306.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.7
 DISCHARGE..... 450.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00695

 GEOTHERM FILE ID: 0002166

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHARNOCK SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 13N 44E 32 SE
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... CARVERS 1:24000, TONOPAH 1:25000
 OTHER LOCALITY INFORMATION: IN BIG SMOKY VALLEY

COORDINATES
 LAT/LONG... 38-56.5 N 117-03.1 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1913/09/00 MEINZER, O. E.
 TEMPERATURE (C)..... 32.
 DISCHARGE..... Q 1703. L/MIN
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS.

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.
 TOTAL DISSOLVED SOLIDS... 189.

ANALYSIS IN PPM

AG....	CO3..... N			
AL....	CR.....	MG...	4.	
AU....	CU.....	MO...		SI02. 45.
BA....	FE+3....	NA+K.	11.	
BE....	FE(TOT). T			
CA.... 27.	HCO3..... 96.	NO3..	0.2	
CL.... 8.				

ISOTOPES (0/00)

QUALIFICATION FIELD..... VOLUME FLOW RATE IS TOTAL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 MEINZER, O. E., 1917, USGS WATER SUP. PAPER 423, P. 153 - 154

RECORD 00696

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074272

NAME OF SAMPLE SOURCE... CHIMNEY HOT SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 07N 55E 10 NW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 38-28.0 N 115-47.3 W
 UTM ZONE... +11
 NORTHING... 4258083.
 EASTING.... 605708.

MAP REFERENCE..... LUND 1:250000, THE WALL NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1934/02/07

TEMPERATURE (C)..... 60.0

DISCHARGE..... 360. L/MIN

WATER ANALYSIS

PH..... 7.5

SPECIFIC CONDUCTANCE..... 640.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	17.	
B....		F.....	NA...	68.	
BA....		FE+3....	NA+K.		S04.. 47.
CA....	56.	HCO3....	NO3.. N		
CL....	26.				
CO....		K.....		17.	

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... VAN DENBURGH, A. S., AND RUSH, F. E., 1974, WATER RESOURCES APPRAISAL OF RAILROAD AND PENOYER VALLEYS, EAST-CENTRAL NEVADA; NEVADA DEPT CONSERV. NAT. RESRS WATER RESRS RECONN. SER. REPT. 60

RECORD 00697

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074139

NAME OF SAMPLE SOURCE... CHIMNEY HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 07N 55E 16 SE OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 38-28.2 N 115-47.2 W
 UTM ZONE... +11
 NORTHING... 4258455.
 EASTING.... 605848.

MAP REFERENCE..... LUND 1:250000, THE WALL NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 71.1

DISCHARGE..... 20. L/MIN

OTHER SAMPLE INFORMATION.. WARING NO. 127

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... FIERO, G. W., 1968, REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA; NEV. UNIV., RENO; DESERT RESEARCH INST.; CNT. WATER RESRS. RESEARCH MISC. REPT. 5

WARING, 1965, NO. 127

RECORD 00698

GEO THERM FILE ID: 0074415

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHIMNEY HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07N 55E 16
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-28.0 N 115-47.3 W
 UTM ZONE... +11
 NORTHING... 4258083.
 EASTING.... 605708.

MAP REFERENCE..... LUND 1:250000, THE WALL NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/11/02
 TEMPERATURE (C)..... 66.1
 DISCHARGE..... 379. L/MIN
 DEPOSITS OR ALTERATION.... TUFA
 OTHER SAMPLE INFORMATION.. THREE SPRINGS ISSUE FROM MOUND OF TUFA.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 763.

ANALYSIS IN PPM

AG.... CO3..... N
 AL.... CR.....
 BA.... FE+3..... MG... 22.
 CA.... 72. HCO3..... 433. NA+K. 70. SO4.. 51.
 CL.... 11.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F.E. AND EVERETT, T.E. (1966) WATER RESOURCES APPRAISAL OF LITTLE FISH LAKE, HOT CREEK,
 AND LITTLE SMOKEY VALLEYS, NEVADA; NEVADA DEPT. CONSERV. NAT. RESRS. WATER RESRS-RECONN. SER. REPT. 30

RECORD 00699

GEO THERM FILE ID: 0074310

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CHIMNEY SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07N 55E 16 NW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-28. N 115-47.2 W
 UTM ZONE... +11
 NORTHING... 4258085.
 EASTING.... 605853.

MAP REFERENCE..... LUND 1:250000, THE WALL NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1934/02/07
 TEMPERATURE (C)..... 60.0
 DISCHARGE..... 360. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G.W. (1968) REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA; NEV. UNIV., RENO;
 DESERT RESH. INST; CENT. WATER RESRS. RESH. MISC. RP. 5

RECORD 00700

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074190

NAME OF SAMPLE SOURCE... COYOTE HOLE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06N 54E 11 SW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-23.3 N 115-51.4 W
 UTM ZONE... +11
 NORTHING... 4249315.
 EASTING.... 599854.

MAP REFERENCE..... LUND 1:250000, THE WALL NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/07
 TEMPERATURE (C)..... 45.0
 DISCHARGE..... 2. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1070.

ANALYSIS IN PPM

CL.... 0.8

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... VAN DENBURGH, A. S., AND RUSH, F. E., 1974, WATER RESOURCES APPRAISAL OF RAILROAD AND PENOYER VALLEYS, EAST-CENTRAL NEVADA; NEVADA DEPT CONSRV AND NAT. RESOURCES, WATER RESOURCES - RECONN. SER. REPT.

60

RECORD 00701

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074913

NAME OF SAMPLE SOURCE... CRYSTAL POOL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 050E 03 SE OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-25.1 N 116-19.3 W
 UTM ZONE... +11
 NORTHING... 4030361.
 EASTING.... 560814.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1929/02/24
 TEMPERATURE (C)..... 33.
 DISCHARGE..... 2834.

PERTINENT LITHOLOGY..... SPRING CROPS OUT IN ALLUVIUM.

WATER ANALYSIS

ANALYSIS IN EPM

BA.... FE+3.... NA+K. 3.5
 CA+MG. 4.1

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... CL + SO4 = 2.5 EPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-11-80

REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00702

GEOOTHERM FILE ID: 0074914

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRYSTAL POOL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 050E 03 NW OF SE NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-25.1 N 116-19.3 W
 UTM ZONE... +11
 NORTHING... 4030361.
 EASTING.... 560814.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/00

TEMPERATURE (C)..... 33.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 432.

ANALYSIS IN PPM

AG.... CO3..... N
 AL.... CR.....
 AU.... CU.....
 B..... 0.31 F..... 1.7
 BA.... FE+3.....
 CA.... 40. HCO3..... 278.
 CL.... 22.
 CO.... K..... 8.6

ISOTOPES (0/00)

LI... 0.09
 MG... 20.
 MO... SI02. 25.
 NA... 70.
 NA+K. S04.. 81.
 NO3.. 0.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-11-80

REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00703

GEOOTHERM FILE ID: 0074931

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... CRYSTAL SPRING

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 050E 03 NE OF SE NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-25.1 N 116-19.8 W
 UTM ZONE... +11
 NORTHING... 4030356.
 EASTING.... 560067.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/12/30

TEMPERATURE (C)..... 30.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 657.
 TOTAL DISSOLVED SOLIDS... 593.

ANALYSIS IN PPM

AG.... CO3..... N
 AL.... CR.....
 AU.... CU.....
 B..... F..... 1.4
 BA.... FE+3.....

ISOTOPES (0/00)

MG... 20.
 MO... SI02. 26.
 NA... 80.
 NA+K. S04.. 92.

CA.... 48. HC03.... 311.
 CL.... 32.
 CO.... K..... 8.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-78
 REFERENCE..... NAFF, R. L., 1973

RECORD 00704

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074932

NAME OF SAMPLE SOURCE... CRYSTAL SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18S 05E 03 NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-25.4 N 116-19.9 W
 UTM ZONE... +11
 NORTHING... 4030910.
 EASTING.... 559914.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/29
 TEMPERATURE (C)..... 33.
 DISCHARGE..... 2824.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 650.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-79
 REFERENCE..... EAKIN, T. E., 1963A

RECORD 00705

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074923

NAME OF SAMPLE SOURCE... D.H. WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 05E 36 SE OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-25.6 N 116-16.9 W
 UTM ZONE... +11
 NORTHING... 4031312.
 EASTING.... 564393.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/03/10
 TEMPERATURE (C)..... 33.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 669.
 TOTAL DISSOLVED SOLIDS... 545.

ANALYSIS IN PPM

AG....	CO3..... N	LI....	0.08		
AL....	CR.....	MG....	20.		
AS....	CS.....	MN....	0.02		
AU....	CU.....	MO....		SI02.	24.
B.....	0.29	F.....	1.8	NA....	69.

ISOTOPES (0/00)

BA....	FE+3....	NA+K.	S04..	77.
BE....	FE(TOT) 0.23	NB...	SR...	0.93
CA.... 46.	HCO3.... 301.	N03.. N		
CD....	H2S.....	P04.. N		
CL.... 20.				
CO....	K..... 8.6			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-71
 REFERENCE..... NAFF, R. L., 1973

RECORD 00706

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074422

NAME OF SAMPLE SOURCE... DARROUGH HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 43E 08
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-49.5 N 117-10.4 W
 UTM ZONE... +11
 NORTHING... 4297164.
 EASTING... 484953.

MAP REFERENCE..... TONAPAH 1:250000, CARVERS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/00/00
 TEMPERATURE (C)..... 95.0
 DISCHARGE..... 348. L/MIN

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 479.

ANALYSIS IN PPM

AG....	CO3.... 3.	LI... 0.3		
AL....	CR.....	MG... 0.1		
AU....	CU.....	MO... 110.	SI02.	98.
B.... 0.22	F..... 14.	NA... 110.	S04..	53.
BA....	FE+3....	NA+K.		
CA.... 1.3	HCO3.... 146.			
CL.... 12.				
CO....	K..... 2.6			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MARINER, R. H., RAPP, J. B., WILLEY, L. M., AND PRESSER, T. S., 1964, CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF THE PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA: US GEOL. SURVEY OPEN FILE REPORT

RECORD 00707

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002109

NAME OF SAMPLE SOURCE... DARROUGH HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 43E 17
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... CARVERS 1:24000, TONAPAH 1:250000

COORDINATES
 LAT/LONG... 38-49.2 N 117-10.7 W

OTHER LOCALITY INFORMATION: IN BIG SMOKY VALLEY

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1913/09/00 MEINZER, O. E.
 TEMPERATURE (C)..... Q 87.7
 DISCHARGE..... Q 568. L/MIN
 PERTINENT LITHOLOGY..... FROM ALLUVIUM NEAR PALEOZOIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.
 ALKALINITY..... 130. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 382.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3.....	31.			
AL....	CR.....		MG...	3.	
AU....	CU.....		MO...		SI02. 88.
BA....	FE+3....		NA+K.	80.	S04.. 60.
BE....	FE(TOT). T				
CA....	13. HCO3....	102.	N03..	N	
CL....	15.				

QUALIFICATION FIELD..... TOTAL FLOW OF SEVERAL SPRINGS 175 GPM. SAMPLE COLLECTED 1963/09/30 WITH TEMPERATURE OF 92. C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK MEINZER, O. E. 1917, USGS WATER SUP. PAPER 423, P. 153 - 154

RECORD 00708

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002167

NAME OF SAMPLE SOURCE... DARROUGH HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 43E 08 SW
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... CARVERS 1:24000, TONOPAH 1:250000

COORDINATES

LAT/LONG... 38-49.2 N 117-10.4 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/22 HEWETT, D. E.
 TEMPERATURE (C)..... L 100.0
 DISCHARGE..... R 757.

WATER ANALYSIS

DATE/ANALYST..... 1954/09/10 BRENNAN, R.
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 472.
 ALKALINITY..... 4. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 362.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3.....	27.	LI...	0.4	
AL....	CR.....		MG...	N	
AU....	CU.....		MO...		SI02. 106.
B....	0.1 F.....	14.	NA...	107.	
BA....	FE+3....		NA+K.		S04.. 48.
CA....	1.6 HCO3....	114.	N03..	0.1	
CL....	14.				
CO....	K.....	2.6			

OTHER ANALYTICAL DATA... FAINT H2S, FEEBLE EFFLORVESCENCE NA CO3 AND SO2. TOTAL ALKALINE 168 PPM.

QUALIFICATION FIELD..... FLOW 150-200 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE DON WHITE, USGS, MENLO PARK

RECORD 00709

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002168

NAME OF SAMPLE SOURCE... DARROUGH HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 11N 034E 07 SE
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... CARVERS 1:24000, TONOPAH 1:250000

COORDINATES

LAT/LONG... 38-49.2 N 117-10.5 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/01/31
 TEMPERATURE (C)..... 82.0
 DISCHARGE..... 189. L/MIN
 PERTINENT LITHOLOGY..... QUATERNARY ALLUVIUM.

WATER ANALYSIS

PH..... 8.7
 SPECIFIC CONDUCTANCE..... 472.

ANALYSIS IN PPM

AG.....		CO3.....	24.					
AL.....	0.1	CR.....		MG... N				
AS.....		CS.....		MN... N				
AU.....		CU.....		MO... N		SI02.	105.	
B.....	0.27	F.....	15.	NA... 104.		S04..	40.	
BA.....		FE+3.....		NA+K.				
BE.....		FE(TOT).....	0.05			U....	0.0001	
CA.....	1.2	HCO3.....	112.	NO3.. N				
CD.....		H2S.....		P04.. 0.1				
CL.....	12.							
CO.....		K.....	2.4					

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... RA .2 UUC/L

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 SCOTT AND BARKER, 1962, PP. 426

RECORD 00710

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074203

NAME OF SAMPLE SOURCE... DARROUGH'S HOT SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 11N 43E 07 SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-49.3 N 117-10.8 W
 UTM ZONE... +11
 NORTHING... 4296795.
 EASTING... 484374.

MAP REFERENCE..... TONAPAH 1:250000, CARVERS 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 92.2
 DISCHARGE..... 600. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGE IS 82 TO 92.2 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... FIERO, GW (1968) REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA; NEVADA UNIV. RENO;
DESERT RESH INST; CNT WTR RESRS RESH MIS. RPT 5

RECORD 00711

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074326

NAME OF SAMPLE SOURCE... DARROUGH'S HOT SPRINGS
WARING NUMBER..... 117

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 11N 43E 07
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 38-49.3 N 117-10.8 W
UTM ZONE... +11
NORTHING... 4296795.
EASTING.... 484374.

MAP REFERENCE..... TONAPAH 1:250000, CARVERS 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 97.2
DISCHARGE..... 757. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... KOENIG, J.B. (1970) GEOTHERMAL EXPLORATION IN THE WESTERN UNITED STATES; GEOTHERMICS, SPEC.
ISSUE 2 VOL.2 PT.1 PP 1-13. (WARING, 1965-NO. 117)

RECORD 00712

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074423

NAME OF SAMPLE SOURCE... DARROUGH'S HOT SPRINGS, (STEAM WELL)

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 11N 43E 08
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 38-49.5 N 117-10.4 W
UTM ZONE... +11
NORTHING... 4297164.
EASTING.... 484953.

MAP REFERENCE..... TONAPAH 1:250000, CARVERS 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/17
TEMPERATURE (C)..... 94.0
DISCHARGE..... 299. L/MIN

WATER ANALYSIS

PH..... 8.3
SPECIFIC CONDUCTANCE..... 499.

ANALYSIS IN PPM

AG..... CO3..... 3. LI... 0.3
AL..... CR..... 0.1
AU..... CU..... SI02. 105.
B..... 0.24 F..... 15. NA... 110.
BA..... FE+3..... S04.. 55.
CA..... 1.4 HCO3..... 165.
CL..... 12.
CO..... K..... 2.9

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MARINER, R. H., RAPP, J. B., WILLEY, L. M., AND PRESSER, T. S., 1974, CHEMICAL COMPOSITION

AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF THE PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA:
U. S. GEOL. SURVEY OPEN-FILE REPORT

RECORD 00713

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074918

NAME OF SAMPLE SOURCE... DAVIS RANCH SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
COUNTRY..... UNITED STATES 18S 050E 11 NE OF NW LAT/LONG... 36-24.5 N 116-18.6 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... NYE NORTHING... 4029260.
GEOLOGIC PROVINCE.. EASTING.... 561868.
MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/12/29
TEMPERATURE (C)..... 21.

WATER ANALYSIS

PH..... 7.7
SPECIFIC CONDUCTANCE..... 732.
TOTAL DISSOLVED SOLIDS... 672.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	22.		
AU....	CU.....	MO...		SI02.	30.
B.....	F..... 1.7	NA...	101.		
BA....	FE+3....	NA+K.		S04..	114.
CA.... 50.	HCO3.... 340.				
CL.... 34.					
CO....	K..... 11.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-11-84
REFERENCE..... NAFF, R. L., 1973

RECORD 00714

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074919

NAME OF SAMPLE SOURCE... DAVIS RANCH SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
COUNTRY..... UNITED STATES 18S 050E 11 SE LAT/LONG... 36-23.9 N 116-18.3 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... NYE NORTHING... 4028154.
GEOLOGIC PROVINCE.. EASTING.... 562324.
MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/25
TEMPERATURE (C)..... 22.
DISCHARGE..... 30.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 750.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-11-85
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00715

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074920

NAME OF SAMPLE SOURCE... DAVIS RANCH SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 050E 11 NE OF SE LAT/LONG... 36-23.9 N 116-18.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4028154.
 GEOLOGIC PROVINCE.. EASTING.... 562324.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/25
 TEMPERATURE (C)..... 25.
 DISCHARGE..... 397.
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS IN THIS LOCATION.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 750.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-85
 REFERENCE..... EAKIN, T. E., 1963A

RECORD 00716

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074921

NAME OF SAMPLE SOURCE... DAVIS RANCH SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 050E 11 NE OF SE LAT/LONG... 36-23.9 N 116-18.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4028154.
 GEOLOGIC PROVINCE.. EASTING.... 562324.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... Q 27.
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS IN THIS LOCATION.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 760.

QUALIFICATION FIELD..... TEMPERATURES RANGE FROM 24 TO 27 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-85
 REFERENCE..... HUGHES, J. L., 1966

RECORD 00717

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074922

NAME OF SAMPLE SOURCE... DAVIS RANCH WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 050E 11 SE LAT/LONG... 36-23.9 N 116-18.3 W

STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

UTM_ZONE... +11
 NORTHING... 4028154.
 EASTING.... 562324.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/02/02
 TEMPERATURE (C)..... 23.
 DISCHARGE..... 174.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-85
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00718

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074936

NAME OF SAMPLE SOURCE... DEVIL'S HOLE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 050E 36 SW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-25.6 N 116-17.3 W
 UTM_ZONE... +11
 NORTHING... 4031307.
 EASTING.... 563796.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/12/09
 TEMPERATURE (C)..... 33.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 677.
 TOTAL DISSOLVED SOLIDS... 555.

ANALYSIS IN PPM

AG.....		CO3..... N	LI... 0.09		
AL..... 0.01		CR.....	MG... 24.		
AU.....		CU.....	MO... 22.	SI02.	
B..... 0.32		F..... 1.6	NA... 65.		
BA.....		FE+3.....	NA+K.	S04.. 76.	
BE.....		FE(TOT). N	NB... 0.89	SR... 0.89	
CA..... 50.		HCO3..... 310.	NO3.. 0.2		
CD.....		H2S.....	P04.. N		
CL..... 20.					
CO.....		K..... 7.6			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-68
 REFERENCE..... NAFF, R. L., 1973

RECORD 00719

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074937

NAME OF SAMPLE SOURCE... DEVIL'S HOLE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 050E 36 SW OF SE
 STATE..... NEVADA

COORDINATES
 LAT/LONG... 36-25.6 N 116-17.3 W
 UTM_ZONE... +11

COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.
 NORTHING... 4031307.
 EASTING.... 563796.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/21
 TEMPERATURE (C)..... 27.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 686.
 TOTAL DISSOLVED SOLIDS... 554.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....	0.01	CR.....	MG...	19.	
AU....		CU.....	MO....		SI02. 21.
B.....		F..... 1.4	NA....	67.	
BA....		FE+3....	NA+K.		S04.. 78.
BE....		FE(TOT). N			
CA....	52.	HCO3.... 306.	NO3..	0.3	
CD....		H2S.....	P04..	N	
CL....	22.				
CO....		K..... 8.1			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-68
 REFERENCE..... NAFF, R. L., 1973

RECORD 00720

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074938

NAME OF SAMPLE SOURCE... DEVIL'S HOLE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 05E 36 SW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-25.6 N 116-17.3 W
 UTM ZONE... +11
 NORTHING... 4031307.
 EASTING.... 563796.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.
 DISCHARGE..... 450.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 731.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	18.	
B.....		F.....	NA....	35.	
BA....		FE+3....	NA+K.		S04.. 52.
CA....	62.	HCO3.... 315.			
CL....	30.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-68
 REFERENCE..... MILLER, M. R., HARDMAN, GEORGE, AND MASON, H. G., 1953

RECORD 00721

GEOTHERM FILE ID: 0074939

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DEVIL'S HOLE

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 050E 36 SW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 36-25.6 N 116-17.3 W
 UTM ZONE... +11
 NORTHING... 4031307.
 EASTING.... 563796.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/01/22
 TEMPERATURE (C)..... 32.
 DISCHARGE..... 450.

OTHER SAMPLE INFORMATION.. FOUR SPRINGS AT THIS LOCATION.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 686.
 TOTAL DISSOLVED SOLIDS... 425.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N			
AL....		CR.....	MG... 21.		
AU....		CU.....	MO... 23.	SI02.	
B..... 0.38		F..... 1.6	NA... 66.	S04..	79.
BA....		FE+3....	NA+K.		
BE....		FE(TOT).. 0.04			
CA.... 51.		HCO3.... 311.			
CL.... 22.					
CO....		K..... 7.2			

OTHER ANALYTICAL DATA... SAR = 2.08, RSC = 0.83

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-68
 REFERENCE..... EAKIN, T. E., 1963A

RECORD 00722

GEOTHERM FILE ID: 0074940

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DEVIL'S HOLE

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 050E 36 SW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 36-25.6 N 116-17.3 W
 UTM ZONE... +11
 NORTHING... 4031307.
 EASTING.... 563796.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/01/23
 TEMPERATURE (C)..... 33.
 PERTINENT LITHOLOGY..... BONANZA KING FORMATION (CAMBRIAN LIMESTONE)

OTHER SAMPLE INFORMATION.. STANDING WATER IN SOLUTION SINK OF UPPER BONANZA KING FORMATION.

WATER ANALYSIS

ANALYSIS IN EPM

ISOTOPES (0/00)

BA.... FE+3.... NA+K. 2.8
 CA+MG. 4.3
 OTHER ANALYTICAL DATA... CL + SO4 = 2.28 EPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-68
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00723

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000789

NAME OF SAMPLE SOURCE... DIANA'S PUNCH BOWL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 14N 47E 22 SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLET 1:250000, DIANA'S PUNCH BOWL 1:62500

COORDINATES

LAT/LONG... 39-01.7 N 116-40.0 W
 UTM ZONE... +11
 NORTHING... 4319766.
 EASTING.... 528853.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 59.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE - MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION.... AN APRON OF CaCO3 DEPOSITED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 605.
 ALKALINITY..... 278. AS HCO3

ANALYSIS IN MG/L

AG....	CO3.....	LI... 0.4	SB...
AL....	CR.....	MG... 11.	SC...
AS.... 0.01	CS..... L 0.1	MN... L 0.02	
AU....	CU..... 0.05	MO...	SI02. 46.
B.... 0.21	F..... 2.8	NA... 55.	
BA....	FE+3....	NA+K.	S04.. 59.
BE....	FE(TOT). L 0.02	NB...	SR... 1.0
BR.... 0.04			
CA.... 50.			
CA+MG.	HG..... L 0.0001		
CD....	H2S.....	PO4.. L 0.01	
CL.... 8.	I..... 0.02	RB... 0.07	
CO....	K..... 15.		

ISOTOPES (0/00)

DEL D OF WATER..... -124.9
 DEL O(18) OF WATER... -16.24

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00724

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074426

NAME OF SAMPLE SOURCE... DIANA'S PUNCH BOWL, DEVIL'S PUNCH BOWL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 14N 47E 22 SW OF SW

COORDINATES

LAT/LONG... 39-01.7 N 117-10.2 W

STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLET 1:250000, DIANA'S PUNCH BOWL 1:62500

UTM_ZONE... +11
 NORTHING... 4319726.
 EASTING.... 485285.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/12/18
 TEMPERATURE (C)..... 56.7
 DISCHARGE..... 765. L/MIN
 DEPOSITS OR ALTERATION.... TRAVERTINE CONE 75 FT HIGH, 600 FT IN DIAMETER.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., 1968, REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA; NEVADA UNIV.
 RENO; DESERT RESH INST. CT. WAT. RESRS. RES. MISC. REPT. 5

RECORD 00725

GEOHERM SAMPLE FILE

GEOTHERM FILE ID: 0002171

NAME OF SAMPLE SOURCE... DIANA'S PUNCHBOWL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 14N 47E 22 SE
 STATE..... NEVADA
 COUNTY..... NYE

COORDINATES

LAT/LONG... 39-01.8 N 116-39.9 W

MAP REFERENCE..... DIANAS PUNCH BOWL 1:62500, MILLET 1:250000
 OTHER LOCALITY INFORMATION: 5 MI. SOUTH OF POTTS

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/14 WHITE, D. E.
 TEMPERATURE (C)..... 60.5
 DEPOSITS OR ALTERATION.... POOL LOCATED IN LARGE TRAVERTINE CONE ON ALLUVIUM
 OTHER SAMPLE INFORMATION.. SOME SAMPLES GRAVIMETRICALLY DETERMINED, FE IN SOLUTION WHEN ANALYZED.

WATER ANALYSIS

DATE/ANALYST..... 1958/03/07 WHITEHEAD, H. C.
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 616.
 ALKALINITY..... 177. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 401.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3..... N		LI... 0.3	
AL.... N		CR.....		MG... 11.	
AU.....		CU.....		MO... 43.	SI02. 43.
B..... 0.32		F..... 2.5		NA... 55.	S04.. 62.
BA.....		FE+3.....		NA+K.	
BE.....		FE(TOT). N			
BI.....		GA.....		NH4.. 0.8	
CA.... 52.		HCO3..... 300.		NO3.. N	
CL.... 10.					
CO....		K..... 16.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00726

GEOHERM SAMPLE FILE

GEOTHERM FILE ID: 0002172

NAME OF SAMPLE SOURCE... DUCKWATER

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 13N 56E 32
 COUNTY..... NYE
 MAP REFERENCE..... DUCKWATER 1:62500, LUND 1:250000
 OTHER LOCALITY INFORMATION: 5 MI. NORTH OF DUCKWATER

COORDINATES
 LAT/LONG... 38-57.0 N 115-42.0 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/23 HEWETT, D. E.
 TEMPERATURE (C)..... 33.3
 DISCHARGE..... 7571. L/MIN
 DEPOSITS OR ALTERATION.... VERY LARGE TRAVERTINE APRON

WATER ANALYSIS

DATE/ANALYST..... 1954/09/10 BRENNAN, R.
 PH..... 7.8
 SPECIFIC CONDUCTANCE..... 589.
 ALKALINITY..... 259. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 355.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3..... N	LI...	0.1		
AL.....	CR.....	MG...	23.		
AU.....	CU.....	MO...		SI02.	31.
B..... 0.15	F..... 0.5	NA...	29.		
BA.....	FE+3....	NA+K.		S04..	48.
CA..... 66.	HCO3.... 319.	NO3..	0.2		
CL..... 7.5					
CO.....	K..... 7.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00727

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074607

NAME OF SAMPLE SOURCE... DUCKWATER AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 13N 056E 32 NW OF SE NW
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, DUCKWATER 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES
 LAT/LONG... 38-57.05 N 115-42.0 W
 UTM ZONE... +11
 NORTHING... 4311916.
 EASTING... 612652.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/06/21
 TEMPERATURE (C)..... 33.9

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 587.
 TOTAL DISSOLVED SOLIDS... 380.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3..... N	MG...	22.		
AL.....	CR.....	MO...		SI02.	25.
AU.....	CU.....	NA...	28.		
B..... 0.12	F..... 0.6	NA+K.		S04..	47.
BA.....	FE+3....				
BE.....	FE(TOT). 0.06				

CA.... 62. HCO3.... 321. NO3.. L 0.1
CL.... 8.6
CO.... K..... 6.5

OTHER ANALYTICAL DATA... SAR = 0.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... USGS, UNPUBLISHED DATA

RECORD 00728

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074610

NAME OF SAMPLE SOURCE... DUCKWATER AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 056E 05 NW OF NE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 38-56.1 N 115-42.0 W
UTM ZONE... +11
NORTHING... 4310159.
EASTING.... 612677.

MAP REFERENCE..... LUND 1:250000, DUCKWATER 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/07
TEMPERATURE (C)..... 32.2

WATER ANALYSIS

PH..... 8.2
SPECIFIC CONDUCTANCE..... 535.
TOTAL DISSOLVED SOLIDS... 380.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 25.
AU.... CU..... MO...
B..... 0.11 F..... 0.4 NA... 40. SI02. 34.
BA.... FE+3..... NA+K. S04.. 27.
BE.... FE(TOT). 0.02
CA.... 57. HCO3.... 240. NO3.. L 0.1
CL.... 81.
CO.... K..... 7.3

OTHER ANALYTICAL DATA... SAR = 1.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... USGS, UNPUBLISHED DATA

RECORD 00729

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074928

NAME OF SAMPLE SOURCE... EMBRY WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18S 049E 02 NE OF SE SW
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 36-24.8 N 116-21.01 W
UTM ZONE... +11
NORTHING... 4029789.
EASTING.... 558263.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/12/28

TEMPERATURE (C)..... 21.
WATER ANALYSIS
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 456.
 TOTAL DISSOLVED SOLIDS... 404.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... N
 AL..... CR..... MG... 6.0
 AU..... CU..... MO... SI02. 82.
 B..... F..... 1.0 NA... 75.
 BA..... FE+3.... NA+K. S04.. 49.
 CA..... 25. HCO3.... 219. NO3.. 4.0
 CL..... 16.
 CO..... K..... 8.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-75
 REFERENCE..... NAFF, R. L., 1973

RECORD 00730

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074584

NAME OF SAMPLE SOURCE... EMIGRANT (RIORDON RANCH) SPRINGS
 WARING NUMBER..... 135

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 09N 062E 19
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, MOORMAN SPRING NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.1
 DISCHARGE..... 200.
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS, WATER USED FOR IRRIGATION.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00731

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074979

NAME OF SAMPLE SOURCE... FAIRBANKS SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 050E 09 SE OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/23
 TEMPERATURE (C)..... 27.2
 DISCHARGE..... 1715.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 650.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00732

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074980

NAME OF SAMPLE SOURCE... FAIRBANKS SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 05E 09 SE OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 36-29.6 N 116-20.6 W
 UTM ZONE... +11
 NORTHING... 4038667.
 EASTING.... 558815.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.2
 DISCHARGE..... 1715.
 PERTINENT LITHOLOGY..... IN ALLUVIUM.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 911.

ISOTOPES (0/00)

ANALYSIS IN EPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	18.		
B.....	F.....	NA...	93.		
BA.....	FE+3....	NA+K.	2.8	S04..	74.
CA..... 55.	HCO3.... 367.				
CA+MG. 4.2					

OTHER ANALYTICAL DATA... CL + S04 = 2.28 EPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00733

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074981

NAME OF SAMPLE SOURCE... FAIRBANKS SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 05E 09 SE OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 36-29.6 N 116-20.6 W
 UTM ZONE... +11
 NORTHING... 4038667.
 EASTING.... 558815.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/27
 TEMPERATURE (C)..... 27.2

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 686.
 TOTAL DISSOLVED SOLIDS... 552.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....	0.06	CR.....		MG...	18.		
AS.....		CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	20.
B.....	0.51	F.....	2.2	NA...	71.		
BA.....		FE+3.....		NA+K.		S04..	80.
BE.....		FE(TOT)..	N				
CA.....	51.	HCO3.....	300.	NO3..	N		
CL.....	22.						
CO.....		K.....	8.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NAFF, R. L., 1973

RECORD 00734

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074205

NAME OF SAMPLE SOURCE... GABBS AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	12N 36E	27 NW	LAT/LONG...	38-52.9	N 117-55.2	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	NYE			NORTHING...	4303840.		
GEOLOGIC PROVINCE..				EASTING....	420200.		

MAP REFERENCE..... TONAPAH 1:250000, PARADISE VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 36.7
 WELL DEPTH (M)..... 78.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E. (1962B) GROUND WATER APPRAISAL OF GABBS VALLEY, MINERAL AND NYE CO. NEVADA; NEV DEPT CONSV/NAT RESRS, GRND WTR RESRS RECON SER R 9

RECORD 00735

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074207

NAME OF SAMPLE SOURCE... GABBS AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	13N 36E	28 NW	LAT/LONG...	38-58.0	N 117-56.6	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	NYE			NORTHING...	4313293.		
GEOLOGIC PROVINCE..				EASTING....	418274.		

MAP REFERENCE..... TONAPAH 1:250000, PARADISE PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 53.9
 WELL DEPTH (M)..... 90.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E. (1962B) GROUND-WATER APPRAISAL OF FABBS VALLEY, MINERAL AND NYE CO; NEVADA; NEV DEPT CONSV/NAT RESRS, GRND WATER RESRS. RECN SR 9

RECORD 00736

GEOOTHERM FILE ID: 0074227

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GABBS AREA

LOCATION	TOWNSHIP-RANGE	COORDINATES
COUNTRY..... UNITED STATES	12N 36E 33 SE	LAT/LONG... 38-51.5 N 117-55.6 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4301256.
GEOLOGIC PROVINCE..		EASTING.... 419596.

MAP REFERENCE..... TONAPAH 1:250000, PARADISE VALLEY 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONSTEMPERATURE (C)..... 51.7
WELL DEPTH (M)..... 61.REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... EAKIN, T. E., 1962B, GROUND WATER APPRAISAL OF GABBS VALLEY, MINERAL AND NYE CO. NEVADA;
NEV DEPT CONSV/NAT RESRS, GRND WATR RECONN SER REPT 9

RECORD 00737

GEOOTHERM FILE ID: 0074228

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GABBS AREA

LOCATION	TOWNSHIP-RANGE	COORDINATES
COUNTRY..... UNITED STATES	12N 36E 28 SE	LAT/LONG... 38-52.4 N 117-55.7 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4302922.
GEOLOGIC PROVINCE..		EASTING.... 419468.

MAP REFERENCE..... TONAPAH 1:250000, PARADISE VALLEY 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONSTEMPERATURE (C)..... 62.8
WELL DEPTH (M)..... 76.REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... EAKIN, T. E., 1962B, GROUND WATER APPRAISAL OF GABBS VALLEY, MINERAL AND NYE CO. NEVADA;
NEV DEPT CONSV/NAT RESRS, GRND WATR RECONN SER REPT 9

RECORD 00738

GEOOTHERM FILE ID: 0074230

GEOOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... GABBS AREA

LOCATION	TOWNSHIP-RANGE	COORDINATES
COUNTRY..... UNITED STATES	12N 36E 28 SE	LAT/LONG... 38-52.4 N 117-55.7 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4302922.
GEOLOGIC PROVINCE..		EASTING.... 419468.

MAP REFERENCE..... TONAPAH 1:250000, PARADISE VALLEY 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONSTEMPERATURE (C)..... 68.3
WELL DEPTH (M)..... 99.REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1962B, GROUND WATER APPRAISAL OF GABBS VALLEY, MINERAL AND NYE CO. NEVADA:
 NEV DEPT CONSV/NAT RESRS, GRND WATR RECONN SER REPT 9

RECORD 00739

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074231

NAME OF SAMPLE SOURCE... GABBS AREA

LOCATION		TOWNSHIP-RANGE	COORDINATES	
COUNTRY.....	UNITED STATES	12N 36E 28 SE	LAT/LONG...	38-52.4 N 117-55.7 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4302922.
GEOLOGIC PROVINCE..			EASTING....	419468.
MAP REFERENCE.....	TONAPAH 1:250000, PARADISE VALLEY 1:62500			
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES				

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0
 WELL DEPTH (M)..... 191.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1962B, GROUND WATER APPRAISAL OF GABBS VALLEY, MINERAL AND NYE CO. NEVADA:
 NEV DEPT CONSV/NAT RESRS, GRND WATR RECONN SER REPT 9

RECORD 00740

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074232

NAME OF SAMPLE SOURCE... GABBS AREA

LOCATION		TOWNSHIP-RANGE	COORDINATES	
COUNTRY.....	UNITED STATES	12N 36E 27 NW	LAT/LONG...	38-52.9 N 117-55.2 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4303840.
GEOLOGIC PROVINCE..			EASTING....	420200.
MAP REFERENCE.....	TONAPAH 1:250000, PARADISE VALLEY 1:62500			
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES				

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 57.2
 WELL DEPTH (M)..... 139.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1962B, GROUND WATER APPRAISAL OF GABBS VALLEY, MINERAL AND NYE CO. NEVADA:
 NEV DEPT CONSV/NAT RESRS, GRND WATR RECONN SER REPT 9

RECORD 00741

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074235

NAME OF SAMPLE SOURCE... GABBS AREA

LOCATION		TOWNSHIP-RANGE	COORDINATES	
COUNTRY.....	UNITED STATES	12N 36E 27 NW	LAT/LONG...	38-52.9 N 117-55.2 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4303840.
GEOLOGIC PROVINCE..			EASTING....	420200.
MAP REFERENCE.....	TONAPAH 1:250000, PARADISE VALLEY 1:62500			
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES				

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.8
WELL DEPTH (M)..... 66.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... EAKIN, T. E., 1962B, GROUND WATER APPRAISAL OF GABBS VALLEY, MINERAL AND NYE CO. NEVADA:
NEV DEPT CONSV/NAT RESRS, GRND WATR RECONN SER REPT 9

RECORD 00742

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074604

NAME OF SAMPLE SOURCE... GABBS AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 036E 22 NW LAT/LONG... 38-53.6 N 117-55.45 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... NYE NORTHING... 4305138.
GEOLOGIC PROVINCE.. EASTING.... 419852.

MAP REFERENCE..... TONOPAH 1:250000, PARADISE PEAK 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.1
WELL DEPTH (M)..... 79.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... EAKIN, T. E., 1962A

RECORD 00743

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074716

NAME OF SAMPLE SOURCE... GENE SAWYER WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 036E 28 NE OF SW LAT/LONG... 38-57.7 N 117-56.3 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... NYE NORTHING... 4312733.
GEOLOGIC PROVINCE.. EASTING.... 418701.

MAP REFERENCE..... TONOPAH 1:250000, PARADISE PEAK 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/09/26
TEMPERATURE (C)..... 54.
WELL DEPTH (M)..... 84.

OTHER SAMPLE INFORMATION.. AIR TEMPERATURE ON SAMPLE DATE WAS 35 C. WELL IS PUMPED.

WATER ANALYSIS

PH..... 8.7
SPECIFIC CONDUCTANCE..... 820.

ANALYSIS IN PPM

AL.....	CR.....	MG... L 0.25		
AU.....	CU.....	MO...	SI02.	63.
B.....	F..... 11.	NA... 160.	S04..	238.
BA.....	FE+3....	NA+K.		
CA..... 7.0	HCO3.... 68.			
CL..... 33.				
CO.....	K..... 2.7			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-5-18
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00744

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015475

NAME OF SAMPLE SOURCE... GEORGE P. BROOKS WELL

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	20S 05E 15 SE OF SE NE	LAT/LONG... 36-12.5 N 115-59.95 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	NYE		NORTHING... 4007319.
GEOLOGIC PROVINCE..			EASTING.... 589968.

MAP REFERENCE..... DEATH VALLEY 1:250000, STEWART VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/10/10
 TEMPERATURE (C)..... 27.8
 WELL DEPTH (M)..... 96.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00745

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074225

NAME OF SAMPLE SOURCE... HICK'S HOT SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	11S 47E 16 SW OF SE	LAT/LONG... 36-48.3 N 116-43.2 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	NYE		NORTHING... 4073075.
GEOLOGIC PROVINCE..			EASTING.... 524977.

MAP REFERENCE..... DEATH VALLEY 1:250000, BARE MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 42.8
 OTHER SAMPLE INFORMATION.. WARING NO. 138.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 USGS PROF PAPER 492, NO. 138

RECORD 00746

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002173

NAME OF SAMPLE SOURCE... HICKS (BURRELL) HOT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	11S 37E 21	LAT/LONG... 36-58.0 N 116-43.4 W
STATE.....	NEVADA		
COUNTY.....	NYE		

MAP REFERENCE..... BEAR MTN. 1:62500, DEATH VALLEY 1:250000
 OTHER LOCALITY INFORMATION: 5 1/2 MILES NORTH OF BEATTY

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/13 WHITE, DON E.

TEMPERATURE (C)..... 38.0
 DISCHARGE..... 19. L/MIN
 PERTINENT LITHOLOGY..... FROM ALLUVIUM IN CONTACT WITH ALTERED TERTIARY RHYOLITE.

WATER ANALYSIS

DATE/ANALYST..... 1958/04/02 WHITEH AD AND SCHUCH
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 844.
 ALKALINITY..... 50. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 564.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	LI... N		
AL.....	CR.....	MG... 1.5		
AU.....	CU.....	MO... 169.	SI02. 69.	
B..... 0.4	F..... 5.0	NA... 169.	S04.. 127.	
BA.....	FE+3.....	NA+K.		
CA..... 18.	HCO3..... 254.	NO3.. 0.6		
CL..... 45.				
CO.....	K..... 3.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00747

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074587

NAME OF SAMPLE SOURCE... HOT CREEK CANYON AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	08N 049E 24 SE	LAT/LONG... 38-32.2 N 116-24.3 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4265323.
GEOLOGIC PROVINCE..		EASTING... 551858.
MAP REFERENCE..... TONOPAH 1:250000, MOREY PEAK 1:62500, LITTLE FISH LAKE 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/08/30
 TEMPERATURE (C)..... 34.4

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG... 26.		
BA.....	FE+3.....	NA+K. 52.	S04.. 64.	
CA..... 18.				
CL..... 22.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00748

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074588

NAME OF SAMPLE SOURCE... HOT CREEK CANYON AR A

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	08N 049E 25 NW OF NE	LAT/LONG... 38-31.8 N 116-24.15 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4264585.

GEOLOGIC PROVINCE.. EASTING.... 552081.
MAP REFERENCE..... TONAPAH 1:250000, MOREY PEAK 1:62500, LITTLE FISH LAKE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/08/29
TEMPERATURE (C)..... 33.3
DISCHARGE..... 360.
OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS.

WATER ANALYSIS

PH..... 8.0
SPECIFIC CONDUCTANCE..... 462.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 26.
BA.... FE+3.... NA+K. 52. S04.. 64.
CA.... 18. HCO3..... 204.
CL.... 22.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... RUSH, F. E. AND EVERETT, D. E., 1966

RECORD 00749

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074589

NAME OF SAMPLE SOURCE... HOT CREEK CANYON AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 050E 29 SW OF NW LAT/LONG... 38-31.65 N 116-22.4 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... NYE NORTHING... 4264324.
GEOLOGIC PROVINCE.. EASTING.... 554625.

MAP REFERENCE..... TONAPAH 1:250000, MOREY PEAK 1:62500, HOBBLE CANYON 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/03/19
TEMPERATURE (C)..... 21.1
DISCHARGE..... 75.
OTHER SAMPLE INFORMATION.. ON MINE FAULT IN CANYON.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... FIERO, G. W., JR., 1968

RECORD 00750

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074023

NAME OF SAMPLE SOURCE... HOT CREEK RANCH SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 50E 29 SE OF SE LAT/LONG... 38-31.2 N 116-21.6 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... NYE NORTHING... 4263500.
GEOLOGIC PROVINCE.. EASTING.... 555793.

MAP REFERENCE..... TONAPAH 1:250000, HOBBLE CANYON 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/21

TEMPERATURE (C)..... 62.8
 DISCHARGE..... 763. L/MIN

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1101.
 TOTAL DISSOLVED SOLIDS... 823.

ANALYSIS IN PPM

AG.....		CO3..... N	LI...	1.8	SB...	L 0.2
AL.....	0.000013	CR.....	MG...	15.		
AS.....	0.000013	CS..... 0.62	MN...	0.09		
AU.....		CU..... L 0.004	MO...		SI02.	135.
B.....		F..... 8.	NA...	197.		
BA.....	0.1	FE+3.....	NA+K.		S04..	86.
BE.....		FE(TOT). 0.04	NB...		SR...	0.26
BI.....		GA.....	NH4..	0.1		
CA.....	51.	HCO3..... 545.	NO3..	L 0.1		
CA+MG.		HG..... L 0.2	PB...	L 0.02		
CD.....		H2S.....	PO4..	L 0.1		
CL.....	42.	I.....	RB...	0.22	ZN...	0.02
CO.....		K..... 13.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J.W. AND MILES, M. J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA UNIV. RENO; DESERT RESEARCH INST. CENTER WATERRESEARCH PROJECT 26

RECORD 00751

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074086

NAME OF SAMPLE SOURCE... HOT CREEK RANCH SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	08N 50E	29 NE OF SE	LAT/LONG...	38-31.2 N 116-21.6 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	NYE			NORTHING...	4263500.
GEOLOGIC PROVINCE..				EASTING....	555793.
MAP REFERENCE.....	TONAPAH 1:250000, HOBBLE CANYON 1:24000				
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/00/00
 TEMPERATURE (C)..... 71.1
 DISCHARGE..... 763. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G.W. (1968) REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA: NEV. UNIV. RENO; DESERT RESH. INST.; CNT WATER RESRS. RESH. MISC. RPT 5

RECORD 00752

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074575

NAME OF SAMPLE SOURCE... HOT CREEK RANCH SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	06N 061E	18	LAT/LONG...	38-22.9 N 115-09.2 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	NYE			NORTHING...	4249571.
GEOLOGIC PROVINCE..				EASTING....	661299.

MAP REFERENCE..... LUND 1:250000, SUNNYSIDE NW 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/04/16
 TEMPERATURE (C)..... 26.7

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 548.
 TOTAL DISSOLVED SOLIDS... 343.

ANALYSIS IN PPM

AL....	CR.....	MG...	24.		
AU....	CU.....	MO...		SI02.	28.
B..... 0.1	F..... 1.0	NA...	24.	S04..	43.
BA....	FE+3....	NA+K.			
BE....	FE(TOT).. 0.01				
CA.... 60.	HCO3.... 300.	NO3..	0.6		
CL.... 9.0					
CO....	K..... 5.1				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1966

RECORD 00753

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074576

NAME OF SAMPLE SOURCE... HOT CREEK RANCH SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	06N 06E	18 SE OF NE NE	LAT/LONG... 38-22.9 N 115-09.2 W
STATE..... NEVADA			UTM ZONE... +11
COUNTY..... NYE			NORTHING... 4249571.
GEOLOGIC PROVINCE..			EASTING.... 661299.

MAP REFERENCE..... LUND 1:250000, SUNNYSIDE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1935/04/06
 TEMPERATURE (C)..... 33.3
 DISCHARGE..... 6885.
 DEPOSITS OR ALTERATION... ISSUES FROM ALLUVIUM

WATER ANALYSIS

ANALYSIS IN PPM

AL....	CR.....	MG...	22.		
AU....	CU.....	MO...		SI02.	32.
B..... 0.04				S04..	45.
BA....	FE+3....	NA+K.	32.		
CA.... 58.	HCO3.... 294.	NO3..	0.3		
CL.... 12.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B. AND EAKIN, T. E., 1949

RECORD 00754

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074577

NAME OF SAMPLE SOURCE... HOT CREEK RANCH SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06N 061E 18 COORDINATES
 STATE..... NEVADA LAT/LONG... 38-22.9 N 115-09.2 W
 COUNTY..... NYE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4249571.
 MAP REFERENCE..... LUND 1:250000, SUNNYSIDE NW 1:24000 EASTING.... 661299.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1962/06/23
 TEMPERATURE (C)..... 31.1
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS, WATER USED FOR IRRIGATION.

WATER ANALYSIS
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 540.
 TOTAL DISSOLVED SOLIDS... 342.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AL..... CR..... MG... 22.
 AU..... CU..... MO... 28.
 B..... N F..... 1.0 NA... 29.
 BA..... FE+3..... NA+K. S04.. 45.
 CA..... 60. HCO3..... 288. NO3.. 0.4
 CL..... 8.9
 CO..... K..... 5.3

REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1966

RECORD 00755

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074578

NAME OF SAMPLE SOURCE... HOT CREEK RANCH SPRINGS
 WARING NUMBER..... 137

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06N 061E 18 COORDINATES
 STATE..... NEVADA LAT/LONG... 38-22.9 N 115-09.2 W
 COUNTY..... NYE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4249571.
 MAP REFERENCE..... LUND 1:250000, SUNNYSIDE NW 1:24000 EASTING.... 661299.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... Q 32.2
 DISCHARGE..... 5000.
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS, WATER USED FOR IRRIGATION.
 QUALIFICATION FIELD..... TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 85-90 F.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00756

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002175

NAME OF SAMPLE SOURCE... HOT CREEK SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04N 50E COORDINATES

STATE..... NEVADA
 COUNTY..... NYE
 OTHER LOCALITY INFORMATION: 1 1/2 MILE NW OF RANCH HOUSE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/23 HEWETT, D. F.
 TEMPERATURE (C)..... 88.0
 DISCHARGE..... 757. L/MIN
 OTHER SAMPLE INFORMATION.. CLEAR APPEARANCE, SOME GAS, DARK GRAY MUD ON BOTTOM SAMPLE.

WATER ANALYSIS

DATE/ANALYST..... 1954/09/10 BRENNAN, R.
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1020.
 ALKALINITY..... 92. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 763.

ANALYSIS IN PPM

AG.....	CO3..... N	LI...	1.1		
AL.....	CR.....	MG...	5.2		
AU.....	CU.....	MO...		SI02.	157.
B..... 0.42	F..... 8.0	NA...	200.	S04..	63.
BA.....	FE+3....	NO3..	0.1		
CA..... 28.	HCO3.... 510.				
CD.....	H2S..... T				
CL..... 38.					
CO.....	K..... 16.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00757

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074082

NAME OF SAMPLE SOURCE... HOT CREEK VALLEY SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	07N 51E	30	LAT/LONG...	38-26.2	N	116-16.6	W
STATE..... NEVADA			UTM ZONE...	+11			
COUNTY..... NYE			NORTHING...	4254307.			
GEOLOGIC PROVINCE..			EASTING....	563130.			

MAP REFERENCE..... TONAPAH 1:250000, BLUE JAY SPRING 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 61.1
 DEPOSITS OR ALTERATION... TRAVERTINE PRESENT
 OTHER SAMPLE INFORMATION.. WARING NO. 124.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOSE, R.K. AND TAYLOR, B.E. (1974) GEOTHERMAL SYSTEMS OF NORTHERN NEVADA; USGS OPEN-FILE REPORT 74-271; WARING, G.A. (1965) NO. 124

RECORD 00758

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000795

NAME OF SAMPLE SOURCE... HOT SPRING NEAR DIANA'S PUNCH BOWL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	14N 47E	22 SE	LAT/LONG...	39-01.7	N	116-40.0	W
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STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLET 1:250000, DIANA'S PUNCH BOWL 1:62500

UTM ZONE... +11
 NORTHING... 4319766.
 EASTING.... 528853.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 51.0
 DISCHARGE..... 200. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE - MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION..... AN APRON OF CaCO3 DEPOSITED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 6.7
 SPECIFIC CONDUCTANCE..... 589.
 ALKALINITY..... 271. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....		LI... 0.4	SB...		
AL..... 0.005		CR.....		MG... 11.	SC...		
AS..... 0.02		CS..... L 0.1		MN... L 0.02			
AU.....		CU..... 0.04		MO...	SI02.	46.	
B..... 0.23		F..... 2.8		NA... 57.			
BA.....		FE+3.....		NA+K.	S04..	59.	
BE.....		FE(TOT). L 0.02		NB...	SR...	0.98	
BI.....		GA.....		NH4.. 0.13			
BR..... 0.04							
CA..... 47.							
CA+MG.		HG..... L 0.0001					
CD.....		H2S.....		P04.. L 0.03			
CL..... 8.		I..... 0.01		RB... 0.07			
CO.....		K..... 15.					

ISOTOPES (0/00)

DEL D OF WATER..... -124.8
 DEL O(18) OF WATER... -14.76

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00759

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HOTCREEK RANCH SPRING

GEOHERM FILE ID: 0074421

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08N 50E 29 SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... TONAPAH 1:250000, HOBBLE CANYON 1:24000

COORDINATES

LAT/LONG... 38-31.2 N 116-21.6 W
 UTM ZONE... +11
 NORTHING... 4263500.
 EASTING.... 555793.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 82.0
 DISCHARGE..... 2555. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE RANGES FROM 35 TO 82 C. THREE SPRINGS IN AREA.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 718.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... N
 AL..... CR..... MG... 26.
 BA..... FE+3..... NA+K. 124. S04.. 81.
 CA..... 13. HCO3..... 640.
 CL..... 33.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E. AND EVERETT, D. E., 1966, WATER RESOURCES APPRAISAL OF LITTLE FISH LAKE, HOT
 CREEK, AND LITTLE SMOKEY VALLEYS, NEVADA; NEVADA DEPT CONSERV. AND NAT. RESRS., WATER RESRS. RECONN=SER. REPT. 30.

RECORD 00760

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074896

NAME OF SAMPLE SOURCE... INDIAN ROCK SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 051E 07 SE LAT/LONG... 36-23.9 N 116-16.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4028177.
 GEOLOGIC PROVINCE.. EASTING.... 565463.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/26
 TEMPERATURE (C)..... 33.
 DISCHARGE..... 379.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 645.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-89
 REFERENCE..... WALKER, G. E., AND AKIN, T. E., 1963

RECORD 00761

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074897

NAME OF SAMPLE SOURCE... INDIAN ROCK SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 051E 07 SW LAT/LONG... 36-23.9 N 116-16.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4028177.
 GEOLOGIC PROVINCE.. EASTING.... 565463.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/25
 TEMPERATURE (C)..... 33.
 DISCHARGE..... 22.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 640.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-89
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00762

GEOTHERM FILE ID: 0074898

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... INDIAN ROCK SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 051E 07 NE OF NW SE LAT/LONG... 36-24.1 N 116-16.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4028549.
 GEOLOGIC PROVINCE.. EASTING.... 565759.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/11/00
 TEMPERATURE (C)..... 33.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 412.

ANALYSIS IN PPM

AG....		CO3..... N	LI...	0.09		
AL....		CR.....	MG...	21.		
AU....		CU.....	MO...		SI02.	22.
B.....	0.35	F..... 1.5	NA...	68.		
BA....		FE+3....	NA+K.		S04..	78.
CA....	46.	HCO3.... 304.	NO3..	0.2		
CL....	21.					
CO....		K..... 7.4				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-88
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00763

GEOTHERM FILE ID: 0074899

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... INDIAN SEEPS
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 051E 07 NW OF NW SE LAT/LONG... 36-23.9 N 116-16.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4028177.
 GEOLOGIC PROVINCE.. EASTING.... 565463.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/26
 TEMPERATURE (C)..... 32.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 671.
 TOTAL DISSOLVED SOLIDS... 555.

ANALYSIS IN PPM

AG....		CO3..... N	MG...	19.		
AL....	0.09	CR.....	MO...		SI02.	23.
AU....		CU.....	NA...	66.		
B.....		F..... 1.2	NA+K.		S04..	78.
BA....		FE+3....				

ISOTOPES (0/00)

BE.... FE(TOT). 0.17
 CA.... 52. HCO3.... 309. NO3.. 0.2
 CD.... H2S..... P04.. N
 CL.... 21.
 CO.... K..... 7.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-87
 REFERENCE..... NAFF, R. L., 1973

RECORD 00764

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015477

NAME OF SAMPLE SOURCE... J. P. CAYTON WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	20S 053E 15 SE OF SE NW	LAT/LONG... 36-12.3 N 116-00.5 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4006941.
GEOLOGIC PROVINCE..		EASTING.... 589148.

MAP REFERENCE..... DEATH VALLEY 1:250000, STEWART VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/09/10
 TEMPERATURE (C)..... 27.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00765

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074963

NAME OF SAMPLE SOURCE... J.M. RAYCRAFT WELLS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	20S 053E 15 NW OF SE	LAT/LONG... 36-12.3 N 116-00.45 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4006942.
GEOLOGIC PROVINCE..		EASTING.... 589223.

MAP REFERENCE..... DEATH VALLEY 1:250000, STEWART VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1916/00/00
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 53.
 DISCHARGE..... Q

OTHER SAMPLE INFORMATION.. THREE 10 INCH WELLS.
 QUALIFICATION FIELD..... THREE WELLS WITH FLOWS OF 35,35 AND 260 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1919

RECORD 00766

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074964

NAME OF SAMPLE SOURCE... J.M. RAYCRAFT WELLS

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 20S 05E 15 NW OF SE LAT/LONG... 36-12.3 N 116-00.45 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4006942.
 GEOLOGIC PROVINCE... EASTING.... 589223.
 MAP REFERENCE..... DEATH VALLEY 1:250000, STEWART VALLEY 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1946/09/09
 TEMPERATURE (C)..... 27.2
 OTHER SAMPLE INFORMATION.. FLOWING.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00767

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0074880

NAME OF SAMPLE SOURCE... JACK RABBIT SPRING

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 05E 18 SE OF NW SE LAT/LONG... 36-23.2 N 116-16.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4026882.
 GEOLOGIC PROVINCE... EASTING.... 565323.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1970/10/00
 TEMPERATURE (C)..... 26.

WATER ANALYSIS
 TOTAL DISSOLVED SOLIDS... 2140.

<u>ANALYSIS IN PPM</u>		<u>ISOTOPES (0/00)</u>	
AG....	CO3..... N	LI... 0.21	
AL....	CR.....	MG... 95.	
AU....	CU.....	MO... 24.	SI02. 24.
B....	F..... 1.7	NA... 420.	
BA....	FE+3....	NA+K. 980.	S04.. 980.
CA.... 158.	HC03.... 168.	NO3.. 29.	
CL.... 310.			
CO....	K..... 21.		

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-101
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00768

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0074881

NAME OF SAMPLE SOURCE... JACK RABBIT SPRING

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 05E 18 SE OF NW SE LAT/LONG... 36-23.2 N 116-16.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4026882.

GEOLOGIC PROVINCE.. EASTING.... 565323.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/00
 TEMPERATURE (C)..... 28.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 541.

ANALYSIS IN PPM

AG....		CO3.....		LI...	0.09		
AL....		CR.....		MG...	21.		
AU....		CU.....		MO...		SI02.	22.
B.....	0.38	F.....	1.5	NA...	68.		
BA....		FE+3....		NA+K.		S04..	78.
CA....	45.	HCO3....	300.	NO3..	0.1		
CL....	20.						
CO....		K.....	7.8				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-101
 REFERENCE..... NAFF, R. L., 1973

RECORD 00769

GEOIHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074906

NAME OF SAMPLE SOURCE... JACK RABBIT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18S 05E	18 NW OF SE NW	LAT/LONG...	36-23.4	N	116-16.7	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	NYE			NORTHING...	4027247.			
GEOLOGIC PROVINCE..				EASTING....	564722.			

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/20
 TEMPERATURE (C)..... 26.

WATER ANALYSIS

PH..... 8.
 SPECIFIC CONDUCTANCE..... 3000.
 TOTAL DISSOLVED SOLIDS... 2189.

ANALYSIS IN PPM

AG....		CO3.....	N	LI...	0.21		
AL....	0.2	CR.....		MG...	95.		
AU....		CU.....		MO...		SI02.	24.
B.....		F.....	1.7	NA...	420.		
BA....		FE+3....		NA+K.		S04..	980.
BE....		FE(TOT).	0.04	NB...		SR...	4.2
CA....	160.	HCO3....	168.	NO3..	29.		
CD....		H2S.....		P04..	0.01		
CL....	310.						
CO....		K.....	21.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-100

REFERENCE..... NAFF, R. L., 1973

RECORD 00770

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074882

NAME OF SAMPLE SOURCE... JACK RABBIT SPRING; ROGERS SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 18S 051E 18 SE OF NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

COORDINATES
 LAT/LONG... 36-23.4 N 116-16.7 W
 UTM ZONE... +11
 NORTHING... 4027247.
 EASTING... 564722.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/27
 TEMPERATURE (C)..... 28.
 DISCHARGE..... 587.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 675.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-100
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00771

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074541

NAME OF SAMPLE SOURCE... JACKASS FLATS AREA; WELL 73-61 (WELL J-11)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, TONOPAH SPRING 1:62500 JACKASS FLATS 1:24000

COORDINATES
 LAT/LONG... 36-46.75 N 116-16.8 W
 UTM ZONE... +11
 NORTHING... 4070414.
 EASTING... 564250.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/09/18
 TEMPERATURE (C)..... 32.8
 WELL DEPTH (M)..... 405.
 PERTINENT LITHOLOGY..... AQUIFER IS TERTIARY VOLCANIC ROCKS.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 1210.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....	0.1	CR.....	MG....	14.	
AS....		CS.....	MN....	N	
AU....		CU.....	MO....		SI02. 67.
B....		F..... 0.9	NA....	157.	
BA....		FE+3....	NA+K.		S04.. 484.
BE....		FE(TOT). 0.26	NB....		SR... N
CA....	85.	HCO3.... 102.	NO3..	7.4	
CD....		H2S.....	PO4..	N	
CL....	20.				
CO....		K..... 16.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... SCHOFF, S. L. AND MOORE, J. E., 1964

RECORD 00772

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074599

NAME OF SAMPLE SOURCE... KATE SPRING
WARING NUMBER..... 129

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 057E 14 SW OF NE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 38-33.15 N 115-31.9 W
UTM ZONE... +11
NORTHING... 4267934.
EASTING.... 627949.

MAP REFERENCE..... LUND 1:250000, BLUE EAGLE SPRINGS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1935/01/24
TEMPERATURE (C)..... 22.8
DISCHARGE..... 14.

OTHER SAMPLE INFORMATION.. WATER USED FOR DOMESTIC PURPOSES AND IRRIGATION, FLOWING WELLS NEARBY.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WARING, G. A., 1965

RECORD 00773

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074595

NAME OF SAMPLE SOURCE... KATE? (BLUE EAGLE) SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 057E 11 SE OF SE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 38-33.8 N 115-31.65 W
UTM ZONE... +11
NORTHING... 4269142.
EASTING.... 628293.

MAP REFERENCE..... LUND 1:250000, BLUE EAGLE SPRINGS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/07
TEMPERATURE (C)..... 28.3

WATER ANALYSIS

PH..... 8.4
SPECIFIC CONDUCTANCE..... 439.
TOTAL DISSOLVED SOLIDS... 254.

ANALYSIS IN PPM

AG.... N	CO3..... 4.	LI.... 0.12		
AL.... 0.5	CR.....	MG.... 21.		
AS.... N	CS.....	MN....	SE.... L 0.01	
AU....	CU..... N	MO.... L 0.002	SI02. 30.	
B.... 0.26	F..... 0.003	NA.... 39.	SN.... L 0.007	
BE....	FE(TOT). 0.003	NB....	SR.... 0.45	
BR....	GE.....	NI.... L 0.002	TI.... L 0.004	
CA.... 25.	HCO3.....	NO3.. 2.7		
CA+MG.	HG.....	PB.... 0.003		
CD.... L 0.035	H2S.....	PO4.. L 0.01		
CL....	I.....	RB....	ZN... 0.02	

ISOTOPES (0/00)

CO.... L 0.004 K..... 5.9
REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... USGS, UNPUBLISHED DATA

RECORD 00774

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074905

NAME OF SAMPLE SOURCE... KING POOL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18S 01E 07 NW OF NW SE	LAT/LONG... 36-23.9 N 116-16.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4028177.
GEOLOGIC PROVINCE..		EASTING.... 565463.
MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/00
 TEMPERATURE (C)..... 32.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 408.

ANALYSIS IN PPM

AG....	CO3..... N	LI... 0.09		
AL....	CR.....	MG... 21.		
AU....	CU.....	MO... 67.	SI02. 22.	
B..... 0.3	F..... 2.1	NA... 67.	S04.. 76.	
BA....	FE+3....	NA+K.		
BE....	FE(TOT). N			
CA.... 48.	HCO3.... 304.	NO3.. 0.2		
CL.... 21.				
CO....	K..... 7.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-91
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00775

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074893

NAME OF SAMPLE SOURCE... KING SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18S 05E 07 NW OF NW SE	LAT/LONG... 36-23.9 N 116-16.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4028177.
GEOLOGIC PROVINCE..		EASTING.... 565463.
MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/04
 TEMPERATURE (C)..... 32.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE.... 625.
 TOTAL DISSOLVED SOLIDS... 521.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N	LI...	0.08		
AL....	0.1	CR.....	MG...	19.		
AU....		CU.....	MO...		SI02.	22.
B.....		F..... 1.5	NA...	70.		
BA....		FE+3....	NA+K.		S04..	79.
BE....		FE(TOT).. 0.09	NB...		SR...	0.78
CA....	45.	HCO3..... 278.	N03..	0.3		
CD....		H2S.....	P04..	0.01		
CL....	20.					
CO....		K..... 8.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-91
 REFERENCE..... NAFF, R. L., 1973

RECORD 00776

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074894

NAME OF SAMPLE SOURCE... KING SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18S 05E 07 NW OF SE	LAT/LONG...	36-23.9 N 116-16.2 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4028177.
GEOLOGIC PROVINCE..			EASTING....	565463.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/26
 TEMPERATURE (C)..... 32.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 685.
 TOTAL DISSOLVED SOLIDS... 550.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N	MG...	19.		
AL....	0.02	CR.....	MO...		SI02.	21.
AU....		CU.....	NA...	68.		
B.....	0.45	F..... 1.6	NA+K.		S04..	78.
BA....		FE+3....				
BE....		FE(TOT).. N	N03..	0.3		
CA....	52.	HCO3..... 301.	P04..	N		
CD....		H2S.....				
CL....	22.					
CO....		K..... 7.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-91
 REFERENCE..... NAFF, R. L., 1973

RECORD 00777

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002176

NAME OF SAMPLE SOURCE... LATHROP WELLS

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 15S 05E 18 SW LAT/LONG... 36-38.7 N 116-23.7 W
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... LATHROP WELLS 1:62500, DEATH VALLEY 1:250000
 OTHER LOCALITY INFORMATION: JUNCTION RT 29 AND RT. 95

WATER ANALYSIS

DATE/ANALYST..... 1954/11/22 KRAMER, HENRY
 PH..... 7.3
 SPECIFIC CONDUCTANCE..... 639.

ANALYSIS IN PPM

AG.....		CO3..... N		LI...	0.04			
AL.....		CR.....		MG...	2.2			
AU.....		CU.....		MO...		SI02.	44.	
B.....	0.6	F.....	1.4	NA...	112.	S04..	126.	
BA.....		FE+3.....		NA+K.		SR...	N	
BE.....		FE(TOT).....		NB...				
CA.....	17.	HCO3.....	165.	N03..	5.5			
CL.....	24.							
CO.....		K.....	4.5					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00778

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074210

NAME OF SAMPLE SOURCE... LITTLE FISH LAKE VALLEY WARM SPRING

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 10N 49E 14 SW OF SE LAT/LONG... 38-42.8 N 116-26.4 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4284907.
 GEOLOGIC PROVINCE.. EASTING.... 548688.
 MAP REFERENCE..... TONAPAH 1:250000, UPPER FISH LAKE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/10/14
 TEMPERATURE (C)..... 42.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., 1968, REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA: NEVADA UNIV.
 RENO; DESERT RESH INST; CNT WATER RESRS RESCH, MISC RPT 5

RECORD 00779

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074609

NAME OF SAMPLE SOURCE... LITTLE WARM SPRING, DUCKWATER AREA

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 12N 05E 05 NW OF NE LAT/LONG... 38-56.1 N 115-42.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4310159.
 GEOLOGIC PROVINCE.. EASTING.... 612677.
 MAP REFERENCE..... LUND 1:250000, DUCKWATER 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES, 2/3 MILE WEST OF FAULT ZONE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/12
 TEMPERATURE (C)..... 32.2
 DISCHARGE..... 300.

WATER ANALYSIS

ANALYSIS IN EPM

BA..... FE+3..... NA+K. 1.4
 BE..... FE(TOT). NB... SR...
 CA+MG. 4.8

ISOTOPES (0/00)

TRITIUM (T.U.)..... L 7.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. C., 1968, AND FIERO, G. W., JR., 1968

RECORD 00780

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074592

NAME OF SAMPLE SOURCE... LOCKES STOCKYARD (HAY CORRAL) SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 08N 055E 14 NW OF NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 38-33.6 N 115-45.7 W
 UTM ZONE... +11
 NORTHING... 4268471.
 EASTING... 607895.

MAP REFERENCE..... LUND 1:250000, PORTUGUESE MTN 1:62500, LOCKES 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/12
 TEMPERATURE (C)..... 33.9
 DISCHARGE..... 425.

DEPOSITS OR ALTERATION.... NEAR TUFFA BLUFF.

WATER ANALYSIS

ANALYSIS IN EPM

BA..... FE+3..... NA+K. 2.5
 BE..... FE(TOT). NB... SR...
 CA+MG. 4.7

ISOTOPES (0/00)

TRITIUM (T.U.)..... L 7.

OTHER ANALYTICAL DATA... CL + SO4 = 1.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00781

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074611

NAME OF SAMPLE SOURCE... LOCKES STOCKYARD (HAY CORRAL) SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 08N 055E 14 NW OF NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 38-33.6 N 115-45.7 W
 UTM ZONE... +11
 NORTHING... 4268471.
 EASTING... 607895.

MAP REFERENCE..... LUND 1:250000, PORTUGUESE MTN. 1:62500, LOCKES 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1934/02/07
 TEMPERATURE (C)..... 33.9
 DISCHARGE..... 600.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... EAKIN, T. E., MAXEY, G. B., ROBINSON, T. W., FREDERICKS, J. C. AND LOELTZ, O. J., 1951

RECORD 00782

GEOThERM SAMPLE FILE

GEOThERM FILE ID: 0074955

NAME OF SAMPLE SOURCE... LONGSTREET SPRING

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 17S 050E 22 NW OF NE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 36-28.0 N 116-19.5 W
UTM ZONE... +11
NORTHING... 4035721.
EASTING.... 560478.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/29
TEMPERATURE (C)..... 27.8
DISCHARGE..... 1042.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 640.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00783

GEOThERM SAMPLE FILE

GEOThERM FILE ID: 0074956

NAME OF SAMPLE SOURCE... LONGSTREET SPRING

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 17S 050E 22 NW OF NE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 36-28.0 N 116-19.5 W
UTM ZONE... +11
NORTHING... 4035721.
EASTING.... 560478.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/01/14
TEMPERATURE (C)..... 27.8
DISCHARGE..... Q 4690.

PERTINENT LITHOLOGY..... IN ALLUVIUM.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 685.

ANALYSIS IN EPM

BA.... FE+3.... NA+K. 3.8
CA+MG. 4.1

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... CL + SO4 = 2.91 EPM
QUALIFICATION FIELD..... FLOW LISTED IS A MAXIMUM - GIVEN AS 1042-1239 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00784

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074957

NAME OF SAMPLE SOURCE... LONGSTREET SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	17S 050E	22 NE OF NW NE	LAT/LONG...	36-28.0	N 116-19.5	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	NYE			NORTHING...	4035721.		
GEOLOGIC PROVINCE..				EASTING....	560478.		

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/00

TEMPERATURE (C)..... 27.8

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 419.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....		CO3.....	N	LI...	0.09		
AL.....		CR.....		MG...	19.		
AU.....		CU.....		MO...		SI02.	22.
B.....	0.26	F.....	1.7	NA...	69.	S04..	75.
BA.....		FE+3....		NA+K.			
CA.....	48.	HCO3.....	300.	NO3..	0.4		
CL.....	17.						
CO.....		K.....	7.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00785

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074961

NAME OF SAMPLE SOURCE... LONGSTREET SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	17S 050E	22 NE OF NW NE	LAT/LONG...	36-28.0	N 116-19.5	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	NYE			NORTHING...	4035721.		
GEOLOGIC PROVINCE..				EASTING....	560478.		

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/28

TEMPERATURE (C)..... 27.2

WATER ANALYSIS

PH..... 7.4

SPECIFIC CONDUCTANCE..... 681.

TOTAL DISSOLVED SOLIDS... 549.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....		CO3.....	N	MG...	17.		
AL.....	0.05	CR.....		MN...	N		
AS.....		CS.....		MO...		SI02.	22.
AU.....		CU.....		NA...	68.	S04..	78.
B.....	0.45	F.....	1.6	NA+K.			
BA.....		FE+3....					

BE..... FE(TOT). N
 CA..... 51. HCO3..... 303. NO3.. 0.3
 CD..... H2S..... PO4.. N
 CL..... 22.
 CO..... K..... 7.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00786

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074298

NAME OF SAMPLE SOURCE... MAGMA POWER (AND ASSOCIATES) WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 43E 07 SE OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-49.0 N 117-10.7 W
 UTM ZONE... +11
 NORTHING... 4296240.
 EASTING... 484518.

MAP REFERENCE..... TONAPAH 1:250000, CARVERS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 101.0
 DISCHARGE..... 4334. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 370.

ANALYSIS IN PPM

AU.....	CU.....	MO...	SI02.	106.	<u>ISOTOPES (0/00)</u>
B..... 0.2					
BA.....	FE+3....	NA+K.	S04..	48.	
CL..... 14.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... U. S. BUREAU OF RECLAMATION, 1972, AN APPRAISAL OF GEOTHERMAL RESOURCES IN THE MID-PACIFIC REGION; US DEPT INTERIOR; BUR. RECLAMATION RT

RECORD 00787

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074959

NAME OF SAMPLE SOURCE... MAIN SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 050E 23 NE OF SW NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-27.7 N 116-18.8 W
 UTM ZONE... +11
 NORTHING... 4035173.
 EASTING... 561527.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/03
 TEMPERATURE (C)..... 33.3

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 620.
 TOTAL DISSOLVED SOLIDS... 518.
ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N	LI...	0.08		
AL....	0.1	CR.....	MG...	19.		
AS....		CS.....	MN... L	0.01		
AU....		CU.....	MO...		SI02.	22.
B.....		F..... 1.7	NA...	72.		
BA....		FE+3....	NA+K.		S04..	82.
BE....		FE(TOT). 0.02	NB...		SR... 0.78	
CA....	45.	HCO3.... 269.	NO3..	0.3		
CD....		H2S.....	P04.. L	0.01		
CL....	20.					
CO....		K..... 8.4				

QUALIFICATION FIELD..... FLOW LISTED IS A MAXIMUM - GIVEN AS 717-736 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NAFF, R. L., 1973

RECORD 00788

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074886

NAME OF SAMPLE SOURCE... MANSE RANCH SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	21S 054E 03 SE OF NE	LAT/LONG...	36-14.6 N 115-53.4 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4011308.
GEOLOGIC PROVINCE..			EASTING....	599738.

MAP REFERENCE..... DEATH VALLEY 1:250000, PAHRUMP 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1927/08/05
 TEMPERATURE (C)..... 25.
 DISCHARGE..... 1200.
 OTHER SAMPLE INFORMATION.. TWO SPRINGS; WATER USED FOR IRRIGATION.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 268.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N	MG...	29.		
AL....		CR.....	MO...		SI02.	18.
AU....		CU.....	NA+K.		S04..	42.
BA....		FE+3....				
CA....	55.	HCO3.... 239.				
CL....	4.9					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-12-8
 REFERENCE..... HARDMAN, G., AND MILLER, M., 1934

RECORD 00789

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074887

NAME OF SAMPLE SOURCE... MANSE RANCH SPRINGS

WARNING NUMBER..... 141

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	21S 054E 03 SE OF NE	LAT/LONG...	36-14.6 N 115-53.4 W
STATE.....	NEVADA		UTM ZONE...	+11

COUNTY..... NYE
GEOLOGIC PROVINCE..
MAP REFERENCE..... DEATH VALLEY 1:250000, PAHRUMP 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.
NORTHING... 4011308.
EASTING.... 599738.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 24.
DISCHARGE..... 1500.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 375.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 11.
B.... F..... NA... 30.
BA.... FE+3..... NA+K. S04.. 42.
CA.... 52. HCO3..... 239.
CL.... 0.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-12-8
REFERENCE..... HARDMAN, G. AND MILLER, M., 1934, AND WARING, G. A., 1965

RECORD 00790

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074718

NAME OF SAMPLE SOURCE... MCLEOD RANCH HOT SPRINGS
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 14N 043E 34 SW OF NE SW
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..
MAP REFERENCE..... MILLET 1:250000, MILLET RANCH 1:62500

COORDINATES

LAT/LONG... 39-01.7 N 117-08.2 W
UTM ZONE... +11
NORTHING... 4319722.
EASTING.... 488170.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/02
TEMPERATURE (C)..... Q 25.
DEPOSITS OR ALTERATION... SPRINGS ON TUFA MOUNDS.
OTHER SAMPLE INFORMATION.. THE SPRINGS ARE SCATTERED OVER 0.5 ACRE.

WATER ANALYSIS

PH..... Q 6.7
SPECIFIC CONDUCTANCE..... 2630.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.... CR..... MG... 2.3
AU.... CU..... MO... SI02. 96.
B.... F..... NA... 575.
BA.... FE+3..... NA+K. S04.. 82.
CA.... 39. HCO3..... Q 1519.
CL.... 52.
CO.... K..... 41.

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING. ADDITIONAL MEASUREMENTS FOR 3 OTHER SPRINGS
IN AREA ARE GIVEN AS (TEMP/PH): 82/7.2; 85/7.4; 55/7.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-2-17
REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00791

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074719

NAME OF SAMPLE SOURCE... MCLEOD RANCH HOT SPRINGS
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 14N 043E 34 SW OF NE SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MILLET 1:250000, MILLET RANCH 1:62500

COORDINATES

LAT/LONG... 39-01.7 N 117-08.2 W
 UTM ZONE... +11
 NORTHING... 4319722.
 EASTING.... 488170.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/02
 TEMPERATURE (C)..... Q 82.
 DEPOSITS OR ALTERATION.... SPRINGS ON TUFA MOUND.

WATER ANALYSIS

PH..... Q 7.2
 SPECIFIC CONDUCTANCE..... 2400.

ANALYSIS IN PPM

AL....	CR.....	MG...	2.5		
AU....	CU.....	MO...		SI02.	93.
B....	F.....	NA...	555.		
BA....	FE+3....	NA+K.		S04..	76.
CA.... 12.	HCO3.... Q 1385.				
CL.... 48.					
CO....	K..... 41.				

ISOTOPES (0/00)

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING. ADDITIONAL MEASUREMENTS FOR OTHER SPRINGS
 IN THIS AREA GIVEN AS (TEMP/PH): 85/7.4; 25/6.7; 55/7.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-2-17
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00792

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074976

NAME OF SAMPLE SOURCE... MECCA WELL
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 049E 11 NE OF NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

COORDINATES

LAT/LONG... 36-29.55 N 116-25.2 W
 UTM ZONE... +11
 NORTHING... 4038531.
 EASTING.... 551949.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/02/23
 TEMPERATURE (C)..... 21.7

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 740.
 TOTAL DISSOLVED SOLIDS... 602.

ANALYSIS IN PPM

AL....	CR.....	MG...	13.		
B.... 0.6	F..... 2.3	NA...	113.		
BA....	FE+3....	NA+K.		S04..	158.

ISOTOPES (0/00)

CA..... 46. HC03..... 220.
 CL..... 36.
 CO..... K..... 15.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NAFF, R. L., 1973

RECORD 00793

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074102

NAME OF SAMPLE SOURCE... MIZPAH MINE DRILL H LE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03N 42E 35 NW OF SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... TONAPAH 1:250000, TONAPAH 1:62500, TONAPAH 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

COORDINATES
 LAT/LONG... 38-04.3 N 117-14.3 W
 UTM ZONE... +11
 NORTHING... 4213588.
 EASTING.... 479095.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1904/00/00
 TEMPERATURE (C)..... 41.1
 WELL DEPTH (M)..... 706.

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3.....	11.				
AL.....	0.7	CR.....		MG...	6.3		
AU.....		CU.....		MO...		SI02.	227.
B.....		F.....		NA...	149.		
BA.....		FE+3....		NA+K.		S04..	327.
BE.....		FE(TOT)..	0.7				
CA.....	69.	HC03....	157.	NO3..	T		
CL.....	35.	I.....		RB...		ZN...	T
CO.....		K.....	3.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BASTIN, E. S. AND LANEY, F. B., 1918, GENESIS OF ORES AT TONAPAH, NEVADA: U.S. GEOLOGICAL SURVEY PROF. PAPER 104

RECORD 00794

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074573

NAME OF SAMPLE SOURCE... MOON RIVER SPRING
 WARING NUMBER..... 134A

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06N 060E 25 NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, HOT CREEK BUTTE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

COORDINATES
 LAT/LONG... 38-21.0 N 115-10.8 W
 UTM ZONE... +11
 NORTHING... 4246010.
 EASTING.... 659039.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1948/00/00
 TEMPERATURE (C)..... 33.3
 DISCHARGE..... 900.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B. AND EAKIN, T. E., 1949 AND WARING, G. A., 1965

RECORD 00795

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074574

NAME OF SAMPLE SOURCE... MOON RIVER SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06N 06E 25 NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-21.0 N 115-10.8 W
 UTM ZONE... +11
 NORTHING... 4246010.
 EASTING... 659039.

MAP REFERENCE..... LUND 1:250000, HOT CREEK BUTTE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/14

TEMPERATURE (C)..... 33.3

DISCHARGE..... 900.

DEPOSITS OR ALTERATION.... ISSUES FROM ALLUVIUM

WATER ANALYSISANALYSIS IN EPMISOTOPES (0/00)

BA..... FE+3..... NA+K. 1.2
 BE..... FE(TOT). NB... SR...
 CA+MG. 4.3

TRITIUM (T.U.)..... L 8.

OTHER ANALYTICAL DATA... CL + SO4 = 1.10 EPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00796

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074136

NAME OF SAMPLE SOURCE... MORMAN (MOORMAN) SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09N 61E 32 SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-35.8 N 115-08.5 W
 UTM ZONE... +11
 NORTHING... 4273450.
 EASTING... 661836.

MAP REFERENCE..... LUND 1:250000, MOORMAN SPRING 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS C N/2, SE/4

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/15

TEMPERATURE (C)..... 37.8

DISCHARGE..... 225. L/MIN

OTHER SAMPLE INFORMATION.. TEMPERATURE LISTED

WATER ANALYSISANALYSIS IN EPMISOTOPES (0/00)

BA..... FE+3..... NA+K. 1.3
 CA+MG. 4.3

CONDENSATE ANALYSISANALYSIS

HCO3. SI02.

ISOTOPES (0/00)

TRITIUM (T.U.)..... L 7.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M.D., 1968, DELINEATION OF GROUND-WATER FLOW SYSTEMS IN NEVADA; NEVADA UNIV. ,
 RENO, DESERT RESEARCH INST., CENTER FOR WATER RESOURCES RESEARCH TECH. H-W, NO. 4

RECORD 00797

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074137

NAME OF SAMPLE SOURCE... MORMAN (MOORMAN) SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 09N 61E 32 SE LAT/LONG... 38-35.8 N 115-08.5 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4273450.
 GEOLOGIC PROVINCE.. EASTING.... 661836.
 MAP REFERENCE..... LUND 1:250000, MOORMAN SPRING 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS C NW/2, SE/4

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/09/15
 TEMPERATURE (C)..... 37.8
 DISCHARGE..... 100. L/MIN
 OTHER SAMPLE INFORMATION.. WARING, 1965, NO. 134.

WATER ANALYSIS

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... CR..... MG... 22.
 B..... 0.2
 BA.... FE+3.... NA+K. 23. S04.. 46.
 CA.... 63. HCO3.... 290.
 CL.... 9.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MILLER, M. R., HARDMAN, GEORGE, MASON, H. G., 1953, IRRIGATION WATERS IN NEVADA; NEVADA
 UNIV., RENO, AGR. EXPT. STA. BULL. 187

RECORD 00798

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074105

NAME OF SAMPLE SOURCE... NANNY GOAT SPRINGS
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 04N 50E 20 SW OF SW LAT/LONG... 38-11.2 N 116-22.5 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4226505.
 GEOLOGIC PROVINCE.. EASTING.... 554736.
 MAP REFERENCE..... TONAPAH 1:250000, WARM SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SW/4, SW/4, SW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.1
 DISCHARGE..... 225. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERD, G. W., 1968, REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA; NEVADA UNIV. RENO;
 DESERT RESEARCH INST.; CENTER WATER RESRS RESEARCH; MISC. RPT. 5

RECORD 00799

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074024

NAME OF SAMPLE SOURCE... NANNY GOAT SPRINGS, WARM SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04N 50E 20 NW OF SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... TONAPAH 1:250000, WARM SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

COORDINATES

LAT/LONG... 38-11.3 N 116-22.4 W
 UTM ZONE... +11
 NORTHING... 4226691.
 EASTING... 554880.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/09/21
 TEMPERATURE (C)..... 62.8

WATER ANALYSIS

PH..... 6.9
 SPECIFIC CONDUCTANCE..... 1311.
 TOTAL DISSOLVED SOLIDS... 890.

ANALYSIS IN PPM

AG....	CO3..... N	LI... 1.4	SB... L 0.2
AL....	CR.....	MG... 23.	
AS.... 0.013	CS..... 0.04	MN... L 0.01	
AU....	CU..... L 0.004	MO... 55.	
B....	F..... 3.6	NA... 199.	
BA.... L 0.1	FE+3....	NA+K. S04.. 96.	
BE....	FE(TOT). L 0.2	NB... SR... 1.8	
BI....	GA.....	NH4.. L 0.1	
CA.... 92.	HCO3.... 737.	NO3.. L 0.1	
CA+MG.	HG..... L 0.00055	PB... L 0.02	
CD....	H2S.....	PO4.. L 0.1	
CL.... 36.	I.....	RB... 0.2	ZN... L 0.01
CO....	K..... 23.		

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J.W. AND MILES, M. J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA
 UNIV. RENO; DESERT RESCH INST, CENTER WATER RSOURCES RESEARCH PROJ. 26

RECORD 00800

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074087

NAME OF SAMPLE SOURCE... NANNY GOAT SPRINGS, WARM SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04N 50E 20 SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... TONAPAH 1:250000, WARM SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

COORDINATES

LAT/LONG... 38-11.3 N 116-22.4 W
 UTM ZONE... +11
 NORTHING... 4226691.
 EASTING... 554880.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/10/17
 TEMPERATURE (C)..... 60.5
 DISCHARGE..... 675. L/MIN

WATER ANALYSISANALYSIS IN PPMISOTOPES (0/00)

AL..... CR..... MG... 28.
 B..... F..... NA... 168.
 BA..... FE+3..... NA+K. S04.. 90.
 CA..... 96. HCO3..... 693.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E., AND EVERETT, D. E. (1964) WATER RESOURCES APPRAISAL OF LITTLE FISH LAKE, HOT CREEK,
 AND LITTLE SMOKEY VALLEYS, NEVADA; NEV. DEPT. CONSERV. AND NAT. RESRS. WATER RESOURCES RECONN. SER. RPT 30

RECORD 00801

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074104

NAME OF SAMPLE SOURCE... NANNY GOAT SPRINGS, WARM SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 04N 50E 20 NW OF SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... TONAPAH 1:250000, WARM SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

COORDINATES

LAT/LONG... 38-11.3 N 110-22.4 W
 UTM ZONE... +12
 NORTHING... 4226691.
 EASTING... 554880.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E. AND EVERETT, D. E., 1966, WATER RESOURCES APPRAISAL OF LITTLE FISH LAKE, HOT
 CREEK, AND LITTLE SMOKEY VALLEYS, NEVADA; NEVADA DEPT. CONSERV. AND NAT. RESRS., WATER RESRS. RECONN. SER. REPT. 30

RECORD 00802

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074581

NAME OF SAMPLE SOURCE... NONE GIVEN
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 03N 044E 16 SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... TONOPAH 1:250000, TONOPAH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

COORDINATES

LAT/LONG... 38-06.6 N 117-03.1 W
 UTM ZONE... +11
 NORTHING... 4217815.
 EASTING... 495470.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/05/18

TEMPERATURE (C)..... 22.2

WELL DEPTH (M)..... 165.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN, T. E., 1962B

RECORD 00803

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074944

NAME OF SAMPLE SOURCE... NONE GIVEN
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 049E 32 SE
 STATE..... NEVADA

COORDINATES

LAT/LONG... 36-30.8 N 116-28.55 W
 UTM ZONE... +11

COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, LATHROP WELLS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

NORTHING... 4040813.
 EASTING.... 546935.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/26
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 70.
 OTHER SAMPLE INFORMATION.. PERFORATED 94-248 FT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00804

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074945

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 17S 050E 10 NE OF SE SW LAT/LONG... 36-28.9 N 116-20.05 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4037379.
 GEOLOGIC PROVINCE.. EASTING.... 559645.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/06/00
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 48.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... B

RECORD 00805

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074946

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 17S 050E 10 SE OF SE SW LAT/LONG... 36-28.9 N 116-20.05 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4037379.
 GEOLOGIC PROVINCE.. EASTING.... 559645.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/02/00
 TEMPERATURE (C)..... 21.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00806

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074954

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

17S 049E 07 SE

COORDINATES

LAT/LONG... 36-29.0 N 116-29.2 W
UTM ZONE... +11
NORTHING... 4037480.
EASTING.... 545983.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/25
TEMPERATURE (C)..... 22.8
WELL DEPTH (M)..... 122.

OTHER SAMPLE INFORMATION.. PERFORATED 54-360 FT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00807

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074965

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

16S 049E 35 NE OF NE NW

COORDINATES

LAT/LONG... 36-31.3 N 116-25.8 W
UTM ZONE... +11
NORTHING... 4041761.
EASTING.... 551034.

MAP REFERENCE..... DEATH VALLEY 1:250000, LATHROP WELLS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/08/18
TEMPERATURE (C)..... 23.9
WELL DEPTH (M)..... 99.

WATER ANALYSIS

PH..... 7.3
SPECIFIC CONDUCTANCE..... 796.
TOTAL DISSOLVED SOLIDS... 545.

ANALYSIS IN PPM

AG.....
AL..... 0.6
AU.....
B..... 0.42
BA.....
BE.....
CA..... 50.
CD.....
CL..... 29.
CO.....
K..... 12.

LI... 0.18
MG... 17.
MO...
NA... 106.
NA+K. S04.. 145.
NB... SR... 1.0
NO3.. 0.5
PO4.. N

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00808

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074967

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 16S 03E 04 NW
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-35.65 N 116-02.1 W
 UTM ZONE... +11
 NORTHING... 4050085.
 EASTING.... 586319.

MAP REFERENCE..... DEATH VALLEY 1:250000, SPECTER RANGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/10
 TEMPERATURE (C)..... 32.8
 WELL DEPTH (M)..... 595.
 DISCHARGE..... 438.
 OTHER SAMPLE INFORMATION.. PERFORATED 800-1050 FT.

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 544.
 TOTAL DISSOLVED SOLIDS... 330.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....	0.03	CR.....	MG...	21.	
AU....		CU.....	MO...		SI02. 21.
B.....		F..... 0.9	NA...	37.	
BA....		FE+3....	NA+K.		S04.. 53.
BE....		FE(TOT).. 0.03			
CA....	47.	HCO3..... 256.	NO3..	0.9	
CL....	16.				
CO....		K..... 5.2			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963

RECORD 00809

 GEOTHERM FILE ID: 0074969

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 16S 03E 05
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-35.3 N 116-03.0 W
 UTM ZONE... +11
 NORTHING... 4049424.
 EASTING.... 584984.

MAP REFERENCE..... DEATH VALLEY 1:250000, SPECTER RANGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/15
 TEMPERATURE (C)..... 32.2
 WELL DEPTH (M)..... 280.

WATER ANALYSIS

PH..... 7.5
 TOTAL DISSOLVED SOLIDS... 332.

ANALYSIS IN PPM

AL....		CR.....	MG...	21.	
B.....		F..... 0.9			
BA....		FE+3....	NA+K.		S04.. 58.
CA....	46.	HCO3..... 254.	NO3..	1.4	

ISOTOPES (0/00)

CL.... 17.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00810

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074970

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	17S 048E 01 SE	LAT/LONG...	36-29.8 N 116-30.25 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4038951.
GEOLOGIC PROVINCE..			EASTING....	544408.

MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/05
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 57.
 OTHER SAMPLE INFORMATION.. PERFORATED 30-197 FT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00811

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074971

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	17S 048E 12 NE OF NE NW	LAT/LONG...	36-29.6 N 116-30.8 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4038577.
GEOLOGIC PROVINCE..			EASTING....	543589.

MAP REFERENCE..... DEATH VALLEY 1:250000, RYAN 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/12/13
 TEMPERATURE (C)..... 25.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 1250.
 TOTAL DISSOLVED SOLIDS... 997.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	24.		
AU....	CU.....	MO...		SI02.	60.
B....	F..... 3.2	NA...	160.		
BA....	FE+3....	NA+K.		S04..	231.
CA.... 81.	HCO3.... 370.	NO3..	28.		
CL.... 86.					
CO....	K..... 15.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... NAFF, R. L., 1973

RECORD 00812

GEOTHERM FILE ID: 0074972

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 049E 04 NE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 36-30.3 N 116-27.1 W
UTM ZONE... +11
NORTHING... 4039901.
EASTING... 549104.

MAP REFERENCE..... DEATH VALLEY 1:250000, LATHROP WELLS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/10/30
TEMPERATURE (C)..... 27.8
WELL DEPTH (M)..... 192.
DISCHARGE..... 650.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00813

GEOTHERM FILE ID: 0074973

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 049E 07 NE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 36-29.5 N 116-29.2 W
UTM ZONE... +11
NORTHING... 4038404.
EASTING... 545978.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/25
TEMPERATURE (C)..... 22.8
WELL DEPTH (M)..... ? 64.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00814

GEOTHERM FILE ID: 0074974

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16S 049E 19 SW
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 36-32.45 N 116-30.0 W
UTM ZONE... +11
NORTHING... 4043852.
EASTING... 544755.

MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/09
 TEMPERATURE (C)..... 22.8
 WELL DEPTH (M)..... 91.
 DISCHARGE..... 1200.
 OTHER SAMPLE INFORMATION.. PERFORATED 100-300 FT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00815

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074975

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 049E 11 NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-29.4 N 116-25.5 W
 UTM ZONE... +11
 NORTHING... 4038251.
 EASTING.... 551502.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/20
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... ? 84.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00816

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074995

NAME OF SAMPLE SOURCE... NONE GIVEN

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 049E 28 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-32. N 116-27.4 W
 UTM ZONE... +11
 NORTHING... 4043041.
 EASTING.... 548639.

MAP REFERENCE..... DEATH VALLEY 1:250000, LATHROP WELLS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/03/15
 TEMPERATURE (C)..... 23.9
 WELL DEPTH (M)..... 91.
 OTHER SAMPLE INFORMATION.. PERFORATED 120-300 FT.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 440.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00817

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074420

NAME OF SAMPLE SOURCE... OLD DUGAN PLACE HOT SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 08N 49E 25 NW OF NE LAT/LONG... 38-31.8 N 116-24.3 W
 COUNTY..... NYE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4264583.
 MAP REFERENCE..... TONAPAH 1:250000, LITTLE FISH LAKE 1:24000 EASTING.... 551863.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1977/05/11
 TEMPERATURE (C)..... 36.1
 OTHER SAMPLE INFORMATION.. SAMPLE TAKEN JULY 31, 1977 GAVE SIMILAR RESULTS.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 699.
 TOTAL DISSOLVED SOLIDS... 444.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... L 0.001 CO3..... N LI... 0.23
 AL.... L 0.1 CR..... MG... 22.
 AS.... CS..... MN... L 0.001 SE... L 0.01
 AU.... CU..... MO... L 0.001 SI02. 32.
 B..... 0.33 F..... 1.0 NA... 49. SN... L 0.004
 BA.... 0.11 FE+3... NA+K. S04.. 55.
 BE.... L 0.001 FE(TOT). 0.007 NB... SR... 0.56
 BR.... GE..... NI... L 0.004 TI... L 0.004
 CA.... 70. HC03.... 358. NO3.. L 0.1
 CA+MG. HG..... PB... V.... L 0.001
 CD.... H2S.... P04.. L 0.01
 CL.... 19.
 CO.... K..... 6.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... USGS (1977) WATSTORE WATER QUALITY FILE (COMPUTER DATA BANK)

RECORD 00818

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074997

NAME OF SAMPLE SOURCE... PAHRUMP SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 20S 03E 14 SE OF SE LAT/LONG... 36-12.45 N 115-58.7 W
 COUNTY..... NYE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4007246.
 MAP REFERENCE..... LAS VEGAS 1:250000, PAHRUMP 1:62500 EASTING.... 591842.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1927/07/05
 TEMPERATURE (C)..... 25.
 DISCHARGE..... 486.
 OTHER SAMPLE INFORMATION.. TWO SPRINGS. WATER USED FOR IRRIGATION.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HARDMAN, G. AND MILLER, M., 1934, AND WARING, G. A., 1965

RECORD 00819

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074960

NAME OF SAMPLE SOURCE... PAHRUMP VALLEY AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19S 053E 09 NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-19.0 N 116-01.7 W
 UTM ZONE... +11
 NORTHING... 4019309.
 EASTING.... 587226.

MAP REFERENCE..... DEATH VALLEY 1:250000; MT. SCHADER SE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.8

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 524.
 TOTAL DISSOLVED SOLIDS... 302.

ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....	0.1	CR.....		MG...	26.		
AS.....	N	CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	21.
B.....	0.14	F.....	0.3	NA...	28.		
BA.....		FE+3.....		NA+K.		S04..	36.
BE.....		FE(TOT)..	0.1	NB...		SR...	0.76
CA.....	46.	HCO3.....	280.	NO3..	2.4	U....	Q 2.1
CD.....		H2S.....		PO4..	N		
CL.....	12.						
CO.....		K.....	4.0				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... RA = 0.1 +/- 0.1 MICRO MICRO CURRIES/LITERS
 QUALIFICATION FIELD..... U VALUE +/- 0.2 WITH UNCERTAIN UNITS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HUNT, C. B., ROBINSON, T. W., BOWLES, W. A., AND WASHBURN, A. L., 1966

RECORD 00820

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074987

NAME OF SAMPLE SOURCE... PARENT SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 050E 23 NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-27.9 N 116-19.1 W
 UTM ZONE... +11
 NORTHING... 4035540.
 EASTING.... 561076.

MAP REFERENCE..... DEATH VALLEY 1:250000; ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/23
 TEMPERATURE (C)..... 34.
 DISCHARGE..... 193.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-61

REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00821

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074958

NAME OF SAMPLE SOURCE... PARENT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	17S 05E 23 NW	LAT/LONG... 36-27.85 N 116-19.1 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	NYE		NORTHING... 4035448.
GEOLOGIC PROVINCE..			EASTING.... 561077.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 33.9
 DISCHARGE..... 177.
 OTHER SAMPLE INFORMATION.. THREE SPRINGS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HUGHES, J. L., 1966

RECORD 00822

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074586

NAME OF SAMPLE SOURCE... PAT SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	08N 04E 21 SE OF NW SE	LAT/LONG... 38-32.1 N 116-27.3 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	NYE		NORTHING... 4265111.
GEOLOGIC PROVINCE..			EASTING.... 547501.

MAP REFERENCE..... TONOPAH 1:250000, MOREY PEAK 1:62500, LITTLE FISH LAKE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/07/19
 TEMPERATURE (C)..... 22.2
 DISCHARGE..... 50.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., JR., 1968

RECORD 00823

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074523

NAME OF SAMPLE SOURCE... PEDRO SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	02N 05E 28 SE OF NW	LAT/LONG... 38-00.1 N 116-23.5 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	NYE		NORTHING... 4205969.
GEOLOGIC PROVINCE..			EASTING.... 553410.

MAP REFERENCE..... TONOPAH 1:250000, KAWICH PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/08/02
 TEMPERATURE (C)..... 25.

DISCHARGE..... 10.

OTHER SAMPLE INFORMATION.. SECOND REFERENCE LISTS IDENTICAL DATA TAKEN ON 8 FEB 67.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... B, FIERO, G. W., JR., 1968

RECORD 00824

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074895

NAME OF SAMPLE SOURCE... POINT-OF-ROCK SPRING

LOCATION..... TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18S 01E 07 NW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 36-24.1 N 116-16.3 W
 UTM ZONE... +11
 NORTHING... 4028545.
 EASTING... 565311.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.
 DISCHARGE..... 1162.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 675.

ANALYSIS IN EPMISOTOPES (0/00)

BA..... FE+3..... NA+K. 3.2
 CA+MG. 4.2

OTHER ANALYTICAL DATA... CL + SO4 = 2.3 EPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-90
 REFERENCE..... MIFFLIN, M. D., 1968, AND HUGHES, J. L., 1966

RECORD 00825

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000794

NAME OF SAMPLE SOURCE... POTT'S RANCH HOT SPRING

LOCATION..... TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 47E 02 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-04.7 N 116-38.4 W
 UTM ZONE... +11
 NORTHING... 4325323.
 EASTING... 531139.

MAP REFERENCE..... MILLET 1:250000, DIANA'S PUNCH BOWL 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 45.0
 DISCHARGE..... 125. L/MIN

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED.

DEPOSITS OR ALTERATION.... CaCO3 APRON DEPOSITED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 6.6
 SPECIFIC CONDUCTANCE..... 561.
 ALKALINITY..... 250. AS HCO3

ANALYSIS IN MG/LISOTOPES (0/00)

AG..... CO3..... LI... 0.3 SB...

DEL D OF WATER..... -127.5

DEL 0(18) OF WATER... -16.28

AL....		CR.....		MG...	11.	SC...	
AS....	0.01	CS.....	L 0.1	MN...	0.02		
AU....		CU.....	0.01	MO...		SI02.	36.
B.....	0.17	F.....	2.0	NA...	47.		
BA....		FE+3....		NA+K.		S04..	57.
BE....		FE(TOT). L	0.02	NB...		SR...	0.9
BI....		GA.....		NH4..	0.32		
BR....	0.05						
CA....	52.						
CA+MG.		HG.....	L 0.0001				
CD....		H2S.....		P04..	0.01		
CL....	10.	I.....	0.006	RB...	0.06		
CO....		K.....	13.				

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

ISOTOPES (00/0)

CH4.. L 1.
 C2H6. N2... 93.
 CO2.. 5.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, RAPP, PRESSER, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00826

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002178

NAME OF SAMPLE SOURCE... POTTS HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 14N 47E 01 LAT/LONG... 39-04.7 N 116-38.3 W
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... DIANAS PUNCH BOWL 1:62500, MILLET 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/17 SIMMONS, G. C.; USGS
 TEMPERATURE (C)..... 43.3
 OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED AND ANALYZED

WATER ANALYSIS

DATE/ANALYST..... 1955/04/13
 PH..... 6.9
 SPECIFIC CONDUCTANCE..... 556.
 ALKALINITY..... 182. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 336.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	N	LI...	N		
AL....		CR.....		MG...	12.		
AS....		CS.....		MN...	N		
AU....		CU.....		MO...		SI02.	40.
B.....	0.21	F.....	2.0	NA...	49.		
BA....		FE+3....		NA+K.		S04..	53.
BE....		FE(TOT).	0.04				
CA....	53.	HCO3....	268.	N03..	N		
CD....		H2S.....		P04..	0.2		
CL....	12.						

CO..... K..... 13.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00827

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074191

NAME OF SAMPLE SOURCE... RAILROAD VALLEY - ABEL SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 06N 54E 24 NE OF SW LAT/LONG... 38-21.9 N 115-51.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4246731.
 GEOLOGIC PROVINCE.. EASTING... 600323.
 MAP REFERENCE..... LUND 1:250000, THE WALL SE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/10/16
 TEMPERATURE (C)..... 45.0
 DISCHARGE..... 26. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1080.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W. JR., 1968, REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA; NEVADA UNIV.
 RENO, DESERT RESEARCH INST., CENTER FOR WATER RESOURCES RESEARCH MISC. REPT. 5

RECORD 00828

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074101

NAME OF SAMPLE SOURCE... RAILROAD VALLEY - LOCKE'S - REYNOLDS SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 08N 55E 15 SE OF NE LAT/LONG... 38-33.4 N 115-45.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4268099.
 GEOLOGIC PROVINCE.. EASTING... 607755.
 MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/12
 TEMPERATURE (C)..... 37.2
 DISCHARGE..... 323. L/MIN

DEPOSITS OR ALTERATION.... TUFFA

OTHER SAMPLE INFORMATION.. TEMPERATURE LISTED IS A MAX - GIVEN AS 97-99 F. TWO POOLS APPROXIMATELY 40 FT. APART AT
 BASE OF TUFFA BLUFF.

WATER ANALYSISANALYSIS IN EPM

BA..... FE+3..... NA+K. 2.5
 CA+MG. 4.7

ISOTOPES (0/00)CONDENSATE ANALYSISANALYSIS

HCO3. SI02.

ISOTOPES (0/00)

TRITIUM (T.U.)..... L 8.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968, DELINEATION OF GROUND-WATER FLOW SYSTEMS IN NEVADA: NEVADA UNIV.,
 RENO, DESERT RES. INST., CENTER FOR WATER RESOURCES RESEARCH TECH. REPT. H-W, NO.4.

RECORD 00829

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074103

NAME OF SAMPLE SOURCE... RAILROAD VALLEY - LOCKE'S STOCKYARD (HAY CORRAL) SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 08N 55E 14 NW OF NW LAT/LONG... 38-33.5 N 115-45.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4268286.
 GEOLOGIC PROVINCE.. EASTING.... 607898.
 MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 37.2
 DISCHARGE..... 7571. L/MIN
 DEPOSITS OR ALTERATION... TUFA TERRACE
 OTHER SAMPLE INFORMATION.. TEMPERATURE IS A MAX. - GIVEN AS 93-99 F. TERRACE OF TUFA AND 2 SPRINGS IN MEADOW AT
 BASE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 U.S. GEOL. SURVEY PROF. PAPER 492, NO. 126

RECORD 00830

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074140

NAME OF SAMPLE SOURCE... RAILROAD VALLEY - LOCKE'S BIG SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 08N 55E 15 SW OF NE LAT/LONG... 38-33.4 N 115-46.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4268091.
 GEOLOGIC PROVINCE.. EASTING.... 607174.
 MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/12
 TEMPERATURE (C)..... 38.3
 DISCHARGE..... 520. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE LISTED IS A MAX - GIVEN AS 99-101 DEG F.

WATER ANALYSIS

ANALYSIS IN EPM ISOTOPES (0/00)
 BA..... FE+3..... NA+K. 2.4
 CA+MG. 4.7

CONDENSATE ANALYSIS

ANALYSIS ISOTOPES (0/00)
 HCO3. SI02. TRITIUM (T.U.)..... L 8.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968, DELINEATION OF GROUND-WATER FLOW SYSTEMS IN NEVADA: NEVADA UNIV.,
 RENO, DESERT RES. INST., CENTER FOR WATER RESOURCES RESEARCH TECH. H-W, NO.4

RECORD 00831

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074416

NAME OF SAMPLE SOURCE... RAILROAD VALLEY - LOCKE'S BIG SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 08N 55E 15 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 38-33.4 N 115-46.2 W
 UTM ZONE... +11
 NORTHING... 4268091.
 EASTING.... 607174.

MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/06/21
 TEMPERATURE (C)..... 37.8
 DISCHARGE..... 1802. L/MIN

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 694.

ANALYSIS IN PPMISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	21.		
B.....		F.....	1.2	NA...	52.		
BA....		FE+3....		NA+K.		S04..	59.
CA....	66.	HC03....	376.	NO3..	N		
CL....	10.						
CO....		K.....	10.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A.S., RUSH, F.E. (1974) WATER RESOURCES APPRAISAL OF RAIL ROAD AND PENOYER VALLEYS, EAST-CENTRAL NEVADA: NEV. DEPT. CONSERV. NAT. RESOURCES, WATER RESOURCES RECONN. SER. REPT. 60

RECORD 00832

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074525

NAME OF SAMPLE SOURCE... RAILROAD VALLEY AREA, DEEP WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 01S 03E 28 NE OF SE NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 37-50.0 N 116-01.3 W
 UTM ZONE... +11
 NORTHING... 4187569.
 EASTING.... 586092.

MAP REFERENCE..... GOLDFIELD 1:250000, REVELLE PEAK 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/03/29
 TEMPERATURE (C)..... 21.1
 WELL DEPTH (M)..... 142.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 385.

ANALYSIS IN MG/LISOTOPES (0/00)

AG....		CO3.....	N				
AL....		CR.....		MG...	1.		
BA....		FE+3....		NA+K.	65.	S04..	46.
CA....	14.	HC03....	138.				

CL.... 14.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A. S. AND RUSH, F. E., 1974

RECORD 00833

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074311

NAME OF SAMPLE SOURCE... RAILROAD VALLEY- LOCKE'S BIG SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 55E 15 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 38-33.4 N 115-46.2 W
 UTM ZONE... +11
 NORTHING... 4268091.
 EASTING... 607174.

MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 37.2
 DISCHARGE..... 2203. L/MIN
 OTHER SAMPLE INFORMATION.. DISCHARGE LISTED IS A MAX - GIVEN AS 471-582 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G.W., JR. (1968) REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA; NEVADA UNIV.,
 RENO, DESERT RES. INST., CENTER FOR WATER RESOURCES RESEARCH MISC. REPT. 5

RECORD 00834

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074417

NAME OF SAMPLE SOURCE... RAILROAD VALLEY- LOCKE'S - NORTH SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 08N 55E 14 NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 38-33.5 N 115-45.7 W
 UTM ZONE... +11
 NORTHING... 4268286.
 EASTING... 607898.

MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/11/02
 TEMPERATURE (C)..... 35.0

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 694.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	25.		
BA....	FE+3....	NA+K.	60.	S04..	60.
CA.... 63.	HC03.... 380.				
CL.... 12.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F.E., EVERETT, D.E. (1966) WATER RESOURCES APPRAISAL OF LITTLEFISH LAKE, HOT CREEK, AND
 LITTLE SMOKEY VALLEYS NEVADA; NEV. DEPT. CONSERV. NAT. RESOURCES, WATER RESOURCES - RECONN. SER. REPT. 30

RECORD 00835

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074418

NAME OF SAMPLE SOURCE... RAILROAD VALLEY- LOCKE'S NORTH SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08N 55E 15 NE OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-33.5 N 115-45.8 W
 UTM ZONE... +11
 NORTHING... 4268284.
 EASTING.... 607752.

MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/11/02
 TEMPERATURE (C)..... 35.0

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 694.
ANALYSIS IN PPM
 CL.... 12.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A.S., RUSH, F.E. (1974) WATER RESOURCES APPRAISAL OF RAILROAD AND PENOYER VALLEYS, EAST-CENTRAL NEVADA: NEV. DEPT. CONSERV. NAT. RESOURCES, WATER RESOURCES RECONN. SER. REPT. 60

RECORD 00836

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074419

NAME OF SAMPLE SOURCE... RAILROAD VALLEY- LOCKE'S BIG SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08N 55E 15 SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-33.0 N 115-46.0 W
 UTM ZONE... +11
 NORTHING... 4267356.
 EASTING.... 607474.

MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/11/02
 TEMPERATURE (C)..... 35.0

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 684.
ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
 AL.... CR.....
 BA.... FE+3..... MG... 23.
 CA.... 59. HC03..... 376. NA+K. 68. S04.. 63.
 CL.... 12.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F.E., EVERETT, D.E. (1966) WATER RESOURCES APPRAISAL OF LITTLE FISH LAKE, HOT CREEK, AND LITTLE SMOKEY VALLEYS, NEVADA: NEV. DEPT. CONSERV. NAT. RESOURCES, WATER RESOURCES RECONN. - SER. REPT. 30

RECORD 00837

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074026

NAME OF SAMPLE SOURCE... RAILROAD VALLEY-ABEL SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 06N 54E 23 SE OF NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 38-22.1 N 115-51.7 W
 UTM ZONE... +11
 NORTHING... 4247090.
 EASTING.... 599445.

MAP REFERENCE..... LUND 1:250000, THE WALL NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/09/12
 TEMPERATURE (C)..... 46.1
 DISCHARGE..... 25. L/MIN

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 1100.
 TOTAL DISSOLVED SOLIDS... 696.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	26.		
AS....	CS.....	MN... N			
AU....	CU.....	MO...		SI02.	27.
B.....	F..... 2.7	NA... 120.			
BA....	FE+3....	NA+K.		S04..	51.
BE....	FE(TOT).. 0.02				
CA.... 100.	HCO3.... 673.	NO3.. 0.2			
CD....	H2S.....	PO4.. N			
CL.... 15.					
CO....	K..... 22.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A.A., RUSH, F.E. (1974) WATER RESOURCES APPRAISAL OF RAIL ROAD AND PENOYER VALLEYS, EAST-CENTRAL NEVADA: NEV. DEPT. CONSERV. NAT. RESOURCES, WATER RESOURCES-RECONN. SER. REPT. 60

RECORD 00838

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074089

NAME OF SAMPLE SOURCE... RAILROAD VALLEY-COYOTES HOLES

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 06N 54E 13
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 38-23.0 N 115-51.4 W
 UTM ZONE... +11
 NORTHING... 4248760.
 EASTING.... 599861.

MAP REFERENCE..... LUND 1:250000, THE WALL NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES, LOCATION GIVEN AS W/2

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/10/16
 TEMPERATURE (C)..... 43.9
 DISCHARGE..... 2. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... FIERO,G.W.,JR.(1968) REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA; NEV. UNIV.,
 RENO, DESERT RESEARCH INST., CENTER FOR WATER RESOURCES RESEARCH MISC. REPT 5

RECORD 00839

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074091

NAME OF SAMPLE SOURCE... RAILROAD VALLEY-LOCKE'S (LOCKS) HOT SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 08N 55E 15 SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-33.0 N 115-46.0 W
 UTM ZONE... +11
 NORTHING... 4267356.
 EASTING.... 607474.

MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1934/02/07
 TEMPERATURE (C)..... 35.0
 DISCHARGE..... 200. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN,T.E., MAXEY,G.B., ROBINSON,T.W., FEDERICKS,J.C., LOELTZ,OLJ.(1951) CONTRIBUTIONS TO
 THE HYDROLOGY OF EASTERN NEVADA; NEVADA DEPT. CONSERV. NAT. RESOURCES, WATER RESOURCES BULL. 12

RECORD 00840

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074092

NAME OF SAMPLE SOURCE... RAILROAD VALLEY-LOCKE'S BIG SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 08N 55E 15 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-33.4 N 115-46.2 W
 UTM ZONE... +11
 NORTHING... 4268091.
 EASTING.... 607174.

MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1934/02/07
 TEMPERATURE (C)..... 37.2
 DISCHARGE..... 900. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EAKIN,T.E., MAXEY,G.B., ROBINSON,T.W., FEDERICKS,J.C., LOELTZ, O.J.(1951) CONTRIBUTIONS TO
 THE HYDROLOGY OF EASTERN NEVADA; NEVADA DEPT. CONSERV. NAT. RESOURCES, WATER RESOURCES BULL. 12

RECORD 00841

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074202

NAME OF SAMPLE SOURCE... RAILROAD VALLEY-LOCKE'S - REYNOLDS SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 08N 55E 15 SE OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-33.4 N 115-45.8 W
 UTM ZONE... +11
 NORTHING... 4268099.
 EASTING.... 607755.

MAP REFERENCE..... LUND 1:250000, LOCKES 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/10/06
 TEMPERATURE (C)..... 36.1
 DISCHARGE..... 331. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A.S. RUSH, F. E. (1974) WATER RESOURCES APPRAISAL OF RAILROAD AND PENOVER VALLEYS, EAST-CENTRAL NEVADA: NEVADA DEPT, CONSERV. NAT. RESOURCES, WATER RESOURCES RECONN. SER. REPT. 60.

RECORD 00842

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002174

NAME OF SAMPLE SOURCE... RANCH SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 06N 61E 18 NE
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... SUNNYSIDE NW 1:24000, LUND 1:250000
 OTHER LOCALITY INFORMATION: 8 MILES SW OF SUNNYSIDE

COORDINATES
 LAT/LONG... 38-22.9 N 115-09.1 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1912/00/00 CARPENTER, E.
 TEMPERATURE (C)..... 31.0
 DISCHARGE..... 26119. L/MIN

WATER ANALYSIS

DATE/ANALYST..... DINSMORE, S. C.; UNIV. NEV.
 ALKALINITY..... 263. AS CAC03
 TOTAL DISSOLVED SOLIDS... 340.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	24.		
AU....	CU.....	MO...		SI02.	24.
BA....	FE+3....	NA+K.	13.	S04..	48.
BE....	FE(TOT). 0.2				
CA.... 66.	HCO3.... 278.	NO3..	0.4		
CL.... 10.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK
 CARPENTER, E., 1915, USGS WATER SUP. PAPER 365, P. 30

RECORD 00843

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074888

NAME OF SAMPLE SOURCE... RAY THOMAS WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 20S 053E 23 NE OF NW NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, PAHRUMP 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES
 LAT/LONG... 36-11.9 N 115-58.8 W
 UTM ZONE... +11
 NORTHING... 4006228.
 EASTING... 591703.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/09/09
 TEMPERATURE (C)..... 26.

WELL DEPTH (M)..... 157.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-12-7
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00844

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074933

NAME OF SAMPLE SOURCE... RAY THOMAS WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 20S 053E 14 SW OF SW SE LAT/LONG... 36-12.6 N 115-59.12 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4007517.
 GEOLOGIC PROVINCE.. EASTING... 591210.
 MAP REFERENCE..... DEATH VALLEY 1:250000, PAHRUMP 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1916/10/10
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 151.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1946

RECORD 00845

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074996

NAME OF SAMPLE SOURCE... RAY THOMAS WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 20S 053E 14 SW OF SW SE LAT/LONG... 36-12.0 N 115-59.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4006405.
 GEOLOGIC PROVINCE.. EASTING... 590952.
 MAP REFERENCE..... LAS VEGAS 1:250000, PAHRUMP 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/03/06
 TEMPERATURE (C)..... 26.1
 WELL DEPTH (M)..... 77.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00846

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074999

NAME OF SAMPLE SOURCE... RAYCRAFT WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 20S 053E 14 SW OF NW SW LAT/LONG... 36-12.0 N 115-59.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4006405.
 GEOLOGIC PROVINCE.. EASTING... 590952.

MAP REFERENCE..... LAS VEGAS 1:250000, PAHRUMP 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/09/09
 TEMPERATURE (C)..... 27.2
 WELL DEPTH (M)..... 110.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MAXEY, G. B., AND JAMESON, C. H., 1948

RECORD 00847

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074524

NAME OF SAMPLE SOURCE... REVELLE MILL SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 02N 050E 28 NW OF SW NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-00.35 N 116-21.7 W
 UTM ZONE... +11
 NORTHING... 4206449.
 EASTING.... 556041.

MAP REFERENCE..... TONOPAH 1:250000, KAWICH PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1969/07/17
 TEMPERATURE (C)..... 28.9
 DISCHARGE..... 23.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MCLANE, A., PERSONAL COMMUNICATION, 1971

RECORD 00848

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074949

NAME OF SAMPLE SOURCE... RODGERS SPRING

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 17S 050E 15 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-28.7 N 116-19.4 W
 UTM ZONE... +11
 NORTHING... 4037016.
 EASTING.... 560618.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/10/07
 TEMPERATURE (C)..... 28.9

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 693.
 TOTAL DISSOLVED SOLIDS... 571.

ANALYSIS IN PPM

AL.....	CR.....	MG...	15.		
B.....	F.....	NA...	78.		
BA.....	FE+3....	NA+K.		S04..	96.
CA..... 55.	HCO3....				
CL..... 27.					
CO.....	K.....				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NAFF, R. L., 1973

RECORD 00849

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074950

NAME OF SAMPLE SOURCE... RODGERS SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 17S 050E 15 NW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 36-28.7 N 116-19.4 W
 UTM ZONE... +11
 NORTHING... 4037016.
 EASTING.... 560618.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/01/14
 TEMPERATURE (C)..... 28.9
 DISCHARGE..... Q 2786.

WATER ANALYSISANALYSIS IN EPMISOTOPES (0/00)

BA..... FE+3..... NA+K. 4.0
 CA+MG. 4.1

OTHER ANALYTICAL DATA... CL + SO4 = 3.52 EPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00850

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074951

NAME OF SAMPLE SOURCE... RODGERS SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 17S 050E 15 NW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

LAT/LONG... 36-28.7 N 116-19.4 W
 UTM ZONE... +11
 NORTHING... 4037016.
 EASTING.... 560618.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/00
 TEMPERATURE (C)..... 27.8

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 547.

ANALYSIS IN PPMISOTOPES (0/00)

AG..... CO3..... N LI... 0.09
 AL..... CR..... MG... 21.
 AU..... CU..... MO... SI02. 23.
 B..... 0.31 F..... 1.5 NA... 69.
 BA..... FE+3..... NA+K. S04.. 78.
 CA..... 47. HCO3..... 302. NO3.. L 0.1
 CL..... 21.
 CO..... K..... 7.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NAFF, R. L., 1973

RECORD 00851

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074952

NAME OF SAMPLE SOURCE... RODGERS SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	17S 050E	15 NW OF NE	LAT/LONG... 36-28.7 N 116-19.4 W
STATE.....	NEVADA			UTM ZONE... +11
COUNTY.....	NYE			NORTHING... 4037016.
GEOLOGIC PROVINCE..				EASTING... 560618.
MAP REFERENCE.....	DEATH VALLEY 1:250000, ASH MEADOWS 1:62500			
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/29
 TEMPERATURE (C)..... 27.8
 DISCHARGE..... 82.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 650.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00852

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074579

NAME OF SAMPLE SOURCE... SALISBURY SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	05N 046E	08 NW OF SE	LAT/LONG... 38-18.1 N 116-50.6 W
STATE.....	NEVADA			UTM ZONE... +11
COUNTY.....	NYE			NORTHING... 4239092.
GEOLOGIC PROVINCE..				EASTING... 513699.
MAP REFERENCE.....	TONOPAH 1:250000, SALISBURY BASIN 1:24000			
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/12/28
 TEMPERATURE (C)..... 24.4
 DISCHARGE..... 12.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., JR., 1968

RECORD 00853

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074580

NAME OF SAMPLE SOURCE... SALISBURY SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	05N 046E	28 SW OF SE	LAT/LONG... 38-15.2 N 116-49.6 W
STATE.....	NEVADA			UTM ZONE... +11
COUNTY.....	NYE			NORTHING... 4233731.
GEOLOGIC PROVINCE..				EASTING... 515166.
MAP REFERENCE.....	TONOPAH 1:250000			

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/07/30
 TEMPERATURE (C)..... 30.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 296.
 TOTAL DISSOLVED SOLIDS... 229.

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	0.1	
AU.....	CU.....		MO...		SI02. 76.
B..... 0.16	F.....	1.2	NA...	65.	
BA..... 0.5	FE+3.....		NA+K.		S04.. 26.
BE.....	FE(TOT)..	0.014			
CA..... 1.6	HCO3.....	132.			
CL..... 10.					
CO.....	K.....	2.5			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 13

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... USGS, UNPUBLISHED DATA

RECORD 00854

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074527

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT AREA

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 07S 044E 28 NW OF SW
 STATE..... NEVADA
 COUNTY..... NYE

COORDINATES

LAT/LONG... 37-17.8 N 117-03.1 W
 UTM ZONE... +11
 NORTHING... 4127581.
 EASTING... 495421.

GEOLOGIC PROVINCE...
 MAP REFERENCE..... GOLDFIELD 1:250000, SCOTTYS JUNCTION 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/13
 TEMPERATURE (C)..... 22.2
 WELL DEPTH (M)..... 62.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 800.
 TOTAL DISSOLVED SOLIDS... 560.

ANALYSIS IN PPM

AL.....	CR.....		MG...	4.9	
B.....	F.....	2.7			
BA.....	FE+3.....		NA+K.	123.	S04.. 106.
BE.....	FE(TOT)..	N			
CA..... 48.	HCO3.....	266.	N03..	3.0	
CL..... 54.					

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 4.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MALMBERG, G. T., AND EAKIN, T. E., 1962

RECORD 00855

GEO THERM FILE ID: 0074528

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT-BEATTY AREA
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09S 046E 20 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 37-08.6 N 116-50.7 W
 UTM ZONE... +11
 NORTHING... 4110581.
 EASTING.... 513766.

MAP REFERENCE..... GOLDFIELD 1:250000, SPRINGDALE 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/21
 TEMPERATURE (C)..... 22.2

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 810.
 TOTAL DISSOLVED SOLIDS... 568.

ANALYSIS IN PPM

AL....	CR.....	MG...	2.0		
B....	F.....		3.2		
BA....	FE+3....	NA+K.	149.	S04..	67.
BE....	FE(TOT). N				
CA....	18. HC03....	NO3..	11.		
CL....	87.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 9.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MALMBERG, G. T., AND EAKIN, T. E., 1962

RECORD 00856

GEO THERM FILE ID: 0074529

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT-BEATTY AREA
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09S 046E 35 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 37-06.85 N 116-47.35 W
 UTM ZONE... +11
 NORTHING... 4107355.
 EASTING.... 518732.

MAP REFERENCE..... GOLDFIELD 1:250000, SPRINGDALE 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/21
 TEMPERATURE (C)..... 22.2

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 610.
 TOTAL DISSOLVED SOLIDS... 427.

ANALYSIS IN PPM

AG....	C03..... N				
AL....	CR.....	MG...	5.8		
B....	F.....		4.5		
BA....	FE+3....	NA+K.	87.	S04..	24.
BE....	FE(TOT). N				

ISOTOPES (0/00)

CA.... 11. HCO3.... 155. NO3.. 12.
 CL.... 55.
 OTHER ANALYTICAL DATA... SAR = 5.2
REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MALMBERG, G. T., AND EAKIN, T. E., 1962

RECORD 00857

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074530

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT-BEATTY AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10S 047E 14 NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-04.6 N 116-41.5 W
 UTM ZONE... +11
 NORTHING... 4103218.
 EASTING... 527407.

MAP REFERENCE..... GOLDFIELD 1:250000, THIRSTY CANYON 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/14
 TEMPERATURE (C)..... 22.2
 DISCHARGE..... 50.

WATER ANALYSIS

PH..... 8.5
 SPECIFIC CONDUCTANCE..... 550.
 TOTAL DISSOLVED SOLIDS... 384.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG... 1.0		
B.....	F..... 3.8			
BA....	FE+3....	NA+K. 117.	S04.. 24.	
BE....	FE(TOT). N			
CA.... 6.0	HCO3.... 212.	NO3.. T		
CL.... 54.				

OTHER ANALYTICAL DATA... SAR = 11.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MALMBERG, G. T., AND EAKIN, T. E., 1962

RECORD 00858

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074531

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT-BEATTY AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10S 047E 33 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 37-01.9 N 116-43.0 W
 UTM ZONE... +11
 NORTHING... 4098220.
 EASTING... 525200.

MAP REFERENCE..... GOLDFIELD 1:250000, THIRSTY CANYON 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/14
 TEMPERATURE (C)..... 23.9
 DISCHARGE..... 15.

WATER ANALYSIS

PH..... 8.0
SPECIFIC CONDUCTANCE..... 760.
TOTAL DISSOLVED SOLIDS... 532.

ISOTOPES (0/00)

ANALYSIS IN PPM

AL..... CR..... MG... 0.1
B..... F..... 1.9
BA..... FE+3..... NA+K. 127. S04.. 14.
BE..... FE(TOT). N
CA..... 24. HCO3.... 275. NO3.. 4.0
CL..... 65.

OTHER ANALYTICAL DATA... SAR = 7.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MALMBERG, G. T., AND EAKIN, T. E., 1962

RECORD 00859

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074536

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT-BEATTY AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11S 047E 10 NW OF NE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 37-05.6 N 116-41.9 W
UTM ZONE... +11
NORTHING... 4105065.
EASTING... 526809.

MAP REFERENCE..... GOLDFIELD 1:250000, THIRSTY CANYON 1:62500 THIRSTY CANYON SE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/14
TEMPERATURE (C)..... 22.2
DISCHARGE..... 75.

WATER ANALYSIS

PH..... 8.3
SPECIFIC CONDUCTANCE..... 590.
TOTAL DISSOLVED SOLIDS... 413.

ISOTOPES (0/00)

ANALYSIS IN PPM

AL..... CR..... MG... 1.0
B..... F..... 2.9
BA..... FE+3..... NA+K. 90. S04.. 24.
BE..... FE(TOT). N
CA..... 19. HCO3.... 188. NO3.. T
CL..... 48.

OTHER ANALYTICAL DATA... SAR = 5.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... MALMBERG, G. T., AND EAKIN, T. E., 1962

RECORD 00860

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074537

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT-BEATTY AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 11S 047E 33 NE OF NW
STATE..... NEVADA
COUNTY..... NYE

LAT/LONG... 36-56.5 N 116-43.6 W
UTM ZONE... +11
NORTHING... 4088233.

GEOLOGIC PROVINCE..

EASTING.... 524339.

MAP REFERENCE..... DEATH VALLEY 1:250000, BARE MTN. 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/14

TEMPERATURE (C)..... 31.1

DISCHARGE..... 25.

WATER ANALYSIS

PH..... 8.2

SPECIFIC CONDUCTANCE..... 470.

TOTAL DISSOLVED SOLIDS... 330.

ANALYSIS IN PPM

AL..... CR..... MG... 0.5

B..... F..... 4.1

BA..... FE+3..... NA+K. 96. S04.. 34.

CA..... 4.8 HC03..... 176. NO3.. N

CL..... 31.

OTHER ANALYTICAL DATA... SAR = 12.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... MALMBERG, G. T., AND EAKIN, T. E., 1962

RECORD 00861

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074540

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT-BEATTY AREA

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 12S 047E 07

LAT/LONG... 36-54.5 N 116-45.5 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... NYE

NORTHING... 4084528.

GEOLOGIC PROVINCE..

EASTING.... 521529.

MAP REFERENCE..... DEATH VALLEY 1:250000, BULLFROG 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/04/01

TEMPERATURE (C)..... 26.1

WATER ANALYSISANALYSIS IN PPMISOTOPES (0/00)

AL..... CR..... MG... 1.

B..... F..... 0.85

BA..... FE+3..... NA+K. S04.. 48.

CA..... 13. HC03..... NO3.. 3.7

CL..... 49.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... CWRR, 1973

RECORD 00862

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074020

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT, BEATTY

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 11S 47E 21 SW OF NE

LAT/LONG... 36-48.0 N 116-43.4 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, BARE MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

NORTHING... 4072519.
 EASTING.... 524682.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/03/14
 TEMPERATURE (C)..... 36.1
 DISCHARGE..... 100. L/MIN

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1100.
 TOTAL DISSOLVED SOLIDS... 784.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG...	3.9		
B.....	F.....	NA+K.	4.5	S04..	48.
BA....	FE+3....				
BE....	FE(TOT). N				
CA....	HC03....	NO3..	27.		N
CL....			75.		
			393.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MALMBERG, G.T. AND EAKIN, T.E. (1962) GROUND-WATER APPRAISAL OF SARCOBATUS FLAT AND OASIS VALLEY, NYE AND ESMERALDA COUNTIES, NEVADA; NEVADA DEPT. CONSERV. AND NAT. RESOURCES, GROUND-WATER RESOURCES-RECONN. SER. REPT. 10

RECORD 00863

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074428

NAME OF SAMPLE SOURCE... SARCOBATUS FLAT, BEATTY

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 09S 46E 20 NE

COORDINATES

STATE.....	NEVADA	LAT/LONG...	37-08.6	N	116-50.9	W
COUNTY.....	NYE	UTM ZONE...	+11			
GEOLOGIC PROVINCE..		NORTHING...	4110580.			
MAP REFERENCE.....	GOLDFIELD 1:250000, SPRINGDALE 1:62500	EASTING....	513470.			

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/06/05
 TEMPERATURE (C)..... 42.2

WATER ANALYSIS

PH..... 7.7
 TOTAL DISSOLVED SOLIDS... 336.

ANALYSIS IN PPM

ISOTOPES (0/00)

B.....	F.....	NA+K.	4.6	S04..	43.
BA....	FE+3....				
BE....	FE(TOT). N				
CA....	HC03....	NO3..	0.4		1.0
CL....			57.		
			130.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973, CENTER FOR WATER RESOURCES RESEARCH; NEVADA UNIV. RENO DESERT RESEARCH INSTITUTE; COMPUTER DATA BANK.

RECORD 00864

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074991

NAME OF SAMPLE SOURCE... SCRUGGS SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 50E 35 SE OF SW NE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 36-25.9 N 116-18.4 W
UTM ZONE... +11
NORTHING... 4031850.
EASTING.... 562148.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/02/12
TEMPERATURE (C)..... 30.

WATER ANALYSIS

PH..... 7.6
SPECIFIC CONDUCTANCE..... 613.
TOTAL DISSOLVED SOLIDS... 529.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... CO3..... N
AL.... CR..... MG... 19.
AU.... CU..... MO... SI02. 28.
B.... F..... 1.2 NA... 71.
BA.... FE+3.... NA+K. S04.. 80.
CA.... 46. HCO3.... 283.
CL.... 22.
CO.... K..... 7.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-11-66
REFERENCE..... NAFF, R. L., 1973

RECORD 00865

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074088

NAME OF SAMPLE SOURCE... SHELL OIL CO. COYOTE UNIT NO. 1 WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 07N 55E 28 NE OF SW
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

LAT/LONG... 38-26.1 N 115-47.8 W
UTM ZONE... +11
NORTHING... 4254560.
EASTING.... 605027.

MAP REFERENCE..... LUND 1:250000, THE WALL NE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/10/06
TEMPERATURE (C)..... 60.0

WATER ANALYSIS

PH..... 8.3

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... CO3..... N
AL.... CR..... MG... 5.
BA.... FE+3.... NA+K. 189. S04.. 99.
CA.... 12. HCO3.... 410.
CL.... 16.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A.S. AND RUSH, F.E. (1974) WATER RESOURCES APPRAISAL OF RAILROAD AND PENOYER VALLEYS, EAST-CENTRAL NEVADA: NEVADA DEPT. CONSERV. NAT. RESOURCES, WATER RESOURCES-RECONN. SER. REPT. 60

RECORD 00866

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074090

NAME OF SAMPLE SOURCE... SHELL OIL CO. COYOTE UNIT NO. 1 WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	07N 55E	28 SW	LAT/LONG...	38-26.1	N	115-47.8	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	NYE			NORTHING...	4254560.			
GEOLOGIC PROVINCE..				EASTING....	605027.			
MAP REFERENCE.....	LUND 1:250000,	THE WALL	NE 1:24000					

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/00/00
 TEMPERATURE (C)..... 60.
 WELL DEPTH (M)..... 522.
 DISCHARGE..... 1817. L/MIN
 OTHER SAMPLE INFORMATION.. DISCHARGE RANGES FROM 15 - 480 GAL/MIN ARTESIAN FLOW.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY FILES, NYE-76

RECORD 00867

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074334

NAME OF SAMPLE SOURCE... SHELL OIL CO. ESU NO. 2 WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	07N 56E	02 NE OF SE	LAT/LONG...	38-29.7	N	115-38.3	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	NYE			NORTHING...	4261410.			
GEOLOGIC PROVINCE..				EASTING....	618748.			
MAP REFERENCE.....	LUND 1:250000,	TROY CANYON	1:62500					

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/11/24
 TEMPERATURE (C)..... 109.5
 WELL DEPTH (M)..... 3095.
 OTHER SAMPLE INFORMATION.. ANALYSIS OF FORMATION WATER FROM DRILL STEM TEST.

WATER ANALYSIS

PH..... 9.0

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	43.					
AL.....	CR.....		MG...	6.			
BA.....	FE+3....		NA+K.	192.	S04..	50.	
CA.....	7.	HCO3....		293.			
CL.....	68.						

OTHER ANALYTICAL DATA... SAR = 13.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A.S. AND RUSH F.E. (1974) WATER RESOURCES APPRAISAL OF RAILROAD AND PENOYER

VALLEYS, EAST-CENTRAL NEVADA: NEVADA DEPT. CONSERV. NAT. RESRS. WATER RESCH. RECONN., SER. REPT. 60

RECORD 00868

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074982

NAME OF SAMPLE SOURCE... SODA SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 05E 10 SE OF SW NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

COORDINATES

LAT/LONG... 36-29.45 N 116-20.05 W
 UTM ZONE... +11
 NORTHING... 4038396.
 EASTING.... 559638.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/03
 TEMPERATURE (C)..... 21.7

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 695.
 TOTAL DISSOLVED SOLIDS... 537.

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... 0.1 CR.....
 AS..... CS.....
 AU..... CU.....
 B..... F..... 1.9
 BA..... FE+3.....
 BE..... FE(TOT)..... 0.17
 CA..... 38. HCO3..... 288.
 CD..... H2S.....
 CL..... 21.
 CO..... K..... 8.7

ISOTOPES (0/00)

LI... 0.09
 MG... 18.
 MN... L 0.01
 MO... SI02. 23.
 NA... 78.
 NA+K. S04.. 82.
 NB... SR... 0.62
 NO3.. L 0.1
 P04.. L 0.01

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NAFF, R. L., 1973

RECORD 00869

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074211

NAME OF SAMPLE SOURCE... SOUTH MOSQUITO CREEK RANCH SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 11N 47E 06 SE OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-49.5 N 116-43.6 W
 UTM ZONE... +11
 NORTHING... 4297185.
 EASTING.... 523727.

MAP REFERENCE..... TONAPAH 1:250000, MOSQUITO CREEK 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/03/17
 TEMPERATURE (C)..... 35.0
 DISCHARGE..... 15. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... F&E-0, G. W., 1968, REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA: NEVADA UNIV. RENO:

DESERT RESH INST; CNT WATER RESRS RESH MISC. RT 5

RECORD 00870

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074890

NAME OF SAMPLE SOURCE... SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18S 01E 29 NW	LAT/LONG... 36-21.9 N 116-15.7 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4024485.
GEOLOGIC PROVINCE..		EASTING.... 566238.
MAP REFERENCE..... DEATH VALLEY 1:250000; ASH MEADOWS 1:62500		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/28
 TEMPERATURE (C)..... 22.
 DISCHARGE..... 1.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 790.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-104
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00871

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074025

NAME OF SAMPLE SOURCE... STORM SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	06N 54E 11 NE OF NE	LAT/LONG... 38-24.0 N 115-51.7 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... NYE		NORTHING... 4250604.
GEOLOGIC PROVINCE..		EASTING.... 599401.
MAP REFERENCE..... LUND 1:250000; THE WALL NE 1:24000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/07/10
 TEMPERATURE (C)..... 36.7
 DISCHARGE..... 5. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1200.

ANALYSIS IN PPM

CL.... 17.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... VAN DENBURGH, A.S. AND RUSH, F.E. (1974) WATER RESOURCES APPRAISAL OF RAILROAD AND PENOYER VALLEYS, EAST-CENTRAL NEVADA: NEVADA DEPT. CONV. AND NAT. RESOURCES, WATER RESOURCES RECONN. SER. REPT. 60

RECORD 00872

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074138

NAME OF SAMPLE SOURCE... STORM SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	06N 54E 11 NE	LAT/LONG... 38-24.0 N 115-51.7 W

STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, THE WALL NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

UTM_ZONE... +11
 NORTHING... 4250604.
 EASTING.... 599401.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/11/02
 TEMPERATURE (C)..... 35.0

WATER ANALYSISANALYSIS IN PPMISOTOPES (0/00)

AL..... CR..... MG... 25.
 BA..... FE+3..... NA+K. 60. S04.. 60.
 CA.... 63.
 CL.... 12.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973, (CENTER FOR WATER RESOURCES RESEARCH) NEVADA UNIV., RENO: DESERT RESEARCH
 INSTITUTE: COMPUTER DATA BANK

RECORD 00873

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074583

NAME OF SAMPLE SOURCE... STORM SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 06N 054E 11 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000, THE WALL 1:62500, THE WALL NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

LAT/LONG... 38-24.0 N 115-51.4 W
 UTM_ZONE... +11
 NORTHING... 4250610.
 EASTING.... 599838.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/11/02
 TEMPERATURE (C)..... 28.9
 OTHER SAMPLE INFORMATION.. MIXED WATER FROM A 3 SPRING COMPLEX SAMPLED FOR ANALYSIS.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1170.

ISOTOPES (0/00)ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR..... MG... 30.
 BA..... FE+3..... NA+K. 138. S04.. 57.
 CA.... 106. HCO3.... 736.
 CL.... 19.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E. AND EVERETT, D. E., 1966

RECORD 00874

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074582

NAME OF SAMPLE SOURCE... STORMY SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 06N 054E 12 NW OF NE
 STATE..... NEVADA

LAT/LONG... 38-24.0 N 115-51.4 W
 UTM_ZONE... +11

COUNTY..... NYE
GEOLOGIC PROVINCE..
MAP REFERENCE..... LUND 1:250000, THE WALL 1:62500, THE WALL NE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

NORTHING... 4250610.
EASTING.... 599838.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/10/16
TEMPERATURE (C)..... 28.9
DISCHARGE..... 4.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 1100.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... FIERO, G. W., JR., 1968

RECORD 00875

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074934

NAME OF SAMPLE SOURCE... T. M. RAYCRAFT WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 20S 03E 14
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 36-12.55 N 115-59.3 W
UTM ZONE... +11
NORTHING... 4007422.
EASTING.... 590941.

MAP REFERENCE..... DEATH VALLEY 1:250000, PAHRUMP 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1916/00/00
TEMPERATURE (C)..... 26.1
WELL DEPTH (M)..... 98.
OTHER SAMPLE INFORMATION.. FLOWING

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 383.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	25.		
AU....	CU.....	MO...		SI02.	8.
B....	F.....	NA...	42.		
BA....	FE+3....	NA+K.		S04..	32.
CA....	51. HCO3....		242.		
CL....	63.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WARING, G. A., 1919

RECORD 00876

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074585

NAME OF SAMPLE SOURCE... TEST HOLE UCE-18

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08N 01E 01 SW OF NW
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..
MAP REFERENCE..... TONOPAH 1:250000, MOORES STATION 1:62500, MOORES STATION SE 1:24000

COORDINATES
LAT/LONG... 38-35.0 N 116-11.4 W
UTM ZONE... +11
NORTHING... 4270644.
EASTING.... 570551.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/06/07

TEMPERATURE (C)..... 33.3

OTHER SAMPLE INFORMATION.. SAMPLE TAKEN 1 APR 68 GAVE SIMILAR RESULTS.

WATER ANALYSIS

PH..... 8.4

SPECIFIC CONDUCTANCE..... 1300.

TOTAL DISSOLVED SOLIDS... 852.

ANALYSIS IN PPM

AG....		CO3.....	8.	LI...	0.12		
AL....	0.05	CR.....		MG...	1.0	SC...	0.02
AS....		CS.....		MN...	0.001		
AU....		CU.....	0.001	MO...	0.035	SI02.	54.
B.....	1.1	F.....	17.	NA...	325.	SN... L	0.013
BA....	0.015	FE+3....		NA+K.		S04..	47.
BE....	L 0.013	FE(TOT)..	0.3	NB...		SR...	0.05
BR....		GE.....		NI... L	0.007	TI...	0.002
CA....	4.2	HCO3.....	656.	N03..	0.7		
CA+MG.		HG.....		PB... L	0.005		
CD....	L 0.07	H2S.....		P04..	0.13		
CL....	67.						
CO....	L 0.007	K.....	5.7				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... CO2 = 4.3, Y = 0.02

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

RECORD 00877

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074598

NAME OF SAMPLE SOURCE... TOM SPRING

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08N 057E 12 NW OF NW

STATE..... NEVADA

COUNTY..... NYE

GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-34.3 N 115-31.2 W

UTM ZONE... +11

NORTHING... 4270077.

EASTING... 628931.

MAP REFERENCE..... LUND 1:250000, BLUE EAGLE SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/13

TEMPERATURE (C)..... 22.2

DISCHARGE..... 250.

PERTINENT LITHOLOGY..... ISSUES FROM ALLUVIUM.

WATER ANALYSIS

ANALYSIS

BA....		FE+3....		NA+K.	1.8		
BE....		FE(TOT)..		NB...		SR...	
CA+MG.	5.2						

ISOTOPES (0/00)

TRITIUM (T.U.)..... L 8.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... MIFFLIN, M. D., 1968

RECORD 00878

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074903

NAME OF SAMPLE SOURCE... UNNAMED SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	18S 04E 07 SE
STATE.....	NEVADA	LAT/LONG... 36-23.9 N 116-16.2 W
COUNTY.....	NYE	

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/26

TEMPERATURE (C)..... 34.

DISCHARGE..... 2.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 650.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-11-93

REFERENCE..... WALKER, G.E., AND EAKIN, T. E., 1963

RECORD 00879

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074904

NAME OF SAMPLE SOURCE... UNNAMED SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	18S 05E 07 SW
STATE.....	NEVADA	LAT/LONG... 36-23.8 N 116-16.8 W
COUNTY.....	NYE	UTM ZONE... +11
GEOLOGIC PROVINCE..		NORTHING... 4027985.
		EASTING... 564567.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/26

TEMPERATURE (C)..... 34.

DISCHARGE..... 19.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 650.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-11-92

REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00880

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074917

NAME OF SAMPLE SOURCE... UNNAMED SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	18S 05E 07 SE OF NW
STATE.....	NEVADA	LAT/LONG... 36-24.2 N 116-22.9 W
COUNTY.....	NYE	UTM ZONE... +11
GEOLOGIC PROVINCE..		NORTHING... 4028661.
		EASTING... 555445.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/26
 TEMPERATURE (C)..... 32.

WATER ANALYSIS

PH..... 8.2
 TOTAL DISSOLVED SOLIDS... 412.

ANALYSIS IN PPM

AL.....	CR.....	MG...	19.		
B.....	F.....	NA+K.	1.2	S04..	78.
BA.....	FE+3....				
BE.....	FE(TOT)..		0.17		
CA..... 15.	HC03....	N03..	306.	0.2	
CL..... 21.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-83
 REFERENCE..... CWRR, 1973

RECORD 00881

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074926

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	17S 05E	35 NE OF NW	LAT/LONG...	36-26.1	N 116-12.3	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	NYE			NORTHING...	4032290.		
GEOLOGIC PROVINCE..				EASTING....	571258.		

MAP REFERENCE..... DEATH VALLEY 1:250000, AMARGOSA FLAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/23
 TEMPERATURE (C)..... 28.
 DISCHARGE..... 17.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 620.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-73
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00882

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074929

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18S 05E	01 NW OF SE	LAT/LONG...	36-24.9	N 116-17.3	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	NYE			NORTHING...	4030013.		
GEOLOGIC PROVINCE..				EASTING....	563805.		

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.

DISCHARGE..... 9.3
REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-76
 REFERENCE..... HUGHES, J. L., 1966

RECORD 00883

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074930

NAME OF SAMPLE SOURCE... UNNAMED SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18S 050E 01 NW LAT/LONG... 36-25.3 N 116-17.9 N
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4030746.
 GEOLOGIC PROVINCE.. EASTING.... 562903.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.
 DISCHARGE..... 4.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-77
 REFERENCE..... HUGHES, J. L., 1966

RECORD 00884

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074990

NAME OF SAMPLE SOURCE... UNNAMED SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 17S 050E 26 SW OF NE NW LAT/LONG... 36-26.9 N 116-18.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4033694.
 GEOLOGIC PROVINCE.. EASTING.... 561537.
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/02/13
 TEMPERATURE (C)..... 27.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 619.
 TOTAL DISSOLVED SOLIDS... 528.

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	20.		
AU....	CU.....	MO...		SI02.	29.
B.....	F..... 1.3	NA...	69.		
BA....	FE+3....	NA+K.		S04..	81.
CA.... 45.	HC03.... 285.				
CL.... 21.					
CO....	K..... 6.8				

ISOTOPE\$ (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-65
 REFERENCE..... NAFF, R. L., 1973

RECORD 00885

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074992

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 050E 35 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-25.9 N 116-18.4 W
 UTM ZONE... +11
 NORTHING... 4031850.
 EASTING.... 562148.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/24
 TEMPERATURE (C)..... 33.
 DISCHARGE..... 140.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 640.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-66
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00886

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074993

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 050E 35 NW OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-25.9 N 116-18.4 W
 UTM ZONE... +11
 NORTHING... 4031850.
 EASTING.... 562148.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.
 DISCHARGE..... 17.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 620.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-66
 REFERENCE..... HUGHES, J. L., 1966

RECORD 00887

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015478

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 048E 20 SE
 STATE..... NEVADA

COORDINATES
 LAT/LONG... 36-32.4 N 116-35.0 W
 UTM ZONE... +11

COUNTY..... NYE
GEOLOGIC PROVINCE..
MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

NORTHING... 4043724.
EASTING.... 537296.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/04
TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 112.
DISCHARGE..... 1500.
OTHER SAMPLE INFORMATION.. WELL CASING PERFORATED FROM 36 TO 69 METERS.

REFERENCE AND IDENTification

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-11-22
REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00888

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0015479

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 048E 23 SE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 36-32.6 N 116-31.9 W
UTM ZONE... +11
NORTHING... 4044115.
EASTING.... 541919.

MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/07
TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 154.
OTHER SAMPLE INFORMATION.. WELL CASING PERFORATED FROM 82 TO 154 METERS.

REFERENCE AND IDENTification

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-11-23
REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00889

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0015480

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 048E 23 SW
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 36-32.3 N 116-32.5 W
UTM ZONE... +11
NORTHING... 4043556.
EASTING.... 541027.

MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/07
TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 155.
OTHER SAMPLE INFORMATION.. WELL CASING PERFORATED FROM 52 TO 148 METERS.

REFERENCE AND IDENTification

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-25
 REFERENCE..... WALKER, G. E., AND AKIN, T. E., 1963

RECORD 00890

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015481

NAME OF SAMPLE SOURCE... UNNAMED WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 16S 048E 23 NW LAT/LONG... 36-32.9 N 116-32.5 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4044665.
 GEOLOGIC PROVINCE.. EASTING... 541022.
 MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/08/19
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 100.
 OTHER SAMPLE INFORMATION.. WELL CASING PERFORATED FROM 30 TO 90 METERS.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 346.
 TOTAL DISSOLVED SOLIDS... 294.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N				
AL....	0.57	CR.....	MG... 1.0			
AU....		CU.....	MO... 74.	SI02..		
B....	0.15	F..... 2.0	NA... 66.	S04..	27.	
BA....		FE+3....	NB... 1.8	SR... 1.8		
BE....		FE(TOT).. 1.1	NO3.. 3.1			
CA....	9.4	HCO3.... 156.	PO4.. N			
CD....		H2S.....				
CL....	8.8					
CO....		K..... 6.8				

OTHER ANALYTICAL DATA... SAR = 5.32, RSC = 1.93 MILES.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-24
 REFERENCE..... WALKER, G. E., AND AKIN, T. E., 1963

RECORD 00891

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015482

NAME OF SAMPLE SOURCE... UNNAMED WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 16S 048E 24 SW LAT/LONG... 36-32.5 N 116-31.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4043934.
 GEOLOGIC PROVINCE.. EASTING... 542815.
 MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/09
 TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 93.
 OTHER SAMPLE INFORMATION... WELL CASING PERFORATED FROM 34 TO 93 METERS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-26
 REFERENCE..... WALKER, G. E., AND AKIN, T. E., 1963

RECORD 00892

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015483

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	16S 048E 24 NE	LAT/LONG...	36-33.2 N 116-30.8 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4045232.
GEOLOGIC PROVINCE..			EASTING....	543555.
MAP REFERENCE.....	DEATH VALLEY 1:250000, BIG DUNE 1:62500			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/05/24
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 146.
 DISCHARGE..... 1600.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 345.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-27
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00893

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015484

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	16S 048E 24 SE	LAT/LONG...	36-32.6 N 116-30.7 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4044124.
GEOLOGIC PROVINCE..			EASTING....	543710.
MAP REFERENCE.....	DEATH VALLEY 1:250000, BIG DUNE 1:62500			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/05/24
 TEMPERATURE (C)..... 27.
 WELL DEPTH (M)..... 128.
 DISCHARGE..... 1100.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 325.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-28
 REFERENCE..... WALKER, G. E., AND AKIN, T. E., 1963

RECORD 00894

 GEOTHERM FILE ID: 0015485

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 16S 048E 27 SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-31.2 N 116-30.6 W
 UTM ZONE... +11
 NORTHING... 4041536.
 EASTING.... 543872.

MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/04
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 72.
 OTHER SAMPLE INFORMATION.. WELL CASING PERFORATED FROM 32 TO 72 METERS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-29
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00895

 GEOTHERM FILE ID: 0015486

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 16S 048E 36 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-31.2 N 116-30.6 W
 UTM ZONE... +11
 NORTHING... 4041536.
 EASTING.... 543872.

MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/02/21
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 50.
 DISCHARGE..... 1000.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 700.
 TOTAL DISSOLVED SOLIDS... 489.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....	0.2	CR.....	MG...	3.9	
AU....		CU.....	MO....		SI02. 82.
B.....		F.....	NA....	62.	
BA....		FE+3....	NA+K.		S04.. 107.
BE....		FE(TOT). 0.14			
CA....	70.	HCO3.... 142.			
CD....		H2S.....	P04..	N	
CL....	61.				
CO....		K..... 9.0			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 2.13, RSC = 0.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-29
 REFERENCE..... WALKER, G. E., AND AKIN, T. E., 1963

RECORD 00896

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015487

NAME OF SAMPLE SOURCE... UNNAMED WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 16S 048E 36 SE LAT/LONG... 36-30.7 N 116-30.5 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4040613.
 GEOLOGIC PROVINCE.. EASTING.... 544026.
 MAP REFERENCE..... DEATH VALLEY 1:250000, BIG DUNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/06/25
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 124.
 DISCHARGE..... 940.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 675.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-30
 REFERENCE..... WALKER, G. E., AND AKIN, T. E., 1963

RECORD 00897

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074494

NAME OF SAMPLE SOURCE... UNNAMED WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 15S 049E 14 NE OF NE LAT/LONG... 36-39.1 N 116-25.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4056185.
 GEOLOGIC PROVINCE.. EASTING.... 551693.
 MAP REFERENCE..... DEATH VALLEY AMS, LATHROP WELLS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/24
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 24.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 336.
 TOTAL DISSOLVED SOLIDS... 233.

ANALYSIS IN PPM

AG.....		CO3..... N			
AL..... 0.1		CR.....	MG... 2.4		
AU.....		CU.....	MO... 52.	SI02.	
B.....		F..... 1.4	NA... 41.	S04..	33.
BA.....		FE+3.....	NA+K.		
BE.....		FE(TOT). 0.09			
CA..... 25.		HCO3..... 145.	N03.. 3.5		
CD.....		H2S.....	P04.. N		

ISOTOPES (0/00)

CL..... 8.0
 CO..... K..... 5.2
 OTHER ANALYTICAL DATA... SAR = 2.25; RSC = 0.93

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-15
 REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963

RECORD 00898

 GEOTHERM FILE ID: 0074496

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	15S 050E 18 SW	LAT/LONG...	36-38.6 N 116-23.8 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4055275.
GEOLOGIC PROVINCE..			EASTING....	553934.
MAP REFERENCE.....	DEATH VALLEY AMS, LATHROP WELLS 1:24000			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/06/26
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 110.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 863.
 TOTAL DISSOLVED SOLIDS... 408.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3..... N				
AL..... N	CR.....	MG...	2.9		
AU.....	CU.....	MO...		SI02.	45.
B.....	F..... 1.4	NA...	103.		
BA.....	FE+3.....	NA+K.		S04..	122.
BE.....	FE(TOT).. 0.67				
CA..... 21.	HCO3..... 162.	N03..	6.9		
CD.....	H2S.....	P04..	N		
CL..... 18.					
CO.....	K..... 6.0				

OTHER ANALYTICAL DATA... SAR = 5.78; RSC = 1.37

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-16
 REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963

RECORD 00899

 GEOTHERM FILE ID: 0074497

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	16S 048E 02 SE	LAT/LONG...	36-35.0 N 116-31.6 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4048554.
GEOLOGIC PROVINCE..			EASTING....	542345.
MAP REFERENCE.....	DEATH VALLEY AMS, BIG DUNE 1:62500			

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/02
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 127.

OTHER SAMPLE INFORMATION.. WELL CASING IS PERFORATED, 65-127 METERS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-17
 REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963

RECORD 00900

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074498

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 16S 048E 03 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-35.6 N 116-32.7 W
 UTM ZONE... +11
 NORTHING... 4049655.
 EASTING... 540700.

MAP REFERENCE..... DEATH VALLEY AMS, BIG DUNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/02
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 76.
 DISCHARGE..... Q 3407.

OTHER SAMPLE INFORMATION.. WELL CASING IS PERFORATED, 3.7-7.6 METERS.
 QUALIFICATION FIELD..... FLOW RATE IS 650-900 GPM. RATE GIVEN IS MAXIMUM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-18
 REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963

RECORD 00901

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074499

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 16S 048E 11 SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-34.2 N 116-32.2 W
 UTM ZONE... +11
 NORTHING... 4047071.
 EASTING... 541458.

MAP REFERENCE..... DEATH VALLEY AMS, BIG DUNE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/04
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 92.

OTHER SAMPLE INFORMATION.. WELL CASING IS PERFORATED, 40-92 METERS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-19

REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963

RECORD 00902

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074500

NAME OF SAMPLE SOURCE... UNNAMED WELL

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	16S 048E 17 NE	LAT/LONG... 36-33.9 N 116-34.9 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	NYE		NORTHING... 4046498.
GEOLOGIC PROVINCE..			EASTING.... 537434.
MAP REFERENCE.....	DEATH VALLEY AMS, BIG DUNE 1:62500		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/08/18
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 85.
 DISCHARGE..... Q 1500.
 OTHER SAMPLE INFORMATION.. WELL CASING IS PERFORATED, 37-85 METERS.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 1074.
 TOTAL DISSOLVED SOLIDS... 800.

ANALYSIS IN PPM

<u>ANALYSIS IN PPM</u>			<u>ISOTOPES (0/00)</u>	
AG....	CO3..... N	LI... 0.2		
AL.... N	CR.....	MG... 7.8		
AU....	CU.....	MO... SI02. 75.		
B..... 0.57	F..... 1.2	NA... 157.	S04.. 179.	
BA....	FE+3....	NA+K. SR... 0.6		
BE....	FE(TOT). N	NB... NO3.. 1.2		
CA.... 60.	HCO3.... 302.	P04.. N		
CD....	H2S.....			
CL.... 69.				
CO....	K..... 12.			

OTHER ANALYTICAL DATA... SAR = 5.06; RSC = 1.32
 QUALIFICATION FIELD..... DISCHARGE RANGES FROM 1200-1500 GPM. RATE GIVEN IS MAXIMUM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-20
 REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963; SCHOFF, S. L. AND MOORE, J. E., 1964

RECORD 00903

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074501

NAME OF SAMPLE SOURCE... UNNAMED WELL

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	16S 048E 18 NW	LAT/LONG... 36-33.9 N 116-36.7 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	NYE		NORTHING... 4046486.
GEOLOGIC PROVINCE..			EASTING.... 534749.
MAP REFERENCE.....	DEATH VALLEY AMS, BIG DUNE 1:62500		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/07/03
 TEMPERATURE (C)..... 22.

WELL DEPTH (M)..... 116.
 OTHER SAMPLE INFORMATION.. WELL CASING IS PERFORATED, 43-66 METERS AND 79-116 METERS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-21
 REFERENCE..... WALKER, G. E. AND EAKIN, T. E., 1963

RECORD 00904

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074900

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18S 051E 07 NW OF NW NW	LAT/LONG...	36-24.5	N 116-16.6	W
STATE.....	NEVADA		UTM ZONE...	+11		
COUNTY.....	NYE		NORTHING...	4029282.		
GEOLOGIC PROVINCE..			EASTING....	564857.		
MAP REFERENCE.....	DEATH VALLEY 1:250000, ASH MEADOWS 1:62500					
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.					

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/03/00
 TEMPERATURE (C)..... 31.
 WELL DEPTH (M)..... 152.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 335.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	N	LI...	0.08		
AL.....	CR.....		MG...	19.		
AU.....	CU.....		MO...		SI02.	23.
B.....	F.....	1.5	NA...	69.		
BA.....	FE+3....		NA+K.		S04..	79.
CA..... 44.	HCO3....	214.	NO3..	0.3		
CL..... 20.						
CO.....	K.....	8.2				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-86
 REFERENCE..... DUDLEY, W. W., JR. AND LARSON, J. D., 1976

RECORD 00905

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074901

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18S 051E 06 NE OF NE	LAT/LONG...	36-25.7	N 116-16.0	W
STATE.....	NEVADA		UTM ZONE...	+11		
COUNTY.....	NYE		NORTHING...	4031507.		
GEOLOGIC PROVINCE..			EASTING....	565736.		
MAP REFERENCE.....	DEATH VALLEY 1:250000, ASH MEADOWS 1:62500					
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.					

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/02/13
 TEMPERATURE (C)..... 24.

WATER ANALYSIS

PH..... 7.7

SPECIFIC CONDUCTANCE..... 572.
 TOTAL DISSOLVED SOLIDS... 492.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	19.	
AU.....	CU.....		MO...		SI02. 18.
B.....	F.....	0.98	NA...	68.	
BA.....	FE+3.....		NA+K.		S04.. 69.
CA..... 36.	HCO3.....	272.			
CL..... 20.					
CO.....	K.....	7.8			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-85
 REFERENCE..... NAFF, R. L., 1973

RECORD 00906

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074902

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18S 050E 11 SE	LAT/LONG...	36-23.9 N 116-18.3 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4028154.
GEOLOGIC PROVINCE..			EASTING....	562324.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/02/00
 TEMPERATURE (C)..... 31.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 412.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....	CO3.....	N			
B.....	F.....	1.9	NA...	55.	
BA.....	FE+3.....		NA+K.		S04.. 64.
CA.....	HCO3.....	304.			
CL..... 21.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-85
 REFERENCE..... DUDLEY, W. W., JR. AND LARSON, J. D., 1976

RECORD 00907

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074915

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18S 050E 03 NE OF NE	LAT/LONG...	36-25.5 N 116-19.2 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4031102.
GEOLOGIC PROVINCE..			EASTING....	560958.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/00
 TEMPERATURE (C)..... 32.
 WELL DEPTH (M)..... 157.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 416.

ANALYSIS IN PPM

ISOTOPES (0/00)

B.....	F.....	1.9	NA...	70.		
BA.....	FE+3.....		NA+K.		S04..	77.
CA.....	HC03.....	284.				
CL.....		21.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-81
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00908

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074916

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18S 050E	05 NE OF NE	LAT/LONG...	36-25.5	N	116-21.5	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	NYE			NORTHING...	4031078.			
GEOLOGIC PROVINCE..				EASTING....	557522.			

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/03/00
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 204.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 792.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	C03.....	130.				
AU.....	CU.....		MO...		SI02.	22.
B.....	F.....	1.9	NA...	237.	S04..	170.
BA.....	FE+3.....		NA+K.			
CA.....	HC03.....	106.				
CL.....		42.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-82
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00909

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074924

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	17S 01E	01 NE	LAT/LONG...	36-25.6	N	116-16.9	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	NYE			NORTHING...	4031312.			
GEOLOGIC PROVINCE..				EASTING....	564393.			

MAP REFERENCE..... DEATH VALLEY 1:250000, SPECTER RANGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/01/10
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 41.
 DISCHARGE..... 191.

OTHER SAMPLE INFORMATION.. WELL CASING PERFORATED FROM 15 TO 41 METERS.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 607.
 TOTAL DISSOLVED SOLIDS... 372.

ANALYSIS IN PPM

AG.....		CO3.....	N			
AL.....	0.2	CR.....		MG...	20.	
AU.....		CU.....		MO...		SI02. 18.
B.....		F.....	0.6	NA...	69.	
BA.....		FE+3.....		NA+K.		S04.. 53.
BE.....		FE(TOT)..	N			
CA.....	39.	HC03.....	350.	NO3..	N	
CL.....	6.0					
CO.....		K.....	10.			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 2.43, RSC = 1.79

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-71
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00910

GEO THERM FILE ID: 0074925

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	17S 05E 31 SE OF SE
STATE.....	NEVADA		
COUNTY.....	NYE		
GEOLOGIC PROVINCE..			

COORDINATES

LAT/LONG...	36-25.7	N	116-15.9	W
UTM ZONE...	+11			
NORTHING...	4031508.			
EASTING....	565886.			

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/02/00
 TEMPERATURE (C)..... 26.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 435.

ANALYSIS IN PPM

AG.....		CO3.....	N	LI...	0.12	
AL.....		CR.....		MG...	12.	
AU.....		CU.....		MO...		SI02. 22.
B.....		F.....	1.5	NA...	120.	
BA.....		FE+3.....		NA+K.		S04.. 90.
CA.....	30.	HC03.....	313.	NO3..	0.1	
CL.....	19.					
CO.....		K.....	6.2			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-72
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00911

GEOTHERM FILE ID: 0074927

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 052E 08 SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-29.0 N 116-08.6 W
 UTM ZONE... +11
 NORTHING... 4037699.
 EASTING.... 576738.

MAP REFERENCE..... DEATH VALLEY 1:250000, SPECTER RANGE 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/27
 TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 122.
 OTHER SAMPLE INFORMATION.. WELL CASING PERFORATED FROM 12 TO 42 METERS.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 595.
 TOTAL DISSOLVED SOLIDS... 483.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N			
AL....	0.2	CR.....	MG...	22.	
AU....		CU.....	MO....		SI02. 18.
B.....		F..... 1.1	NA....	61.	
BA....		FE+3....	NA+K..		S04.. 63.
BE....		FE(TOT). N			
CA....	34.	HCO3.... 274.	N03.. N		
CD....		H2S.....	P04.. N		
CL....	21.				
CO....		K..... 7.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-74
 REFERENCE..... NAFF, R. L., 1973

RECORD 00912

GEOTHERM FILE ID: 0074942

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17S 050E 36 SW OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-25.6 N 116-17.3 W
 UTM ZONE... +11
 NORTHING... 4031307.
 EASTING.... 563796.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/28
 TEMPERATURE (C)..... 33.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 677.
 TOTAL DISSOLVED SOLIDS... 555.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	20.	
AU....		CU.....	MO...		SI02. 24.
B.....	0.04	F.....	NA...	69.	
BA....		FE+3....	NA+K.		S04.. 82.
CA....	47.	HC03.... 304.	NO3..	0.2	
CL....	26.				
CO....		K..... 7.1			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-70
 REFERENCE..... NAFF, R. L., 1973

RECORD 00913

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

GEO THERM FILE ID: 0074983

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 049E 09 NE OF NE SW
 STATE..... NEVADA
 COUNTY..... NYE

COORDINATES

LAT/LONG... 36-34.2 N 116-28.0 W
 UTM ZONE... +11
 NORTHING... 4047103.
 EASTING... 547721.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, LATHROP WELLS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/08/19
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 92.
 DISCHARGE..... 274.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 381.
 TOTAL DISSOLVED SOLIDS... 310.

ANALYSIS IN PPM

AG....		CO3..... N	LI...	0.06	
AL....	0.3	CR.....	MG...	3.4	
AU....		CU.....	MO...		SI02. 56.
B.....	0.16	F..... 0.7	NA...	46.	
BA....		FE+3....	NA+K.		S04.. 53.
BE....		FE(TOT). N	NB...		SR... 0.9
CA....	28.	HC03.... 142.	NO3..	3.3	
CD....		H2S.....	P04.. N		
CL....	10.				
CO....		K..... 7.6			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 2.17, RSC = 0.63

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-31
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00914

GEO THERM FILE ID: 0074984

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 049E 14 NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-33.8 N 116-25.9 W
 UTM ZONE... +11
 NORTHING... 4046382.
 EASTING.... 550857.

MAP REFERENCE..... DEATH VALLEY 1:250000, LATHROP WELLS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/29
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 119.

OTHER SAMPLE INFORMATION.. PERFORATED 46 TO 119 METERS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-32
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00915

GEO THERM FILE ID: 0074985

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 049E 15 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-33.7 N 116-26.3 W
 UTM ZONE... +11
 NORTHING... 4046193.
 EASTING.... 550262.

MAP REFERENCE..... DEATH VALLEY 1:250000, LATHROP WELLS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/29
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 128.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-33
 REFERENCE..... WALKER, G. E., AND AKIN, T. E., 1963

RECORD 00916

GEO THERM FILE ID: 0074986

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 049E 18 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-33.8 N 116-29.6 W
 UTM ZONE... +11
 NORTHING... 4046351.
 EASTING.... 545339.

MAP REFERENCE..... DEATH VALLEY 1:250000, LATHROP WELLS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/28
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 128.
 OTHER SAMPLE INFORMATION.. PERFORATED 43 TO 128 METERS.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-34
 REFERENCE..... WALKER, G. E., AND EAKIN, T. E., 1963

RECORD 00917

GEO THERM FILE ID: 0074085

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UPPER HOT CREEK RANCH SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08N 50E 29 NE OF SW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-31.3 N 116-22.4 W
 UTM ZONE... +11
 NORTHING... 4263677.
 EASTING... 554629.

MAP REFERENCE..... TONAPAH 1:250000, HOBBLE CANYON 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 76.1
 DISCHARGE..... 280. L/MIN
 OTHER SAMPLE INFORMATION.. DISCHARGE ALONG FAULT ZONE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G.W.(1968) REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA: NEV. UNIV. RENO;
 DESERT RESH. INST; CNT WATER RESRS RESH MISC RP 5

RECORD 00918

GEO THERM FILE ID: 0074590

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UPPER HOT CREEK RANCH SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 08N 050E 29 NW OF NE SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-31.7 N 116-21.8 W
 UTM ZONE... +11
 NORTHING... 4264423.
 EASTING... 555496.

MAP REFERENCE..... TONOPAH 1:250000, MOREY PEAK 1:62500, HOBBLE CANYON 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/08/30
 TEMPERATURE (C)..... 34.4

WATER ANALYSISANALYSIS IN PPM

AL....	CR.....	MG...	26.			
BA....	FE+3....	NA+K.	124.	S04..	81.	
CA....	13.					
CL....	33.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973

RECORD 00919

GEO THERM FILE ID: 0074209

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... UPPER WARM SPRING

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 10N 49E 14 NE OF SE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 38-43.0 N 116-26.3 W
 UTM ZONE... +11
 NORTHING... 4285278.
 EASTING.... 548830.

MAP REFERENCE..... TONAPAH 1:250000, UPPER FISH LAKE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40.0
 DISCHARGE..... 27. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., 1968, REGIONAL GROUND-WATER FLOW SYSTEMS OF CENTRAL NEVADA: NEVADA UNIV.
 RENO; DESERT RESH INST; CNT WATER RESRS RESH MISC REPT 5

RECORD 00920

GEO THERM FILE ID: 0074966

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... USGS TRACER WELL 2

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16S 051E 27 NE OF NE NW
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-32.3 N 116-13.9 W
 UTM ZONE... +11
 NORTHING... 4043733.
 EASTING.... 568777.

MAP REFERENCE..... DEATH VALLEY 1:250000, SPECTER RANGE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/02/00
 TEMPERATURE (C)..... 30.6

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... Q 400.

ANALYSIS IN PPM

AG....		CO3..... N	LI... Q 0.08		
AL....		CR.....	MG... 18.		
AU....		CU.....	MO...	SI02. 22.	
B.... 0.27		F..... 2.1	NA... 62.	S04.. 64.	
BA....		FE+3....	NA+K.		
CA.... 45.		HCO3.... 284.	N03.. L 0.1		
CL.... 21.					
CO....		K..... 7.8			

ISOTOPES (0/00)

QUALIFICATION FIELD..... SECOND REFERENCE GIVES TDS=504, LI=0.07 PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976, AND NAFF, R. L., 1973

RECORD 00921

GEO THERM FILE ID: 0074591

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 06N 047E 36 NE OF NW LAT/LONG... 38-20.3 N 116-39.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4243203.
 GEOLOGIC PROVINCE.. EASTING.... 529714.
 MAP REFERENCE..... TONOPAH 1:250000, GEORGES CANYON RIM 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/30
 TEMPERATURE (C)..... 26.1
 DISCHARGE..... 5.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... FIERO, G. W., JR., 1968

RECORD 00922

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002179

NAME OF SAMPLE SOURCE... WARM SPRINGS
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 04N 050E 20 SW
 STATE..... NEVADA
 COUNTY..... NYE
 MAP REFERENCE..... WARM SPRINGS 1:24000, TONOPAH 1:250000
 OTHER LOCALITY INFORMATION: 50 MILES EAST OF TONAPAH

COORDINATES

LAT/LONG... 38-11.2 N 116-22.3 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/23 HEWETT, D. F.
 TEMPERATURE (C)..... 63.0
 DISCHARGE..... 170. L/MIN
 DEPOSITS OR ALTERATION... TUFA APRON
 OTHER SAMPLE INFORMATION.. LITTLE GAS.

WATER ANALYSIS

DATE/ANALYST..... 1954/09/10 BRENNAN, R.
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1290.
 ALKALINITY..... 280. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 833.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	N	LI...	0.8		
AL.....	CR.....		MG...	22.		
AU.....	CU.....		MO...		SI02.	53.
B.....	F.....	3.0	NA...	194.		
BA.....	FE+3.....		NA+K.		S04..	99.
CA.....	HCO3.....	702.	NO3..	0.1		
CL.....						
CO.....	K.....	24.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00923

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000663

NAME OF SAMPLE SOURCE... WARM SPRINGS AREA - UNNAMED WARM SPRING
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 04N 50E 20 SW
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..
MAP REFERENCE..... TONOPAH 1:250000, WARM SPRINGS 1:62500

LAT/LONG... 38-11.29 N 116-22.48 W
UTM ZONE... +11
NORTHING... 4226671.
EASTING.... 554764.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
TEMPERATURE (C)..... 61.0
WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
PH..... 8.1
SPECIFIC CONDUCTANCE..... 1250.
ALKALINITY..... 714. AS HCO3

ANALYSIS IN MG/L

AG..... CO3..... LI... SB...
AL..... CR..... MG... 24. SC...
AU..... CU..... MO... 60.
B..... F..... NA... 175.
BA..... FE+3..... NA+K. S04.. 120.
CA..... 43.
CL..... 32.
CO..... K..... 24.

ISOTOPES (0/00)

DEL D OF WATER..... -113.7
DEL O(18) OF WATER... -14.25

QUALIFICATION FIELD..... HIGH CALCIUM, MAGNESIUM, AND BICARBONATE INDICATE PROBABLE LOW TEMPERATURE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... MARINER, R.H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA, MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 00924

GEOTHERM FILE ID: 0074884

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WELL

LOCATION

COUNTRY..... UNITED STATES 21S 054E 21 NE
STATE..... NEVADA
COUNTY..... NYE
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 36-07.6 N 115-54.5 W
UTM ZONE... +11
NORTHING... 3998349.
EASTING.... 598236.

MAP REFERENCE..... DEATH VALLEY 1:250000, PAHRUMP 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/00/00
TEMPERATURE (C)..... 23.
WELL DEPTH (M)..... 242.

WATER ANALYSIS

PH..... 7.9
TOTAL DISSOLVED SOLIDS... 259.

ANALYSIS IN PPM

AG..... CO3..... N
AL..... CR..... MG... 22.
AU..... CU..... MO... 16.
B..... F..... 0.5 NA... 7.1
BA..... FE+3..... NA+K. S04.. 47.
BE..... FE(TOT). N

ISOTOPES (0/00)

CA..... 53. HC03..... 224. NO3.. 0.6
 CD..... H2S..... PO4.. N
 CL..... 3.0
 CO..... K..... 0.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-12-9
 REFERENCE..... SCOTT, R. C., AND BARKER, F. B., 1962

RECORD 00925

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074885

NAME OF SAMPLE SOURCE... WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 21S 054E 21 NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-07.6 N 115-54.5 W
 UTM ZONE... +11
 NORTHING... 3998349.
 EASTING.... 598236.

MAP REFERENCE..... DEATH VALLEY 1:250000, PAHRUMP 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 428.
 TOTAL DISSOLVED SOLIDS... 259.

ISOTOPE\$ (0/00)

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	22.		
AU.....	CU.....	MO...		SI02.	0.16
B.....	F..... 0.5	NA...	7.1		
BA.....	FE+3.....	NA+K.		S04..	47.
CA..... 53.	HC03..... 224.	NO3..	0.6		
CL..... 3.0					
CO.....	K..... 0.8				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-12-9
 REFERENCE..... HUNT, C. B., ROBINSON, T. W., BOWLES, W. A., AND WASHBURN A. L., 1966

RECORD 00926

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074495

NAME OF SAMPLE SOURCE... WELL NO. 69-57

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 15S 049E 14 NE OF NE
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 36-39. N 116-25.3 W
 UTM ZONE... +11
 NORTHING... 4056000.
 EASTING.... 551694.

MAP REFERENCE..... DEATH VALLEY AMS, LATHROP WELLS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/04/28
 TEMPERATURE (C)..... 28.

WELL DEPTH (M)..... 174.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 336.
 TOTAL DISSOLVED SOLIDS... 233.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N			
AL....	0.1	CR.....	MG....	2.4	
AU....		CU.....	MO....		SI02. 52.
B.....		F..... 1.4	NA....	41.	
BA....		FE+3....	NA+K..		S04.. 33.
BE....		FE(TOT).. 0.09			
CA....	25.	HCO3.... 145.	N03..	3.5	
CD....		H2S.....	P04..	N	
CL....	8.				
CO....		K..... 5.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-15
 REFERENCE..... SCHOFF, S. L. AND MOORE, J. E., 1964

RECORD 00927

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074947

NAME OF SAMPLE SOURCE... WELL SMB

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	17S 05E	10 SW OF SW SE	LAT/LONG...	36-29.05 N 116-19.4 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	NYE			NORTHING...	4037663.
GEOLOGIC PROVINCE..				EASTING....	560613.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/03
 TEMPERATURE (C)..... 21.1

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 640.
 TOTAL DISSOLVED SOLIDS... 554.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N	LI....	0.14	
AL....	0.2	CR.....	MG....	11.	
AS....		CS.....	MN....	0.01	
AU....		CU.....	MO....		SI02. 31.
B.....		F..... 2.	NA....	110.	
BA....		FE+3....	NA+K..		S04.. 74.
BE....		FE(TOT).. 0.04	NB....		SR... 1.1
CA....	22.	HCO3.... 296.	N03..	0.5	
CD....		H2S.....	P04..	L 0.01	
CL....	22.				
CO....		K..... 15.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NAFF, R. L., 1973

RECORD 00928

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074911

NAME OF SAMPLE SOURCE... WELL SM1

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18S 01E 07 NE OF NE SE	LAT/LONG...	36-24.0 N 116-16.3 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4028361.
GEOLOGIC PROVINCE..			EASTING....	565312.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/04

TEMPERATURE (C)..... 28.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1300.
 TOTAL DISSOLVED SOLIDS... 975.

ANALYSIS IN PPM

AG.....		CO3..... N	LI...	0.12		
AL..... 0.1		CR.....	MG...	36.		
AS.....		CS.....	MN...	0.01		
AU.....		CU.....	MO...		SI02.	23.
B.....		F..... 1.5	NA...	170.		
BA.....		FE+3.....	NA+K.		S04..	330.
BE.....		FE(TOT). 0.04	NB...		SR...	1.4
CA..... 60.		HCO3..... 263.	NO3..	7.1		
CD.....		H2S.....	PO4..	0.01		
CL..... 95.						
CO.....		K..... 11.				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-11-94

REFERENCE..... NAFF, R. L., 1973

RECORD 00929

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074907

NAME OF SAMPLE SOURCE... WELL SM17

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18S 051E 08 NE OF NW SW	LAT/LONG...	36-24.1 N 116-15.6 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4028553.
GEOLOGIC PROVINCE..			EASTING....	566357.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/03/27

TEMPERATURE (C)..... 21.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 3067.
 TOTAL DISSOLVED SOLIDS... 3161.

ANALYSIS IN PPM

AG.....		CO3..... N
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ISOTOPES (0/00)

AL.....		CR.....		MG...	89.		
AU.....		CU.....		MO...		SI02.	31.
B.....		F.....		NA...	810.		
BA.....		FE+3.....		NA+K.		S04..	1635.
CA.....	67.	HC03.....	246.				
CL.....	288.						
CO.....		K.....	26.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-99
 REFERENCE..... NAFF, R. L., 1973

RECORD 00930

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074912

NAME OF SAMPLE SOURCE... WELL SM2

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18S 051E 07 SW OF NE SE	LAT/LONG...	36-24.0 N 116-16.3 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	NYE		NORTHING...	4028361.
GEOLOGIC PROVINCE..			EASTING....	565312.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/04
 TEMPERATURE (C)..... 27.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 2750.
 TOTAL DISSOLVED SOLIDS... 2136.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3.....	N	LI...	0.19		
AL.....	0.5	CR.....		MG...	82.		
AS.....		CS.....		MN...	0.01		
AU.....		CU.....		MO...		SI02.	23.
B.....		F.....	1.4	NA...	400.		
BA.....		FE+3.....		NA+K.		S04..	920.
BE.....		FE(TOT)..	0.26	NB...		SR...	3.8
CA.....	140.	HC03.....	242.	NO3..	27.		
CD.....		H2S.....		PO4..	0.01		
CL.....	300.						
CO.....		K.....	19.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-95
 REFERENCE..... NAFF, R. L., 1973

RECORD 00931

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074910

NAME OF SAMPLE SOURCE... WELL SM3

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18S 051E 07 SE OF NE	LAT/LONG...	36-24.11 N 116-16.0 W
STATE.....	NEVADA		UTM ZONE...	+11

COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.
 NORTHING... 4028567.
 EASTING.... 565759.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/20
 TEMPERATURE (C)..... 29.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 1000.
 TOTAL DISSOLVED SOLIDS... 726.

ANALYSIS IN PPM

AG.....		CO3..... N	LI...	0.12		
AL.....	0.1	CR.....	MG...	30.		
AS.....		CS.....	MN...	0.01		
AU.....		CU.....	MO...		SI02.	24.
B.....		F..... 1.7	NA...	130.		
BA.....		FE+3.....	NA+K.		S04..	230.
BE.....		FE(TOT). 0.05	NB...		SR...	1.5
CA.....	59.	HCO3..... 183.	NO3..	5.6		
CD.....		H2S.....	P04..	0.01		
CL.....	76.					
CO.....		K..... 9.1				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-96
 REFERENCE..... NAFF, R. L., 1973

RECORD 00932

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074909

NAME OF SAMPLE SOURCE... WELL SM4

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

TOWNSHIP-RANGE

18S 05E 07 NW OF NE SW

COORDINATES

LAT/LONG... 36-24.0 N 116-16.2 W
 UTM ZONE... +11
 NORTHING... 4028362.
 EASTING.... 565461.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/20
 TEMPERATURE (C)..... 30.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 700.
 TOTAL DISSOLVED SOLIDS... 565.

ANALYSIS IN PPM

AG.....		CO3..... N	LI...	0.09		
AL.....	0.1	CR.....	MG...	21.		
AS.....		CS.....	MN...	0.01		
AU.....		CU.....	MO...		SI02.	23.
B.....		F..... 1.7	NA...	78.		
BA.....		FE+3.....	NA+K.		S04..	83.
BE.....		FE(TOT). 0.03	NB...		SR...	0.93
CA.....	51.	HCO3..... 293.	NO3..	2.6		

ISOTOPES (0/00)

CD..... H2S..... P04.. 0.01
 CL..... 25.
 CO..... K..... 8.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-97
 REFERENCE..... NAFF, R. L., 1973

RECORD 00933

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074908

NAME OF SAMPLE SOURCE... WELL SM5

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18S 01E 07 NW OF NW NW LAT/LONG... 36-24.5 N 116-16.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4029282.
 GEOLOGIC PROVINCE.. EASTING.... 564857.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/04
 TEMPERATURE (C)..... 30.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 540.
 TOTAL DISSOLVED SOLIDS... 457.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		CO3..... N	LI... 0.08		
AL..... 0.2		CR.....	MG... 19.		
AU.....		CU.....	MO... 70.	SI02. 23.	
B.....		F..... 1.5	NA... 70.	S04.. 79.	
BA.....		FE+3.....	NA+K.	SR... 0.78	
BE.....		FE(TOT). 0.12	NB...		
CA..... 44.		HCO3..... 214.	NO3.. 0.3		
CD.....		H2S.....	P04.. 0.01		
CL..... 20.					
CO.....		K..... 8.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-98
 REFERENCE..... NAFF, R. L., 1973

RECORD 00934

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074989

NAME OF SAMPLE SOURCE... WELL SM7

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17S 05E 23 NW OF SE SE LAT/LONG... 36-27.2 N 116-18.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... NYE NORTHING... 4034255.
 GEOLOGIC PROVINCE.. EASTING.... 562430.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/10/03

TEMPERATURE (C)..... 33.

WATER ANALYSIS

PH..... 7.8

SPECIFIC CONDUCTANCE..... 630.

TOTAL DISSOLVED SOLIDS... 528.

ANALYSIS IN PPM

AG....		CO3..... N	LI...	0.08		
AL....		CR.....	MG...	19.		
AU....		CU.....	MO...		SI02.	22.
B.....	0.01	F..... 1.7	NA...	72.		
BA....		FE+3....	NA+K.		S04..	80.
BE....		FE(TOT).. 0.04	NB...		SR...	0.79
CA....	45.	HCO3..... 281.	NO3..	0.1		
CL....	20.					
CO....		K..... 8.1				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-11-64
 REFERENCE..... NAFF, R. L., 1973

RECORD 00935

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WILCOX WELL

GEOHERM FILE ID: 0074962

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19S 05E 34 SW OF NE
 STATE..... NEVADA
 COUNTY..... NYE

COORDINATES

LAT/LONG... 36-15.1 N 116-00.3 W
 UTM ZONE... +11
 NORTHING... 4012120.
 EASTING... 589395.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000, MT. SCHADER 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/26
 TEMPERATURE (C)..... 25.6

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 437.
 TOTAL DISSOLVED SOLIDS... 367.

ANALYSIS IN PPM

AG....		CO3..... N	MG...	22.		
AL....	0.04	CR.....	MN...	N		
AS....		CS.....	MO...		SI02.	16.
AU....		CU.....	NA...	5.5		
B.....	0.16	F..... 0.1	NA+K.		S04..	18.
BA....		FE+3....				
BE....		FE(TOT).. N				
CA....	56.	HCO3..... 258.	NO3..	1.5		
CD....		H2S.....	P04..	N		
CL....	4.3					
CO....		K..... 1.6				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 00936

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074402

NAME OF SAMPLE SOURCE... YUCCA FLAT TEST WELL 84-69, (TEST WELL E)

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... GOLDFIELD 1:250000, YUCCA FLAT 1:24000

LAT/LONG... 37-03.3 N 116-00.8 W
 UTM ZONE... +11
 NORTHING... 4101226.
 EASTING.... 587730.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/06/31
 TEMPERATURE (C)..... 42.2
 WELL DEPTH (M)..... 572.
 OTHER SAMPLE INFORMATION.. AQUIFER IS TERTIART VOLCANIC ROCK

WATER ANALYSIS

PH..... 9.0
 SPECIFIC CONDUCTANCE..... 358.
 TOTAL DISSOLVED SOLIDS... 287.

ISOTOPES (0/00)ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG... N			
AU....	CU.....	MO... N	SI02.	61.	
B.....	F..... 0.6	NA... 81.	S04..	16.	
BA....	FE+3....	NO3.. 2.5			
CA.... 1.6	HCO3..... 187.	P04.. 0.72			
CD....	H2S.....				
CL.... 6.0					
CO....	K..... 2.6				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SCHOFF, S.L. AND MOORE, J.E. (1964) CHEMISTRY AND MOVEMENT OF GROUND-WATER, NEVADA TEST SITE:
 USGS TRACE ELEMENT INVT. REPT. TEI-838

RECORD 00937

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074397

NAME OF SAMPLE SOURCE... YUCCA FLAT WELL 79-69A, TESTWELL C

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... NYE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... DEATH VALLEY 1:250000

LAT/LONG... 36-59.7 N 116-01.5 W
 UTM ZONE... +11
 NORTHING... 4094559.
 EASTING.... 586761.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/09/01
 TEMPERATURE (C)..... 37.2
 WELL DEPTH (M)..... 519.
 PERTINENT LITHOLOGY..... AQUIFER IS PALEOZOIC CARBONATE ROCK.

WATER ANALYSIS

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 1080.
 TOTAL DISSOLVED SOLIDS... 624.

ISOTOPES (0/00)ANALYSIS IN PPM

AG.....		CO3.....	N				
AL.....	0.3	CR.....		MG...	27.		
AS.....		CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	30.
B.....		F.....	0.9	NA...	142.		
BA.....		FE+3.....		NA+K.		S04..	71.
BE.....		FE(TOT).	1.0				
CA.....	74.	HCO3.....	577.	NO3..	1.0		
CD.....		H2S.....		P04..	0.07		
CL.....	34.						
CO.....		K.....	15.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SCHOFF, S. L., AND MOORE, J. E., 1964, CHEMISTRY AND MOVEMENT OF GROUND-WATER, NEVADA TEST SITE: US GEOL SURVEY TRACE ELEMENT INV RT TEI-838

RECORD 00938

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000623

NAME OF SAMPLE SOURCE... BLACK ROCK POINT AR A - UNNAMED HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	LAT/LONG...	40-57.	N 118-58.	W
STATE.....	NEVADA	UTM ZONE...	+11		
COUNTY.....	PERSHING	NORTHING...	4534857.		
GEOLOGIC PROVINCE..		EASTING....	334466.		
MAP REFERENCE.....	LOVELOCK 1:250000				
OTHER LOCALITY INFORMATION:	UNSURVEYED				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 TEMPERATURE (C)..... 90.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 PERTINENT LITHOLOGY..... ROCK TYPES: PLAYA SEDIMENTS, VOLCANICS, SEDIMENTARY ROCKS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.1
 SPECIFIC CONDUCTANCE..... 6590.
 ALKALINITY..... 932. AS HCO3

ISOTOPES (0/00)

<u>ANALYSIS IN MG/L</u>				DEL D OF WATER..... -122.2	
AG.....	CO3.....	LI...	SB...	DEL O(18) OF WATER... -13.02	
AL.....	CR.....	MG... 4.	SC...		
AU.....	CU.....	MO...	SI02.	120.	
B.....	F.....	NA... 1500.	NA+K.	290.	
BA.....	FE+3.....				
CA.....					
CL.....					
CO.....	K.....	20.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00939

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000627

NAME OF SAMPLE SOURCE... BUTTE SPRINGS (TREGO)
LOCATION TOWNSHIP-RANGECOORDINATESCOUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... PERSHING
GEOLOGIC PROVINCE..LAT/LONG... 40-46. N 119-07. W
UTM ZONE... +11
NORTHING... 4514799.
EASTING... 321348.MAP REFERENCE..... LOVELOCK 1:250000
OTHER LOCALITY INFORMATION: UNSURVEYEDSAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.

TEMPERATURE (C)..... 86.0

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED

PERTINENT LITHOLOGY..... ROCK TYPES: DUNE SANDS, GRANITE.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 8.4

SPECIFIC CONDUCTANCE..... 2300.

ALKALINITY..... 154. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	SB...
AL.....	CR.....	MG... 0.2	SC...
AU.....	CU.....	MO...	SI02. 85.
B.....	F.....	NA... 463.	S04.. 86.
BA.....	FE+3.....	NA+K.	
CA... 25.			
CL... 520.			
CO.....	K..... 9.3		

ISOTOPES (0/00)DEL D OF WATER..... -124.5
DEL O(18) OF WATER... -14.40REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADAMARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00940

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074277

NAME OF SAMPLE SOURCE... COLADO AREA - MINERAL MATERIALS WELL
LOCATION TOWNSHIP-RANGECOORDINATESCOUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... PERSHING
GEOLOGIC PROVINCE..LAT/LONG... 40-14.7 N 119-23.1 W
UTM ZONE... +11
NORTHING... 4457469.
EASTING... 297131.

MAP REFERENCE..... LOVELOCK 1:250000, LOVELOCK 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/10/08

TEMPERATURE (C)..... 65.6

WATER ANALYSIS

PH..... 7.9

SPECIFIC CONDUCTANCE..... 10200.

TOTAL DISSOLVED SOLIDS... 5040.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	N				
AL....		CR.....		MG...	19.		
AU....		CU.....		MO...		SI02.	76.
B.....	5.4	F.....	4.1	NA...	1700.		
BA....		FE+3....		NA+K.		S04..	282.
BE....		FE(TOT)..	0.47				
CA....	115.	HCO3....	186.	NO3..	42.		
CL....	2580.						
CO....		K.....	120.				

OTHER ANALYTICAL DATA... SAR = 39.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... EVERETT, E. E., RUSH, F. E., 1965, WATER-RESOURCES APPRAISAL OF LOVELOCK VALLEY, PERSHING COUNTY NEVADA; NEV. DEPT. CONSERV. NATURAL RESOURCES, WATER RESOURCES - RECONNAISSANCE SERVICE REPORT 32

RECORD 00941

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074206

NAME OF SAMPLE SOURCE... COLADO AREA, DRILL HOLE

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	28N 32E	27 SE OF SE	LAT/LONG...	40-15.4	N 119-21.8	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	PERSHING			NORTHING...	4458714.		
GEOLOGIC PROVINCE..				EASTING....	299009.		

MAP REFERENCE..... LOVELOCK 1:250000, OREANA 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 68.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... PRUSS, D. E., BONHAM, H.F., JR., SPRUCK, W. H. (1961) AREAL ECONOMIC GEOLOGY OF T28N, R31 AND 32E, M.D.M.; SOUTHERN PACIFIC CO., UNPUBL. MAP.

RECORD 00942

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074391

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS - BLACK ROCK HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	37N 29E	27 NW	LAT/LONG...	40-56.2	N 119-00.2	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	PERSHING			NORTHING...	4533447.		
GEOLOGIC PROVINCE..				EASTING....	331346.		

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 95.0

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 6650.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	N	LI...	0.25		
AL....		CR.....		MG...	4.		

AU.....	CU.....	MO....	SI02.	120.
B..... 4.	F..... 14.	NA.... 1500.		
BA.....	FE+3....	NA+K.	S04..	290.
CA..... 36.	HCO3.... 932.			
CL..... 790.				
CO.....	K..... 20.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B, COLORADO SCHOOL MINES, NEVADA GEOTHERMAL STUDY PRG
 REP 4 (2/1/75 - 10/31/75) NAT SI FND GRANT GI43866.

RECORD 00943

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074068

NAME OF SAMPLE SOURCE... DOUBLE HOT SPRINGS-BLACK ROCK HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>
COUNTRY..... UNITED STATES	35N 26E 02

COORDINATES

STATE..... NEVADA	LAT/LONG... 40-57.1 N 118-59.1 W
COUNTY..... PERSHING	UTM ZONE... +11
GEOLOGIC PROVINCE..	NORTHING... 4535077.
MAP REFERENCE..... LOVELOCK 1:250000	EASTING... 332927.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 90.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... JOHNSON, M.G. (1977) GEOLOGY AND MINERAL DEPOSITS OF PERSHING CO. NEVADA: NEVADA BUREAU
 MINES AND GEOLOGY BULL. 89

RECORD 00944

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074208

NAME OF SAMPLE SOURCE... HUMBOLDT (RYE PATCH) AREA - PHILLIPS PETROL. CAMPBELL E NO. 1

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>
COUNTRY..... UNITED STATES	31N 33E 21 SE

COORDINATES

STATE..... NEVADA	LAT/LONG... 40-32.1 N 119-16.1 W
COUNTY..... PERSHING	UTM ZONE... +11
GEOLOGIC PROVINCE..	NORTHING... 4489401.
MAP REFERENCE..... LOVELOCK 1:250000, RYE PATCH RESERVOIR SOUTH 1:24000	EASTING... 307882.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 162.8

WELL DEPTH (M)..... 565.

OTHER SAMPLE INFORMATION.. API NO. 27-027-90000.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEV BUR. MINES AND GEOLOGY PERSHING COUNTY NO. 20H

RECORD 00945

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074518

NAME OF SAMPLE SOURCE... HYDER (CONE) HOT SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>
COUNTRY..... UNITED STATES	25N 038E 28 SW

COORDINATES

LAT/LONG... 40-00.35 N 117-43.25 W

STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MTN, 1:62500

UTM_ZONE... +11
 NORTHING... 4428443.
 EASTING.... 438473.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/07/06
 TEMPERATURE (C)..... 28.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-11-15
 REFERENCE..... COHEN, P. AND EVERETT, D. E., 1963

RECORD 00946

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000803

NAME OF SAMPLE SOURCE... HYDER (HYDRA) HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 25N 38E 28 SW
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... CAIN MTN, 1:62500, WINNEMUCCA 1:250000

LAT/LONG... 40-00.2 N 117-43.0 W
 UTM_ZONE... +11
 NORTHING... 4428163.
 EASTING.... 438827.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/09/20 MARINER AND EVANS
 TEMPERATURE (C)..... 78.0
 DISCHARGE..... 102. L/MIN

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, METAL ANALYSES ACIDIFIED WITH NITRIC ACID, DILUTED

DEPOSITS OR ALTERATION.... LARGE CARBONATE MOUND, TRAVERTINE TERRACES.

WATER ANALYSIS

DATE/ANALYST..... 1975/00/00 BARNES GROUP
 PH..... 6.8
 SPECIFIC CONDUCTANCE..... 1500.
 ALKALINITY..... 926. AS HCO3

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	LI...	1.6		
AL....	0.004	CR.....	MG...	10.		
AS....		CS.....	MN...	0.02		
AU....		CU.....	MO...		SI02.	63.
B....	4.1	F.....	NA...	390.	S04..	120.
BA....		FE+3....	NA+K.			
BE....		FE(TOT). L		0.02		
BI....		GA.....	NH4..	1.8		
CA....	41.					
CD....		H2S..... L		1.		
CL....	45.	I.....	RB...	0.15		
CO....		K.....		20.		

GAS ANALYSIS

ANALYSIS IN VOLUME %

CH4..	0.85			
C2H6.		N2...	12.	
CO2..	83.			

ISOTOPES (00/0)

OTHER ANALYTICAL DATA... GASSY SPRING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., PRESSER, EVANS, CHEMICAL DATA FOR EIGHT SPRINGS IN NORTHWESTERN NEVADA

RECORD 00947

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074329

NAME OF SAMPLE SOURCE... HYDER HOT SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 25N 38E 28 SW LAT/LONG... 40-00.3 N 117-43.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... PERSHING NORTHING... 4428349.
 GEOLOGIC PROVINCE.. EASTING.... 438686.
 MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/06/07
 TEMPERATURE (C)..... 79.4
 DEPOSITS OR ALTERATION.... TRAVERTINE REPORTED.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, EVERETT, D.E. (1963) A BRIEF APPRAISAL OF THE GROUND-WATER HYDROLOGY OF THE DIXIE-FAIRVIEW VALLEY AREA, NEVADA; NEV. DEPT. CONSERV. NAT. RESOURCES, GROUND-WATER RESOURCES RECONN. SER. REPT. 23

RECORD 00948

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074328

NAME OF SAMPLE SOURCE... HYDER (CONE) HOT SPRING
 WARNING NUMBER..... 69
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 25N 38E 28 SW LAT/LONG... 40-00.3 N 117-43.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... PERSHING NORTHING... 4428349.
 GEOLOGIC PROVINCE.. EASTING.... 438686.
 MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 51.7
 DISCHARGE..... Q
 QUALIFICATION FIELD..... FLOW REPORTED AS SMALL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD; USGS PROF. PAPER 492, NO. 69

RECORD 00949

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074331

NAME OF SAMPLE SOURCE... JERSEY VALLEY - HOME STATION RANCH HOT SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 27N 40E 29 SE LAT/LONG... 40-10.7 N 117-29.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... PERSHING NORTHING... 4447457.

GEOLOGIC PROVINCE.. EASTING.... 457998.
 MAP REFERENCE..... WINNEMUCCA 1:250000, MT. MOSES 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/06/08
 TEMPERATURE (C)..... 57.2
 DISCHARGE..... 189, L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, EVERETT, D.E. (1963) A BRIEF APPRAISAL OF THE GROUND-WATER OF THE
 DIXIE-FAIRVIEW VALLEY AREA NEVADA: NEV. DEPT. CONSERV. NAT. RESOURCES, GROUND-WATER RESOURCES RECONN. SER. REPT. 23

RECORD 00950

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000597

NAME OF SAMPLE SOURCE... JERSEY VALLEY AREA - UNNAMED HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 27N 40E 28 SW
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

LAT/LONG... 40-10.74 N 117-29.40 W
 UTM ZONE... +11
 NORTHING... 4447529.
 EASTING.... 458282.

MAP REFERENCE..... WINNEMUCCA 1:250000, MT. MOSES 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... Q 29.
 DISCHARGE..... 20, L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... CaCO3 AND SILICA APRONS DEPOSITED
 PERTINENT LITHOLOGY..... ALLUVIUM, TUFFS, AND FLOWS ARE ROCK TYPES.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 1040.
 ALKALINITY..... 375. AS HCO3

ANALYSIS IN MG/L

AG....		CO3.....		LI... 1.2	SB... 110.
AL.... 0.044		CR.....		MG... 4.4	SC... 150.
AS.... 0.02		CS..... 0.2		MN... 0.28	SI02.. 110.
AU....		CU..... 0.02		MO... 180.	S04.. 150.
B.... 1.9		F..... 7.8		NA... 0.89	SR... 0.76
BA....		FE+3.....			
BE....		FE(TOT).. 0.08			
BI....		GA.....			
BR.... 0.1					
CA.... 36.					
CA+MG.		HG..... L 0.0001			
CD....		H2S.....		P04.. 0.09	
CL.... 40.		I..... 0.01		RB... 0.26	
CO....		K..... 20.			

ISOTOPES (0/00)

DEL D OF WATER..... -129.5
 DEL O(18) OF WATER... -15.58

QUALIFICATION FIELD..... QUALITATIVELY HIGH AQUIFER TEMPERATURE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA

MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00951

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074021

NAME OF SAMPLE SOURCE... KYLE HOT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	29N 36E	12 NW OF NW	LAT/LONG... 40-24.5 N 117-53.1 W
STATE.....	NEVADA			UTM ZONE... +11
COUNTY.....	PERSHING			NORTHING... 4473245.
GEOLOGIC PROVINCE..				EASTING.... 424906.
MAP REFERENCE.....	WINNEMUCCA 1:250000, KYLE HOT SPRINGS 1:62500			
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/20
TEMPERATURE (C)..... 95.6
DEPOSITS OR ALTERATION... SINTER DEPOSITS
OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS. ASSOCIATED ROCK TYPE IS ALLUVIUM.

WATER ANALYSIS

PH..... 7.0
SPECIFIC CONDUCTANCE.... 3312.
TOTAL DISSOLVED SOLIDS... 1968.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....	CO3..... N	LI... 0.667	SB... L 0.1
AL..... 0.0015	CR.....	MG... 20.	
AS..... 0.0015	CS..... 1.6	MN... L 0.01	
AU.....	CU..... L 0.02	MO... SI02. 155.	
B.....	F..... 6.3	NA... 518.	
BA..... 0.38	FE+3....	NA+K. S04.. 48.	
BE.....	FE(TOT). 0.02	NB... SR... L 0.05	
BI.....	GA.....	NH4.. 1.3	
CA..... 97.	HCO3.... 544.	NO3.. L 0.1	
CA+MG.	HG..... L 0.0005	PB... 0.07	
CD.....	H2S.....	PO4.. L 0.1	
CL..... 775.	I.....	RB... 0.138	ZN... 0.021
CO.....	K..... 80.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... SANDERS, J.W., MILES, M.J. (1974) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
REPORT NO. 4- FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT GI
43866

RECORD 00952

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074332

NAME OF SAMPLE SOURCE... KYLE HOT SPRINGS

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>	
COUNTRY.....	UNITED STATES	29N 36E	12 NW OF NW	LAT/LONG... 40-24.5 N 117-53.1 W
STATE.....	NEVADA			UTM ZONE... +12
COUNTY.....	PERSHING			NORTHING... 4472875.
GEOLOGIC PROVINCE..				EASTING.... 509758.
MAP REFERENCE.....	WINNEMUCCA 1:250000, KYLE HOT SPRINGS 1:62500			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/03/25

TEMPERATURE (C)..... 70.6
 DISCHARGE..... N L/MIN
 DEPOSITS OR ALTERATION.... DEPOSITS OF CALCAREOUS SINTER PRESENT, ALSO A "LOW MOUND OF SILICEOUS SINTER" ABOUT 150
 YDS IN DIAMETER. SILICEOUS SINTER BEING DEPOSITED.
 OTHER SAMPLE INFORMATION.. NO VISABLE DISCHARGE, JUST A CIRCULAR POOL 6 FT IN DIAMETER.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1970.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG...	20.		
AU....	CU.....	MO...		SI02..	53.
BA....	FE+3....	NA+K.		S04..	59.
BE....	FE(TOT). T				
CA....	96.	HC03....	512.		
CL....	770.				

OTHER ANALYTICAL DATA... ODOR OF H2S IS NOTICEABLE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... LOELTZ, O. J., PHOENIX, D. A. (1955) GEOLOGY AND GROUND-WATER RESOURCES OF BUENA VISTA VALLEY,
 PERSHING COUNTY, NEVADA; STATE OF NEVADA, OFFICE OF THE STATE ENGINEER WATER RESOURCES BULL. 13

RECORD 00953

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074333

NAME OF SAMPLE SOURCE... KYLE HOT SPRINGS
 WARNING NUMBER..... 66

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	29N 036E 02	LAT/LONG...	40-24.9 N 117-53.9 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	PERSHING		NORTHING...	4473996.
GEOLOGIC PROVINCE..			EASTING....	423782.
MAP REFERENCE.....	WINNEMUCCA 1:250000, KYLE HOT SPRINGS 1:62500			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... Q 71.1
 DEPOSITS OR ALTERATION.... SINTER DEPOSITS
 OTHER SAMPLE INFORMATION.. SEVERAL SPRINGS
 QUALIFICATION FIELD..... DISCHARGE GIVEN AS SMALL. TEMPERATURE LISTED IS A MAXIMUM - RANGE 100-160 F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965

RECORD 00954

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000591

NAME OF SAMPLE SOURCE... KYLE HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	29N 36E 01 SW	LAT/LONG...	40-24.45 N 117-52.87 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	PERSHING		NORTHING...	4473149.
GEOLOGIC PROVINCE..			EASTING....	425230.
MAP REFERENCE.....	WINNEMUCCA 1:250000, KYLE HOT SPRINGS 1:62500			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 77.0

DISCHARGE..... 20. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION.... CaCO3 APRON AND TRACES OF SILICA DEPOSITED
 PERTINENT LITHOLOGY..... ALLUVIUM AND METAMORPHICS.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 6.5
 SPECIFIC CONDUCTANCE..... 3220.
 ALKALINITY..... 545. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....		LI...	3.1	SB...			
AL.....	0.013	CR.....		MG...	26.	SC...			
AS.....		CS.....	0.5	MN...	0.04				
AU.....		CU.....	0.01	MO...		SI02.	150.		
B.....	3.8	F.....	5.7	NA...	540.				
BA.....		FE+3.....		NA+K.		S04..	51.		
BE.....		FE(TOT)...	0.2	NB...		SR...	0.8		
BI.....		GA.....		NH4..	1.0				
CA.....	95.								
CA+MG.		HG.....	0.0021						
CD.....		H2S.....		P04..	0.06				
CL.....	770.	I.....		RB...	0.9				
CO.....		K.....	80.						

ISOTOPES (0/00)

DEL D OF WATER..... -130.0
 DEL O(18) OF WATER... -15.50

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

CH4.. 2.
 C2H6. N2... 7.
 CO2.. 90.

ISOTOPES (00/0)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
 OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00955

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP=RANGE 32N 38E 36
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-36.1 N 117-38.8 W
 UTM ZONE... +11
 NORTHING... 4494530.
 EASTING... 445287.

MAP REFERENCE..... LEACH HOT SPRINGS 1:62500, WINNEMUCCA 1:250000
 OTHER LOCALITY INFORMATION: GOLDBANKS MINING DISTRICT

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... DREYER, R. M.
 TEMPERATURE (C)..... 77.5

WATER ANALYSIS

DATE/ANALYST..... MURATA, K. J.
 TOTAL DISSOLVED SOLIDS... 791.

ANALYSIS IN PPM

AG..... CO3..... 74.

ISOTOPES (0/00)

GEO THERM FILE ID: 0000878

AL.....	CR.....	MG... T		
AU.....	CU.....	MO...	SI02.	52.
B..... T	F.....	NA... 193.		
BA.....	FE+3....	NA+K.	S04..	204.
CA..... 1.5	HCO3.... 233.			
CL..... 33.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... USGS BULL. 32, P. 199, 1886. DRYER, R. M., 1940, UNIV. NEV. BULL. 34 NO. 1, P. 23.

RECORD 00956

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000908

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 32N 38E 36 LAT/LONG... 40-36.1 N 117-38.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... PERSHING NORTHING... 4494530.
 GEOLOGIC PROVINCE.. EASTING.... 445287.

OTHER LOCALITY INFORMATION: 25 MI. SOUTH OF WINNEMUCCA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/16 WHITE, DON E.
 TEMPERATURE (C)..... 97.0
 DISCHARGE..... 38. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1958/01/31 WHITEHEAD, H. C.
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 818.
 ALKALINITY..... 3.0 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 680.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3..... 28.	LI... N		
AL..... N	CR.....	MG... N		
AS..... 0.04	CS.....	MN... 0.25		
AU.....	CU..... N	MO...	SI02.	198.
B..... 1.3	F..... 12.	NA... 185.		
BA.....	FE+3....	NA+K.	S04..	56.
BE.....	FE(TOT). 0.04	NB...	SR... N	
BI.....	GA.....	NH4.. 0.3		
BR..... 0.3				
CA..... 1.2	HCO3.... 308.	NO3.. N		
CA+MG.	HG.....	PB... N		
CD.....	H2S.....	P04.. 0.03		
CL..... 29.	I..... N	RB...	ZN... N	
CO.....	K..... 12.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00957

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074001

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 32N 38E 36 NW OF SE LAT/LONG... 40-36.2 N 117-38.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... PERSHING NORTHING... 4494715.
 GEOLOGIC PROVINCE.. EASTING.... 445288.
 MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 95.0
 OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION NE/4, NW/4, SE/4.

WATER ANALYSIS

ANALYSIS IN PPM		<u>ISOTOPES (0/00)</u>			
AG....	CO3.....	LI...	SB...	0.156	
B.....	F.....	NA... 89.			
BA.... 0.214					
CA....	HCO3....	NO3..	U....	0.00035	
CL.... 13.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG,H.A.,ASA O.F., BOWMAN,H., MCEVILLY,T., MORRISON, F., WITHERSPOON,P. (1975)
 GEOTHERMAL ENERGY RESOURCE ASSESSMENT: CALIF. UNIV., LAWRENCE BERKELEY LABORATORY REPT. UCID-3762,U.S. ERDA
 CONTRACT NO. W-7405-ENG-48

RECORD 00958

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074002

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS

LOCATION		TOWNSHIP-RANGE	COORDINATES	
COUNTRY.....	UNITED STATES	32N 38E 36 NW OF SE	LAT/LONG...	40-36.2 N 117-38.8 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	PERSHING		NORTHING...	4494715.
GEOLOGIC PROVINCE..			EASTING....	445288.
MAP REFERENCE.....	WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500			

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES. LOCATION NE/4, NW/4, SE/4.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75.0
 OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION NE/4 NW/4 SE/4, DATA LISTED IS
 FOR UNFILTERED SAMPLE, OTHER DATA SAME SAM LE (ALL PPB): U=0.40,W=94,MO=0.9,SB=13,BA=286,DATA FOR FILEERED SAMPLE:
 TEMP=75 C,NA=149,CL=25 PPM,U=0.10,W=84,MO=0.8,SB=9.3,BA=186 PPB

WATER ANALYSIS

ANALYSIS IN PPM		<u>ISOTOPES (0/00)</u>			
AG....	CO3.....	LI...	SB...	0.013	
B.....	F.....	NA... 167.			
BA.... 0.286					
CA....	HCO3....	NO3..	U....	0.00040	
CL.... 27.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG,H.A., ASARO,F., BOWMAN,H., MCEVILLY,T., MORRISON,F., WITHERSPOON,P. (1975)
 GEOTHERMAL ENERGY RESOURCE ASSESSMENT: CALIF. UNIV., LAWRENCE BERKELEY LABORATORY REPT. UCID-3762, U.S. ENERGY
 RES. AND DEVEL. ADMIN. CONTRACT NO. W-7405-ENG-48

RECORD 00959

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074003

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 38E 36 NW OF SE
STATE..... NEVADA
COUNTY..... PERSHING
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES. LOCATION NE/4, NW/4, SE/4.

SAMPLE DESCRIPTION AND CONDITIONS

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION NE/4 NW/4 SE/4, OTHER DATA
SAME SAMPLE (PPB) U=0.08,W=120,MO=1.5,SB=10,BA=166

WATER ANALYSIS

ANALYSIS

ISOTOPES (0/00)

AG.... CO3..... LI... SB... 0.010
BA.... 0.166 NO3.. U.... 0.00008
CA.... HCO3.....

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WOLLENBERG,H.A., ASARO,F., BOWMAN,H., MCEVILLY,T., MORRISON,F., WITHERSPOON,P. (1975)
GEOHERMAL ENERGY RESOURCE ASSESSMENT: CALIF. UNIVL, LAWRENCE BERKELEY LABORATORY REPT. UCID-3762,U.S. ENERGY RES.
AND DEVEL. ADMIN. CONTRACT NO. W-7405-ENG-48

RECORD 00960

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074004

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 38E 36 NW OF SE
STATE..... NEVADA
COUNTY..... PERSHING
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES. LOCATION: NE/4, NW/4, SE/4.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 93.9
OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION: NE/4 NW/4 SE/4, OTHER DATA
SAME SAMPLE (PPB) U LT 0.25,W=75,MO=13,SB=177,BA=182

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... LI... SB... 0.177
B..... F..... NA... 77.
BA.... 0.182 NO3.. U.... L 0.00025
CA.... HCO3.....
CL.... 12.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WOLLENBERG,H.A., ASARO,F., BOWMAN,H., MCEVILLY, T., MORRISON,F., WITHERSPOON,P. (1975)
GEOHERMAL ENERGY RESOURCE ASSESSMENT: CALIF. UNIV., LAWRENCE BERKELEY LAB. REPT. UCID-3762,U.S. ERDA CONTRACT NO.
W-7405-ENG-48

RECORD 00961

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000593

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 38E 36 SE
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500

LAT/LONG... 40-36.22 N 117-38.74 W
 UTM ZONE... +11
 NORTHING... 4494751.
 EASTING.... 445373.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 92.0
 DISCHARGE..... 200. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION.... TRACES OF CaCO3 AND SILICA DEPOSITED
 PERTINENT LITHOLOGY..... ALLUVIUM, BASALT, SEDIMENTARY AND METAMORPHIC ROCKS IN THE AREA.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 811.
 ALKALINITY..... 368. AS HCO3

ANALYSIS IN MG/L

AG.....		CO3.....		LI... 1.7	SB... 135.
AL..... 0.009		CR.....		MG... 0.5	SC... 53.
AS... L 0.01		CS..... 0.2		MN... 0.02	SR... 0.29
AU.....		CU..... 0.01		MO... 160.	
B..... 1.2		F..... 7.8		NA... 0.51	
BA.....		FE+3.....		NA+K..	
BE.....		FE(TOT). L 0.02		NB... 0.21	
BI.....		GA.....		RB... 0.12	
BR..... 0.06					
CA..... 8.8		HG..... 0.0006			
CA+MG..		H2S.....			
CD.....		I..... 0.003			
CL..... 29.		K..... 13.			
CO.....					

ISOTOPES (0/00)

DEL D OF WATER..... -128.6
 DEL O(18) OF WATER... -15.70

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00962

GEOITHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS

GEOOTHERM FILE ID: 0000877

LOCATION

COUNTRY..... UNITED STATES 32N 38E 36
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-36.1 N 117-38.8 W
 UTM ZONE... +11
 NORTHING... 4494530.
 EASTING.... 445287.

OTHER LOCALITY INFORMATION: 25 MI. SOUTH OF WINNEMUCCA

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/08/24 ROBINSON, T. W. USGS
 TEMPERATURE (C)..... 65.5
 DISCHARGE..... 189. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1945/09/05 MILLER, M. R.

SPECIFIC CONDUCTANCE..... 849.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... N
 AL..... CR..... MG... 7.7
 B..... 1.4
 BA..... FE+3..... NA+K. S04.. 108.
 CA..... 33. HCO3..... 441.
 CL..... 21.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00963

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074234

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS - NELSON(GUTHRIE) HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 38E 35 LAT/LONG... 40-36.0 N 117-40.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... PERSHING NORTHING... 4494359.
 GEOLOGIC PROVINCE.. EASTING.... 443311.

MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 97.2
 DEPOSITS OR ALTERATION... SILICEOUS SINTER AND TUFA
 OTHER SAMPLE INFORMATION.. 8 POOLS IN A ONE ACRE AREA. WATER IS SULFUROUS. TEMPERATURE LISTED IS A MAX - GIVEN AS 140-207 DEG F. WARING NO. 65.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MILLER, M. R., HARDMAN, GEORGE, AND MASON, H. G., 1953, IRRIGATION WATERS IN NEVADA: NEVADA UNIV., RENO, AGR. EXPT. STA. BULL. 187

RECORD 00964

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074204

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 38E 36 LAT/LONG... 40-36.1 N 117-39.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... PERSHING NORTHING... 4494533.
 GEOLOGIC PROVINCE.. EASTING.... 444864.

MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 94.4
 DISCHARGE..... 200. L/MIN
 OTHER SAMPLE INFORMATION.. TEMPERATURE LISTED IS A MAXIMUM, GIVEN AS 158-202 DEG F. WARING NO. 64, 83.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G.A.(1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: U.S. GEOLOGICAL SURVEY PROF. PAPER 492

RECORD 00965

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074229

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 32N 38E 36 SE
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-36.1 N 117-39.1 W
 UTM ZONE... +11
 NORTHING... 4494533.
 EASTING.... 444864.

MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 95.6

OTHER SAMPLE INFORMATION.. TEMPERATURE LISTED IS A MAX - GIVEN AS 139-204 DEG F.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 790.

ANALYSIS IN PPM

ISOTOPES (0/00)
 AG.... CO3..... 74.
 AL.... CR..... MG... T
 B..... T
 BA.... FE+3.... NA+K. 193. S04.. 52.
 CA.... 1.5 HC03.... 233.
 CL.... 33.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... DREYER, T. M., 1940, GOLDBANKS MINING DISTRICT PERSHING COUNTY NEVADA: NEVADA UNIV. BULL.,
V.34 NO.1(33)

RECORD 00966

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074233

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 32N 28E 36
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-36.1 N 117-39.1 W
 UTM ZONE... +11
 NORTHING... 4494533.
 EASTING.... 444864.

MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 97.2

DISCHARGE..... 135. L/MIN

DEPOSITS OR ALTERATION.... SILICEOUS SINTER

OTHER SAMPLE INFORMATION.. TEMPERATURE LISTED IS A MAXIMUM - GIVEN AS 140 - 207 DEG F. FLOW IS A MAXIMUM - GIVEN AS
90 - 135 GAL/MIN. DISCHARGE IS FROM BASE OF A FAULT SCARP PARTLY COVERED BY DENSE SILICEOUS SINTER.REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... COHEN, PHILIP, 1964, AN EVALUATION OF THE WATER RESOURCES OF THE HUMBOLDT RIVER VALLEY NEAR
WINNEMUCCA, NEVADA: NEV. DEPT. CONSERV. AND NATURAL RESOURCES, WATER RESOURCES BULL. 24

RECORD 00967

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074236

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS AREA, POOL

LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 38E 36
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

LAT/LONG... 40-36.1 N 117-39.1 W
 UTM ZONE... +11
 NORTHING... 4494533.
 EASTING.... 444864.

MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75.0

WATER ANALYSIS

ANALYSIS IN U = MICROGRAMS/LITER

ISOTOPES (0/00)

AG....		CO3.....		LI....		SB....	0.009
AS....	0.003	CS.....	0.102	MN....	55.	SI02.	89.
AU....		CU.....		MO....			
B.....		F.....		NA....	154.		
BA....	190.						
BE....		FE(TOT). L	0.075				
CA....	10.	HCO3.....		NO3..		U....	L 0.00002
CL....	26.	I.....		RB....	0.098		
CO....		K.....	8.				

OTHER ANALYTICAL DATA... OTHER DATA (MICROGRAMS/LITER): W = 85, CR = 75, MO =1, SC = 0.02 L.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG, H., BOWMAN, H., ASARO, F., 1977, GEOCHEMICAL STUDIES AT FOUR NORTHERN NEVADA
 HOT-SPRING AREAS: CALIF. UNIV., LAWRENCE BERKELEY LAB ORATORY REPORT 6808

RECORD 00968

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074019

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS, LEACH'S HOT SPRINGS

LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 38E 36 NW
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

LAT/LONG... 40-36.3 N 117-39.5 W
 UTM ZONE... +11
 NORTHING... 4494907.
 EASTING.... 444302.

MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/20
 TEMPERATURE (C)..... 95.6
 DISCHARGE..... 200. L/MIN

WATER ANALYSIS

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 3312.
 TOTAL DISSOLVED SOLIDS... 1968.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	N	LI....	5.3	SB....	L 0.1
AL....		CR.....		MG....	20.		
AS....	0.00005	CS.....	2.8	MN....	0.034		
AU....		CU.....	0.01	MO....		SI02.	155.
B.....		F.....	6.3	NA....	518.		
BA....	0.46	FE+3.....		NA+K.		S04..	48.
BE....		FE(TOT). L	0.12	NB....		SR....	0.16
BI....		GA.....		NH4..	1.3		

CA.... 97. HCO3.... 544. NO3.. L 0.1
 CA+MG. HG..... L 0.0005 PB... 0.05
 CD.... H2S..... PO4.. L 0.1
 CL.... 775. I..... RB... 1.6 ZN... 0.05
 CO.... K..... 80.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J.W., MILES, M.J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA
 UNIV., RENO, DESERT RES. INST. CENTER FOR WATER RESOURCES RESEARCH PROJ. REPT. 26

RECORD 00969

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074212

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS, POOL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 32N 38E 36
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-36.1 N 117-39.1 W
 UTM ZONE... +11
 NORTHING... 4494533.
 EASTING.... 444864.

MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 95.0

WATER ANALYSIS

ANALYSIS IN PPM (U = MICROGRAMS/LITER)

ISOTOPES (0/00)

AG....	C03.....	LI...	SB...	0.140
AS.... 0.012	CS..... 0.115	MN... 455.	SI02.	183.
AU....	CU.....	MO... 89.		
B.....	F.....			
BE....	FE(TOT). L 0.025			
BR.... 0.030				
CA.... 7.	HCO3....	NO3..	U....	L 0.0002
CL.... 14.	I.....	RB... 0.120		
CO....	K..... 7.			

OTHER ANALYTICAL DATA... OTHER DATA (MICROGRAMS/LITER): W = 25, MO = 13, SC =0.03 L.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG, H., BOWMAN, H., ASARO, F., 1977, GEOCHEMICAL STUDIES AT FOUR NORTHERN NEVADA
 HOT-SPRING AREAS: CALIF. UNIV., LAWRENCE BERKELEY LABORATORY REPORT 6808

RECORD 00970

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074213

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS, POOL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 32N 38E 36
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-36.1 N 117-39.1 W
 UTM ZONE... +11
 NORTHING... 4494533.
 EASTING.... 444864.

MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 93.9

WATER ANALYSIS

ANALYSIS IN PPM (U = MICROGRAMS/LITER)ISOTOPES (0/00)

AG....	CO3.....	LI...	SB...	0.180
AS.... L 0.005	CS..... 0.115	MN... 12.		
B.....	F.....	NA... 80.		
BA.... 190.				
BE....	FE(TOT). 0.95			
BR.... 0.035				
CA.... 8.	HCO3.....	NO3..	U.... L 0.0003	
CL.... 12.	I.....	RB... 0.120		
CO....	K..... 4.			

OTHER ANALYTICAL DATA... OTHER DATA (MICROGRAMS/LITER): W = 80, MO = 13, SC =16.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG, H., BOWMAN, H., ASARO, F., 1977, GEOCHEMICAL STUDIES AT FOUR NORTHERN NEVADA
 HOT-SPRING AREAS: CALIF. UNIV., LAWRENCE BERKELEY LAB ORATORY REPORT 6808

RECORD 00971

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074327

NAME OF SAMPLE SOURCE... LEACH HOT SPRINGS, POOL

LOCATION TOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	32N 38E 36	LAT/LONG...	40-36.1 N 117-3 .1 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	PERSHING		NORTHING...	4494450.
GEOLOGIC PROVINCE..			EASTING....	457555.
MAP REFERENCE.....	WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:24000			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES			

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 78.9

WATER ANALYSISANALYSIS IN PPM (AS,BA,BR,CS,FE,MN,MO,RB,SB,SC,U, IN MG/L)ISOTOPES (0/00)

AG....	CO3.....	LI...	SB...	0.010
AL....	CR.....	MG...	SC... L	0.00002
AS.... L 0.004	CS..... 0.110	MN... 0.060		
AU....	CU.....	MO... 0.0015	SI02.	99.
B.....	F.....	NA... 164.		
BA.... 0.170				
BE....	FE(TOT). L 0.055			
BR.... 0.060				
CA.... 7.	HCO3.....	NO3..	U.... 0.0001	
CL.... 27.	I.....	RB... 0.105		
CO....	K..... 9.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WOLLENBERG, H., BOWMAN, H., ASARO, F. (1977) GEOCHEMICAL STUDIES AT FOUR NORTHERN NEVADA
 HOT-SPRING AREAS: CALIF. UNIV., LAWRENCE BERKELEY LABORATORY REPORT 6808

RECORD 00972

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074006

NAME OF SAMPLE SOURCE... MCCOY SPRINGS (J. SAVEL)

LOCATION TOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	26N 39E 33 NW	LAT/LONG...	40-05.1 N 117-36.0 W
STATE.....	NEVADA		UTM ZONE...	+11

COUNTY..... PERSHING
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MTN. 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

NORTHING... 4437154.
EASTING.... 448846.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/07/28
TEMPERATURE (C)..... 48.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... COHEN, PHILIP, EVERETT, D. E. (1963) A BRIEF APPRAISAL OF THE GROUND-WATER HYDROLOGY OF THE DIXIE-FAIRVIEW VALLEY AREA, NEVADA: NEV. DEPT. CONSERV. NAT. RESOURCES, GROUND-WATER RESOURCES RECONN. SER. REPT. 23

RECORD 00973

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074515

NAME OF SAMPLE SOURCE... PARIS WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 27N 038E 02 NW
STATE..... NEVADA
COUNTY..... PERSHING
GEOLOGIC PROVINCE..
MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MTN. 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/06/24
TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 116.
DISCHARGE..... 10.

WATER ANALYSIS

PH..... 7.9
SPECIFIC CONDUCTANCE..... 853.
TOTAL DISSOLVED SOLIDS... 503.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	19.	
AU.....	CU.....		MO...		SI02. 39.
B..... 0.3	F.....	0.5	NA...	101.	
BA.....	FE+3.....		NA+K.		S04.. 69.
BE.....	FE(TOT)..	0.04			
CA..... 46.	HCO3.....	205.	N03..	1.3	
CL..... 124.					
CO.....	K.....	6.4			

OTHER ANALYTICAL DATA... SAR = 3.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NK-11-11-12
REFERENCE..... COHEN, P. AND EVERETT, D. E., 1963

RECORD 00974

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074512

NAME OF SAMPLE SOURCE... POOL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 038E 36 LAT/LONG... 40-36.2 N 117-38.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... PERSHING NORTHING... 4494715.
 GEOLOGIC PROVINCE.. EASTING.... 445288.
 MAP REFERENCE..... WINNEMUCCA 1:250000, LEACH HOT SPRINGS 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 34.

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		C03.....		LI....		SB....	0.014
AL....		CR.....		MG....		SC....	0.00002
AS....	0.016	CS.....	0.122	MN....	60.	SI02.	175.
AU....		CU.....		MO....	0.003		
B....		F.....		NA....	181.		
BA....	0.070						
BE....		FE(TOT).	0.052				
CA....	3.	HCO3....		N03..		U....	0.00008
CD....		H2S....		P04..		W....	0.132
CL....	30.	I.....		RB....	0.125		
CO....		K.....	11.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-11-11
 REFERENCE..... WOLLENBERG, H. AND BOWMAN, H. AND ASARO, F., 1977

RECORD 00975

GEOIHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074568

NAME OF SAMPLE SOURCE... RICHARD BAILEY WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 35N 024E 06 SW OF SW
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

COORDINATES

LAT/LONG... 40-56.8 N 119-18.3 W
 UTM ZONE... +11
 NORTHING... 4535183.
 EASTING.... 305977.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 95.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 480.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....		CR.....		MG....	0.9		
BA....		FE+3....		NA+K.	124.	S04..	77.
CA....	1.8	HCO3....	166.				
CL....	44.						

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-6
 REFERENCE..... HARRILL, J. R., 1969

RECORD 00976

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001020

NAME OF SAMPLE SOURCE... ROSE CREEK SPRING

LOCATION TOWNSHIP-RANGE

COUNTRY... UNITED STATES 35N 36E 28

STATE... NEVADA

COUNTY... PERSHING

GEOLOGIC PROVINCE..

MAP REFERENCE..... ROSE CREEK 1:62500, WINNEMUCCA 1:250000

OTHER LOCALITY INFORMATION: 2 MI. SOUTH OF ROSE CREEK RR OVERPASS ON U.S. 40.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/22

TEMPERATURE (C)..... 22.0

DISCHARGE..... L/MIN

DEPOSITS OR ALTERATION.... HAS DEPOSITED TRAVERTINE MN AND W ON ALLUVIUM.

OTHER SAMPLE INFORMATION.. MINOR SEDIMENT WHEN COLLECTED.

WATER ANALYSIS

DATE/ANALYST..... 1958/02/07 SCHUCH, J. P.

PH..... 6.4

SPECIFIC CONDUCTANCE..... 2690.

ALKALINITY..... 268. AS CaCO3

TOTAL DISSOLVED SOLIDS... 1740.

ANALYSIS IN PPM

AG.....	CO3..... N	LI...	1.6		
AL..... N	CR.....	MG...	27.		
AS..... N	CS.....	MN...	0.2		
AU.....	CU.....	MO...		SI02.	70.
B..... 9.6	F..... 5.5	NA...	570.		
BA..... N	FE+3....	NA+K.		S04..	102.
BE.....	FE(TOT).. 0.5	NB...		SR... N	
BI.....	GA.....	NH4..	0.7		
BR..... 0.2					
CA..... 62.	HCO3.... 1280.	NO3..	0.8		
CD.....	H2S.....	P04..	0.8		
CL..... 235.	I..... N				
CO.....	K..... 19.				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 00977

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074022

NAME OF SAMPLE SOURCE... SOU (SEVEN DEVILS, GILBERT'S) HOT SPRINGS

LOCATION TOWNSHIP-RANGE

COUNTRY... UNITED STATES 26N 38E 29 SE

STATE... NEVADA

COUNTY... PERSHING

GEOLOGIC PROVINCE..

MAP REFERENCE..... WINNEMUCCA AMS, CAIN MOUNTAIN 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/20

TEMPERATURE (C)..... 70.0
 OTHER SAMPLE INFORMATION.. NEAR NORTH END OF SALT MARSH (OSOBB) VALLEY, SEVERAL SPRINGS ISSUING FROM TUFFA MOUNDS IN
 12-ACRE AREA, ASSOCIATED ROCKS ARE FAULTED TERTIARY LAVA.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 1411.
 TOTAL DISSOLVED SOLIDS... 978.

ANALYSIS IN PPM

AG....	CO3..... N	LI... 0.704	SB... 0.1
AL....	CR.....	MG... 20.	
AS.... L 0.00005	CS..... 1.3	MN... 0.042	
AU....	CU..... L 0.01	MO... 167.	SI02. 64.
B.....	F..... 5.5	NA... 167.	
BA.... 0.1	FE+3....	NA+K.	S04.. 352.
BE....	FE(TOT). 0.3	NB... L 0.05	
BI....	GA.....	NH4.. 1.0	
CA.... 106.	HCO3.... 324.	NO3.. 0.2	
CA+MG.	HG..... L 0.5	PB... L 0.02	
CD....	H2S.....	PO4.. 0.1	
CL.... 77.	I.....	RB... 0.202	ZN... 0.085
CO....	K..... 26.		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J.W., MILES, M. J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA
 UNIV., RENO, DESERT RESEARCH INST., CENTER FOR WATER RESOURCES RESEARCH PROJ. REPT. 26

RECORD 00978

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074330

NAME OF SAMPLE SOURCE... SOU (SEVEN DEVILS, GILBERT'S) HOT SPRINGS
 WARING NUMBER..... 68

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	26N 38E 29 SE	LAT/LONG... 40-05.4 N 117-28.5 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... PERSHING		NORTHING... 4437644.
GEOLOGIC PROVINCE..		EASTING... 459506.

MAP REFERENCE..... WINNEMUCCA 1:250000, MT. MOSES 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
 DEPOSITS OR ALTERATION.... LOW MOUND OF TRAVERTINE COVERING ABOUT 12 ACRES AND BUILT UP TO A HEIGHT OF AT LEAST 60
 FT ABOVE THE PLAIN.
 OTHER SAMPLE INFORMATION.. TEMPERATURE LISTED IS A MAX - GIVEN AS 160-185 F. TEN TO TWELVE CIRCULAR HOT SPRING
 POOLS FROM 6-60 FT IN DIAMETER.

OTHER ANALYTICAL DATA... SODIUM SULFATE AND CHLORIDES REPORTED IN THE WATER.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HAUGE, ARNOLD, EMMONS, S.F. (1877) USGS EXPLOR. 40TH PARALLEL, V. 2, WARING, G.A. (1965) THERMAL
 SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD: USGS PROF. PAPER 492, NO. 68

RECORD 00979

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0000907

NAME OF SAMPLE SOURCE... SOU HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 26N 38E 29
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... CAIN MTN. 1:62500, WINNEMUCCA 1:250000
 OTHER LOCALITY INFORMATION: DIXIE VALLEY, NEV.

COORDINATES
 LAT/LONG... 40-05.2 N 117-43.5 W
 UTM ZONE... +11
 NORTHING... 4437418.
 EASTING.... 438191.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1959/10/01 WALLACE, BOB AND TATLOCK, DON
 TEMPERATURE (C)..... 77.5

WATER ANALYSIS
 DATE/ANALYST..... 1960/01/07 VAN DENBURGH, A. S.
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 1380.
 ALKALINITY..... 360. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 975.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N LI... 0.67
 AL.... 0.38 CR..... MG... 23.
 AS.... CS..... MN... 0.05
 AU.... CU..... MO... SI02. 61.
 B.... 1.2 F..... 5.2 NA... 169.
 BA.... FE+3..... NA+K. S04.. 355.
 BE.... FE(TOT). 0.09
 CA.... 106. HCO3.... 313. NO3.. N
 CL.... 73.
 CO.... K..... 26.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00980

GEO THERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... SOU HOT SPRINGS (GILBERTS HOT SPRINGS)

GEO THERM FILE ID: 0000651

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 26N 38E 29 SE
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MOUNTAIN 1:62500

COORDINATES
 LAT/LONG... 40-05.37 N 117-43.48 W
 UTM ZONE... +11
 NORTHING... 4437732.
 EASTING.... 438222.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.
 TEMPERATURE (C)..... 73.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 PERTINENT LITHOLOGY..... ROCK TYPES: ALLUVIUM, RHYOLITE, METAMORPHICS.

WATER ANALYSIS
 DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.1
 SPECIFIC CONDUCTANCE..... 1407.
 ALKALINITY..... 312. AS HCO3

ISOTOPES (0/00)

ANALYSIS IN MG/L
 AG.... CO3..... LI... SB... DEL D OF WATER..... -130.0
 AL.... CR..... MG... 22. SC... DEL O(18) OF WATER... -16.24
 AU.... CU..... MO... SI02. 65.

B..... F..... NA... 165.
 BA..... FE+3..... NA+K. S04.. 370.
 CA..... 110.
 CL..... 75.
 CO..... K..... 26.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
 OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 00981

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074513

NAME OF SAMPLE SOURCE... SOUTHWEST DREDGING CO. WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 29N 034E 34 SE

COORDINATES

STATE..... NEVADA LAT/LONG... 40-20.2 N 118-08.2 W
 COUNTY..... PERSHING UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4465534.
 MAP REFERENCE..... LOVELOCK 1:250000, UNIONVILLE 1:62500 EASTING... 403449.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/05/15
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 42.
 DISCHARGE..... 2.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 463.
 TOTAL DISSOLVED SOLIDS... 271.

ANALYSIS IN PPM

AL.....	CR.....	MG...	9.3		
AU.....	CU.....	MO...		SI02.	20.
B..... 0.18	F..... 0.1	NA...	33.	S04..	23.
BA.....	FE+3.....	NA+K.			
BE.....	FE(TOT).. 0.05				
CA..... 50.	HCO3..... 210.	N03..	2.0		
CL..... 29.					
CO.....	K..... 1.3				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-17
 REFERENCE..... LOELTZ, O. J. AND PHOENIX, D. A., 1955

RECORD 00982

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074005

NAME OF SAMPLE SOURCE... SPRING, J.S. RANCH

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 26N 39E 33 SW

COORDINATES

STATE..... NEVADA LAT/LONG... 40-04.6 N 117-36.0 W
 COUNTY..... PERSHING UTM ZONE... +11
 NORTHING... 4436229.

EASTING.... 448840.

GEOLOGIC PROVINCE..

MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MTN. 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/06/07

TEMPERATURE (C)..... 48.3

DISCHARGE..... 670. L/MIN

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... COHEN, PHILIP, EVERETT, D.E. (1963) A BRIEF APPRAISAL OF THE GROUND WATER HYDROLOGY OF THE DIXIE-FAIRVIEW VALLEY AREA NEVADA; NEV. DEPT. CONSERV. NAT. RESOURCES, GROUNDWATER RESOURCES RECONN.- SER. REPT. 23

RECORD 00983

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074223

NAME OF SAMPLE SOURCE... TREGO AREA - GARRETT RANCH WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 33N 25E 10 NW

LAT/LONG... 40-45.0 N 119-10.1 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... PERSHING

NORTHING... 4513056.

GEOLOGIC PROVINCE..

EASTING.... 316941.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 51.7

OTHER SAMPLE INFORMATION.. OTHER DATA SAME WELL: DEPTH 90 FT - TEMP. 104 DEG F, NO DEPTH GIVEN - TEMP. 108 DEG F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... SINCLAIR, W. C., 193A, GROUND-WATER APPRAISAL OF THE BLACK ROCK DESERT AREA, NORTHWESTERN NEVADA; NEV. DEPT. CONSERV. AND NATURAL RESOURCES, GROUND-WATER RESOURCES - RECONNAISSANCE SERVICE REPT. 20

RECORD 00984

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074727

NAME OF SAMPLE SOURCE... TREGO HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 33N 025E 03

LAT/LONG... 40-46.3 N 119-06.7 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... PERSHING

NORTHING... 4515344.

GEOLOGIC PROVINCE..

EASTING.... 321783.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: THIS AREA IS UNSURVEYED.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/10

TEMPERATURE (C)..... 83.

DEPOSITS OR ALTERATION.... A LARGE TUFFA MOUND.

OTHER SAMPLE INFORMATION.. TWO SMALL PORTS DISCHARGE WATER AT THE BASE OF A LARGE TUFFA MOUND. AN ADDITIONAL DISCHARGE OCCURS AT THE NORTH END OF THIS MOUND NEAR THE RR TRACKS. THERMOPHYLLIC ALGAE ARE ABUNDANT, ALGAL MATS ALSO CONTAIN MANY DIATOMS.

WATER ANALYSIS

PH..... 7.9

SPECIFIC CONDUCTANCE..... 2350.

ANALYSIS IN PPMISOTOPES (0/00)

AL.....

CR.....

MG... 0.15

AU.....	CU.....	MO...	SI02.	82.
B.....	F.....	NA...	445.	
BA.....	FE+3....	NA+K.	S04..	182.
CA..... 13.	HCO3....			
CL..... 505.				
CO.....	K.....			9.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-18
 REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 00985

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000804

NAME OF SAMPLE SOURCE... UNNAMED COLD SPRING IN THE SELENITE RANGE

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 32N 024E 22
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-37. N 119-15. W
 UTM ZONE... +11
 NORTHING... 4498427.
 EASTING... 309667.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/21 MARINER AND EVANS
 TEMPERATURE (C)..... 14.0
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, METAL ANALYSES ACIDIFIED WITH NITRIC ACID, DILUTED
 OTHER SAMPLE INFORMATION.. FRESH WATER. DEVELOPED AS A SOURCE FOR CATTLE TANK.

WATER ANALYSIS

DATE/ANALYST..... 1975/00/00 BARNES GROUP
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 471.
 ALKALINITY..... 177. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI... 0.03	SB...
AL.....	CR.....	MG... 11.	SC...
AS.....	CS..... L 0.1		
AU.....	CU.....	MO... 29.	SI02. 29.
B..... 0.22	F..... L 0.1	NA... 33.	S04.. 28.
BA.....	FE+3....	NA+K.	
CA..... 49.			
CL..... 51.	I.....	RB... L 0.02	
CO.....	K..... 5.0		

ISOTOPES (0/00)
 DEL D OF WATER..... -119.3
 DEL O(18) OF WATER... -15.26

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., PRESSER, EVANS, CHEMICAL DATA FOR EIGHT SPRINGS IN NORTHWESTERN NEVADA.

RECORD 00986

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000818

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING (LOWER RANCH)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 25N 39E 16 NW
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-02.1 N 117-36.2 W
 UTM ZONE... +11
 NORTHING... 4431606.
 EASTING... 448524.

MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MOUNTAIN 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 HOSE, R. K.

TEMPERATURE (C)..... 40.0

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP

PH..... 8.1

SPECIFIC CONDUCTANCE..... 850.

ALKALINITY..... 456. AS HCO3

ANALYSIS IN MG/L

AL.....	CR.....	MG...	15.		
AU.....	CU.....	MO...		SI02.	42.
B.....	F.....	NA...	143.		
BA.....	FE+3.....	NA+K.		S04..	63.
CA.....					
CL.....					
CO.....	K.....		12.		

ISOTOPES (0/00)

QUALIFICATION FIELD..... HIGH CALCIUM, MAGNESIUM, AND BICARBONATE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, R. H., RAPP, PRESSER, WILLEY, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA.

RECORD 00987

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000796

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR TREGO

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES

LAT/LONG... 40-46. N 119-07. W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... PERSHING

NORTHING... 4514799.

GEOLOGIC PROVINCE..

EASTING... 321348.

MAP REFERENCE..... LOVELOCK 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/21 MARINER AND EVANS

TEMPERATURE (C)..... 84.5

DISCHARGE..... E 150. L/MIN

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, METAL ANALYSES ACIDIFIED WITH NITRIC ACID, DILUTED.

WATER ANALYSIS

DATE/ANALYST..... 1975/00/00 BARNES GROUP

PH..... 7.9

SPECIFIC CONDUCTANCE..... 2120.

ALKALINITY..... 162. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	0.26	SB...	
AL.....	CR.....	MG...	0.2	SC...	
AS.....	CS.....	MN...	L 0.01	SI02.	79.
AU.....	CU.....	MO...			
B.....	F.....	NA...	4.1	NA...	430.
BA.....	FE+3.....	NA+K.		S04..	180.
BE.....	FE(TOT). L		0.02		
BI.....	GA.....	NH4..	0.73		
CA.....					

ISOTOPES (0/00)

DEL D OF WATER..... -127.6
DEL O(18) OF WATER... -14.87

CA+MG. HG..... 0.0002
 CD.... H2S..... 1.0
 CL.... 500. I..... RB... 0.06
 CO.... K..... 8.6

OTHER ANALYTICAL DATA... INTERMITTENT GAS DISCHARGE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., PRESSUR, EVANS, CHEMICAL DATA FOR EIGHT SPRINGS IN NORTHWESTERN NEVADA

RECORD 00988

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074517

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 27N 0 0E 28 SW
 STATE..... NEVADA
 COUNTY..... PERSHING

COORDINATES
 LAT/LONG... 40-10.6 N 117-29.4 W
 UTM ZONE... +11
 NORTHING... 4447271.
 EASTING.... 458281.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, MOUNT MOSES 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/00/00
 TEMPERATURE (C)..... 29.
 DISCHARGE..... 5.

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 1040.

ANALYSIS IN PPM

AG....	CO3..... N	LI... 1.2		
AL....	CR.....	MG... 4.4		
AU....	CU.....	MO... 180.	SI02. 110.	
B.... 1.9	F..... 7.8	NA... 180.	S04.. 150.	
BA....	FE+3....	NA+K.		
CA.... 36.	HCO3.... 374.			
CL.... 40.				
CO....	K..... 20.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-11-14
 REFERENCE..... MARINER, R. H., RAPP, J. B., WILLEY, L. M., AND PRESSER, T. S., 1974

RECORD 00989

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074519

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 25N 039E 19 NW
 STATE..... NEVADA
 COUNTY..... PERSHING

COORDINATES
 LAT/LONG... 40-01.6 N 117-38.9 W
 UTM ZONE... +11
 NORTHING... 4430708.
 EASTING.... 444678.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/06/07

TEMPERATURE (C)..... 28.
 DISCHARGE..... 50.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-11-16
 REFERENCE..... COHEN, P. AND EVERETT, D. E., 1963

RECORD 00990

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074514

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 27N 038E 02 NW
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

COORDINATES
 LAT/LONG... 40-14.7 N 117-40.7 W
 UTM ZONE... +11
 NORTHING... 4454961.
 EASTING.... 442303.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/05/01
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 116.
 DISCHARGE..... 10.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 842.
 TOTAL DISSOLVED SOLIDS... 505.

ANALYSIS IN PPM

AG.....		CO3.....	N				
AU.....		CU.....		MO...		SI02.	36.
B.....	0.2	F.....	0.3	NA...	98.	S04..	71.
BA.....		FE+3.....		NA+K.			
BE.....		FE(TOT)..	0.05				
CA.....		HCO3.....	204.	NO3..	1.1		
CL.....	126.						
CO.....		K.....	6.5				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 3.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-11-12
 REFERENCE..... COHEN, P. AND EVERETT, D. E., 1963

RECORD 00991

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074516

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 27N 038E 28 NW
 STATE..... NEVADA
 COUNTY..... PERSHING
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WINNEMUCCA 1:250000, CAIN MTN. 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

COORDINATES
 LAT/LONG... 40-11.3 N 117-42.9 W
 UTM ZONE... +11
 NORTHING... 4448695.
 EASTING.... 439134.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 153.
 DISCHARGE..... 10.
 OTHER SAMPLE INFORMATION.. ARTESIAN FLOW OF 0. GPM REPORTEDLY FROM THE GRAVEL-CLAY CONTACT AT 90. FEET.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-11-13
 REFERENCE..... COHEN, P. AND EVERETT, D. E., 1963

RECORD 00992

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074434

NAME OF SAMPLE SOURCE... COMSTOCK MINING DISTRICT-NEW YELLOW JACKET SHAFT 3000 FT

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	17N 21E 32 SW OF SE	LAT/LONG... 39-17.4 N 119-38.8 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... STOREY		NORTHING... 4352090.
GEOLOGIC PROVINCE..		EASTING.... 271737.
MAP REFERENCE..... RENO 1:250000, VIRGINIA CITY 1:24000		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1880/11/00
 TEMPERATURE (C)..... 76.7
 WELL DEPTH (M)..... 914.
 OTHER SAMPLE INFORMATION.. MAXIMUM WATER TEMPERATURE RECORDED - OTHERS MENTIONED IN TEXT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BECKER, G.F. (1882) GEOLOGY OF THE COMSTOCK LODE AND THE WASHOE DISTRICT: USGS MON. 3, P. 230

RECORD 00993

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0001021

NAME OF SAMPLE SOURCE... SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	17N 021E 29 NE	LAT/LONG... 39-18.8 N 119-38.6 W
STATE..... NEVADA		
COUNTY..... STOREY		
MAP REFERENCE..... VIRGINIA CITY 1:24000, RENO 1:250000		
OTHER LOCALITY INFORMATION: COMSTOCK LODE, C AND C SHAFT, 2250' LEVEL		

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.0
 OTHER SAMPLE INFORMATION.. TYPICAL DEEP WATER TEMP. 77 DEG C AS HIGH AS 77 DEG. C AND ALWAYS GREATER THAN 47 DEG. C.

WATER ANALYSIS

DATE/ANALYST..... WILSON, N. E.
 TOTAL DISSOLVED SOLIDS... 966.

ANALYSIS IN PPM

AL.... 1.3	CR.....	MG... 5.9		
AU....	CU.....	MO... 133.		
B....	F.....	NA... 131.		
BA....	FE+3... 6.4	NA+K.	S04.. 475.	
CA.... 100.	HCO3... 21.			
CL.... 19.				
CO....	K..... 53.			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... AG 2.92 MG/SOLN., AU .298 MG/SOLN., CO2 15 PPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... REID, 1905, P. 189.

RECORD 00994

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074221

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 28N 23E 26 LAT/LONG... 40-15.9 N 119-22.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4459658.
 GEOLOGIC PROVINCE.. EASTING... 298325.

MAP REFERENCE..... LOVELOCK 1:250000, KUMVIA PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 86.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOSE, R. K., TAYLOR, B. E., 1974, GEOTHERMAL SYSTEMS OF NORTHERN NEVADA: U. S. GEOL. SURVEY
 OPEN-FILE REPORT 74-271

RECORD 00995

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074479

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 19N 020E 17 NW OF NW LAT/LONG... 39-31.1 N 119-46.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4377750.
 GEOLOGIC PROVINCE.. EASTING... 262020.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/08/04

TEMPERATURE (C)..... 24.

WELL DEPTH (M)..... 312.

OTHER SAMPLE INFORMATION.. SAMPLE COLLECTED WITH SCREEN SET AT 230 TO 233 METERS BELOW SURFACE. PACKER AT 227 METERS.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 796.
 TOTAL DISSOLVED SOLIDS... 551.

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	6.3	
BA.....	FE+3.....		NA+K.	157.	504.. 204.
BE.....	FE(TOT).	0.3			
CA..... 15.	HCO3.....	200.			
CL..... 21.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-19
 REFERENCE..... COHEN, P. AND LOELTZ, O. J., 1964

RECORD 00996

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074481

NAME OF SAMPLE SOURCE... AL KOENIG WELL

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	19N 019E 22 SW OF SW	LAT/LONG... 39-29.5 N 119-50.5 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	WASHOE		NORTHING... 4374986.
GEOLOGIC PROVINCE..			EASTING.... 255621.
MAP REFERENCE.....	RENO 1:250000, MT. ROSE N.E. 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/10/31
 TEMPERATURE (C)..... 34.
 WELL DEPTH (M)..... 140.
 OTHER SAMPLE INFORMATION.. CHIEF AQUIFER BETWEEN 100 AND 107 METERS.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-5
 REFERENCE..... NEVADA DIVISION OF WATER RESOURCES, UNPUB. WELL DRILLING REPORT

RECORD 00997

GEOHERM SAMPLE FILE GEOHERM FILE ID: 0000959

NAME OF SAMPLE SOURCE... BAILEY CANYON

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	17N 20E 17.80 OF NE	LAT/LONG... 36-20. N 119-45. W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	WASHOE		NORTHING... 4024231.
GEOLOGIC PROVINCE..			EASTING.... 253162.
MAP REFERENCE.....	WASHOE CITY 1:24000, RENO 1:250000		
OTHER LOCALITY INFORMATION: VIRGINIA RANGE, NEV.			

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1958/01/27 COHEN, P.

WATER ANALYSIS
 DATE/ANALYST..... 1958/05/19 SCHUCH, J. P.
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 764.
 ALKALINITY..... 360. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 543.

ISOTOPES (0/00)

<u>ANALYSIS IN PPM</u>					
AG.....		CO3..... N	LI... N		
AL..... 0.09		CR.....	MG... 26.		
AS.....		CS.....	MN... N		
AU.....		CU..... N	MO... 35.	SI02.	
B..... 0.03		F..... N	NA... 31.	S04..	191.
BA.....		FE+3.....	NA+K.		
BE.....		FE(TOT). 0.02	NH4.. L 1.		
BI.....		GA.....			
BR..... 0.3		HC03.... 286.	N03.. 0.3		
CA..... 101.		HG.....	PB... N		
CA+MG.		H2S.....	PO4.. 0.12		
CD.....		I..... 0.2	RB... N		
CL..... 6.4		K..... 2.6			
CO.....					

REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00998

GEO THERM FILE ID: 0000958

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BAILEY CREEK
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... WASHOE
 OTHER LOCALITY INFORMATION: VIRGINIA RANGE, NEV.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/11/19 WHITE, DON E.
 DISCHARGE..... 3.8 L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1954/08/05 SCOTT AND BRANNOCK
 PH..... 3.1

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	LI...	0.4		
AL....	213.	CR.....	MG...	164.		
AU....		CU.....	MO...		SI02.	95.
B.....		F.....	NA...	119.		
BA....		FE+3....	NA+K.		S04..	2260.
BE....		FE(TOT)..		14.		
CA....	339.					
CL....	22.					
CO....		K.....		5.0		

OTHER ANALYTICAL DATA... B203 0.3

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 00999

GEO THERM FILE ID: 0000808

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... BOWER'S HOT SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 16N 019E 03 NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/00/00 BARNES GROUP
 TEMPERATURE (C)..... 47.
 WATER TREATMENT..... PRESSURE - FILTERED THROUGH A .45 MICROMETRE MEMBRANE, PORTION ACIDIFIED, DILUTED.

WATER ANALYSIS

DATE/ANALYST..... 1973/00/00 BARNES GROUP

ISOTOPES (0/00)

ANALYSIS IN MG/L

AG....		CO3.....	LI...	SB...	DEL D OF WATER.....	-102.3
AL....	0.020	CR.....	MG...	SC...	DEL O(18) OF WATER...	-14.79
AS....		CS.....	L 0.1			
AU....		CU.....	L 0.01			
BE....		FE(TOT)..	L 0.02			
CA+MG.		HG.....	0.0002			

CL.... I..... RB... L 0.02

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
 OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 01000

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000956

NAME OF SAMPLE SOURCE... BOWERS HOT SPRING
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 16N 19E 03 NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WASHOE CITY 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-17.2 N 119-50.3 W
 UTM ZONE... +11
 NORTHING... 4352222.
 EASTING.... 255192.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/04/04
 TEMPERATURE (C)..... 46.5
 DISCHARGE..... 151. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1958/02/03 WHITEHEAD, H. C.
 PH..... 9.1
 SPECIFIC CONDUCTANCE..... 270.
 ALKALINITY..... 11. AS CAC03

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... C03..... 20.
 AL..... CR..... MG... 0.7
 CA..... 3.2 HCO3..... 52.
 CL..... 6.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01001

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000951

NAME OF SAMPLE SOURCE... BOWERS HOT SPRINGS
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE.....

COORDINATES

LAT/LONG... 39-17. N 119-50. W
 UTM ZONE... +11
 NORTHING... 4351838.
 EASTING.... 255612.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... WHITE, DON E.
 TEMPERATURE (C)..... Q
 OTHER SAMPLE INFORMATION.. WATER TEMP. WARM

WATER ANALYSIS

DATE/ANALYST..... 1956/03/30 SCOTT, P. W.
 PH..... 9.1

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... C03..... LI... 0.2
 B..... 0.1 F..... NA... 57.
 CL..... 8.

CO..... K..... 0.7
 QUALIFICATION FIELD..... TEMPERATURE REPORTED AS "WARM".

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01002

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000954

NAME OF SAMPLE SOURCE... BOWERS MANSION
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16N 019E 03 NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WASHOE CITY 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-17. N 119-50. W
 UTM ZONE... +11
 NORTHING... 4351838.
 EASTING.... 255612.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 48.0

WATER ANALYSIS

DATE/ANALYST..... NEVADA GEOLOGICAL SURVEY
 TOTAL DISSOLVED SOLIDS... 224.

ANALYSIS IN PPM

AL.....	CR.....	MG...	2.7		
AU.....	CU.....	MO...		SI02.	44.
B.....	F.....	NA...	38.		
BA.....	FE+3....	NA+K.		S04..	38.
RE.....	FE(TOT). T				
CA.... 6.7	HC03....		81.		
CL.... 7.8					
CO.....	K.....		5.7		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FITCH, 1927

RECORD 01003

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074410

NAME OF SAMPLE SOURCE... BOWERS MANSION (FRANKTOWN) HOT SPRING
 WARING NUMBER..... 57
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16N 19E 03 NE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000

COORDINATES

LAT/LONG... 39-17.0 N 119-50.4 W
 UTM ZONE... +11
 NORTHING... 4351856.
 EASTING.... 255037.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/04/12
 TEMPERATURE (C)..... 53.3
 DISCHARGE..... 288. L/MIN

WATER ANALYSIS

PH..... 8.7
 SPECIFIC CONDUCTANCE..... 236.

ANALYSIS IN PPM

AG..... CO3..... 4.

ISOTOPES (0/00)

AL.... CR..... MG... 0.4
 BA.... FE+3.... NA+K. 49. S04.. 33.
 CA.... 2.7 HCO3.... 78.
 CL.... 6.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... RUSH, F. E. (1967) WATER RESOURCES APPRAISAL OF WASHOE VALLEY, WASHOE COUNTY, NEVADA: NEV.
 DEPT. CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES-RECONN. SERVICE REPORT 41

RECORD 01004

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074411

NAME OF SAMPLE SOURCE... BOWERS MANSION (FRA KTOWN) HOT SPRING - MAIN SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	16N 19E 03 NW	LAT/LONG... 39-17.0 N 119-50.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4351847.
GEOLOGIC PROVINCE..		EASTING.... 255324.
MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000		
OTHER LOCALITY INFORMATION: WASHOE VALLEY		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/03/08 WHITE, DON E.
 TEMPERATURE (C)..... 47.2
 DISCHARGE..... 170.

WATER ANALYSIS

DATE/ANALYST..... 1949/08/08 BRANNOCK, W. W.
 PH..... 9.3
 SPECIFIC CONDUCTANCE..... 242.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3....	26.	LI....	0.08		
AL....	CR.....		MG....	1.0		
AU....	CU.....		MO....		SI02.	44.
B.... 0.2	F.....		NA....	49.	S04..	35.
BA....	FE+3....		NA+K.			
CA.... 2.8	HCO3....	34.				
CL.... 5.4						
CO....	K.....	0.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., HEM, J. D., WARING, G. A. (1963) DATA OF GEOCHEMISTRY, SIXTH ED.: USGS PROF. PAPER
 440-F

RECORD 01005

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074413

NAME OF SAMPLE SOURCE... BOWERS MANSION (FRA KTOWN) HOT SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	16N 19E 03 NE OF NW	LAT/LONG... 39-17.0 N 119-50.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4351847.
GEOLOGIC PROVINCE..		EASTING.... 255324.
MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000		

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.2

DISCHARGE..... 284. L/MIN
 OTHER SAMPLE INFORMATION.. DISCHARGE GIVEN AS 50-75 GPM.

WATER ANALYSIS

PH..... 9.4
 SPECIFIC CONDUCTANCE..... 240.

ANALYSIS IN PPM

CL..... 6.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D.E.(1968) HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: USGS PROF. PAPER-C

RECORD 01006

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074055

NAME OF SAMPLE SOURCE... BOWERS MANSION(FRANKTOWN) HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 19E 03
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-17.0 N 119-50.2 W
 UTM ZONE... +11
 NORTHING... 4351847.
 EASTING... 255324.

MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.2

WATER ANALYSIS

PH..... 9.2
 TOTAL DISSOLVED SOLIDS... 212.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... 15.
 AL..... CR..... MG... N
 AS..... 0.005
 B..... F..... 3.5
 BA..... FE+3..... NA+K. 58. S04.. 32.
 BE..... FE(TOT). 0.02
 CA..... 3. HCO3..... 34. NO3.. 0.5
 CL..... 15.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUR. MINES AND GEOLOGY, WASHOE COUNTY NO. 255 - UNPUBLISHED DATA, WASHOE COUNTY PARK SYSTEM

RECORD 01007

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000952

NAME OF SAMPLE SOURCE... BOWERS SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 16N 019E 03 NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-17. N 119.50. W
 UTM ZONE... +11
 NORTHING... 4351838.
 EASTING... 255612.

MAP REFERENCE..... WASHOE CITY 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/03/08 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1955/01/15 KRAMER, HENRY
 SPECIFIC CONDUCTANCE..... 300.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....		CO3.....		LI...	0.083		
B.....	0.72	F.....		NA...	57.		
BA.....		FE+3.....		NA+K.		S04..	67.
CA.....		HCO3.....		NO3..	1.0		
CL.....	6.5						
CO.....		K.....	1.1				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON E. WHITE, USGS, MENLO PARK

RECORD 01008

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074543

NAME OF SAMPLE SOURCE... CHRISTMAN WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18N 019E	12 NW OF SE	LAT/LONG...	39-26.3	N	119-47.7	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	WASHOE			NORTHING...	4368941.			
GEOLOGIC PROVINCE..				EASTING....	259452.			

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 115.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 256.

ANALYSIS IN PPMISOTOPES (0/00)

CL.... 8.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-29
 REFERENCE..... WHITE, D. E., 1968

RECORD 01009

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074570

NAME OF SAMPLE SOURCE... COTTENWOOD SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	34N 023E	02 SW OF SW	LAT/LONG...	40-51.25	N	119-20.7	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	WASHOE			NORTHING...	4525004.			
GEOLOGIC PROVINCE..				EASTING....	302334.			

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... Q 23.
 DISCHARGE..... 12.

QUALIFICATION FIELD..... TEMPERATURE LISTED IS MINIMUM - RANGES FROM 23-26 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NK-11-10-8
REFERENCE..... NBMG FILES: WASHOE CO. #NK-11-10-8

RECORD 01010

GEO THERM FILE ID: 0000950

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DA MONTE

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 16
STATE..... NEVADA
COUNTY..... WASHOE
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
LAT/LONG... 39-25.0 N 119-44.0 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/01/05 WHITE, DON E.
TEMPERATURE (C)..... 53.0

WATER ANALYSIS

DATE/ANALYST..... 1950/04/26 BRANNOCK, W. W.
PH..... 6.8
SPECIFIC CONDUCTANCE..... 2425.
TOTAL DISSOLVED SOLIDS... 1593.

ANALYSIS IN PPM

AG....	CO3..... N	LI... 5.0	SB... 0.1
AL....	CR.....	MG... 9.3	
AS.... 1.0			
AU....	CU.....	MO... 447.	SI02. 172.
B.... 30.	F..... 1.4	NA... 447.	S04.. 78.
BA....	FE+3....	NA+K.	
CA.... 29.	HCO3.... 366.		
CD....	H2S..... N		
CL.... 560.			
CO....	K..... 42.		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01011

GEO THERM FILE ID: 0074550

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... DAVIDSON WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 14 SW OF NW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 39-25.7 N 119-42.7 W
UTM ZONE... +11
NORTHING... 4367611.
EASTING.... 266591.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.
WELL DEPTH (M)..... 18.

WATER ANALYSIS

PH..... 7.4
SPECIFIC CONDUCTANCE..... 2325.

ANALYSIS IN PPM

CL.... 509.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-35
 REFERENCE..... WHITE, D. E., 1968

RECORD 01012

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074542

NAME OF SAMPLE SOURCE... DOUBLE DIAMOND SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 020E 09 SE OF NW LAT/LONG... 39-26.5 N 119-44.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4369178.
 GEOLOGIC PROVINCE.. EASTING.... 263767.
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.
 DISCHARGE..... 20.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1500.

ANALYSIS IN PPM

CL..... 250.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-28
 REFERENCE..... WHITE, D. E., 1968

RECORD 01013

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074545

NAME OF SAMPLE SOURCE... DOUBLE DIAMOND WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 020E 09 SE OF NW LAT/LONG... 39-26.5 N 119-44.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4369178.
 GEOLOGIC PROVINCE.. EASTING.... 263767.
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.
 WELL DEPTH (M)..... 9.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1500.

ANALYSIS IN PPM

CL..... 310.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-30
 REFERENCE..... WHITE, D. E., 1968

RECORD 01014

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074469

NAME OF SAMPLE SOURCE... ERSKINE WELL

LOCATIONCOORDINATES

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-29.2 N 119-48.6 W
 UTM ZONE... +11
 NORTHING... 4374346.
 EASTING.... 258328.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 25.5

WELL DEPTH (M)..... 47.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-1-12

REFERENCE..... WHITE, D. E., 1968

RECORD 01015

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074477

NAME OF SAMPLE SOURCE... FIFE WELL

LOCATIONCOORDINATES

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
19N 020E 30 SW OF SW

LAT/LONG... 39-28.7 N 119-47.2 W
 UTM ZONE... +11
 NORTHING... 4373359.
 EASTING.... 260306.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.

WELL DEPTH (M)..... 122.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-1-24

REFERENCE..... WHITE, D. E., 1968

RECORD 01016

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074455

NAME OF SAMPLE SOURCE... FISH SPRING

WARNING NUMBER..... 48

LOCATIONCOORDINATES

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

TOWNSHIP-RANGE
26N 019E 19 SE OF SE

LAT/LONG... 40-06.05 N 119-53.1 W
 UTM ZONE... +11
 NORTHING... 4442729.
 EASTING.... 254076.

MAP REFERENCE..... LOVELOCK 1:250000, STATE LINE PEAK 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/07/27

TEMPERATURE (C)..... 23.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 328.

ANALYSIS IN PPM

AL..... CR..... MG... 3.0
 BA..... FE+3..... NA+K. 78.
 CA.... 3.0 HCO3.... 179.
 CL.... 18.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-16
 REFERENCE..... RUSH, F. E. AND GLANCY, P. A., 1967 AND WARING, G. A., 1919

RECORD 01017

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000625

NAME OF SAMPLE SOURCE... FLY RANCH (WARDS HOT SPRING) - WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 34N 23E 02
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LOVELOCK 1:250000
 LAT/LONG... 40-51.8 N 119-20.5 W
 UTM ZONE... +11
 NORTHING... 4526455.
 EASTING.... 302050.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 POINT OF COLLECTION.. NEAR ORIFICE OF WELL
 TEMPERATURE (C)..... 80.
 DISCHARGE..... 500. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 PERTINENT LITHOLOGY..... ROCK TYPES: ALLUVIUM, BASALTS, TUFFS, SANDSTONE.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1800.
 ALKALINITY..... 464. AS HCO3

ANALYSIS IN MG/L

AG.... CO3..... LI... 0.46 SB...
 AL.... 0.009 CR..... MG... 4.2 SC...
 AS.... L 0.01 CS..... 0.2 MN... L 0.02
 AU.... CU..... 0.03 MO...
 B.... 1.9 F..... 7.0 NA... 340.
 BA.... FE+3..... NA+K.
 BE.... FE(TOT). 0.13 NB...
 BI.... GA..... NH4... 0.77
 BR.... 0.9
 CA.... 31.
 CA+MG. HG..... L 0.0001
 CD.... H2S..... P04.. 0.12
 CL.... 240. I..... 0.01 RB... 0.1
 CO.... K..... 17.

ISOTOPES (0/00)

DEL D OF WATER..... -120.7
 DEL O(18) OF WATER... -14.72

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA

MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS
OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 01018

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074492

NAME OF SAMPLE SOURCE... FRAZIER WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 34 SE OF SW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

COORDINATES
LAT/LONG... 39-22.6 N 119-43.5 W
UTM ZONE... +11
NORTHING... 4361911.
EASTING... 265270.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 48.

WATER ANALYSIS

PH..... 8.0
SPECIFIC CONDUCTANCE..... 367.

ANALYSIS IN PPM

CL.... 8.4

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-58
REFERENCE..... WHITE, D. E., 1968

RECORD 01019

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002188

NAME OF SAMPLE SOURCE... G. K. JOHNSON WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 34 SW OF NE
STATE..... NEVADA
COUNTY..... WASHOE
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
LAT/LONG... 39-23.0 N 119-43.4 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/01/27 COHEN, P.
POINT OF COLLECTION.. TOP OF PUMPHOUSE
TEMPERATURE (C)..... Q
OTHER SAMPLE INFORMATION.. SEVERAL SAMPLES IN SOLUTION WHEN ANALYZED.

WATER ANALYSIS

DATE/ANALYST..... 1958/01/03 SCHUCH, J. P.
PH..... 7.1

SPECIFIC CONDUCTANCE..... 930.

ALKALINITY..... 448. AS CaCO3

TOTAL DISSOLVED SOLIDS... 742.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....	0.15	CR.....	MG...	36.	
AS....	N	CS.....	MN...	0.02	
AU....		CU..... N	MO...		SI02. 41.
B....	0.02	F..... 0.2	NA...	37.	
BA....		FE+3....	NA+K.		S04.. 375.
BE....		FE(TOT). N			

ISOTOPES (0/00)

BI..... NH4.. N
 RR..... N
 CA..... 120. HC03..... 162. NO3.. 3.9
 CA+MG. HG..... PB... N
 CD..... H2S..... PO4.. 0.35
 CL..... 7.0 I..... 0.05 RB... ZN... 2.5
 CO..... K..... 2.1

OTHER ANALYTICAL DATA... NO2 .01 PPM
 QUALIFICATION FIELD..... TEMPERATURE RECORDED AS 60 DEG.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01020

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002653

NAME OF SAMPLE SOURCE... GALENA CREEK

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 20E 07 SW OF SW
 STATE..... NEVADA
 COUNTY..... WASHOE
 MAP REFERENCE..... WASHOE CITY 1:24000, RENO 1:250000
 OTHER LOCALITY INFORMATION: WEST SIDE OF PLEASANT VALLEY

COORDINATES
 LAT/LONG... 39-21. N 119-47. W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/01/27 COHEN, P.
 TEMPERATURE (C)..... Q 3.
 QUALIFICATION FIELD..... TEMPERATURE RECORDED AS 37 DEG, ASSUMED DEG F.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01021

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074377

NAME OF SAMPLE SOURCE... GERLACH AREA - GERLACH HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 32N 23E 15 NW OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-39.6 N 119-21.8 W
 UTM ZONE... +11
 NORTHING... 4503489.
 EASTING... 300208.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/19
 TEMPERATURE (C)..... 84.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 7830.
 TOTAL DISSOLVED SOLIDS... 4596.

ANALYSIS

AG.... L 0.02 CO3..... N LI... 3.5 SB... 0.3
 AL.... CR..... L 0.02 MG... 0.98
 AS.... 0.0038 CS..... 4.8 MN... 0.018 SE... L 0.001
 AU.... CU..... 0.01 MO... SI02. 170.

ISOTOPES (0/00)

B.....	F.....	5.5	NA...	1548.	SN...	L 0.05
BA.... L 0.04	FE+3....		NA+K.		S04..	385.
BE.... L 0.005	FE(TOT).	0.09	NB...		SR...	0.408
BI.... L 0.1	GA.....		NH4..	0.6		
BR....	GE.....		NI...	0.05		
CA.... 89.	HCO3....	91.	N03..	0.7		
CA+MG.	HG.....	0.0007	PB...	0.06		
CD.... 0.01	H2S.....		P04..	0.2		
CL.... 2238.	I.....		RB...	1.7	ZN...	0.135
CO....	K.....	113.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J. W., MILES, M. J., 1974, MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA UNIV., RENO, DESERT RESH. INST., CENTER FOR WATER RESOURCES RESEARCH, PROJ. REPT. 26

RECORD 01022

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074030

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRING (GERLACH HOT SPRINGS)

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	32N 23E 15 NW	LAT/LONG... 40-39.6 N 119-21.8 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4503489.
GEOLOGIC PROVINCE..		EASTING.... 300208.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 86.
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... TRACES OF CaCO3 AND SILICA APRON DEPOSITED
 OTHER SAMPLE INFORMATION.. BOILING, HIGH CHLORIDE. ALKALINITY REPORTED AS CARBONATE AND BICARBONATE.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.2
 SPECIFIC CONDUCTANCE.... 7610.
 ALKALINITY..... 84. AS HCO3

ANALYSIS IN MG/L

AG....	CO3.....	L 1.	LI...	1.6	SB...	
AL.... 0.011	CR.....		MG...	1.2	SC...	
AS.... 0.05	CS.....	0.3	MN...	0.03		
AU....	CU.....	0.08	MO...		SI02.	165.
B.... 9.9	F.....	4.5	NA...	1400.		
BA....	FE+3....		NA+K.		S04..	400.
BE....	FE(TOT).	0.02	NB...		SR...	2.6
BI....	GA.....		NH4..	1.0		
BR.... 6.						
CA.... 68.	HCO3....	83.				
CA+MG.	HG.....	L 0.0001				
CD....	H2S.....		P04..	0.31		
CL.... 2200.	I.....	0.4	RB...	0.94		
CO....	K.....	130.				

ISOTOPES (0/00)
 DEL D OF WATER..... -100.5
 DEL O(18) OF WATER... -10.83

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... MARINER, R. H., RAPP, PRESSER, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN & CENTRAL NEVADA. MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON. (1974-1975)

RECORD 01023

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074031

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS- SPRING G-24

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 32N 23E 10 SW OF SW LAT/LONG... 40-39.9 N 119-21.8 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4504044.
 MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500 EASTING.... 300223.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS SE/4, SW/4, SW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 93.3

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 7800.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	2.0		
AU....	CU.....	MO...		SI02.	172.
B.....	F.....	NA...	1590.		
BA....	FE+3....	NA+K.		S04..	360.
CA....	73. HCO3.....				
CL....	2880. 66.				
CO....	K.....				
					135.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER,G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS REPORT NO.4-FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975: COL. SCH. MINES REPT. NATL. SCI. FOUND. GRANT 43866

RECORD 01024

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074250

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING MS-9

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 32N 23E 16 NW OF SE LAT/LONG... 40-39.2 N 119-22.4 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4502772.
 MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500 EASTING.... 299343.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 84.4

WATER ANALYSIS

PH..... 7.0

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	2.4		
AU....	CU.....	MO...		SI02.	165.
B.....	F.....	NA...	1470.		

BA..... FE+3..... NA+K. S04.. 290.
 CA..... 73.
 CL..... 2130.
 CO..... K..... 143.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY
 PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975: COL. SCH. MNS REPT., NATL. SCI. FOUND.
 GRANT GI43866

RECORD 01025

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074251

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING MS-1

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	32N 23E 16 NE OF SE	LAT/LONG... 40-39.1 N 119-22.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4502579.
GEOLOGIC PROVINCE..		EASTING.... 299620.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 73.9

WATER ANALYSIS

PH..... 7.2

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3..... N		
AL.....	CR.....	MG... 2.5	
AU.....	CU.....	MO... SI02. 172.	
B.....	F.....	NA... 1540.	
CA..... 174.			
CL..... 2075.			
CO..... K..... 134.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY
 PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO 3CTOBER 31, 1975: COL SCH. MINES REPT., NATL. SCI. FOUND.
 GRANT GI 43866

RECORD 01026

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074252

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING MS-2

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	32N 23E 16 SE	LAT/LONG... 40-39.1 N 119-22.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4502579.
GEOLOGIC PROVINCE..		EASTING.... 299620.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0

WATER ANALYSIS

PH..... 8.2

ISOTOPES (0/00)ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	2.8		
AU....	CU.....	MO...		SI02.	172.
B.....	F.....	NA...	1530.		
CA.... 75.					
CL.... 2100.					
CO....	K..... 135.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY
 PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPT., NATL. SCI. FOUND.
 GRANT GI43866

RECORD 01027

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074255

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING G-22

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	32N 23E	10 SW OF SW	LAT/LONG...	40-39.9 N 119-21.8 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4504044.
GEOLOGIC PROVINCE..				EASTING....	300223.
MAP REFERENCE.....	LOVELOCK 1:250000, GERLACH 1:62500				

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 55.6

WATER ANALYSIS

PH..... 8.2

ISOTOPES (0/00)ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	2.5		
AU....	CU.....	MO...		SI02.	180.
B.....	F.....	NA...	1800.		
CA.... 75.	HCO3.... 88.				
CL.... 2400.					
CO....	K..... 128.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY
 PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPT., NATL. SCI. FOUND.
 GRANT GI43866

RECORD 01028

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074256

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING G-19

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	32N 23E	10 SW OF SW	LAT/LONG...	40-39.9 N 119-21.8 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4504044.
GEOLOGIC PROVINCE..				EASTING....	300223.
MAP REFERENCE.....	LOVELOCK 1:250000, GERLACH 1:62500				

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 97.8

WATER ANALYSIS

PH..... 7.4

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	1.0		
AU....	CU.....	MO...		SI02.	174.
B.....	F.....	NA...	1610.		
CA....	95.				
CL....	2100.				
CO....	K.....		140.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY

PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975: COL. SCH. MINES REPORT, NATL. SCI. FOUND.

GRANT GI43866

RECORD 01029

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074257

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING G-9

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	32N 23E	10 SW OF SW	LAT/LONG...	40-39.9 N 119-21.8 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4504044.
GEOLOGIC PROVINCE..				EASTING....	300223.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75.0

WATER ANALYSISANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	2.0		
AU....	CU.....	MO...		SI02.	178.
B.....	F.....	NA...	1560.		
CA....	73.	HCO3....	90.		
CL....	2100.				
CO....	K.....		110.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA GEOTHE-MAL STUDY

PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975: COL. SCH. MINES REPT. NATL. SCI. FOUND.

GRANT GI43866

RECORD 01030

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074258

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING G-3

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	32N 23E	10 SW OF SW	LAT/LONG...	40-39.9 N 119-21.9 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4504048.
GEOLOGIC PROVINCE..				EASTING....	300082.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 63.9

WATER ANALYSIS

PH..... 7.7

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	2.3	
AU....		CU.....	MO...		SI02. 186.
B.....		F.....	NA...	1800.	
CA....	80.	HCO3..... 83.			
CL....	2430.				
CO....		K..... 130.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY
 PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPORT NATL. SCI. FOUND.
 GRANT GI43866

RECORD 01031

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074276

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING G-23

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	32N 23E	10 SW OF SW	LAT/LONG...	40-39.9 N 119-21.8 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4504044.
GEOLOGIC PROVINCE..				EASTING....	300223.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: LOCATION GIVEN AS SE/4, SW/4, SW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 35.0

WATER ANALYSIS

PH..... 4.5
 SPECIFIC CONDUCTANCE..... 27600.

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG...	12.	
AU....		CU.....	MO...		SI02. 174.
B.....		F.....	NA...	1900.	
BA....		FE+3.....	NA+K.		S04.. 1350.
CA....	150.	HCO3..... 10.			
CL....	4950.				
CO....		K..... 270.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA FEOTHERMAL STUDY
 PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPT. NATL. SCI. FOUND.
 GRANT GI 43866

RECORD 01032

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074371

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - GERLACH HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 32N 23E 15 NW OF NW COORDINATES
 STATE..... NEVADA LAT/LONG... 40-39.6 N 119-21.8 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4503489.
 MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500 EASTING.... 300208.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 90.0
 OTHER SAMPLE INFORMATION.. TEMPERATURE GIVEN AS RANGE 188-194 DEG F.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
 U. S. GEOL. SURVEY PROF. PAPER 492

RECORD 01033

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0074372
 NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 32N 23E 15 NE COORDINATES
 STATE..... NEVADA LAT/LONG... 40-39.5 N 119-21.2 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4503282.
 MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500 EASTING.... 301049.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 62.8

WATER ANALYSIS

PH..... 7.6

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	1.0	
AU.....	CU.....		MO...		SI02. 182.
B.....	F.....		NA...	1380.	
BA.....	FE+3.....		NA+K.		S04.. 356.
CA..... 47.	HCO3.....	74.			
CL..... 1915.					
CO.....	K.....	130.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY
 PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO 3CTOBER 31, 1975; COL. SCH. MINES REPT., NATL. SCI. FOUND.
 GRANT GI43866

RECORD 01034

GEO THERM SAMPLE FILE GEO THERM FILE ID: 0074398
 NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING G-55

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 32N 23E 15 NW OF NW COORDINATES
 STATE..... NEVADA LAT/LONG... 40-39.6 N 119-21.8 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4503489.
 MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500 EASTING.... 300208.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.8

WATER ANALYSIS

PH..... 7.0

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	2.3		
AU.....	CU.....	MO...		SI02.	180.
B.....	F.....	NA...	1600.		
BA.....	FE+3.....	NA+K.		S04..	360.
CA..... 73.					
CL..... 2130.					
CO.....	K.....		140.		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V., 1975B, COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY
 PROGRESS REPORT NO. 4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH, MINES REPT., NATL. SCI. FOUND.
 GRANT. GI43866

RECORD 01035

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074425

NAME OF SAMPLE SOURCE... GERLACH AREA - GREAT BOILING SPRINGS - SPRING MS-13

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	32N 23E	16 NE OF SW	LAT/LONG...	40-39.1 N 119-22.5 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4502591.
GEOLOGIC PROVINCE..				EASTING....	299197.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 42.2

WATER ANALYSIS

PH..... 7.2

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	2.3		
AU.....	CU.....	MO...		SI02.	172.
B.....	F.....	NA...	1600.		
CA..... 50.					
CL..... 2400.					
CO.....	K.....		131.		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975

RECORD 01036

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074199

NAME OF SAMPLE SOURCE... GERLACH AREA - MUD SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	32N 23E	16 SE	LAT/LONG...	40-39.1 N 119-22.3 W
STATE.....	NEVADA			UTM ZONE...	+11

COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

NORTHING... 4502583.
EASTING.... 299479.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/10/14
TEMPERATURE (C)..... 67.2
OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, WARING, 1965, NO 39

WATER ANALYSIS

PH..... 7.9
SPECIFIC CONDUCTANCE..... 6800.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... CO3..... N
AL.... CR..... MG... 8.1
BA.... FE+3..... NA+K. 1510. S04.. 400.
CA.... 66. HCO3..... 126.
CL.... 2100.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... GLANCY, P. A., RUSH, F. E., 1968, GROUND-WATER APPRAISAL SMOKE CREEK SAN EMIDIO DESERT
AREA: NEV. DEPT. CONSER. NAT. RESOURCES - RECONNAISSANCE SERVICE REPORT 44

RECORD 01037

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074220

NAME OF SAMPLE SOURCE... GERLACH AREA - MUD SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 19N 19E 26 SE OF NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,
LAT/LONG... 39-29.1 N 119-48.9 W
UTM ZONE... +11
NORTHING... 4374174.
EASTING.... 257892.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
WELL DEPTH (M)..... 91.

WATER ANALYSIS

ISOTOPES (0/00)

ANALYSIS

BA.... FE+3..... NA+K. 510.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01038

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074032

NAME OF SAMPLE SOURCE... GERLACH AREA- GERLACH HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 23E 15 NW OF NW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
LAT/LONG... 40-39.6 N 119-21.8 W
UTM ZONE... +11
NORTHING... 4503489.
EASTING.... 300208.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/08/06
 TEMPERATURE (C)..... 95.0
 DISCHARGE..... 50. L/MIN

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 6850.
 ANALYSIS IN PPM
 CL.... 2136.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D.E. (1955B) VIOLENT MUD-VOLCANO ERUPTION OF LAKE CITY HOT SPRINGS, NORTHEASTERN CALIFORNIA: GEOL. SOC. AM. BULL., V.66,NO.9, P.1109 - 1130

RECORD 01039

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074028

NAME OF SAMPLE SOURCE... GERLACH AREA-GREAT BOILING SPRINGS- SPRING G-18

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 23E 10 SW OF SW LAT/LONG... 40-39.9 N 119-21.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4504044.
 GEOLOGIC PROVINCE.. EASTING.... 300223.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES. LOCATION GIVEN AS SE/4, SW/4, SW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 57.8

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 7600.
 ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
 AL.... CR..... MG... 2.5
 AU.... CU..... MO... SI02. 186.
 B.... F..... NA... 1560.
 CA.... 73. HC03.... 84.
 CL.... 2230.
 CO.... K..... 135.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V.(1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS REPORT NO. 4- FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31,1975: COL. SCH. MINES REPT, NATL. SCI. FOUND. GRANT GI 43866

RECORD 01040

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074029

NAME OF SAMPLE SOURCE... GERLACH AREA-GREAT BOILING SPRINGS- SPRING G-28

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 23E 10 SW OF SW LAT/LONG... 40-39.9 N 119-21.8 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4504044.
 GEOLOGIC PROVINCE.. EASTING.... 300223.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, LOCATION GIVEN AS SE/4, SW/4, SW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 95.6

WATER ANALYSIS

PH..... 7.1
SPECIFIC CONDUCTANCE..... 7620.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	2.4	
AU.....	CU.....		MO...		SI02. 172.
B.....	F.....		NA...	1560.	
BA.....	FE+3.....		NA+K.		S04.. 410.
CA.....	68. HCO3.....	156.			
CL.....	2180.				
CO.....	K.....	134.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
REPORT NO.4-FOR PERIOD FEBRUARY 1,1975 TO OCTOBER 31,1975: COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT GI 43866

RECORD 01041

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074200

NAME OF SAMPLE SOURCE... GERLACH AREA-GREAT BOILING SPRINGS, HUGHES WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	32N 23E	15 SE	LAT/LONG...	40-39.1 N 119-21.2 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4502541.
GEOLOGIC PROVINCE..				EASTING....	301029.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/08/06
TEMPERATURE (C)..... 61.1
DISCHARGE..... 15. L/MIN
OTHER SAMPLE INFORMATION.. FLOWING (1947).

WATER ANALYSIS

PH..... 7.3
SPECIFIC CONDUCTANCE..... 6600.

ISOTOPES (0/00)

ANALYSIS IN PPM

CL..... 1996.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WHITE, D.E. (1955B) VIOLENT MUD-VOLCANO ERRUPTION OF LAKE CITY HOT SPRINGS, NORTHEASTERN CALIFORNIA: GEOL. SOC. AM. BULL., V. 66, NO. 9, P. 1109-1130.

RECORD 01042

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074201

NAME OF SAMPLE SOURCE... GERLACH AREA-GREAT BOILING SPRINGS- SPRING G-46

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	32N 23E	15 NW OF NW	LAT/LONG...	40-39.6 N 119-21.8 W
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STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,
 UTM ZONE... +11
 NORTHING... 4503489.
 EASTING.... 300208.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 83.9

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 7600.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	2.3		
AU....	CU.....	MO...		SI02.	172.
B.....	F.....	NA...	1360.		
BA....	FE+3....	NA+K.		S04..	400.
CA....	96. HCO3....				
					83.
CL....	2350.				
CO....	K.....				136.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY
 PROGRESS REPORT NO. 4-FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPT. NATL. SCI. FOUND.
 GRANT GI 43866

RECORD 01043

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074355

NAME OF SAMPLE SOURCE... GERLACH AREA-GREAT BOILING SPRINGS- SPRING G-27

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	32N 23E	10 SW OF SW	LAT/LONG...	40-39.9 N 119-21.8 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4504044.
GEOLOGIC PROVINCE..				EASTING....	300223.
MAP REFERENCE.....	LOVELOCK 1:250000, GERLACH 1:62500				
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES,				

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 62.8

WATER ANALYSIS

PH..... 7.8

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	2.2		
AU....	CU.....	MO...		SI02.	176.
B.....	F.....	NA...	1590.		
CA....	75. HCO3....				
					82.
CL....	2180.				
CO....	K.....				148.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T., KELLER, G. V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
 REPORT NO.4-FOR PERIOD FEBRUARY 1,1975 TO OCTOBER 31,1975; COL. SCH. MINES REPT. NATL. SCI. FOUND. GRANT GI 43866

RECORD 01044

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074358

NAME OF SAMPLE SOURCE... GERLACH AREA-GREAT BOILING SPRINGS- SPRING G-43

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	32N 23E 15 NW OF NW	LAT/LONG... 40-39.6 N 119-21.8 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4503489.
GEOLOGIC PROVINCE..		EASTING... 300208.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 45.6

WATER ANALYSIS

PH..... 6.8

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N			
AL....	CR.....	MG...	2.3	
AU....	CU.....	MO...		SI02. 172.
B.....	F.....	NA...	1760.	
BA....	FE+3....	NA+K.		S04.. 356.
CA.... 69.				
CL.... 2230.				
CO....	K..... 130.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
 REPORT NO.4-FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975: COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT GI
 43866

RECORD 01045

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074360

NAME OF SAMPLE SOURCE... GERLACH AREA-GREAT BOILING SPRINGS, SPRING G-37

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	32N 23E 15 NW OF NW	LAT/LONG... 40-39.6 N 119-21.8 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4503489.
GEOLOGIC PROVINCE..		EASTING... 300208.

MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0

WATER ANALYSIS

PH..... 7.8

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N			
AL....	CR.....	MG...	2.2	
AU....	CU.....	MO...		SI02. 192.
B.....	F.....	NA...	1420.	
CA.... 70.				
CL.... 2340.				
CO....	K..... 133.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE,L.T., KELLER,G.V. (1975) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
 REPORT NO.4-FOR PERIOD FEBRUARY 1,1975 TO OCTOBER 31, 1975: COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT GI
 43866

RECORD 01046

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074368

NAME OF SAMPLE SOURCE... GERLACH AREA-GREAT BOILING SPRINGS

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 32N 23E 10 NE LAT/LONG... 40-40.3 N 119-21.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4504762.
 GEOLOGIC PROVINCE... EASTING.... 301088.
 MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 97.2

WATER ANALYSIS

PH..... 7.7

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	2.2		
AU....	CU.....	MO...		SI02.	184.
B.....	F.....	NA...	1440.		
BA....	FE+3....	NA+K.		S04..	386.
CA....	73. HCO3....		84.		
CL....	2150.				
CO....	K.....		121.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE,L.T., KELLER,G.V. (1975) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
 REPORT NO.(4)FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31,1975: COL. SCH. OF MINES REPORT, NATL. SCI. FOUND. GRANT GI
 43866

RECORD 01047

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002183

NAME OF SAMPLE SOURCE... GREAT BOILING SPRING

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 32N 023E 10 SW LAT/LONG... 40-38.8 N 119-21.8 W
 STATE..... NEVADA
 COUNTY..... WASHOE
 MAP REFERENCE..... GERLACH 1:62500, LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: 1 MILE NE OF GERLACH

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/31 HEWETT, D. F.

TEMPERATURE (C)..... 91.

WATER ANALYSIS

DATE/ANALYST..... 1954/08/27 KRAMER, HENRY

PH..... 7.3

SPECIFIC CONDUCTANCE..... 7450.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3.....	LI...	1.5		
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AL....		CR.....		MG...	18.		
AU....		CU.....		MO...		SI02.	168.
B.....	0.27	F.....	4.5	NA...	1460.		
BA....		FE+3....		NA+K.		S04..	376.
CA....	51.	HC03....	97.	NO3..	N		
CL....	2110.						
CO....		K.....	120.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01048

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002184

NAME OF SAMPLE SOURCE... GREAT BOILING SPRINGS (GERLACH HOT SPRINGS)

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	32N 023E 10 SW	LAT/LONG... 40-38.8 N 119-21.8 W
STATE.....	NEVADA		
COUNTY.....	WASHOE		
MAP REFERENCE.....	GERLACH 1:62500, LOVELOCK 1:250000		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/31 HEWETT, D. F.
 TEMPERATURE (C)..... 91.

WATER ANALYSIS

DATE/ANALYST..... 1954/09/10 BRENNAN, R.
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 7270.
 ALKALINITY..... 185. AS CAC03
 TOTAL DISSOLVED SOLIDS... 4370.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	N	LI...	1.9		
AL....		CR.....		MG...	0.7		
AU....		CU.....		MO...		SI02.	172.
B.....	0.1	F.....	4.0	NA...	1460.		
BA....		FE+3....		NA+K.		S04..	380.
CA....	73.	HC03....	91.	NO3..	0.4		
CL....	2180.						
CO....		K.....	124.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.
 YOUNG, GEO. J., PROF. PAPER 62, P. 19 BUREAU OF SOILS: U.S. DEPT. OF AGRICULTURE, 1914

RECORD 01049

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000974

NAME OF SAMPLE SOURCE... GS-5-3

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	18N 020E 33	LAT/LONG... 39-23. N 119-44. W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	WASHOE		NORTHING... 4362673.
GEOLOGIC PROVINCE..			EASTING... 264575.
MAP REFERENCE.....	STEAMBOAT 1:24000, RENO 1:250000		

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/04 WHITE, DON E.
 TEMPERATURE (C)..... 97.5

WATER ANALYSIS

DATE/ANALYST..... 1956/03/30 SCOTT, P. W.

ANALYSIS IN PPM

CONDENSATE ANALYSIS

DATE/ANALYST.....

PH..... 4.4

ANALYSIS IN PPM

B.... 0.15

CL... 2.5

CO3..

NH4.. 1.4

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF D. E. WHITE, USGS, MENLO PARK

RECORD 01050

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HALL WELL

LOCATION

COUNTRY..... UNITED STATES

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

TOWNSHIP-RANGE

18N 020E 20 NW OF NE

COORDINATES

LAT/LONG... 39-25.0 N 119-45.5 W

UTM ZONE... +11

NORTHING... 4366438.

EASTING.... 262534.

GEOHERM FILE ID: 0074556

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.

WELL DEPTH (M)..... 22.

WATER ANALYSIS

PH..... 8.0

SPECIFIC CONDUCTANCE..... 308.

ANALYSIS IN PPM

CL.... 12.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-1-42

REFERENCE..... WHITE, D. E., 1968

RECORD 01051

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... HAROLD HERZ WELL NO. 3

LOCATION

COUNTRY..... UNITED STATES

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

TOWNSHIP-RANGE

18N 020E 28 NW OF NW

COORDINATES

LAT/LONG... 39-24.2 N 119-44.9 W

UTM ZONE... +11

NORTHING... 4364932.

EASTING.... 263350.

GEOHERM FILE ID: 0074485

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.

WELL DEPTH (M)..... 7.1

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-49
 REFERENCE..... WHITE, D. E., 1968

RECORD 01052

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074558

NAME OF SAMPLE SOURCE... HERZ WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18N 020E 20 SE OF SE	LAT/LONG...	39-24.3 N 119-45.3 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4365135.
GEOLOGIC PROVINCE..			EASTING....	262782.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 20.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 282.

ANALYSIS IN PPM

CL..... 6.0

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-43
 REFERENCE..... WHITE, D. E., 1968

RECORD 01053

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074670

NAME OF SAMPLE SOURCE... HILL'S WARM SPRING

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	44N 020E 18 SW	LAT/LONG...	41-43.8 N 119-51.9 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4623553.
GEOLOGIC PROVINCE..			EASTING....	261709.

MAP REFERENCE..... VYA 1:250000, ALKALI LAKE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-7-2
 REFERENCE..... SINCLAIR, W. C., 1963B

RECORD 01054

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074671

NAME OF SAMPLE SOURCE... HILL'S WARM SPRING

WARNING NUMBER..... 35A

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 44N 020E 18 LAT/LONG... 41-43.8 N 119-47.2 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... WASHOE NORTHING... 4623339.
GEOLOGIC PROVINCE.. EASTING.... 268225.

MAP REFERENCE..... VYA 1:250000, ALKALI LAKE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.
DISCHARGE..... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NK-11-7-2
REFERENCE..... WARING, G. A., 1965

RECORD 01055

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074733

NAME OF SAMPLE SOURCE... HILL'S WARM SPRING

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 44N 020E 18 NE OF SE SW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... VYA 1:250000, ALKALI LAKE 1:24000

COORDINATES

LAT/LONG... 41-43.8 N 119-47.2 W
UTM ZONE... +11
NORTHING... 4623339.
EASTING.... 268225.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/08/08
TEMPERATURE (C)..... 28.
OTHER SAMPLE INFORMATION.. SPRING IS A RECENTLY BULLDOZED CATTLE TANK.

WATER ANALYSIS

PH..... 8.9
SPECIFIC CONDUCTANCE..... 313.

ANALYSIS IN PPM

AL.....	CR.....	MG...	0.34		
AU.....	CU.....	MO...		SI02.	41.
B.....	F.....	NA...	58.		
BA.....	FE+3.....	NA+K.		S04..	23.
CA..... 5.8	HCO3..... Q 106.				
CL..... 23.					
CO.....	K..... 3.9				

ISOTOPES (0/00)

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NK-11-7-2
REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 01056

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0001001

NAME OF SAMPLE SOURCE... HUFFAKER NARROWS

LOCATION TOWNSHIP-RANGE
COUNTRY..... UNITED STATES 19N 20E 33 NW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-28.5 N 119-44.7 W
UTM ZONE... +11
NORTHING... 4372878.
EASTING.... 263879.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 830.

ANALYSIS IN EPM

AG.....	CO3.....	0.64			
AL.....	CR.....		MG...	1.2	
B..... 6.3	F.....		NA...	5.0	
BA.....	FE+3.....		NA+K.		S04.. 1.2
CA..... 1.4	HCO3.....	3.9			
CL..... 2.8					
CO.....	K.....	0.41			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01057

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002187

NAME OF SAMPLE SOURCE... HUFFAKER NARROWS WARM SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 20E 03 SW OF NE LAT/LONG... 39-27.1 N 119-43.2 W

STATE..... NEVADA

COUNTY..... WASHOE

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/11/19 WHITE, D.
 TEMPERATURE (C)..... 26.7
 DISCHARGE..... 7.6 L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1954/08/05 SCOTT AND BRANNOCK
 PH..... 7.2

ANALYSIS IN PPM

AG.....	CO3.....	N	LI...	2.3	
AL.....	CR.....		MG...	20.	
AU.....	CU.....		MO...		SI02. 113.
B..... 22.	F.....		NA...	341.	
BA.....	FE+3.....		NA+K.		S04.. 156.
CA..... 62.	HCO3.....	269.			
CL..... 420.					
CO.....	K.....	30.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01058

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074490

NAME OF SAMPLE SOURCE... HUFFAKER SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 03 SW OF NE LAT/LONG... 39-30.5 N 119-43.3 W

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

UTM ZONE... +11

NORTHING... 4376518.

EASTING... 265999.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.
 DISCHARGE..... 5.

WATER ANALYSIS

PH..... 7.1

ANALYSIS IN PPM

CL..... 420.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-26
 REFERENCE..... WHITE, D. E., 1968

RECORD 01059

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074461

NAME OF SAMPLE SOURCE... ISBELL WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 020E 27 SW OF SW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-23.5 N 119-43.8 W
 UTM ZONE... +11
 NORTHING... 4363589.
 EASTING... 264890.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 41.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-46
 REFERENCE..... WHITE, D. E., 1968

RECORD 01060

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074454

NAME OF SAMPLE SOURCE... JACK BONHAM RANCH WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 28N 019E 12 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 40-18.9 N 119-47.6 W
 UTM ZONE... +11
 NORTHING... 4466255.
 EASTING... 262639.

MAP REFERENCE..... LOVELOCK AMS

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/09/13
 TEMPERATURE (C)..... 23.

OTHER SAMPLE INFORMATION.. RANCH NOW OWNED BY MR. DAVID BEYERS (07/78).

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 3490.

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR.....

MG... 2.3

ISOTOPES (0/00)

BA.... FE+3.... NA+K. 815. S04.. 528.
 CA.... 37. HC03.... 155.
 CL.... 849.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-15
 REFERENCE..... GLANCY, P. A., AND RUSH, F. E., 1968

RECORD 01061

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074463

NAME OF SAMPLE SOURCE... JACK HORGAN WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	19N 019E 22 SW OF SE	LAT/LONG...	39-29.5 N 119-50.0 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4374964.
GEOLOGIC PROVINCE..			EASTING....	256338.

MAP REFERENCE..... RENO 1:250000, MT. ROSE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/05/06
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 46.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-7
 REFERENCE..... NEVADA DIVISION OF WATER RESOURCES, UNPUB. WELL DRILLING REPORT

RECORD 01062

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074440

NAME OF SAMPLE SOURCE... JOHNSON WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 020E 34 SW OF NE	LAT/LONG...	39-23.05 N 119-43.25 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4362733.
GEOLOGIC PROVINCE..			EASTING....	265654.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 40.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1947.

ANALYSIS IN PPM

CL.... 12.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-56
 REFERENCE..... WHITE, D. E. 1968

RECORD 01063

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074450

NAME OF SAMPLE SOURCE... KNOX WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 020E 33 NE OF SE LAT/LONG... 39-22.8 N 119-44.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4362333.
 GEOLOGIC PROVINCE... EASTING.... 263558.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 17.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-55
 REFERENCE..... WHITE, D. E., 1968

RECORD 01064

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002189

NAME OF SAMPLE SOURCE... LAGOMARSINO CREEK.

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES LAT/LONG... 39-30. N 119-37.3 W
 STATE..... NEVADA
 COUNTY..... WASHOE
 MAP REFERENCE..... VISTA 1:24000, RENO 1:250000
 OTHER LOCALITY INFORMATION: VIRGINIA RANGE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/11/19 WHITE, DON E.
 TEMPERATURE (C)..... 0
 DISCHARGE..... 0.

WATER ANALYSIS

DATE/ANALYST..... 1954/08/05 SCOTT AND BRANNOCK
 PH..... 2.4
 SPECIFIC CONDUCTANCE..... 4480.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....		CO3.....	LI...	0.5		
AL.....	348.	CR.....	MG...	82.		
AU.....		CU.....	MO...		SI02.	62.
B.....	1.0	F.....	NA...	136.		
BA.....		FE+3.....	NA+K.		S04..	2670.
BE.....		FE(TOT). 419.				
CA.....	246.					
CL.....	28.					
CO.....		K.....		13.		

QUALIFICATION FIELD..... WATER TEMPERATURE "COLD".

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01065

GEOTHERM FILE ID: 0002190

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LAWTON HOT SPRINGS
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... NEVADA 18N 018E 13
COUNTY..... WASHOE
MAP REFERENCE..... VERDI 1:24000, RENO 1:250000
OTHER LOCALITY INFORMATION: NEAR RENO, NEVADA

COORDINATES
LAT/LONG... 39-30.7 N 119-54.2 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/15 FETH, J.
TEMPERATURE (C)..... 62.0

WATER ANALYSIS

DATE/ANALYST..... 1957/07/26 WHITEHEAD, C.
PH..... 8.8
SPECIFIC CONDUCTANCE..... 631.
ALKALINITY..... 18. AS CaCO3

ISOTOPES (0/00)

ANALYSIS IN PPM
AG.... CO3..... 17.
AL.... CR..... MG... N
AU.... CU..... MO... SI02. 40.
B.... F..... NA... 117.
BA.... FE+3..... NA+K. S04.. 142.
CA.... 7.2 HC03..... 19. NO3.. N
CL.... 6.0
CO.... K..... 0.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01066

GEOTHERM FILE ID: 0002191

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... LAWTON HOT SPRINGS
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE
STATE..... NEVADA 19N 018E 13
COUNTY..... WASHOE
MAP REFERENCE..... VERDI 1:24000, RENO 1:250000

COORDINATES
LAT/LONG... 39-30.7 N 119-54.2 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 50.0

WATER ANALYSIS

DATE/ANALYST..... NEVADA GEOLOGICAL SURVEY
TOTAL DISSOLVED SOLIDS... 441.

ISOTOPES (0/00)

ANALYSIS IN PPM
AL.... CR..... MG... 0.8
AU.... CU..... MO... SI02. 46.
B.... 2.0 F..... NA... 122.
BA.... FE+3..... NA+K. S04.. 137.
BE.... FE(TOT). 1.0
CA.... 6.8 HC03..... 52.
CL.... 68.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK,
 FITCH, 1927.

RECORD 01067

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074169

NAME OF SAMPLE SOURCE... LAWTON HOT SPRINGS
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 19N 18E 13 SW OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, VERDI 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

COORDINATES
 LAT/LONG... 39-30.9 N 119-54.1 W
 UTM ZONE... +11
 NORTHING... 4377741.
 EASTING.... 250544.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/02/11
 TEMPERATURE (C)..... 48.9

WATER ANALYSIS

PH..... 9.0
 SPECIFIC CONDUCTANCE..... 625.
 TOTAL DISSOLVED SOLIDS... 361.

ANALYSIS IN PPM

AG.....	CO3.....	20.	LI...	0.5		
AL..... 0.1	CR.....		MG...	0.1		
AS.....	CS.....		MN... N			
AU.....	CU.....		MO...		SI02.	46.
B..... 193.	F.....	2.5	NA...	117.	S04..	144.
BA.....	FE+3.....		NA+K.			
BE.....	FE(TOT). N					
CA..... 6.2	HCO3.....	12.	NO3.. N		U....	0.0001
CL..... 57.						
CO.....	K.....	5.4				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, LOELTZ, O. J., 1964, 1. S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1779-S, NEV.
 DEPT. CONSERVATION NATURALRESOURCES, WATER RESOURCES BULL. 28.(1964) EVALUATION OF HYDROGEOLOGY AND
 HYDROGEOCHEMISTRY OF TRUCKEE MEADOWS AREA, WASHOE COUNTY, NEVADA: USGS WATER SUPPLY PAPER 1779-S

RECORD 01068

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0074437

NAME OF SAMPLE SOURCE... LAWTON HOT SPRINGS
 WARING NUMBER..... 55
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 19N 18E 13
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, VERDI 1:24000

COORDINATES
 LAT/LONG... 39-30.9 N 119-54.1 W
 UTM ZONE... +11
 NORTHING... 4377741.
 EASTING.... 250544.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 48.9
 OTHER SAMPLE INFORMATION.. REPORTS A DISCHARGE OF 250 GPM.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 429.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3.....	18.			
AL....	CR.....		MG...	0.9	
AU....	CU.....		MO...		SI02. 46.
BA....	FE+3....		NA+K.	121.	S04.. 137.
CA.... 8.	HCO3....	16.			
CL.... 68.					

OTHER ANALYTICAL DATA... FE + AL = 2 PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... ADAMS, W.B. (1944) CHEMICAL ANALYSIS OF MUNICIPAL WATER SUPPLIES, BOTTLED MINERAL WATERS AND HOT SPRINGS, NEVADA; UNIV. OF NEV., RENO, DEPT. OF FOOD AND DRUGS, PUBLIC SERVICE DIVISION

RECORD 01069

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074438

NAME OF SAMPLE SOURCE... LAWTON HOT SPRINGS

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 19N 18E 13
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, VERDI 1:24000

COORDINATES

LAT/LONG... 39-30.9 N 119-54.1 W
 UTM ZONE... +11
 NORTHING... 4377741.
 EASTING... 250544.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/05/05
 TEMPERATURE (C)..... 60.0
 OTHER SAMPLE INFORMATION.. ARTESIAN WELL.

WATER ANALYSIS

PH..... 9.1
 TOTAL DISSOLVED SOLIDS... 400.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3.....	16.			
AS.... 0.1					
B.....	F.....	2.9			
BA....	FE+3....		NA+K.	130.	S04.. 165.
BE....	FE(TOT).	0.15			
CA.... 8.	HCO3....	61.	NO3..	0.4	
CL.... 57.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY WASHOE CO. #109

RECORD 01070

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074549

NAME OF SAMPLE SOURCE... LECROIX WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 18N 020E 14 NW OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

COORDINATES

LAT/LONG... 39-25.9 N 119-42.7 W
 UTM ZONE... +11
 NORTHING... 4367981.
 EASTING... 266602.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 31.
WELL DEPTH (M)..... 50.

WATER ANALYSIS

PH..... 6.6
SPECIFIC CONDUCTANCE..... 2680.

ANALYSIS IN PPM

CL..... 680.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-34
REFERENCE..... WHITE, D. E., 1968

RECORD 01071

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074445

NAME OF SAMPLE SOURCE... MAIN POOL

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

16N 019E 03

COORDINATES

LAT/LONG... 39-17.0 N 119-50.5 W
UTM ZONE... +11
NORTHING... 4351861.
EASTING... 254893.

MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/07/18
TEMPERATURE (C)..... 27.

WATER ANALYSIS

PH..... 7.9
TOTAL DISSOLVED SOLIDS... 297.

ANALYSIS IN PPM

AG..... CO3..... N
AL..... CR..... MG... 1.
B..... F..... 2.0
BA..... FE+3..... NA+K. 96. S04.. 32.
BE..... FE(TOT). N
CA..... 8. HCO3..... 110. NO3.. 7.2
CL..... 74.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-65
REFERENCE..... MCLANE, A., PERSONAL COMMUNICATION, 1971

RECORD 01072

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074560

NAME OF SAMPLE SOURCE... MCCOMAS WELL

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

18N 020E 21 NE OF SW

COORDINATES

LAT/LONG... 39-24.6 N 119-40.7 W
UTM ZONE... +11
NORTHING... 4365491.
EASTING... 269400.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
WELL DEPTH (M)..... 14.

WATER ANALYSIS

PH..... 7.0
SPECIFIC CONDUCTANCE..... 214.

ANALYSIS IN PPM

CL..... 10.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-44
REFERENCE..... WHITE, D. E., 1968

RECORD 01073

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074436

NAME OF SAMPLE SOURCE... MCCULLOCH CORP. WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 22N 21E 07 SE OF NW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

LAT/LONG... 39-47.4 N 119-40.0 W
UTM ZONE... +11
NORTHING... 4407642.
EASTING... 271657.

MAP REFERENCE..... RENO 1:250000, SUTCLIFFE 1:62500

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/03/31
TEMPERATURE (C)..... 43.3

WATER ANALYSIS

PH..... 8.9
TOTAL DISSOLVED SOLIDS... 788.

ANALYSIS IN PPM

AG.....	CO3.....	8.			
AL.....	CR.....		MG...	1.	
B.....	F.....	3.			
BA.....	FE+3.....		NA+K.	154.	S04.. 168.
CA..... 16.	HC03.....	56.	NO3..	2.	
CL..... 114.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... CWRR(1973) CENTER FOR WATER RESOURCES RESEARCH ; DESERT RESEARCH INST., UNIV. OF NEVADA,
RENO; COMPUTER DATA BANK

RECORD 01074

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074561

NAME OF SAMPLE SOURCE... MCKNIGHT WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 27 NE OF SW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

LAT/LONG... 39-23.7 N 119-43.5 W
UTM ZONE... +11
NORTHING... 4363946.
EASTING... 265332.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.

WELL DEPTH (M)..... 59.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-45
 REFERENCE..... WHITE, D. E., 1968

RECORD 01075

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074164

NAME OF SAMPLE SOURCE... MOANA AREA
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 19N 19E 25 NE OF NW LAT/LONG... 39-29.2 N 119-48.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4374319.
 GEOLOGIC PROVINCE.. EASTING.... 259188.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/02/11
 TEMPERATURE (C)..... 35.6
 WELL DEPTH (M)..... 20.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 697.
 TOTAL DISSOLVED SOLIDS... 532.

ANALYSIS IN PPM

AG....	CO3..... N	LI...	0.8		
AL.... N	CR.....	MG...	0.7		
AS....	CS.....	MN...	0.01		
AU....	CU.....	MO...		SI02.	97.
B.....	F..... 4.5	NA...	130.	S04..	153.
BA....	FE+3....	NA+K.			
BE....	FE(TOT).. 0.03				
CA.... 16.	HC03.... 165.	N03..	0.5	U....	0.00006
CL.... 16.					
CO....	K..... 2.6				

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, LOELTZ, O. J., 1964, EVALUATION OF HYDROGEOLOGY AND HYDROGEOCHEMISTRY OF TRUCKEE MEADOWS AREA, WASHOE COUNTY, NEVADA; U.S. GEOL. SURVEY WATER SUPPLY PAPER 1779-S, NEVADA DEPT. CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES BULL. 28

RECORD 01076

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074165

NAME OF SAMPLE SOURCE... MOANA AREA
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 19N 19E 25 NE OF NW LAT/LONG... 39-29.2 N 119-48.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4374319.
 GEOLOGIC PROVINCE.. EASTING.... 259188.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/02/11
 TEMPERATURE (C)..... 45.6
 WELL DEPTH (M)..... 213.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 792.
 TOTAL DISSOLVED SOLIDS... 641.

ANALYSIS IN PPM

AG.....	CO3.....	LI...	0.7		
AL.....	CR.....	MG...	0.1		
AU.....	CU.....	MO...		SI02.	86.
B.....	F..... 2.1	NA...	150.	S04..	221.
BA.....	FE+3....	NA+K.			
CA..... 15.	HC03.... 134.				
CL..... 24.					
CO.....	K..... 8.2				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA ; NEVADA BUR. MINES AND GEOLOGY REPORT 25

RECORD 01077

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074173

NAME OF SAMPLE SOURCE... MOANA AREA

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

COORDINATES

LAT/LONG... 39-29.2 N 119-48.4 W
 UTM ZONE... +11
 NORTHING... 4374337.
 EASTING.... 258615.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
 WELL DEPTH (M)..... 75.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 1423.
 TOTAL DISSOLVED SOLIDS... 984.

ANALYSIS IN PPM

AG.....	CO3.....	LI...	0.19		
AL.....	CR.....	MG...	0.2		
AS..... 0.01					
AU.....	CU.....	MO...		SI02.	111.
B..... 1.9	F..... 5.1	NA...	243.	S04..	448.
BA.....	FE+3....	NA+K.			
CA..... 14.	HC03.... 97.				
CL..... 54.					
CO.....	K..... 7.7				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01078

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074180

NAME OF SAMPLE SOURCE... MOANA AREA

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-29.1 N 119-48.5 W
 UTM ZONE... +11
 NORTHING... 4374156.
 EASTING... 258465.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.8
 WELL DEPTH (M)..... 94.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 1320.
 TOTAL DISSOLVED SOLIDS... 1057.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	0.26		
AS..... 0.2					
AU.....	CU.....	MO...		SI02..	103.
B..... 1.2	F..... 6.3	NA...	293.		
BA.....	FE+3.....	NA+K..		S04..	465.
CA..... 25.	HCO3..... 101.				
CL..... 53.					
CO.....	K..... 8.1				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01079

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074184

NAME OF SAMPLE SOURCE... MOANA AREA

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-28.6 N 119-48.8 W
 UTM ZONE... +11
 NORTHING... 4373245.
 EASTING... 258006.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1939/10/25
 TEMPERATURE (C)..... 82.2
 WELL DEPTH (M)..... 229.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1327.
 TOTAL DISSOLVED SOLIDS... 980.

ANALYSIS IN PPMISOTOPE (0/00)

AG.....	CO3..... T
---------	------------

AL.... T CR..... MG... 9.0
 AU.... CU..... MO... SI02. 95.
 BA.... FE+3..... NA+K. 241. S04.. 478.
 BE.... FE(TOT). T
 CA.... 33. HC03..... 88.
 CL.... 52.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, LOELTZ, O. J., 1964, EVALUATION OF HYDROGEOLOGY AND HYDROGEOCHEMISTRY OF TRUCKEE MEADOWS AREA, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY WATER SUPPLY PAPER 1779-S
 NEVADA DEPT. CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES 28

RECORD 01080

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074291

NAME OF SAMPLE SOURCE... MOANA AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	19N 19E	26 NW OF SE	LAT/LONG...	39-28.9	N	119-48.7	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	WASHOE			NORTHING...	4373795.			
GEOLOGIC PROVINCE..				EASTING....	258167.			

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0
 WELL DEPTH (M)..... E 31.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01081

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074318

NAME OF SAMPLE SOURCE... MOANA AREA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	19N 19E	26 SE OF NE	LAT/LONG...	39-29.0	N	119-48.5	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	WASHOE			NORTHING...	4373971.			
GEOLOGIC PROVINCE..				EASTING....	258460.			

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 80.
 WELL DEPTH (M)..... E 61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B. (1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01082

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074339

NAME OF SAMPLE SOURCE... MOANA AREA
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 19N 19E 24 SE OF SE LAT/LONG... 39-29.5 N 119-47.4 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE... NORTHING... 4374847.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000 EASTING.... 260065.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/01/18
 TEMPERATURE (C)..... 47.8

WATER ANALYSIS

PH..... 7.4
 TOTAL DISSOLVED SOLIDS... 646.

ANALYSIS IN PPM

AL.....	CR.....	MG...	0.97		
B.....	F.....	NA...	182.		
BA.....	FE+3....	NA+K.		S04..	294.
CA..... 19.	HCO3....				
CL..... 31.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN,R.L., SCHEIBACH,R.B. (1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS,
 WASHOE COUNTY, NEVADA: NEVADA BUR. MINES AND GEOLOGY REPORT 25

RECORD 01083

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074344

NAME OF SAMPLE SOURCE... MOANA AREA
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 19N 19E 25 SE OF NW LAT/LONG... 39-29.0 N 119-48.0 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE... NORTHING... 4373949.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000 EASTING.... 259176.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/08/09
 TEMPERATURE (C)..... 44.4
 WELL DEPTH (M)..... 29.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 528.

ANALYSIS IN PPM

AG.....	CO3.....	17.			
AL.... T	CR.....	MG...	10.		
AU.....	CU.....	MO...		SI02.	27.
BA.....	FE+3....	NA+K.	128.	S04..	225.
BE.....	FE(TOT). T				
CA..... 38.	HCO3....				
CL..... 32.					

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN,PHILIP,LOELTZ,O.J. (1964) EVALUATION OF HYDROGEOLOGY AND HYDROGEOCHEMISTRY OF TRUCKEE
 MEADOWS AREA, WASHOE COUNTY, NEVADA: USGS WATER-SUPPLY PAPER 1779-S. ALSO NEVADA DEPT. CONSERVATION AND NATURAL

RECORD 01084

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074396

NAME OF SAMPLE SOURCE... MOANA AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 25 NW OF SW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, MT. ROSE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

COORDINATES
 LAT/LONG... 39-28.9 N 119-48.0 W
 UTM ZONE... +11
 NORTHING... 4373764.
 EASTING... 259171.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 63.3
 WELL DEPTH (M)..... 69.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 1035.
 TOTAL DISSOLVED SOLIDS... 780.

ANALYSIS IN PPM

AG.....	CO3.....	LI... 0.14			
AL.....	CR.....	MG... 0.41			
AS..... 0.11					
AU.....	CU.....	MO... 93.	SI02..		
B..... 1.4	F..... 4.2	NA... 189.	S04..	305.	
BA.....	FE+3.....	NA+K.			
CA..... 16.	HCO3..... 131.				
CL..... 33.					
CO.....	K..... 5.5				

ISOIOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEVADA BUREAU OF MINES AND GEOLOGY REPORT 25

RECORD 01085

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074111

NAME OF SAMPLE SOURCE... MOANA AREA - ARBICO

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SW/4, SE/4, NE/4

COORDINATES
 LAT/LONG... 39-29.1 N 119-48.7 W
 UTM ZONE... +11
 NORTHING... 4374165.
 EASTING... 258179.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
 WELL DEPTH (M)..... 97.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01086

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074109

NAME OF SAMPLE SOURCE... MOANA AREA - BERRUM WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 19N 19E 26 SE OF NE LAT/LONG... 39-29.1 N 119-48.5 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4374156.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000 EASTING.... 258465.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SW/4, SE/4, SE/4, NE/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
 WELL DEPTH (M)..... 52.
 OTHER SAMPLE INFORMATION.. FORMERLY USED TO HEAT MOANA SWIMMING POOL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01087

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074176

NAME OF SAMPLE SOURCE... MOANA AREA - BIGLIN
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 19N 19E 26 NE OF SE LAT/LONG... 39-28.9 N 119-48.5 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4373786.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000 EASTING.... 258454.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
 WELL DEPTH (M)..... 46.
 OTHER SAMPLE INFORMATION.. WELL IS ARTESIAN.

WATER ANALYSIS

PH..... 8.0
 SPECIFIC CONDUCTANCE..... 1345.
 TOTAL DISSOLVED SOLIDS... 969.

ANALYSIS IN PPM

AG....	0.11	CO3.....	LI... 0.19		
AL....		CR.....	MG... 0.08		
AU....		CU.....	MO... 236.	SI02..	106.
B.....	1.9	F..... 5.1	NA... 236.	S04..	455.
BA....		FE+3....	NA+K.		
CA....	23.	HC03.... 86.			
CL....	48.				
CO....		K..... 8.0			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE

MEADOWS, WASHOE COUNTY, NEVADA: NE. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01088

GEO THERM FILE ID: 0074171

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - CAMPBELL WELL
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 19N 19E 26 SW OF SE LAT/LONG... 39-28.7 N 119-48.8 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4373430.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000 EASTING.... 258012.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 45.1
 WELL DEPTH (M)..... 229.

WATER ANALYSIS
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1327.

ANALYSIS IN PPM
 CL.... 48.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01089

GEO THERM FILE ID: 0074110

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - CLARK WELL
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 19N 19E 26 SE OF NE LAT/LONG... 39-29.1 N 119-48.7 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4374165.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000 EASTING.... 258179.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NE/4, SW/4, SE/4, NE/4

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 85.0
 WELL DEPTH (M)..... 62.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA: NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01090

GEO THERM FILE ID: 0074393

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - CRANO WELL
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 19N 19E 23 NE OF SE LAT/LONG... 39-29.8 N 119-48.5 W
 COUNTY..... WASHOE UTM ZONE... +11
 NORTHING... 4375452.

EASTING.... 258506.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/20
 TEMPERATURE (C)..... 37.2
 WELL DEPTH (M)..... 31.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1210.
 TOTAL DISSOLVED SOLIDS... 856.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N	LI... 0.8		
AL.... N		CR.....	MG... 4.1		
AS....		CS.....	MN... N		
AU....		CU.....	MO... 79.	SI02.	
B..... 0.74		F..... 1.5	NA... 199.	S04..	325.
BA....		FE+3....	NA+K.		
BE....		FE(TOT).. 0.77			
CA.... 21.		HC03.... 211.	N03.. 2.0	U....	0.0035
CL.... 32.					
CO....		K..... 3.7			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, LOELTZ, O. J., 1964, EVALUATION OF HYDROGEOLOGY AND HYDROGEOCHEMISTRY OF TRUCKEE MEADOWS AREA, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY WATER-SUPPLY PAPER 1779-S
 NEVADA DEPT. CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES BULL. 28

RECORD 01091

GEO THERM FILE ID: 0074219

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - DEGIOVANNI WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.1 N 119-48.5 W
 UTM ZONE... +11
 NORTHING... 4374156.
 EASTING.... 258465.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 97.8
 WELL DEPTH (M)..... 81.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY WASHOE COUNTY #143

RECORD 01092

GEO THERM FILE ID: 0074113

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - DRENDEL WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE

COORDINATES

LAT/LONG... 39-29.1 N 119-48.5 W
 UTM ZONE... +11
 NORTHING... 4374156.

GEOLOGIC PROVINCE..

EASTING.... 258465.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SW/4, SE/4, NE/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 77.2
WELL DEPTH (M)..... 55.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01093

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074179

NAME OF SAMPLE SOURCE... MOANA AREA - ETCHEBERRY WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 19N 19E 26 SE OF NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

LAT/LONG... 39-29.1 N 119-48.5 W
UTM ZONE... +11
NORTHING... 4374156.
EASTING.... 258465.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
WELL DEPTH (M)..... 141.

OTHER SAMPLE INFORMATION.. WELL IS ARTESIAN.

WATER ANALYSIS

PH..... 7.8
SPECIFIC CONDUCTANCE..... 1430.
TOTAL DISSOLVED SOLIDS... 1012.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3.....	LI... 0.18		
AL....	CR.....	MG... 0.8		
AS.... 0.11			SI02. 92.	
AU....	CU.....	MO... 259.	S04.. 478.	
B.... 2.1	F..... 4.8	NA... 259.		
BA....	FE+3....	NA+K.		
CA.... 22.	HCO3.... 99.			
CL.... 53.				
CO....	K..... 7.2			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01094

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074214

NAME OF SAMPLE SOURCE... MOANA AREA - ETNYRE(?) WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 19N 19E 26 SE OF NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

LAT/LONG... 39-28.9 N 119-48.9 W
UTM ZONE... +11
NORTHING... 4373804.
EASTING.... 257880.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS
 TEMPERATURE (C)..... 85.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE
 MEADOWS, WASHOE COUNTY, NEVADA: NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01095

GEO THERM FILE ID: 0074245

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - FREY WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.1 N 119-48.5 W
 UTM ZONE... +11
 NORTHING... 4374156.
 EASTING.... 258465.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 82.2
 WELL DEPTH (M)..... 141.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WH&TE, D. E., 1 68, HYD-OLOGY, ACT&V&TY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL
 SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01096

GEO THERM FILE ID: 0074108

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - GLATLY WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.2 N 119-48.7 W
 UTM ZONE... +11
 NORTHING... 4374350.
 EASTING.... 258184.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NE/4, NW/4, SE/4,
 NE/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 82.2
 WELL DEPTH (M)..... 61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE
 MEADOWS, WASHOE COUNTY, NEVADA: NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01097

GEO THERM FILE ID: 0074288

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - GUISTI WELL
LOCATION
TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 19N 19E 27 NE OF NE LAT/LONG... 39-29.4 N 119-49.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4374761.
 GEOLOGIC PROVINCE.. EASTING.... 256906.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75.0
 WELL DEPTH (M)..... 259.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01098

 GEOTHERM FILE ID: 0074114

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - HILL WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 19N 19E 26 SE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-29.1 N 119-48.5 W
 UTM ZONE... +11
 NORTHING... 4374156.
 EASTING.... 258465.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NW/4, SE/4, SE/4, NE/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
 WELL DEPTH (M)..... 60.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01099

 GEOTHERM FILE ID: 0074240

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - JOHNSON WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 19N 19E 25 SE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-29.0 N 119-48.0 W
 UTM ZONE... +11
 NORTHING... 4373949.
 EASTING.... 259176.

MAP REFERENCE..... RENO 1:250000, MT. ROSE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 44.4
 WELL DEPTH (M)..... 29.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01100

GEO THERM FILE ID: 0074181

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - KELTY WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.0 N 119-48.7 W
 UTM ZONE... +11
 NORTHING... 4373980.
 EASTING.... 258173.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 95.6
 WELL DEPTH (M)..... 32.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 1384.

ANALYSIS IN PPM

CL.... 48.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01101

GEO THERM FILE ID: 0074217

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - KELTY WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 NE OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-28.9 N 119-48.5 W
 UTM ZONE... +11
 NORTHING... 4373786.
 EASTING.... 258454.

MAP REFERENCE..... RENO 1:250000, MT. ROSE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 91.1
 WELL DEPTH (M)..... 61.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01102

GEO THERM FILE ID: 0074241

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - KIMBERLY WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 NE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.3 N 119-48.5 W
 UTM ZONE... +11
 NORTHING... 4374526.
 EASTING.... 258477.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.1
WELL DEPTH (M)..... 32.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01103

GEO THERM FILE ID: 0074160

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - MARK TWAIN MOTEL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 24 NW OF NW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-30.2 N 119-48.2 W
UTM ZONE... +11
NORTHING... 4376178.
EASTING.... 258959.

MAP REFERENCE..... RENO 1:250000, RENO 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NE/4, NW/4, NW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 42.2
WELL DEPTH (M)..... 274.

OTHER SAMPLE INFORMATION.. USED FOR SPACE HEATING. ARTESIAN WHEN DRILLED IN 1953.

WATER ANALYSIS

PH..... 8.0
SPECIFIC CONDUCTANCE..... 942.
TOTAL DISSOLVED SOLIDS... 679.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	LI... 1.2		
AL.....	CR.....	MG... 1.5		
AS..... 13.			SI02. 58.	
AU.....	CU.....	MO... 175.		
B..... 0.75	F..... 0.75	NA... 175.	S04.. 258.	
BA.....	FE+3....	NA+K.		
CA..... 16.	HCO3.... 131.			
CL..... 31.				
CO.....	K..... 6.0			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOL. REPORT 25

RECORD 01104

GEO THERM FILE ID: 0074242

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - MARTIC WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 NE OF NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.3 N 119-48.5 W
UTM ZONE... +11
NORTHING... 4374526.
EASTING.... 258477.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 76.7
 WELL DEPTH (M)..... 183.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01105

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074290

NAME OF SAMPLE SOURCE... MOANA AREA - MILES WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 19N 19E 26 NE OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-28.9 N 119-48.6 W
 UTM ZONE... +11
 NORTHING... 4373791.
 EASTING.... 258310.

MAP REFERENCE..... RENO 1:250000, MT. ROSE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0
 WELL DEPTH (M)..... 23.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY WASHOE CO. #163

RECORD 01106

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074167

NAME OF SAMPLE SOURCE... MOANA AREA - MOANA SPRINGS WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 19N 19E 25 NE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-29.2 N 119-48.0 W
 UTM ZONE... +11
 NORTHING... 4374319.
 EASTING.... 259188.

MAP REFERENCE..... RENO 1:250000, MT. ROSE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 51.1
 WELL DEPTH (M)..... 571.

OTHER SAMPLE INFORMATION.. TEMPERATURE GIVEN AS 127 DEG F AT 571 FT DEPTH.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 832.

ANALYSIS IN PPM

CL..... 28.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAEPR 458-C

RECORD 01107

GEO THERM FILE ID: 0074243

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - MOANA WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

COORDINATES

LAT/LONG... 39-29.1 N 119-48.5 W
 UTM ZONE... +11
 NORTHING... 4374156.
 EASTING.... 258465.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 88.3
 WELL DEPTH (M)..... 55.

WATER ANALYSIS

ANALYSIS IN PPM
 CL.... 55.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01108

GEO THERM FILE ID: 0074168

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - MOFFAT WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 25 NW OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

COORDINATES

LAT/LONG... 39-29.3 N 119-47.7 W
 UTM ZONE... +11
 NORTHING... 4374491.
 EASTING.... 259624.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 40.6
 WELL DEPTH (M)..... 152.
 OTHER SAMPLE INFORMATION.. AT 662 FT, TEMPERATURE GIVEN AS 107 DEG F.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 836.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01109

GEO THERM FILE ID: 0074175

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - MOORE WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 NE OF SE

COORDINATES

LAT/LONG... 39-28.9 N 119-48.6 W

STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

UTM_ZONE... +11
 NORTHING... 4373791.
 EASTING.... 258310.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/02/18
 TEMPERATURE (C)..... 80.0
 WELL DEPTH (M)..... 60.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 1070.
 TOTAL DISSOLVED SOLIDS... 959.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3.....	LI...	0.22		
AL....	CR.....	MG...	0.3		
AS.... 0.09				SI02.	104.
AU....	CU.....	MO...			
B.... 1.7	F..... 4.9	NA...	248.	S04..	419.
BA....	FE+3....	NA+K.			
CA.... 20.	HCO3.... 95.				
CL.... 53.					
CO....	K..... 7.1				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01110

GEOTHERM FILE ID: 0074163

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - NEVADA LAKESHORE CO., INC.

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 24 SW OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000, RENO 1:24000

COORDINATES

LAT/LONG... 39-29.9 N 119-48.1 W
 UTM_ZONE... +11
 NORTHING... 4375619.
 EASTING.... 259085.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 58.9
 WELL DEPTH (M)..... 307.
 OTHER SAMPLE INFORMATION.. USED FOR DOMESTIC HOT WATER.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 886.
 TOTAL DISSOLVED SOLIDS... 650.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3.....	LI...	0.18		
AL....	CR.....	MG...	0.4		
AS.... 0.01				SI02.	86.
AU....	CU.....	MO...			
B.... 0.6	F..... 0.5	NA...	155.	S04..	227.
BA....	FE+3....	NA+K.			
CA.... 597.	HCO3.... 144.				
CL.... 26.					
CO....	K..... 6.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L. SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEVADA BUR. MINES AND GEOLOGY REPORT 25

RECORD 01111

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074183

NAME OF SAMPLE SOURCE... MOANA AREA - OLD YATES WELL
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
STATE..... NEVADA 19N 19E 26 SE OF NE LAT/LONG... 39-29.1 N 119-48.7 W
COUNTY..... WASHOE UTM ZONE... +11
GEOLOGIC PROVINCE.. NORTHING... 4374165.
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000 EASTING.... 258179.
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 90.0
WELL DEPTH (M)..... 46.

WATER ANALYSIS

PH..... 8.3
SPECIFIC CONDUCTANCE..... 1367.
TOTAL DISSOLVED SOLIDS... 975.

ISOTOPES (0/00)

ANALYSIS IN PPM
AG.... CO3..... LI... 0.19
AL.... CR..... MG... 0.21
AS.... 0.1 CU..... MO... SI02. 102.
AU.... F..... 4.8 NA... 243.
B..... 2.0 FE+3.... NA+K. S04.. 457.
BA.... HCO3.... 86.
CA.... 23. CO..... K..... 7.4
CL.... 50.
CO....

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01112

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074162

NAME OF SAMPLE SOURCE... MOANA AREA - PEPPER MILL MOTEL
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
STATE..... NEVADA 19N 19E 24 NE OF NW LAT/LONG... 39-30.1 N 119-47.9 W
COUNTY..... WASHOE UTM ZONE... +11
GEOLOGIC PROVINCE.. NORTHING... 4375980.
MAP REFERENCE..... RENO 1:250000, RENO 1:24000 EASTING.... 259383.
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NE/4, NW/4, NE/4, NW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.2
OTHER SAMPLE INFORMATION.. USED FOR SPACE HEATING.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 724.
 TOTAL DISSOLVED SOLIDS... 567.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... LI... 0.17
 AL.... CR..... MG... 0.3
 AS.... 0.1
 AU.... CU..... MO... SI02. 85.
 B..... 0.76 F..... 0.81 NA... 139.
 BA.... FE+3..... NA+K. S04.. 171.
 CA.... 5.2 HCO3..... 136.
 CL.... 20.
 CO.... K..... 4.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01113

 GEOTHERM FILE ID: 0074292

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - QUADRIO WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 NW OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.0 N 119-48.6 W
 UTM ZONE... +11
 NORTHING... 4373976.
 EASTING... 258316.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 92.2
 WELL DEPTH (M)..... 30.
 OTHER SAMPLE INFORMATION.. WELL IS ARTESIAN.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01114

 GEOTHERM FILE ID: 0074115

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - SIRI WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SW OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.0 N 119-48.8 W
 UTM ZONE... +11
 NORTHING... 4373985.
 EASTING... 258030.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SE/4, SW/4, NE/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 60.0
 WELL DEPTH (M)..... 76.
 OTHER SAMPLE INFORMATION.. USED FOR SPACE HEATING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01115

GEOTHERM FILE ID: 0074174

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - TERRIL WELL
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

COORDINATES

LAT/LONG... 39-29.1 N 119-48.5 W
UTM ZONE... +11
NORTHING... 4374156.
EASTING.... 258465.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 90.0
WELL DEPTH (M)..... 70.

WATER ANALYSIS

PH..... 7.7
SPECIFIC CONDUCTANCE..... 1185.
TOTAL DISSOLVED SOLIDS... 918.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... CO3..... LI... 0.16
AL.... 135. CR..... MG... 0.79
AS.... 0.04
B.... 1.8 F..... 4.8 NA... 203.
BA.... FE+3..... NA+K. 504.. 348.
CA.... 29. HCO3..... 146.
CL.... 42.
CO.... K..... 7.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01116

GEOTHERM FILE ID: 0074244

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA - YATES WELL
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

COORDINATES

LAT/LONG... 39-29.1 N 119-48.5 W
UTM ZONE... +11
NORTHING... 4374156.
EASTING.... 258465.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75.6
WELL DEPTH (M)..... 60.
OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES . OTHER TEMPERAURE/DEPTH MEASUREMENTS:
160 DEG F - 168 FT, 160 DEG F - 184 FT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01117

GEO THERM FILE ID: 0074129

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA- MORREY WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	19N 19E 26 SW OF SW	LAT/LONG... 39- . N 119- . W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4318471.
GEOLOGIC PROVINCE..		EASTING.... 326805.
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NE/4, SW/4, SW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 82.2
WELL DEPTH (M)..... 201.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01118

GEO THERM FILE ID: 0074320

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA-BROWN WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	19N 19E 26 SE OF NE	LAT/LONG... 39-29.2 N 119-48.6 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4374346.
GEOLOGIC PROVINCE..		EASTING.... 258328.
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 86.1
WELL DEPTH (M)..... 61.
OTHER SAMPLE INFORMATION.. WELL IS ARTESIAN.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B. (1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01119

GEO THERM FILE ID: 0074317

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA-DING WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	19N 19E 26 SE OF NE	LAT/LONG... 39-29.0 N 119-48.8 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4373985.
GEOLOGIC PROVINCE..		EASTING.... 258030.
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
WELL DEPTH (M)..... 64.
OTHER SAMPLE INFORMATION.. GIVEN AS 176 F AT 225 FT.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN,R.L., SCHEIBACH,R.B.(1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. OF MINES AND GEOLOGY REPORT 25

RECORD 01120

GEO THERM FILE ID: 0074319

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA-HOBSON WELL
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 39-29.2 N 119-48.5 W
UTM ZONE... +11
NORTHING... 4374341.
EASTING.... 258471.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY WASHOE CO. #134

RECORD 01121

GEO THERM FILE ID: 0074036

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA-ISBELL WELL
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 NE OF SW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 39-28.9 N 119-49.2 W
UTM ZONE... +11
NORTHING... 4373818.
EASTING.... 257450.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SW/4, NE/4, NE/4, SW/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 92.8
WELL DEPTH (M)..... 110.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN,R.L., SCHEIBACH,R.B.(1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01122

GEO THERM FILE ID: 0074035

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA-MCKENZIE WELL
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 26 SE OF NW
STATE..... NEVADA
COUNTY..... WASHOE

COORDINATES
LAT/LONG... 39-29.0 N 119-49.0 W
UTM ZONE... +11
NORTHING... 4373994.

GEOLOGIC PROVINCE..

EASTING.... 257743.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SE/4, SW/4, SE/4,
NW/4SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0

WELL DEPTH (M)..... 229.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... BATEMAN, R.L., SCHEIBACH, R.B. (1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE
MEADOWS, WASHOE COUNTY, NEVADA: NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01123

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074322

NAME OF SAMPLE SOURCE... MOANA AREA-PARRAGUIRRE WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 19N 19E 26 SE OF NE

LAT/LONG... 39-29.1 N 119-48.7 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... WASHOE

NORTHING... 4374165.

GEOLOGIC PROVINCE..

EASTING.... 258179.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 82.2

WELL DEPTH (M)..... 194.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... BATEMAN, R.L., SCHEIBACH, R.B. (1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE
MEADOWS, WASHOE COUNTY, NEVADA: NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01124

GEOTHERM SAMPLE FILE

GEOTHERM FILE ID: 0074401

NAME OF SAMPLE SOURCE... MOANA AREA-UPTON WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 19N 19E 26 SE OF NE

LAT/LONG... 39-29.2 N 119-48.7 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... WASHOE

NORTHING... 4374350.

GEOLOGIC PROVINCE..

EASTING.... 258184.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 84.4

WELL DEPTH (M)..... 75.

WATER ANALYSIS

PH..... 8.3

SPECIFIC CONDUCTANCE... 1454.

TOTAL DISSOLVED SOLIDS... 1033.

ANALYSIS IN PPM

AG.... CO3..... LI... 0.19

AL.... CR..... MG... 0.2

AS.... 0.06

AU.... CU..... MO... SI02. 114.

ISOTOPES (0/00)

B..... 2.1 F..... 5.1 NA.... 266.
 BA..... FE+3..... NA+K. S04.. 463.
 CA..... 13. HCO3..... 108.
 CL..... 54.
 CO..... K..... 7.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B. (1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA: NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01125

 GEOTHERM FILE ID: 0074239

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA AREA, RANDALL WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 25 SE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.0 N 119-48.0 W
 UTM ZONE... +11
 NORTHING... 4373949.
 EASTING.... 259176.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 45.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968: HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01126

 GEOTHERM FILE ID: 0074080

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA HOT SPRINGS

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 19E 25
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-29.0 N 119-48.0 W
 UTM ZONE... +11
 NORTHING... 4373949.
 EASTING.... 259176.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 93.3

OTHER SAMPLE INFORMATION.. WARING NO. 55A. TEMPERATURE RANGE: 100 - 200 F.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 661.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	2.		
AU.....	CU.....	MO...		SI02.	97.
BA.....	FE+3.....	NA+K.	167.	S04..	264.
CA..... 21.	HCO3..... 126.				
CL..... 34.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... ADAMS, W.B. (1944) CHEMICAL ANALYSIS OF MUNICIPAL WATER SUPPLIES, BOTTLED MINERAL WATERS AND
HOT SPRINGS, NEVADA; UNIV. NEV., RENO, DEPT. OF FOOD AND DRUGS, PUBLIC SERVICE DIVISION
WARING, 1965

RECORD 01127

GEO THERM FILE ID: 0002192

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MOANA RESORT

LOCATION

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
STATE.....	NEVADA	19N 19E 26 NE	LAT/LONG... 39-29.3 N 119-48.7 W
COUNTY.....	WASHOE		
MAP REFERENCE.....	MT. ROSE NE 1:24000, RENO 1:250000		

OTHER LOCALITY INFORMATION: THERMAL WELL SUPPLYING MOANA RESORT SOUTH OF RENO

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/01/05 WHITE, DON
POINT OF COLLECTION... ESCAPE VALVE NEAR WELL 500 YDS. WEST OF ROAD
TEMPERATURE (C)..... 90.8

WATER ANALYSIS

DATE/ANALYST..... 1950/04/26 BRANNOCK, W. W.
PH..... 7.9
SPECIFIC CONDUCTANCE..... 1320.
TOTAL DISSOLVED SOLIDS... 1005.

ANALYSIS IN PPM

AG....	CO3..... N	LI... 0.4	SB... N
AL....	CR.....	MG... L 1.	
AS.... 0.1			
AU....	CU.....	MO... 267.	SI02. 106.
B.... 2.5	F..... 5.	NA... 267.	S04.. 474.
BA....	FE+3....	NA+K.	
CA.... 28.	HCO3.... 87.		
CL.... 52.			
CO....	K..... 7.9		

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01128

GEO THERM FILE ID: 0074215

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MONANA AREA - ETNYRE(?) WELL

LOCATION

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
STATE.....	NEVADA	19N 19E 26 SE OF NE	LAT/LONG... 39-29.1 N 119-48.6 W
COUNTY.....	WASHOE		UTM ZONE... +11
GEOLOGIC PROVINCE..			NORTHING... 4374161.
MAP REFERENCE.....	RENO 1:250000, MT. ROSE NE 1:24000		EASTING... 258322.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0
WELL DEPTH (M)..... E 200.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE

MEADOWS, WASHOE COUNTY, NEVADA: NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01129

GEOTHERM FILE ID: 0074563

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEW SPRING

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

34N 022E 18

COORDINATES

LAT/LONG... 40-49.9 N 119-31.9 W
UTM ZONE... +11
NORTHING... 4522944.
EASTING.... 286526.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.

WATER ANALYSIS

PH..... 7.8

ANALYSIS IN PPM

AG..... CO3..... N
AU..... CU.....
B..... F.....
CA..... 32.
CL..... 28.
CO..... K..... 7.

ISOTOPES (0/00)

MO... SI02. 86.
NA... 25.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NK-11-10-1
REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B

RECORD 01130

GEOTHERM FILE ID: 0074478

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NEWTON WELL

LOCATION

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

TOWNSHIP-RANGE

19N 020E 30 SW OF NW

COORDINATES

LAT/LONG... 39-29.2 N 119-47.2 W
UTM ZONE... +11
NORTHING... 4374284.
EASTING.... 260335.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.

WELL DEPTH (M)..... 110.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-25
REFERENCE..... WHITE, D. E., 1968

RECORD 01131

GEOTHERM FILE ID: 0002185

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... NORTH HOT POOL

LOCATION

COUNTRY..... UNITED STATES

TOWNSHIP-RANGE

COORDINATES

STATE..... NEVADA
 COUNTY..... WASHOE
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1954/07/21 HEWETT, D. F.
 TEMPERATURE (C)..... 82.0
 DISCHARGE..... 379. L/MIN

WATER ANALYSIS
 DATE/ANALYST..... 1954/09/10 BRENNAN, R.
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 7510.
 ALKALINITY..... 167. AS CAC03
 TOTAL DISSOLVED SOLIDS... 4520.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		C03.....	N	LI...	2.0		
AL.....		CR.....		MG...	1.2		
AU.....		CU.....		MO...		SI02.	186.
B.....	8.4	F.....	5.0	NA...	1510.	S04..	392.
BA.....		FE+3.....		NA+K.			
CA.....	65.	HC03.....	68.	N03..	0.6		
CD.....		H2S.....	T				
CL.....	2260.						
CO.....		K.....	129.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01132

GEOTHERM FILE ID: 0074464

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... OLD VAN SLYCK WELL

LOCATION

COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

TOWNSHIP-RANGE

19N 019E 25 SE OF NW

COORDINATES

LAT/LONG... 39-29.1 N 119-48.1 W
 UTM ZONE... +11
 NORTHING... 4374139.
 EASTING... 259039.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1974/04/00
 TEMPERATURE (C)..... 33.
 WELL DEPTH (M)..... 23.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 725.
 TOTAL DISSOLVED SOLIDS... 532.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....		C03.....		LI...	0.07		
AL.....		CR.....		MG...	1.0		
AS.....	0.04					SI02.	50.
AU.....		CU.....		MO...			
B.....	0.9	F.....	2.9	NA...	127.	S04..	156.
BA.....		FE+3.....		NA+K.			
CA.....	12.	HC03.....	159.				
CL.....	17.						
CO.....		K.....	5.5				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-8
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01133

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074468

NAME OF SAMPLE SOURCE... PECKNAM WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 19N 019E 25 NE OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-29.0 N 119-47.4 W
 UTM ZONE... +11
 NORTHING... 4373922.
 EASTING... 260037.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 24.4
 WELL DEPTH (M)..... 213.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-11
 REFERENCE..... WHITE, D. E., 1968

RECORD 01134

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074486

NAME OF SAMPLE SOURCE... PEIGH WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 18N 020E 29 NE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-24.1 N 119-45.2 W
 UTM ZONE... +11
 NORTHING... 4364760.
 EASTING... 262914.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 17.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-50
 REFERENCE..... WHITE, D. E., 1968

RECORD 01135

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074487

NAME OF SAMPLE SOURCE... PEIGH WELL

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 18N 020E 29 NE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-24.1 N 119-45.7 W
 UTM ZONE... +11
 NORTHING... 4364782.
 EASTING... 262196.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 27.2
WELL DEPTH (M)..... 23.

WATER ANALYSIS

ANALYSIS IN PPM
CL..... 6.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-51
REFERENCE..... WHITE, D. E., 1968

RECORD 01136

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074488

NAME OF SAMPLE SOURCE... PEIGH WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 02E 29 SW OF NW
STATE..... NEVADA
COUNTY..... WASHOE

COORDINATES

LAT/LONG... 39-23.9 N 119-46.1 W
UTM ZONE... +11
NORTHING... 4364430.
EASTING... 261611.

GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 34.
WELL DEPTH (M)..... 25.

WATER ANALYSIS

PH..... 7.7
SPECIFIC CONDUCTANCE..... 194.

ANALYSIS IN PPM

CL..... 2.6

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-52
REFERENCE..... WHITE, D. E., 1968

RECORD 01137

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074058

NAME OF SAMPLE SOURCE... PLEASANT VALLEY

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 20E 07 NW OF SW
STATE..... NEVADA
COUNTY..... WASHOE

COORDINATES

LAT/LONG... 39-20.9 N 119-46.8 W
UTM ZONE... +11
NORTHING... 4358910.
EASTING... 260435.

GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/00/00
TEMPERATURE (C)..... 37.8
WELL DEPTH (M)..... 51.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... NEV. BUR. MINES AND GEOL. WASHOE COUNTY #245

RECORD 01138

GEO THERM FILE ID: 0002182

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... POISON SPRING

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES

STATE..... NEVADA

COUNTY..... WASHOE

OTHER LOCALITY INFORMATION: VIRGINIA RANGE NEAR GEIGER GRADE

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/06/12 WHITE, DON

DISCHARGE..... 7.6 L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1953/12/22 KRAMER, HENRY

PH..... 2.5

ANALYSIS IN PPM

AG....		CO3..... N	LI... N		
AL....	503.	CR.....	MG... 39.	SI02.	98.
AU....		CU.....	MO... 65.	S04..	3096.
B....	0.19	F..... 1.0	NA... 70.		
BA....		FE+3....	NA+K.		
BE....		FE(TOT)..			
CA....	283.	HCO3..... N	NO3.. N		
CD....		H2S..... 0.75			
CL....	6.0				
CO....		K..... 0.9			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01139

GEO THERM FILE ID: 0074654

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... POOL H-1

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 34N 023E 02

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.

WATER ANALYSIS

PH..... 8.4

ANALYSIS IN PPM

AG....		CO3..... N			
AL....		CR.....	MG... 0.2	SI02.	88.
AU....		CU.....	MO... 380.		
B....		F.....			
CA....	28.	HCO3..... 460.			
CL....	250.				
CO....		K..... 17.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T. AND KELLER, G. V., 1975B

RECORD 01140

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074652

NAME OF SAMPLE SOURCE... POOL H-41

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 34N 023E 02 SE OF NE SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-51.5 N 119-19.8 W
 UTM ZONE... +11
 NORTHING... 4525432.
 EASTING.... 303611.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 33.

WATER ANALYSIS

PH..... 7.9

ANALYSIS IN PPM

AG.... CO3..... N
 AL.... CR.....
 AU.... CU.....
 B.... F.....
 BA.... FE+3.....
 CA.... 18. HCO3..... 448.
 CL.... 260.
 CO.... K..... 16.

ISOTOPES (0/00)

MG... 0.2
 MO... SI02. 90.
 NA... 440.
 NA+K. S04.. 380.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G.V., 1975B

RECORD 01141

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074653

NAME OF SAMPLE SOURCE... POOL H-5

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 34N 023E 02 NE OF NW SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-51.7 N 119-20.2 W
 UTM ZONE... +11
 NORTHING... 4525817.
 EASTING.... 303059.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 31.

WATER ANALYSIS

PH..... 8.2

ANALYSIS IN PPM

AG.... CO3..... N
 AL.... CR.....
 AU.... CU.....
 B.... F.....
 CA.... 22. HCO3..... 450.
 CL.... 240.

ISOTOPES (0/00)

MG... 0.15
 MO... SI02. 88.
 NA... 424.

CO..... K..... 17.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L. T. AND KELLER, G.V., 1975B

RECORD 01142

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074571

NAME OF SAMPLE SOURCE... POOL H-50
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 34N 023E 02 SE OF NE SE LAT/LONG... 40-51.5 N 119-19. W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4525403.
 GEOLOGIC PROVINCE.. EASTING.... 304735.
 MAP REFERENCE..... LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.

WATER ANALYSIS

PH..... 8.0

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... CR..... MG... 0.2
 AU.... CU..... MO... SI02. 82.
 B.... F..... NA... 430.
 BA.... FE+3.... NA*K. S04.. 380.
 CA.... 17. HCO3.... 452.
 CL.... 250.
 CO..... K..... 15.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-9
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B

RECORD 01143

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074569

NAME OF SAMPLE SOURCE... POOL NO. H-82
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 34N 023E 01 SE OF SW NW LAT/LONG... 40-51.7 N 119-19.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4525795.
 GEOLOGIC PROVINCE.. EASTING.... 303902.
 MAP REFERENCE..... LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 32.

WATER ANALYSIS

PH..... 8.0

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N
 AL.... CR..... MG... 0.2
 AU.... CU..... MO... SI02. 82.
 B.... F..... NA... 400.

BA.... FE+3.... NA+K. S04.. 368.
 CA.... 20. HC03.... 440.
 CL.... 245.
 CO.... K..... 18.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-7
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975B

RECORD 01144

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002193

NAME OF SAMPLE SOURCE... PYRAMID LAKE (THE NEEDLES) - WESTERN GEOTHERMAL WELL

LOCATION TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 40-09.0 N 119-40.5 W

COUNTRY..... UNITED STATES

STATE..... NEVADA

COUNTY..... WASHOE

MAP REFERENCE..... THE NEEDLE ROCKS 1:24000, LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: UNSURVEYED.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/30 WHITE, DON

POINT OF COLLECTION.. WELL HEAD

WATER ANALYSIS

DATE/ANALYST..... 1964/06/10 POLZER, W. L.

PH..... 8.5

SPECIFIC GRAVITY..... 1.0

TOTAL DISSOLVED SOLIDS... 3870.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	6.	LI...	0.8		
AL....		CR.....		MG... N			
AU....		CU.....		MO...		SI02.	97.
B.....	7.2	F.....		NA... 1050.			
BA....		FE+3....		NA+K.		S04..	293.
CA....	245.	HC03....	11.				
CL....	1830.						
CO....		K.....	29.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01145

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000655

NAME OF SAMPLE SOURCE... PYRAMID LAKE (THE NEEDLES)

LOCATION TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 40-08.76 N 119-40.49 W

UTM ZONE... +11

NORTHING... 4447182.

EASTING... 272144.

COUNTRY..... UNITED STATES

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... LOVELOCK 1:250000, THE NEEDLE ROCKS 1:24000

OTHER LOCALITY INFORMATION: UNSURVEYED.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP

TEMPERATURE (C)..... Q 56.

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION..... CaCO3 APRON DEPOSITED
 PERTINENT LITHOLOGY..... ROCK TYPES: TUFFS, ALLUVIUM, OLIVINE BASALT.

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 6200.
 ALKALINITY..... 26. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	0.61	SB...		
AL..... 0.018	CR.....	MG...	0.1	SC...		
AS..... 0.02	CS..... 0.2	MN... L	0.02	SI02..	110.	
AU.....	CU..... 0.01	MO...				
B..... 6.1	F..... 3.0	NA...	1100.	S04..	340.	
BA.....	FE+3.....	NA+K.		SR...	0.06	
BE.....	FE(TOT) L	NB...	0.02			
BI.....	GA.....	NH4..	0.26			
BR..... 10.						
CA..... 260.						
CA+MG.	HG..... L		0.0001			
CD.....	H2S.....	P04..	0.12			
CL..... 1900.	I..... 0.3	RB...	0.19			
CO.....	K..... 160.					

ISOTOPES (0/00)
 DEL D OF WATER..... -106.5
 DEL O(18) OF WATER... -6.33

QUALIFICATION FIELD..... BOILING IN WELL?

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, RAPP, PRESSER, AND WILEY, THE CHEMICAL COMPOSITION AND ESTIMATED MINIMUM THERMAL RESERVOIR TEMPERATURES OF PRINCIPAL HOT SPRINGS OF NORTHERN AND CENTRAL NEVADA
 MARINER, PRESSER, RAPP, AND WILEY, THE MINOR TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON OPEN FILE REPORTS 1974, 1975

RECORD 01146

GEOTHERM FILE ID: 0000800

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SAN EMIDIO DESERT - UNNAMED HOT SPRING

LOCATION

COUNTRY..... UNITED STATES 29N 23E 09,16
 STATE..... NEVADA
 COUNTY..... WASHOE
 MAP REFERENCE..... KUMIVA PEAK 1:62500, LOVELOCK 1:250000

COORDINATES

LAT/LONG... 40-23.5 N 119-24.4 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/20 MARINER AND EVANS
 TEMPERATURE (C)..... Q 95.0
 DISCHARGE..... L 1. L/MIN

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, METAL ANALYSES ACIDIFIED WITH NITRIC ACID, DILUTED

WATER ANALYSIS

PH..... 6.6
 SPECIFIC CONDUCTANCE..... 7570.
 ALKALINITY..... 129. AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI...	2.5	SB...		
AL.....	CR.....	MG...	2.3	SC...		
AS.....	CS..... 0.4	MN...	0.15	SI02..	215.	
AU.....	CU.....	MO...				

ISOTOPES (0/00)
 DEL D OF WATER..... -106.4
 DEL O(18) OF WATER... -11.61

B..... 7.2 F..... 5.2 NA... 1500.
 BA..... FE+3..... NA+K. S04.. 240.
 BE..... FE(TOT). 0.05
 CA..... 160. HCO3..... 129.
 CL..... 2500. I..... RB... 0.9 ZN... 0.01
 CO..... K..... 120.

QUALIFICATION FIELD..... SPRING REPORTED BOILING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., PRESSER, EVANS, CHEMICAL DATA FOR EIGHT SPRINGS IN NORTHWESTERN NEVADA.

RECORD 01147

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000801

NAME OF SAMPLE SOURCE... SAN EMIDIO DESERT - UNNAMED HOT SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

LAT/LONG... 40-23.5 N 119-24.3 W

COUNTRY..... UNITED STATES 29N 23E 09,16
 STATE..... NEVADA
 COUNTY..... WASHOE
 MAP REFERENCE..... KUMIVA PEAK 1:62500, LOVELOCK 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/20 MARINER AND EVANS
 TEMPERATURE (C)..... 89.0
 DISCHARGE..... L 3. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, METAL ANALYSES ACIDIFIED WITH NITRIC ACID, DILUTED.

WATER ANALYSIS

DATE/ANALYST..... 1975/00/00 BARNES GROUP
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 6880.
 ALKALINITY..... 1.7 AS HCO3

ANALYSIS IN MG/L

AG.....	CO3.....	LI... 2.2	SB...
AL.....	CR.....	MG... 2.2	SC...
AS.....	CS..... 0.4	MN... 0.13	
AU.....	CU..... 0.01	MO... 1400.	SI02. 205.
B..... 6.5	F..... 5.1	NA... 2.1	S04.. 220.
BA.....	FE+3.....	NH4.. 0.86	
BI.....	GA.....		
CA..... 160.	HG..... 0.0006		
CA+MG.	I.....		
CL..... 2300.	K..... 110.		
CO.....			

ISOTOPES (0/00)

DEL D OF WATER..... -108.3
 DEL O(18) OF WATER... -12.05

GAS ANALYSIS

ANALYSIS IN VOLUME %

CH4.. 11.
 C2H6. N2... 62.
 CO2.. 25.

ISOTOPES (00/0)

OTHER ANALYTICAL DATA... CLEAR, GASSY SPRING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., PRESSER, EVANS, CHEMICAL DATA FOR EIGHT SPRINGS IN NORTHWESTERN NEVADA.

RECORD 01148

GEO THERM FILE ID: 0000802

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SAN EMIDIO DESERT - UNNAMED HOT SPRING

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 29N 23E 09,16
 STATE..... NEVADA
 COUNTY..... WASHOE
 MAP REFERENCE..... KUMIVA PEAK 1:62500, LOVELOCK 1:250000

COORDINATES

LAT/LONG... 40-23.5 N 119-24.4 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/20 MARINER AND EVANS

TEMPERATURE (C)..... 79.0

DISCHARGE..... 30. L/MIN

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE - MEMBRANE FILTER, METAL ANALYSES ACIDIFIED WITH NITRIC ACID, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1975/00/00 BARNES GROUP

PH..... 6.7

SPECIFIC CONDUCTANCE..... 6850.

ALKALINITY..... 92. AS HCO3

ANALYSIS IN MG/L

AG....	CO3.....	LI....	2.1	SB....	
AL....	CR.....	MG....	1.5	SC....	
AS....	CS..... 0.4	MN....	0.08	SI02..	240.
AU....	CU.....	MO....		NA....	1400.
B.... 6.3	F..... 5.0	NA+K..		S04..	230.
BA....	FE+3....				
BE....	FE(TOT).. 0.13	NI....	T		
BR....	GE.....	RB....	0.92		
CA.... 140.	I.....				
CL.... 2300.	K..... 110.				
CO....					

ISOTOPES (0/00)

DEL D OF WATER..... -105.3

DEL O(18) OF WATER... -11.54

OTHER ANALYTICAL DATA... CLEAR, GASSY SPRING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, R. H., PRESSER, EVANS, CHEMICAL DATA FOR EIGHT SPRINGS IN NORTHWESTERN NEVADA.

RECORD 01149

GEO THERM FILE ID: 0000799

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SAN EMIDIO SPRING

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 28N 23E 31 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 40-15.4 N 119-26.1 W

UTM ZONE... +11

NORTHING... 4458879.

EASTING... 292914.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/20 MARINER AND EVANS

TEMPERATURE (C)..... 15.0

WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, METAL ANALYSES ACIDIFIED WITH NITRIC ACID, DILUTED

OTHER SAMPLE INFORMATION.. FRESH WATER.

WATER ANALYSIS

DATE/ANALYST..... 1975/00/00 BARNES GROUP

PH..... 9.7
 SPECIFIC CONDUCTANCE..... 260.
 ALKALINITY..... 120. AS HC03

ANALYSIS IN MG/L

AG.....		CO3.....		LI... L 0.01	SB... 7.9	SC... 34.	
AL.....		CR.....		MG... 7.9	SC... 34.		
AS.....		CS.....	L 0.1				
AU.....		CU.....		MO... 25.	SI02.. 19.		
B..... 0.12		F.....	0.29	NA... 25.	S04.. 19.		
BA.....		FE+3.....		NA+K.			
CA..... 18.							
CL..... 16.		I.....		RB... L 0.02			
CO.....		K.....	8.3				

ISOTOPES (0/00)
 DEL D OF WATER..... -110.2
 DEL O(18) OF WATER... -14.24

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., PRESSER, EVANS, CHEMICAL DATA FOR EIGHT SPRINGS IN NORTHWESTERN NEVADA

RECORD 01150

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002195

NAME OF SAMPLE SOURCE... SCHINDLER (DRAKE) WELL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 34 NW OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
 LAT/LONG... 39-23.0 N 119-43.5 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/01/27 COHEN, P.
 POINT OF COLLECTION.. 120 FT. SOUTH OF WELL
 WATER TREATMENT..... SOME SAMPLES IN SOLUTION WHEN ANALYZED.
 OTHER SAMPLE INFORMATION.. APPEARANCE CLEAR WHEN COLLECTED I IS 1000 ML SAMPLE

WATER ANALYSIS

DATE/ANALYST..... 1958/06/03 SCHUCH, J. P.
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 609.
 ALKALINITY..... 260. AS CAC03
 TOTAL DISSOLVED SOLIDS... 436.

ANALYSIS IN PPM

AG.....		CO3..... N		LI... N			
AL..... 0.12		CR.....		MG... 20.			
AS..... N		CS.....		MN... 0.01			
AU.....		CU..... 0.16		MO... 29.	SI02.. 22.		
B..... 0.04		F..... 0.2		NA... 29.	S04.. 154.		
BA.....		FE+3.....		NA+K.			
BE.....		FE(TOT), N					
BI.....		GA.....		NH4.. N			
BR..... N							
CA..... 71.		HC03..... 198.		NO3.. 2.6			
CA+MG.		HG.....		PB... N			
CD.....		H2S.....		PO4.. 0.21			
CL..... 7.0		I..... 0.05		RB... 8.0			
CO.....		K..... 4.2					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01151

GEO THERM FILE ID: 0074458

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SIERRA PACIFIC WELL

LOCATION TOWNSHIP-RANGECOORDINATESCOUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..LAT/LONG... 39-30.9 N 119-48.3 W
UTM ZONE... +11
NORTHING... 4377478.
EASTING.... 258856.

MAP REFERENCE..... RENO 1:250000, RENO 1:2 000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONSDATE/COLLECTOR..... 1931/06/26
TEMPERATURE (C)..... 30.
WELL DEPTH (M)..... 239.WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 648.

ANALYSIS IN PPMISOTOPES (0/00)AG..... CO3..... N
AL..... CR.....
AU..... CU.....
BA..... FE+3.....
CA..... 39. HCO3..... 193.
CL..... 30.MG... 12.
MO...
NA+K. 148. SI02. 55.
S04.. 258.REFERENCE AND IDENTIFICATIONCOMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-3
REFERENCE..... COHEN, P. AND LOELTZ, O.J., 1964 AND WHITE, D. E., 1955

RECORD 01152

GEO THERM FILE ID: 0074465

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... SMITH WELL

LOCATION TOWNSHIP-RANGECOORDINATESCOUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..LAT/LONG... 39-29.4 N 119-48.3 W
UTM ZONE... +11
NORTHING... 4374703.
EASTING.... 258769.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONSTEMPERATURE (C)..... 32.
WELL DEPTH (M)..... 18.WATER ANALYSISPH..... 7.3
SPECIFIC CONDUCTANCE..... 944.ANALYSIS IN PPMISOTOPES (0/00)

CL..... 29.

REFERENCE AND IDENTIFICATIONCOMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-9
REFERENCE..... WHITE, D. E., 1968

RECORD 01153

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000857

NAME OF SAMPLE SOURCE... STEAMBOAT COLD SPRING
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 18N 020E 33
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/08/08 BRANNOCK, W. W.
 TEMPERATURE (C)..... 56.0

WATER ANALYSIS

DATE/ANALYST..... 1949/08/08 BRANNOCK, W. W.
 PH..... 7.1
 SPECIFIC CONDUCTANCE..... 438.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	17.	
AU.....	CU.....		MO...		SI02. 58.
B..... 0.03	F.....		NA...	27.	
BA.....	FE+3.....		NA+K.		S04.. 9.9
CA..... 42.	HC03.....	268.			
CL..... 6.2					
CO.....	K.....	6.4			

OTHER ANALYTICAL DATA... S04/CL 1.6, K/NA 0.237

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01154

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000876

NAME OF SAMPLE SOURCE... STEAMBOAT CREEK AT HUFFAKER HILLS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 19N 020E 34
 COUNTY..... WASHOE

COORDINATES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1951/11/19 WHITE, DON E.
 DISCHARGE..... 34068. L/MIN

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 1560.

ANALYSIS IN PPM

ISOTOPES (0/00)

B..... 15.					
BA.....	FE+3.....		NA+K.		S04.. 94.
CL..... 280.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01155

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074010

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS-SUTHERLAND WELL SEQ. NO. 4

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18N 20E 21 NE OF SW	LAT/LONG... 39-24.6 N 119-44.6 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4365659.
GEOLOGIC PROVINCE..		EASTING.... 263803.
MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000		

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 47.8

WELL DEPTH (M)..... 17.

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES, OTHER DATA SAME WELL: 40 FT DEPTH=36.5 C, 45 FT DEPTH= 44.5 COTHER DATA SAMPLE WELL: 40FT DEPTH = 36.5C, 45FT DEPTH = 44.5C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D.E. (1968) HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; USGS PROF PAPER 458-C

RECORD 01156

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074057

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18N 20E 34 NE OF SE	LAT/LONG... 39-22.8 N 119-43.1 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4362264.
GEOLOGIC PROVINCE..		EASTING.... 265856.
MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 50.0

WATER ANALYSIS

PH..... 7.8

TOTAL DISSOLVED SOLIDS... 806.

ANALYSIS IN PPM

AL....	CR.....	MG...	40.
B.....	F.....	NA...	101.
BA....	FE+3....	NA+K.	S04.. 480.
CA.... 78.	HCO3.... 95.		
CL.... 6.			

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... BATEMAN, R.L., SCHEIBACH, R.B. (1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. OF MINES AND GEOLOGY REPORT 25

RECORD 01157

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074077

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS-NEV. THERMAL POWER CO. NO.5

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18N 20E 32 NW OF NW	LAT/LONG... 39-23.1 N 119-46.0 W

STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

UTM_ZONE... +11
 NORTHING... 4362945.
 EASTING.... 261709.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 175.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... THOMPSON, G. A., WHITE, D. E. (1964) REGIONAL GEOLOGY OF THE STEAMBOAT SPRINGS AREA, WASHOE COUNTY, NEVADA: USGS PROF. PAPER 458-A, P A1-A52

RECORD 01158

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074118

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - NEV. POWER CO. NO. 6 WELL

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18N 20E 32 NE OF NW

LAT/LONG... 39-23.2 N 119-45.8 W

STATE..... NEVADA

UTM_ZONE... +11

COUNTY..... WASHOE

NORTHING... 4363121.

GEOLOGIC PROVINCE..

EASTING.... 262002.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 178.9

WELL DEPTH (M)..... 218.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U.S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01159

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074119

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - RENO WELL

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18N 20E 28 SE OF NW

LAT/LONG... 39-23.9 N 119-44.8 W

STATE..... NEVADA

UTM_ZONE... +11

COUNTY..... WASHOE

NORTHING... 4364373.

GEOLOGIC PROVINCE..

EASTING.... 263477.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 93.9

WELL DEPTH (M)..... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: US GEOL. SURVEY PROF. PAPER 458-C

RECORD 01160

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074120

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - COX WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18N 20E 32 NW OF SE	LAT/LONG... 39-22.8 N 119-45.4 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4362364.
GEOLOGIC PROVINCE..		EASTING.... 262553.
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES		
<u>SAMPLE DESCRIPTION AND CONDITIONS</u>		
TEMPERATURE (C).....	57.8	
WELL DEPTH (M).....	4.4	
<u>REFERENCE AND IDENTIFICATION</u>		
COMPILED BY.....	KOENIG, B. A.	
COMPILER AFFILIATION...	NEVADA BUREAU OF MINES AND GEOLOGY	
REFERENCE.....	WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; US GEOL. SURVEY PROF. PAPER 458 - C	

RECORD 01161

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - WARREN WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18N 20E 28 NW OF NE	LAT/LONG... 39-24.0 N 119-44.3 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4364536.
GEOLOGIC PROVINCE..		EASTING.... 264200.
MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES		
<u>SAMPLE DESCRIPTION AND CONDITIONS</u>		
TEMPERATURE (C).....	37.2	
WELL DEPTH (M).....	19.	
<u>REFERENCE AND IDENTIFICATION</u>		
COMPILED BY.....	KOENIG, B. A.	
COMPILER AFFILIATION...	NEVADA BUREAU OF MINES AND GEOLOGY	
REFERENCE.....	WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; US GEOL. SURVEY PROF. PAPER 458-C	

GEOTHERM FILE ID: 0074121

RECORD 01162

 GEOTHERM SAMPLE FILE
 NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - ZOLEZZI SPRINGS WELL

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	18N 20E 17 SW OF SE	LAT/LONG... 39-25.1 N 119-45.5 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4366623.
GEOLOGIC PROVINCE..		EASTING.... 262540.
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000		
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES		
<u>SAMPLE DESCRIPTION AND CONDITIONS</u>		
TEMPERATURE (C).....	45.6	
WELL DEPTH (M).....	30.	
<u>WATER ANALYSIS</u>		
PH.....	7.6	
SPECIFIC CONDUCTANCE.....	623.	
<u>ANALYSIS IN PPM</u>		
CL.....	86.	

GEOTHERM FILE ID: 0074147

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01163

GEOIHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074170

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 SW OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

COORDINATES
 LAT/LONG... 39-22.6 N 119-44.4 W
 UTM ZONE... +11
 NORTHING... 4361950.
 EASTING.... 263978.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75.0
 WELL DEPTH (M)..... 79.

WATER ANALYSIS

PH..... 9.0
 SPECIFIC CONDUCTANCE..... 348.
 TOTAL DISSOLVED SOLIDS... 182.

ANALYSIS IN PPM

AG.....	CO3.....	19.			
AL.....	CR.....		MG...	0.4	
AU.....	CU.....		MO...		SI02. 4.7
B..... 0.1	F.....		NA...	69.	
BA.....	FE+3.....		NA+K.		S04.. 2.3
CA..... 2.0	HC03.....	146.			
CL..... 8.4					
CO.....	K.....	6.8			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01164

GEOIHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074185

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 SE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

COORDINATES
 LAT/LONG... 39-23.0 N 119-44.8 W
 UTM ZONE... +11
 NORTHING... 4362708.
 EASTING.... 263426.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/02/05
 TEMPERATURE (C)..... 57.8

WATER ANALYSIS

PH..... 6.7
 SPECIFIC CONDUCTANCE..... 3240.
 TOTAL DISSOLVED SOLIDS... 2130.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....	N				
AL....	N	CR.....		MG...	1.9		
AS....		CS.....		MN...	0.05		
AU....		CU.....		MO...		SI02.	205.
B.....	2.2	F.....	2.2	NA...	644.		
BA....		FE+3....		NA+K.		S04..	142.
BE....		FE(TOT)..	0.08				
CA....	14.	HC03....	328.	NO3..	0.4	U....	L 0.0001
CL....	790.						
CO....		K.....	59.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, LOELTZ, O. J., 1964A, EVALUATION OF HYDROGEOLOGY AND HYDROGEOCHEMISTRY OF TRUCKEE MEADOWS AREA, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY WATER-SUPPLY PAPER 1779-S
 NEV. DEPT. CONSERVATION AND NATURAL RESOURCES WATER RESOURCES BULL. 28

RECORD 01165

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074187

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 20E	33 SE OF NW	LAT/LONG...	39-23.0	N 119-44.8	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	WASHOE			NORTHING...	4362708.		
GEOLOGIC PROVINCE..				EASTING....	263426.		

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/08/27
 TEMPERATURE (C)..... 53.9

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 2933.
 TOTAL DISSOLVED SOLIDS... 2275.

ISOTOPES (0/00)

ANALYSIS IN PPM

AL....		CR.....		MG...	0.6		
AU....		CU.....		MO...		SI02.	245.
B.....	5.8	F.....	2.2	NA...	635.		
BA....		FE+3....		NA+K.		S04..	141.
CA....	25.	HC03....	336.				
CL....	767.						
CO....		K.....	65.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. OF MINES AND GEOLOGY REPORT 25

RECORD 01166

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074189

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - SPRING 50

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 20E	33 SW OF NW	LAT/LONG...	39-23.0	N 119-44.8	W
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STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

UTM_ZONE... +11
 NORTHING... 4362708.
 EASTING.... 263426.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/02/05
 TEMPERATURE (C)..... 57.8
 DISCHARGE..... 5. L/MIN

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 3240.
 TOTAL DISSOLVED SOLIDS... 2130.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	N				
AL.....	CR.....		MG...	1.9		
AS.....	CS.....		MN...	0.05		
AU.....	CU.....		MO...		SI02.	79.
B.....	F.....	2.2	NA...	644.	S04..	142.
BA.....	FE+3.....		NA+K.			
BE.....	FE(TOT)...	0.08				
CA.....	HCO3.....	328.	NO3..	0.4	U....	L 0.0001
CD.....	H2S.....		PO4..	2.7		
CL.....						
CO.....	K.....	59.				

OTHER ANALYTICAL DATA... RA = 3.0E-13 CURIES.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SCOTT, R. C., BARKER, F. B., 1962, DATA ON URANIUM AND RADIUM IN GROUND WATER IN THE UNITED STATES: U.S. GEOL. SURVEY PROF. PAPER 426

RECORD 01167

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074192

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - SENEGES WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 20E	28 NW OF SW	LAT/LONG...	39-23.6	N	119-44.9	W
STATE.....	NEVADA			UTM_ZONE...	+11			
COUNTY.....	WASHOE			NORTHING...	4363822.			
GEOLOGIC PROVINCE..				EASTING....	263316.			

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 145.6
 WELL DEPTH (M)..... 54.

WATER ANALYSIS

PH..... 6.4
 SPECIFIC CONDUCTANCE..... 3440.

ISOTOPES (0/00)

ANALYSIS IN PPM

CL..... 826.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01168

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074193

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - U. S. GEOL. SURVEY GS-2 WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 20E 29 NE OF SE LAT/LONG... 39-23.6 N 119-45.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4363826.
 GEOLOGIC PROVINCE.. EASTING.... 263173.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 153.9
 WELL DEPTH (M)..... 121.

WATER ANALYSIS

PH..... 6.0
 SPECIFIC CONDUCTANCE..... 2730.

ANALYSIS IN PPM

CL.... 564.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01169

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074194

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - RODEO WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 20E 33 NE OF NW LAT/LONG... 39-23.2 N 119-44.6 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4363069.
 GEOLOGIC PROVINCE.. EASTING.... 263724.
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 168.9
 WELL DEPTH (M)..... 84.

WATER ANALYSIS

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 3440.

ANALYSIS IN PPM

CL.... 836.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01170

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074195

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - U. S. GEOL. SURVEY GS-4 WELL
LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18N 20E 33 NE OF NW LAT/LONG... 39-23.2 N 119-44.6 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... WASHOE NORTHING... 4363069.
GEOLOGIC PROVINCE.. EASTING.... 263724.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 171.1
WELL DEPTH (M)..... 153.

WATER ANALYSIS

PH..... 6.6
SPECIFIC CONDUCTANCE..... 3180.

ANALYSIS IN PPM
CL.... 816.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01171

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074196

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - U.S. GEOL. SURVEY GS-5 WELL

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18N 20E 33 NE OF NW LAT/LONG... 39-23.2 N 119-44.6 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... WASHOE NORTHING... 4363069.
GEOLOGIC PROVINCE.. EASTING.... 263724.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 169.4
WELL DEPTH (M)..... 174.

WATER ANALYSIS

PH..... 6.0
SPECIFIC CONDUCTANCE..... 3270.

ANALYSIS IN PPM
CL.... 826.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACT&V&TY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01172

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074197

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - MT. ROSE 1 WELL

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18N 20E 28 NE OF NW LAT/LONG... 39-24.3 N 119-44.9 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... WASHOE NORTHING... 4365117.
GEOLOGIC PROVINCE.. EASTING.... 263356.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 132.8
WELL DEPTH (M)..... 49.

OTHER SAMPLE INFORMATION.. OTHER DATA SAME WELL: DEPTH 133.2 FT, PH 7.4, SP COND 3400 MOHS/CM, CL 884 PPM, TEMP 246 DEG F; 110 FT, CL 824 PPM, TEMP 250 DEG F.

WATER ANALYSIS

PH..... 7.4
SPECIFIC CONDUCTANCE..... 3400.

ANALYSIS IN PPM
CL.... 844.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW IN THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01173

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074198

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - STEAMBOAT 4 WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 20E 33 NW OF SE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

LAT/LONG... 39-21.7 N 119-44.3 W
UTM ZONE... +11
NORTHING... 4360281.
EASTING... 264071.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 155.0
WELL DEPTH (M)..... 56.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 2700.
ANALYSIS IN PPM

ISOTOPES (0/00)

CL.... 702.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01174

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074248

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 20E 33
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

LAT/LONG... 39-23.3 N 119-44.6 W
UTM ZONE... +11
NORTHING... 4363254.
EASTING... 263730.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/13
TEMPERATURE (C)..... 140.0

WATER ANALYSIS

ANALYSIS IN PPM

ISOTOPES (0/00)

AL..... CR..... MG... 5. S04.. 82.
 BA..... FE+3..... NA+K.
 CA..... 36. HCO3..... 339.
 CL..... 308.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR, 1973, (CENTER FOR WATER RESOURCES RESEARCH) DESERT RESEARCH INSTITUTE, UNIV. OF NEVADA, RENO; COMPUTER DATA BANK

RECORD 01175

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074260

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 28 SE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE

COORDINATES
 LAT/LONG... 39-24.0 N 119-44.9 W
 UTM ZONE... +11
 NORTHING... 4364562.
 EASTING.... 263339.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/08/02
 TEMPERATURE (C)..... 75.0

WATER ANALYSIS

PH..... 7.1
 TOTAL DISSOLVED SOLIDS... 1862.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL..... CR..... MG... 11.
 B..... F..... 1.6 NA... 630.
 BA..... FE+3..... NA+K. S04.. 130.
 CA..... 27. HCO3..... 256.
 CL..... 805.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01176

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0074269

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - SOUTH STEAMBOAT WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 SW OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE

COORDINATES
 LAT/LONG... 39-22.6 N 119-44.4 W
 UTM ZONE... +11
 NORTHING... 4361950.
 EASTING.... 263978.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 75.6
 WELL DEPTH (M)..... 79.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 348.

ANALYSIS IN PPM

ISOTOPES (0/00)

CL.... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL
 SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01177

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074270

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - U. S. GEOL. SURVEY GS-7 WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 20E 32 NW OF SE LAT/LONG... 39-22.8 N 119-45.4 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4362364.
 GEOLOGIC PROVINCE.. EASTING.... 262553.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 161.1
 WELL DEPTH (M)..... 124.

WATER ANALYSIS

PH..... 6.7
 SPECIFIC CONDUCTANCE..... 158.

ANALYSIS IN PPM

ISOTOPES (0/00)

CL.... 0.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL
 SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01178

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074271

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - U. S. GEOL. SURVEY GS-6 WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 20E 29 SE OF SE LAT/LONG... 39-23.5 N 119-45.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4363646.
 GEOLOGIC PROVINCE.. EASTING.... 263024.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 102.2
 WELL DEPTH (M)..... 65.

WATER ANALYSIS

PH..... 6.7
 SPECIFIC CONDUCTANCE..... 372.

ANALYSIS IN PPM

ISOTOPES (0/00)

CL.... 12.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL
 SYSTEM, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01179

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074278

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 27 NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-24.1 N 119-43.6 W
 UTM ZONE... +11
 NORTHING... 4364690.
 EASTING.... 265210.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/11/02
 TEMPERATURE (C)..... 48.9
 WELL DEPTH (M)..... 35.

WATER ANALYSIS

PH..... 8.3
 TOTAL DISSOLVED SOLIDS... 2230.

ANALYSIS IN PPM

AG....		CO3.....	12.				
AL....		CR.....		MG...	3.		
AS....	0.64						
B.....		F.....		NA...	762.		
BA....		FE+3....		NA+K.		S04..	75.
CA....	30.	HCO3....	388.				
CL....	950.						

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01180

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074280

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 27 SE OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-23.5 N 119-43.0 W
 UTM ZONE... +11
 NORTHING... 4363554.
 EASTING.... 266038.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/08/25
 TEMPERATURE (C)..... 40.0

WATER ANALYSIS

PH..... 7.3
 TOTAL DISSOLVED SOLIDS... 927.

ANALYSIS IN PPM

AL....		CR.....		MG...	43.		
B.....		F.....		NA...	112.		
BA....		FE+3....		NA+K.		S04..	504.
CA....	98.	HCO3....	158.				
CL....	7.						

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GOETHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01181

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074306

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 34 SW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-22.9 N 119-43.6 W
 UTM ZONE... +11
 NORTHING... 4362470.
 EASTING.... 265143.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/02/22
 TEMPERATURE (C)..... 70.0

WATER ANALYSIS

PH..... 7.2
 TOTAL DISSOLVED SOLIDS... 423.

ANALYSIS IN PPM

AL.....	CR.....	MG...	18.		
BA.....	FE+3....	NA+K.		S04..	72.
CA..... 67.	HC03....		242.		
CL..... 6.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B. (1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01182

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074307

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 34 NE OF SW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-22.9 N 119-43.6 W
 UTM ZONE... +11
 NORTHING... 4362470.
 EASTING.... 265143.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/01/07
 TEMPERATURE (C)..... 66.1

WATER ANALYSIS

PH..... 7.8
 TOTAL DISSOLVED SOLIDS... 316.

ANALYSIS IN PPM

AL.....	CR.....	MG...	8.8		
B.....	F.....	NA...	5.8		
BA.....	FE+3....	NA+K.		S04..	72.
CA..... 66.	HC03....		158.		

ISOTOPES (0/00)

CL.... 5.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B. (1975) EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE
 MEADOWS, WASHOE COUNTY, NEVADA; VEV, BUR. MINES AND GEOLOGY REPORT 25

RECORD 01183

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074309

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATIONCOORDINATES

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	18N 20E 33	LAT/LONG...	39-23.3 N 119-44.6 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4363254.
GEOLOGIC PROVINCE..				EASTING....	263730.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1961/02/22
 TEMPERATURE (C)..... 90.0

WATER ANALYSISANALYSIS IN PPMISOTOPES (0/00)

AL.....	CR.....	MG...	3.		
BA.....	FE+3.....	NA+K.	390.	S04..	26.
BE.....	FE(TOT).		3.5		
CA..... 53.	HCO3.....		337.		
CL..... 490.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... CWRR(1973) (CENTER FOR WATER RESOURCES RESEARCH) DESERT RESEARCH INSTITUTE UNIV. OF
 NEVADA, RENO; COMPUTER DATA BANK

RECORD 01184

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074312

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS-EAST RENO WELL

LOCATIONCOORDINATES

COUNTRY.....	UNITED STATES	<u>TOWNSHIP-RANGE</u>	18N 20E 28 SE OF NW	LAT/LONG...	39-23.9 N 119-44.8 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4364373.
GEOLOGIC PROVINCE..				EASTING....	263477.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 138.
 WELL DEPTH (M)..... 48.

WATER ANALYSIS

PH..... 7.0

ANALYSIS IN PPMISOTOPES (0/00)

CL..... 868.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E. (1968) HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM,

WASHOE COUNTY, NEVADA: USGS PROF. PAPER 458-C

RECORD 01185

GEO THERM FILE ID: 0074313

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS-WEST RENO WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 28 SE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE

COORDINATES

LAT/LONG... 39-23.9 N 119-44.8 W
 UTM ZONE... +11
 NORTHING... 4364373.
 EASTING... 263477.

GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 137.8
 WELL DEPTH (M)..... 57.

WATER ANALYSIS

PH..... 7.5

ANALYSIS IN PPM

CL..... 898.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D.E. (1968) HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL

SYSTEM, WASHOE COUNTY, NEVADA: USGS PROF. PAPER 458-C

RECORD 01186

GEO THERM FILE ID: 0074314

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS-MERCURY WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 32 NW OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE

COORDINATES

LAT/LONG... 39-23.3 N 119-45.3 W
 UTM ZONE... +11
 NORTHING... 4363284.
 EASTING... 262725.

GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 102.8
 WELL DEPTH (M)..... 39.

WATER ANALYSIS

PH..... 7.8

ANALYSIS IN PPM

CL..... 600.

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D.E. (1968) HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL

SYSTEM, WASHOE COUNTY, NEVADA: USGS PROF. PAPER 458-C

RECORD 01187

GEO THERM FILE ID: 0074315

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS-COX WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 32 NW OF NE

COORDINATES

LAT/LONG... 39-23.3 N 119-45.3 W

STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

UTM ZONE... +11
 NORTHING... 4363284.
 EASTING.... 262725.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 95.0
 WELL DEPTH (M)..... 28.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E. (1968) HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM,
 WASHOE COUNTY, NEVADA; USGS PROF. PAPER 458-C

RECORD 01188

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074316

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS-RENO PRESSBRICK WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 32 NW OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-23.2 N 119-46.0 W
 UTM ZONE... +11
 NORTHING... 4363130.
 EASTING.... 261714.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 70.0
 WELL DEPTH (M)..... 18.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E. (1968) HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL
 SYSTEM, WASHOE COUNTY, NEVADA; USGS PROF. PAPER 458-C

RECORD 01189

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074342

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - DA MONTE SPRINGS

WARNING NUMBER..... 55D

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 16
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-26.0 N 119-44.3 W
 UTM ZONE... +11
 NORTHING... 4368236.
 EASTING.... 264312.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 54.4
 DISCHARGE..... 151. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WARING, G. A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD;
 USGS PROF. PAPER 492

RECORD 01190

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074347

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 20E 17 SW OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-25.1 N 119-45.5 W
 UTM ZONE... +11
 NORTHING... 4366623.
 EASTING... 262540.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1948/10/22
 TEMPERATURE (C)..... 45.6
 WELL DEPTH (M)..... 30.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 505.

ANALYSIS IN PPMISOTOPES (0/00)

AG.....		CO3..... T			
AL..... T		CR.....	MG... 18.		
AU.....		CU.....	MO... 23.	SI02.	23.
B..... 5.0					
BA.....		FE+3.....	NA+K. 115.	S04..	10.
BE.....		FE(TOT). T			
CA..... 72.		HCO3..... 461.			
CL..... 82.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... COHEN, PHILIP, LOELTZ, O. J. (1964) EVALUATION OF HYDROGEOLOGY AND HYDROGEOCHEMISTRY OF TRUCKEE MEADOWS AREA, WASHOE COUNTY, NEVADA; USGS WATER SUPPLY PAPER 1779-S. ALSO: NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES BULL. 28

RECORD 01191

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074349

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS-ZOLEGGI SPRINGS

WARING NUMBER..... 55C

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 20E 17
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-25.6 N 119-45.4 W
 UTM ZONE... +11
 NORTHING... 4367544.
 EASTING... 262712.

MAP REFERENCE..... RENO 1:250000, MT. ROSE NE 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 39.4
 DISCHARGE..... 473. L/MIN

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WARING, G. A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD; USGS PROF. PAPER 492

RECORD 01192

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074350

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS- CB CONCRETE WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18N 20E	23 NW OF NW	LAT/LONG...	39-25.0	N 119-42.7	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	WASHOE			NORTHING...	4366316.		
GEOLOGIC PROVINCE..				EASTING....	266552.		

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/04/08

TEMPERATURE (C)..... 40.6

WELL DEPTH (M)..... 31.

OTHER SAMPLE INFORMATION.. CASING PERFORATED 76-96 FT.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... E 2000.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... NEV. BUR. MINES AND GEOLOGY WASHOE CO. #197

RECORD 01193

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074354

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS- CARVER WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18N 20E	33 NW OF SE	LAT/LONG...	39-21.7	N 119-44.3	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	WASHOE			NORTHING...	4360281.		
GEOLOGIC PROVINCE..				EASTING....	264071.		

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 95.0

WELL DEPTH (M)..... 8.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WHITE, D. E., 1968, U.S.G.S. PROF. PAPER 458 C

RECORD 01194

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074386

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18N 20E	28 NE OF NW	LAT/LONG...	39-24.1	N 119-44.5	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	WASHOE			NORTHING...	4364730.		
GEOLOGIC PROVINCE..				EASTING....	263919.		

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/03/06

TEMPERATURE (C)..... 132.8
 WELL DEPTH (M)..... 46.

WATER ANALYSIS

PH..... 8.7
 SPECIFIC CONDUCTANCE..... 3360.
 TOTAL DISSOLVED SOLIDS... 2230.

ANALYSIS IN PPM

AG....		CO3.....	65.	LI...	10.		
AL....	N	CR.....		MG...	N		
AS....		CS.....		MN...	N		
AU....		CU.....		MO...		SI02.	121.
B.....	17.	F.....	2.5	NA...	660.	S04..	130.
BA....		FE+3....		NA+K.			
BE....		FE(TOT).	0.01				
CA....	1.4	HCO3....	172.	NO3..	2.0	U....	0.0007
CL....	863.						
CO....		K.....	68.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, LOELTZ, O. J., 1964, EVALUATION OF HYDROGEOLOGY AND HYDROGEOCHEMISTRY OF TRUCKEE MEADOWS AREA, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY WATER-SUPPLY PAPER 1779-S
 NEV. DEPT. CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES BULL. 28

RECORD 01195

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074387

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS (SENGES WELL)

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 28 NW OF SW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-23.6 N 119-44.8 W
 UTM ZONE... +11
 NORTHING... 4363818.
 EASTING.... 263460.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/01/05 WHITE, DON E.
 TEMPERATURE (C)..... 145.
 WELL DEPTH (M)..... 61.

WATER ANALYSIS

DATE/ANALYST..... 1950/04/26 BRANNOCK, W. W.
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 3150.
 TOTAL DISSOLVED SOLIDS... 2226.

ANALYSIS IN PPM

AG....		CO3.....	N	LI...	7.6	SB...	0.2
AL....		CR.....		MG...	1.0		
AS....	2.6						
AU....		CU.....		MO...		SI02.	299.
B.....	46.	F.....	2.1	NA...	640.	S04..	94.
BA....		FE+3....		NA+K.			
BE....		FE(TOT).	0.01				
BR....	0.4						
CA....	11.	HCO3....	337.				
CL....	836.	I.....	0.2				
CO....		K.....	64.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... COHEN, PHILIP, LOELTZ, O. J., 1964, EVALUATION OF HYDROGEOLOGY AND HYDROGEOCHEMISTRY OF
 TRUCKEE MEADOWS, WASHOE COUNTY, NEVADA; U. S. GEOL. SURVEY WATER-SUPPLY PAPER 1779-S
 NEV. DEPT. CONSERVATION AND NATURAL RESOURCES, WATER RESOURCES BULL. 28

RECORD 01196

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074392

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 20E 23 SW OF NW LAT/LONG... 39-24.7 N 119-42.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4365761.
 GEOLOGIC PROVINCE.. EASTING.... 266536.
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 41.1

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 1837.
 TOTAL DISSOLVED SOLIDS... 1367.

ANALYSIS IN PPMISOTOPES (0/00)

AL.....	CR.....	MG...	12.		
AS..... 0.28				SI02.	152.
AU.....	CU.....	MO...			
B..... 22.	F.....	NA...	318.		
CA..... 44.	HC03..... 306.				
CL..... 337.					
CO.....	K..... 27.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... BATEMAN, R. L., SCHEIBACH, R. B., 1975, EVALUATION OF GEOTHERMAL ACTIVITY IN THE TRUCKEE
 MEADOWS, WASHOE COUNTY, NEVADA; NEV. BUR. MINES AND GEOLOGY REPORT 25

RECORD 01197

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074394

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - HAROLD HERZ 2 WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 20E 28 NW OF NW LAT/LONG... 39-24.2 N 119-44.9 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4364932.
 GEOLOGIC PROVINCE.. EASTING.... 263350.
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 89.4
 WELL DEPTH (M)..... 47.

WATER ANALYSIS

PH..... 7.0
 SPECIFIC CONDUCTANCE..... 1745.

ANALYSIS IN PPMISOTOPES (0/00)

CL..... 400.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01198

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074395

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - HAROLD HERZ 1 WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 28 NW OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

COORDINATES
 LAT/LONG... 39-24.2 N 119-44.9 W
 UTM ZONE... +11
 NORTHING... 4364932.
 EASTING.... 263350.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 92.8
 WELL DEPTH (M)..... 17.

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 1820.

ISOTOPES (0/00)

ANALYSIS IN PPM
 CL.... 416.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01199

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074399

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - NO. 32 GEYSER WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 NW OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

COORDINATES
 LAT/LONG... 39-21.7 N 119-44.3 W
 UTM ZONE... +11
 NORTHING... 4360281.
 EASTING.... 264071.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 114.4
 WELL DEPTH (M)..... 13.

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 3335.

ISOTOPES (0/00)

ANALYSIS IN PPM
 CL.... 885.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... WHITE, E. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01200

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074400

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS - U. S. GEOL. SURVEY GS-8 WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 NW OF NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

COORDINATES
LAT/LONG... 39-23.2 N 119-44.6 W
UTM ZONE... +11
NORTHING... 4363069.
EASTING... 263724.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 127.8
WELL DEPTH (M)..... 37.

WATER ANALYSIS

PH..... 6.6
SPECIFIC CONDUCTANCE..... 3300.
ANALYSIS IN PPM
CL.... 896.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WHITE, D. E., 1968, HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: U. S. GEOL. SURVEY PROF. PAPER 458-C

RECORD 01201

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074412

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS- TACHINO WELL

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 20E 04 SW OF SE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, VIRGINIA CITY 1:24000

COORDINATES
LAT/LONG... 39-21.7 N 119-44.4 W
UTM ZONE... +11
NORTHING... 4360285.
EASTING... 263927.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 37.2
WELL DEPTH (M)..... 16.
OTHER SAMPLE INFORMATION.. INFORMATION FROM OTHER DEPTHS IN THE SAME WELL INCLUDES: 14.8 FT - TEMP 72 F; PH = 7.3;
SPEC. COND. = 256 MOHS/CM; CL = 5.6 PPM. AT 21.6 FT - TEMP = 81 F. AT 24.7 FT - TEMP = 97 F.

WATER ANALYSIS

PH..... 7.6
SPECIFIC CONDUCTANCE..... 256.
ANALYSIS IN PPM
CL.... 3.9

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WHITE, D. E. (1968) HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA: USGS PROF. PAPER 458-C

RECORD 01202

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074439

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS-NEV. THERMAL POWER CO. NO. 5 WELL

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18N 20E 32 NW OF NW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, MT. ROSE 1:24000

LAT/LONG... 39-23.2 N 119-46.0 W
UTM ZONE... +11
NORTHING... 4363130.
EASTING.... 261714.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 162.8
WELL DEPTH (M)..... 252.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WHITE, D. E. (1968) HYDROLOGY, ACTIVITY, AND HEAT FLOW OF THE STEAMBOAT SPRINGS THERMAL SYSTEM, WASHOE COUNTY, NEVADA; USGS PROF. PAPER 458-C

RECORD 01203

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074722

NAME OF SAMPLE SOURCE... STEAMBOAT HOT SPRINGS, BLOWING WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 28 SW OF NW SW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

LAT/LONG... 39-23.7 N 119-44.9 W
UTM ZONE... +11
NORTHING... 4364007.
EASTING.... 263322.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1978/07/12
TEMPERATURE (C)..... 94.

OTHER SAMPLE INFORMATION.. THIS SAMPLE WAS COLLECTED FROM AN ERUPTING STEAM WELL; ERUPTIONS OCCUR AT REGULAR INTERVALS AND LAST FROM 3-5 MINUTES.

WATER ANALYSIS

PH..... 8.5
SPECIFIC CONDUCTANCE..... 3600.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL..... CR..... MG... 0.11
AU..... CU..... MO... SI02. 295.
B..... F..... NA... 710.
BA..... FE+3..... NA+K. S04.. 150.
CA..... 5.9 HC03..... Q 188.
CL..... 885.
CO..... K..... 78.

QUALIFICATION FIELD..... BICARBONATE TITRATED WITHIN 24 HOURS OF SAMPLING.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-86
REFERENCE..... TREXLER, D. T., FLYNN, T., AND KOENIG, B. A., 1979

RECORD 01204

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000957

NAME OF SAMPLE SOURCE... STEAMBOAT SPRING - CANYON

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17N 20E 03 SE OF NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

LAT/LONG... 39-21. N 119-43. W
UTM ZONE... +11
NORTHING... 4358929.
EASTING.... 265899.

MAP REFERENCE..... VIRGINIA CITY 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/01/27 COHEN, P.
 TEMPERATURE (C)..... Q
 DISCHARGE..... 133. L/MIN
 OTHER SAMPLE INFORMATION.. WATER TEMP. LISTED AS 45 DEG.

WATER ANALYSIS

DATE/ANALYST..... 1958/05/19 SCHUCH, J. P.
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 534.
 ALKALINITY..... 212. AS CAC03
 TOTAL DISSOLVED SOLIDS... 382.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N	LI... N		
AL....	0.1	CR.....	MG... 16.		
AS....		CS.....	MN... N		
AU....		CU.....	MO... 60.	SI02..	60.
B....	0.06	F..... 0.3	NA... 33.	S04..	74.
BA....		FE+3....	NA+K.		
BE....		FE(TOT).. 0.03			
BI....		GA.....	NH4.. L 1.		
BR.... N					
CA....	59.	HC03.... 257.	N03.. 0.3		
CD....		H2S.....	P04.. 0.5		
CL....	6.3	I..... 0.2			
CO....		K..... 7.2			

OTHER ANALYTICAL DATA... NO2 .01 PPM
 QUALIFICATION FIELD..... TEMPERATURE LISTED AS 45 DEG.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 01205

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000860

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 95.6

WATER ANALYSIS

DATE/ANALYST..... NEV. GEOLOGICAL SURVEY

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FITCH, 1927, P. 474, ALSO OLD ANALYSES OF BOWERS

RECORD 01206

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000912

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 18N 020E 33 NE
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000
 OTHER LOCALITY INFORMATION: WEST OF RENO AR A

COORDINATES
 LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1938/11/19 GIANELLA
 TEMPERATURE (C)..... 96.5
 WELL DEPTH (M)..... 59.
 OTHER SAMPLE INFORMATION.. DEPTH 195'. DEPOSITION ON CASING 97% CAC03

WATER ANALYSIS

DATE/ANALYST..... 1938/00/00 HOWARD, C. S.
 SPECIFIC CONDUCTANCE..... 3600.
 TOTAL DISSOLVED SOLIDS... 2414.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....		CR.....		MG... 1.3			
AU....		CU.....		MO... 254.	SI02.		
B..... 50.		F..... 2.0		NA... 696.	S04..	130.	
BA....		FE+3....		NA+K.			
BE....		FE(TOT).. 0.1					
CA.... 5.4		HCO3....		NO3.. 2.0			
CL.... 945.							
CO....		K..... 62.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01207

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000914

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 18N 020E 32
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
 LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING.... 264575.

WATER ANALYSIS

DATE/ANALYST..... 1910/00/00 DINSMORE, S. C.
 TOTAL DISSOLVED SOLIDS... 2890.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N					
AL....		CR.....		MG... T			
AU....		CU.....		MO... 205.	SI02.		
B.....		F.....		NA... 806.	S04..	130.	
BA....		FE+3....		NA+K.			
CA.... 13.		HCO3.... 375.					
CL.... 996.							
CO....		K..... 77.					

OTHER ANALYTICAL DATA... FE + AL TRACE

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... SEE JONES REPORT, PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01208

 GEOTHERM FILE ID: 0001003

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 32
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1886/00/00

WATER ANALYSIS

DATE/ANALYST..... 1886/00/00 MELVILK
 TOTAL DISSOLVED SOLIDS... 2844.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	LI... 7.1	SB... 0.42
AL.... 0.13		CR.....	MG... 0.38	
AS.... 2.7				
AU....		CU.....	MO... 682.	SI02. 311.
B.....		F.....	NA... 682.	
BA....		FE+3....	NA+K.	S04.. 132.
BE....		FE(TOT). 0.14		
CA.... 7.0				
CA+MG.		HG..... T		
CD....		H2S.....	P04.. 0.83	
CL.... 952.				
CO....		K..... 103.		

OTHER ANALYTICAL DATA... HCO3 + CO3 241.52 PPM; B407 273.08 PPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... JONES 1916 REPORT FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01209

 GEOTHERM FILE ID: 0000809

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00 MARINER'S GROUP
 TEMPERATURE (C)..... 94.0
 DISCHARGE..... 50. L/MIN
 WATER TREATMENT..... PRESSURE FILTERED THROUGH A .45 MICROMETRE - MEMBRANE FILTER, DILUTED
 DEPOSITS OR ALTERATION... SILICA APRON DEPOSITED

WATER ANALYSIS

DATE/ANALYST..... 1972/00/00 BARNES GROUP
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 3340.

ALKALINITY..... 368. AS HC03
ANALYSIS IN MG/L
 AG..... C03..... LI... 7.5 SB...
 AL..... 0.009 CR..... MG... 0.7 SC...
 AS..... CS..... 1.5 MN... 0.02
 AU..... CU..... 0.01 MO...
 B..... 47. F..... 2.1 NA... 680.
 BA..... FE+3..... NA+K.
 BE..... FE(TOT) L 0.02 NB... SR... 1.9
 CA..... 16. HG..... 0.0005
 CA+MG. H2S..... P04.. 0.98
 CD..... I..... RB... 0.7
 CL..... 837. K..... 66.
 CO.....

ISOTOPES (0/00)
 DEL D OF WATER..... -116.7
 DEL O(18) OF WATER... -12.16

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

CH4.. L 1.
 C2H6. N2... 6.
 CO2.. 93.

ISOTOPES (00/0)

QUALIFICATION FIELD..... SPRING BOILING, HIGH CHLORIDE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, R. H., RAPP, PRESSER, THE CHEMICAL COMPOSITION & ESTIMATED MINIMUM THERMAL
 RESERVOIR TEMPERATURES OF PRINCIPAL OF HOT SPRINGS OF NORTHERN & CENTRAL NEVADA, MARINER, PRESSER, RAPP, WILLEY,
 THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 01210

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000915

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23.0 N 119-44.0 W
 UTM ZONE... +11
 NORTHING... 4361487.
 EASTING.... 307645.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 85.0

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 2850.

ANALYSIS IN PPM
 AG..... C03..... LI... 8. SB... 1.
 AL..... T CR..... MG... T
 AS..... 3. CU..... MO... SI02. 325.
 AU..... F..... NA... 866.
 B..... FE+3..... NA+K. S04.. 131.
 BA..... CA..... 7. HG..... T
 CA+MG. H2S..... P04.. 1.
 CD..... CL..... 997. K..... 108. S... 6.
 CO.....

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... C03 + HC03 = 145 PPM, B203 = 253 PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... ALLEN AND DAY, 1937, P. 173.

RECORD 01211

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001002

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 04E 05 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WASHOE CITY 1:24000, RENO 1:250000

COORDINATES
 LAT/LONG... 39-22. N 119-45. W
 UTM ZONE... +11
 NORTHING... 4360866.
 EASTING... 263083.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/07/20 WHITE, DON E.
 TEMPERATURE (C)..... 0

WATER ANALYSIS

PH..... 8.0

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3.....		LI... 0.2
B.....	0.06	F.....		NA... 66.
CL....	8.			
CO....		K.....	11.	

QUALIFICATION FIELD..... WATER TEMPERATURE "COLD".

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01212

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000854

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - GS-1 DRIED HOLE
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 04E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000
 OTHER LOCALITY INFORMATION: ON LOW TERRACES

COORDINATES
 LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/05/15 WHITE, DON E.
 TEMPERATURE (C)..... 47.0

WATER ANALYSIS

DATE/ANALYST..... 1953/12/22 KRAMER, HENRY

PH..... 6.1
 SPECIFIC CONDUCTANCE..... 3250.

ISOTOPES (0/00)

AG....		CO3.....	N	LI... 5.8		
AL....		CR.....		MG... N		
AU....		CU.....		MO... 627.	SI02.	88.
B.....	37.	F.....	2.0	NA... 0.25	S04..	112.
BA....		FE+3....				
CA....	18.	HCO3....	404.			
CD....		H2S.....	11.			

CL.... 817.
CO.... K..... 60.
OTHER ANALYTICAL DATA... FE203 + AL + FE +2 - 114 PPM, K/NA = 0.096, LI/NA = 0.0093

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF D. WHITE, USGS, MENLO PARK

RECORD 01213

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000856

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - CREEK

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17N 020E 04
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... VIRGINIA CITY 1:24000, RENO 1:250000
OTHER LOCALITY INFORMATION: CREEK TO THE EAST OF STEAMBOAT SPRINGS IN VIRGINIA RANGE

LAT/LONG... 39-22. N 119-45. W
UTM ZONE... +11
NORTHING... 4360866.
EASTING.... 263083.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/06/00 WHITE, D. E.
TEMPERATURE (C)..... 27.0

WATER ANALYSIS

DATE/ANALYST..... 1949/08/08 BRANNOCK, W. W.
PH..... 8.0
SPECIFIC CONDUCTANCE..... 816.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 31.
AU.... CU..... MO... SI02. 33.
B..... 0.03 F..... NA... 34.
BA.... FE+3..... NA+K. S04.. 253.
CA.... 117. HC03..... 270.
CL.... 4.6
CO.... K..... 0.9

OTHER ANALYTICAL DATA... S04/CL 55., K/NA 0.0265 FILTERED

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01214

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000859

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 21-W

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1924/00/00 ALLEN AND DAY
OTHER SAMPLE INFORMATION.. GIANELLA NOTES, LETTER TO DR. J. E. CHURCH, OCT. 28, 1928: ONLY 1 GEYSER TO ANY HEIGHT -
AT NW END OF THE SINTER COVERED AREA, NEAR THE END OF THE PRISM FISSURE. ON JULY 25, ERUPTED TO 30 FT. OR MORE

WATER ANALYSIS

DATE/ANALYST..... ALLEN, E. T.
 ALKALINITY..... 60. AS CAC03
 ANALYSIS IN PPM
 AG..... CO3..... 60.
 AL..... N CR..... MG... T
 AU..... CU..... MO...
 B..... 55. F..... 2. NA... 744.
 BA..... FE+3..... NA+K. S102. 343.
 BE..... FE(TOT). T S04.. 127.
 BI..... GA..... NH4.. 4.
 CA..... 6. HCO3..... 248.
 CL..... 978.
 CO..... K..... 77.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... S203 2 PPM, S NOT FOUND.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... ALLEN AND DAY, 1937, P. 173

RECORD 01215

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000863

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 50

LOCATION COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.

TEMPERATURE (C)..... 54.0

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT AND BRANNOCK

PH..... 6.2

ANALYSIS IN PPM

AG..... CO3..... LI... 7.1
 B..... 44. F..... NA... 614.
 BA..... FE+3..... NA+K. S04.. 127.
 CL..... 720.
 CO..... K..... 54.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... S04/CL 0.176

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01216

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000864

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 10

LOCATION COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33 NE

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.

TEMPERATURE (C)..... 54.0

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT AND BRANNOCK

PH..... 6.2

ANALYSIS IN PPM

AG..... CO3..... LI... 7.1
 B..... 44. F..... NA... 614.
 BA..... FE+3..... NA+K. S04.. 127.
 CL..... 720.
 CO..... K..... 54.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... S04/CL 0.176

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01216

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/04 WHITE, DON E.
 TEMPERATURE (C)..... 69.5

WATER ANALYSIS

DATE/ANALYST..... 1956/03/30 SCOTT, P. W.
 PH..... 7.4

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3..... N			
AL.....	CR.....	MG...	1.7	
BE.....	FE(TOT).....	NB...		SR... 0.2
CA..... 7.0	HCO3..... 289.			
CL..... 871.				

OTHER ANALYTICAL DATA... HCO3/CL .332

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01217

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000865

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 23

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 020E	33 NE	LAT/LONG...	39-23.	N 119-44.	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	WASHOE			NORTHING...	4362673.		
GEOLOGIC PROVINCE..				EASTING....	264575.		

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/01/30 WHITE, DON E.
 TEMPERATURE (C)..... 93.3
 OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED

WATER ANALYSIS

DATE/ANALYST..... 1946/04/19 BRANNOCK AND FAHEY
 PH..... 7.1

TOTAL DISSOLVED SOLIDS... 2503.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3..... N	LI...	5.	SB...	0.9
AL..... L 1.	CR.....	MG...	L 1.		
AS..... 3.0					
AU.....	CU.....	MO...		SI02.	338.
B..... 56.	F..... 2.4	NA...	707.	S04..	136.
BA..... N	FE+3.....	NA+K.			
BE.....	FE(TOT) L 0.1				
CA..... 6.5	HCO3..... 304.				
CL..... 937.					
CO.....	K..... 77.				

OTHER ANALYTICAL DATA... S203 15 PPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01218

GEOTHERM FILE ID: 0000866

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 2
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/04 WHITE, DON E.
 TEMPERATURE (C)..... 81.5

WATER ANALYSIS

DATE/ANALYST..... 1956/03/30 SCOTT, P. W. AND BRANNOCK, W. W.
 PH..... 7.1

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	1.2		
BE....	FE(TOT)..	NB...		SR...	0.7
CA.... 4.7	HCO3..... 292.				
CL.... 885.					

OTHER ANALYTICAL DATA... HCO3/CL .330

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01219

GEOTHERM FILE ID: 0000869

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 3
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.
 TEMPERATURE (C)..... 77.2

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT, P. W. AND BRANNOCK, W. W.
 ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3.....	LI...	7.9		
B.... 50.	F.....	NA...	674.		
BA....	FE+3....	NA+K.		S04..	134.
CL.... 914.					
CO....	K..... 71.				

OTHER ANALYTICAL DATA... S04/CL 0.147

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01220

GEOTHERM FILE ID: 0000872

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 5
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 32
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, D. E.

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT AND BRANNOCK

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	LI...	8.4		
B.....	51.	F.....	NA...	692.		
BA....		FE+3....	NA+K.		S04..	130.
CL....	944.					
CO....		K.....		71.		

OTHER ANALYTICAL DATA... S04/CL 0.138

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01221

GEOTHERM FILE ID: 0000875

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 8
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

WATER ANALYSIS

DATE/ANALYST..... 1885/00/00 MELVILLE

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	LI...	7.2	SB...	0.43
AL....	0.13	CR.....	MG...	0.28		
AS....	2.7	CS..... T			SI02.	311.
AU....		CU.....	MO...			
B.....	67.	F.....	NA...	682.	S04..	125.
BA....		FE+3....	NA+K.			
BE....		FE(TOT).		0.14		
CA....	6.8	HCO3....		246.		
CA+MG.		HG..... T				
CD....		H2S.....		0.5		
CL....	952.	I.....	RB...			T
CO....		K.....		103.		

OTHER ANALYTICAL DATA... S203 3.6PPM, P205 0.63PPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... BECKER ANAL., P. 347, 1888.

RECORD 01222

GEOTHERM FILE ID: 0000895

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - STEAMBOAT CREEK
LOCATION
COUNTRY... UNITED STATES TOWNSHIP-RANGE 17N 02E 04
STATE... NEVADA
COUNTY... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... VIRGINIA CITY 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-22. N 119-45. W
UTM ZONE... +11
NORTHING... 4360866.
EASTING... 263083.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1955/04/12 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1956/03/30 SCOTT, P. W.
PH..... 7.0
ANALYSIS IN PPM
B..... 9.9
BI..... GA..... NH4.. 1.7
CL..... 298.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01223

GEOTHERM FILE ID: 0000896

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - STEAMBOAT CREEK
LOCATION
COUNTRY... UNITED STATES TOWNSHIP-RANGE 19N 20E 14 NW
STATE... NEVADA
COUNTY... WASHOE
MAP REFERENCE..... VISTA 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-30.8 N 119-42.6 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/09/09 STEELE, O. D.
TEMPERATURE (C)..... 20.0

WATER ANALYSIS

PH..... 7.6
SPECIFIC CONDUCTANCE..... 397.
TOTAL DISSOLVED SOLIDS... 259.
ANALYSIS IN EPM
AL..... CR..... MG... 0.82
B..... 1.1 F..... NA... 1.7
CA..... 1.1 HCO3.... 2.8
CO..... K..... 0.18

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01224

GEOTHERM FILE ID: 0000898

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - STEAMBOAT CREEK
LOCATION
COUNTRY... UNITED STATES TOWNSHIP-RANGE
STATE... NEVADA
COUNTY... WASHOE
MAP REFERENCE.....

COORDINATES

COUNTRY..... UNITED STATES 17N 020E 04 NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... VIRGINIA CITY 1:24000, RENO 1:250000
 OTHER LOCALITY INFORMATION: HEAD OF STEAMBOAT VALLEY

LAT/LONG... 39-22. N 119-45. W
 UTM ZONE... +11
 NORTHING... 4360866.
 EASTING... 263083.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/08/12 WHITE, DON E.
 OTHER SAMPLE INFORMATION.. BELIEVED TYPICAL OF COLD METEORIC WATER ENTERING STEAMBOAT THERMAL SYSTEM.

WATER ANALYSIS

DATE/ANALYST..... 1947/12/16 BRANNOCK, W. W.
 PH..... 7.6
 SPECIFIC CONDUCTANCE..... 298.

ANALYSIS IN PPM

AG....	CO3..... L 0.1	LI... 0.2	SB... L 0.1
AL....	CR.....	MG... 12.	
AS.... L 0.1			
AU....	CU.....	MO... 48.	
B.... L 0.1	F..... 0.4	NA... 21.	SI02. 48.
BA....	FE+3....	NA+K. 5.5	S04.. 5.5
BI....	GA.....	NH4.. L 0.1	
CA.... 26.	HCO3.... 192.	NO3.. L 0.1	
CL.... 4.2			
CO....	K..... 6.4		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01225

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000899

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - STEAMBOAT COLD SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/04

WATER ANALYSIS

DATE/ANALYST..... 1954/12/13 KRAMER, HENRY
 PH..... 6.9

ANALYSIS IN PPM

AG....	CO3.....	LI... N	
AL....	CR.....	MG... 18.	
AU....	CU.....	MO... 65.	SI02. 65.
B.... 0.48	F.....	NA... 24.	S04.. 15.
BA....	FE+3....	NA+K.	
CA.... 45.	HCO3.... 250.		
CL.... 4.5			
CO....	K..... 5.9		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01226

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000902

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - GS-1
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 NW OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/29 WHITE, DON E.
 POINT OF COLLECTION.. WELL HEAD

WATER ANALYSIS

DATE/ANALYST..... 1964/06/10 POLZER, W. L.
 PH..... 8.0

ANALYSIS IN PPMISOTOPES (0/00)

AG....		CO3.....		LI... 5.8			
B.....	56.	F.....		NA... 666.			
BA....		FE+3....		NA+K.	S04..	128.	
CL....	862.						
CO....		K.....	58.				

OTHER ANALYTICAL DATA... B/CL = .0650

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01227

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000904

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - GS-2
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/05/16 WHITE, DON E.
 POINT OF COLLECTION.. ERUPTED SAMPLE

WATER ANALYSIS

DATE/ANALYST..... 1953/12/22 KRAMER, HENRY
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 3350.

ANALYSIS IN PPMISOTOPES (0/00)

AG....		CO3.....	94.	LI... 5.7			
AL....		CR.....		MG... N			
AU....		CU.....		MO... 110.	SI02.		
B.....	36.	F.....	1.0	NA... 6.6	S04..	132.	
BA....		FE+3....		NA+K.			
CA....	4.4	HCO3....	77.	NO3.. 0.54			
CD....		H2S.....	1.1				
CL....	871.						

CO.... K..... 73.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON E. WHITE, USGS, MENLO PARK

RECORD 01228

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000905

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - WELL NO. 2
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 20E 28 SE OF SE LAT/LONG... 36-23.4 N 119-44.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4030476.
 GEOLOGIC PROVINCE.. EASTING.... 254836.
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

POINT OF COLLECTION.. DRIP FROM END OF DISCHARGE PIPE BELOW STEAM JET OF 10" WELL NEAR RODEO WELL
 TEMPERATURE (C)..... 94.5
 WATER TREATMENT..... SOME SAMPLES IN SOLUTION WHEN ANALYZED, OTHERS ARE FIXED SAMPLES.
 OTHER SAMPLE INFORMATION.. SOME SAMPLES GRAVIMETRICALLY DETERMINED

WATER ANALYSIS

DATE/ANALYST..... 1960/06/10 WHITEHEAD, H. C. AND ROGERS, S. M.
 PH..... 8.5
 SPECIFIC CONDUCTANCE..... 3770.

ANALYSIS IN PPM

AG....		CO3.....	69.	LI...	9.0	SB...	0.2
AL....	0.19	CR.....		MG...	1.9		
AS....	3.5	CS.....		MN...	0.02		
AU....		CU.....	N	MO...		SI02.	353.
B.....	50.	F.....	2.8	NA...	763.		
BA....		FE+3....		NA+K.		S04..	120.
BE....		FE(TOT)..	N	NB...		SR...	1.1
BI....		GA.....		NH4..	N		
BR....	1.6						
CA....	6.7	HCO3....	226.	NO3..	0.6		
CA+MG.		HG.....		PB...	N		
CD....		H2S.....		P04..	2.4		
CL....	955.	I.....	0.8	RB...		ZN...	N
CO....		K.....	75.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01229

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000911

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - STEAMBOAT CREEK
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 20E 34 SW LAT/LONG... 39-22.7 N 119-43.7 W
 STATE..... NEVADA
 COUNTY..... WASHOE
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/29 PARKE, J.

DISCHARGE..... 5243. L/MIN
WATER ANALYSIS
 DATE/ANALYST..... 1964/06/10 SCHOEN, R.
 ANALYSIS IN PPM
 B..... 10.
 CL..... 166.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... B/CL = 0.0602 PPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01230

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000916

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = WELL GS-3
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 NE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4029736.
 EASTING... 254815.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/28 WHITE, DON E.
 POINT OF COLLECTION.. WELL HEAD

WATER ANALYSIS

DATE/ANALYST..... 1964/06/10 SCHOEN, R.
 PH..... 8.7
 ANALYSIS IN PPM
 AG..... CO3..... LI... 6.5
 B..... 63. F..... NA... 672.
 BA..... FE+3..... NA+K. 504.. 140.
 CL..... 878.
 CO..... K..... 72.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... B/CL = .0718

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01231

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000962

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SOUTH WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/08/12 WHITE, DON E.
 TEMPERATURE (C)..... 9.0

WATER ANALYSIS

DATE/ANALYST..... 1947/12/12 BRANNOCK, W. W.
 PH..... 9.0

SPECIFIC CONDUCTANCE..... 3174.
 TOTAL DISSOLVED SOLIDS... 182.

ANALYSIS IN PPM

AG.....	CO3.....	19.	LI...	0.2	SB...	N
AL.....	CR.....		MG...	0.4		
AS..... N						
AU.....	CU.....		MO...		SI02..	4.7
B..... 0.14	F.....	0.4	NA...	69.	S04..	2.3
BA.....	FE+3....		NA+K.			
BI.....	GA.....		NH4..	N		
CA..... 2.0	HCO3....	146.	NO3..	N		
CL..... 8.4						
CO.....	K.....	6.8				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... K/NA = 0.0985, S04/CL = 0.274

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01232

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 000963

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SOUTH WELL

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	18N 020E 33 NE
STATE.....	NEVADA		
COUNTY.....	WASHOE		
GEOLOGIC PROVINCE..			
MAP REFERENCE.....	STEAMBOAT 1:24000, RENO 1:250000		

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/12/02

WATER ANALYSIS

DATE/ANALYST..... 1954/08/06 KRAMER, HENRY
 SPECIFIC CONDUCTANCE..... 334.

ANALYSIS IN PPM

B..... 0.9	F.....	NA...	66.	S04..	14.
BA.....	FE+3....	NA+K.			
CL..... 7.0					
CO.....	K.....		7.0		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01233

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 000968

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - RENO WEST WELL

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	18N 020E 33 NE
STATE.....	NEVADA		
COUNTY.....	WASHOE		
GEOLOGIC PROVINCE..			
MAP REFERENCE.....	STEAMBOAT 1:24000, RENO 1:250000		

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

POINT OF COLLECTION.. RENO WEST WELL

WATER ANALYSIS

DATE/ANALYST..... 1957/09/20 ROBINSON, C. E.
 PH..... 8.6
 SPECIFIC CONDUCTANCE..... 3760.
 ALKALINITY..... 44. AS CAC03

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... C03..... 59.
 AL..... CR..... MG... 0.5
 CA..... 4.8 HCO3..... 208.
 CL..... 944.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01234

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000969

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - NEVADA ORE MINERALS WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 20E 28 NW OF SW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23.7 N 119-44.7 W
 UTM ZONE... +11
 NORTHING... 4363998.
 EASTING... 263609.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/27 WHITE, DON E.
 POINT OF COLLECTION.. WELL HEAD
 TEMPERATURE (C)..... Q 94.

WATER ANALYSIS

DATE/ANALYST..... 1964/06/10 SCHOEN, R.
 PH..... 9.0

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... C03..... LI... 6.9
 B..... 64. F..... NA... 736.
 BA..... FE+3..... NA+K. S04.. 130.
 CL..... 925.
 CO..... K..... 73.

OTHER ANALYTICAL DATA... B/CL .0692

QUALIFICATION FIELD..... TEMPERATURE MEASURED (7/78) BY KOENIG AND FLYNN AT WELLHEAD OF ERUPTING WELL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01235

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000970

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - GEYSER WELL NO. 32

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/08/11 WHITE, DON E.
 TEMPERATURE (C)..... G 95.
 OTHER SAMPLE INFORMATION.. NON-ERUPTING

WATER ANALYSIS

DATE/ANALYST..... 1947/12/16 BRANNOCK, W. W.
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 3330.
 TOTAL DISSOLVED SOLIDS... 2322.

ANALYSIS IN PPM

AG....		CO3..... N		LI... 7.3	SB... 0.3
AL....		CR.....		MG... 1.0	
AS.... 2.2					
AU....		CU.....		MO... 245.	
B.... 52.		F..... 2.2		NA... 667.	
BA....		FE+3....		NA+K. S04.. 122.	
BI....		GA.....		NH4.. N	
CA.... 15.		HCO3.... 340.		NO3.. N	
CL.... 885.					
CO....		K..... 63.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01236

GEOHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - GEYSER WELL NO. 32

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

GEOHERM FILE ID: 0000971

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/08/11 WHITE, DON E.
 TEMPERATURE (C)..... G 95.
 OTHER SAMPLE INFORMATION.. ERUPTING

WATER ANALYSIS

DATE/ANALYST..... 1947/12/16 BRANNOCK, W. W.
 PH..... 8.7
 SPECIFIC CONDUCTANCE..... 3810.
 TOTAL DISSOLVED SOLIDS... 2505.

ANALYSIS IN PPM

AG....		CO3..... 100.		LI... 8.0	SB... 0.4
AL....		CR.....		MG... 1.4	
AS.... 2.8					
AU....		CU.....		MO... 245.	
B.... 58.		F..... 2.5		NA... 728.	
BA....		FE+3....		NA+K. S04.. 128.	
BI....		GA.....		NH4.. N	
CA.... 11.		HCO3.... 143.		NO3.. N	
CL.... 986.					
CO....		K..... 66.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01237

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000972

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = GS-7
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP=RANGE
STATE..... NEVADA 18N 020E 33 NE
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/03 WHITE AND CRAIG
TEMPERATURE (C)..... 161.0

WATER ANALYSIS

ANALYSIS IN PPM

CONDENSATE ANALYSIS

PH..... 0.40

ANALYSIS IN PPM

B.... 0.2

CL... 2.

CO3..

NH4.. 0.54

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01238

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000973

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = GS-7
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP=RANGE
STATE..... NEVADA 18N 020E 33
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/05/22 WHITE, DON E.
POINT OF COLLECTION.. DRIED HOLE
TEMPERATURE (C)..... 161.0

WATER ANALYSIS

DATE/ANALYST..... 1953/12/22 KRAMER, H.

PH..... 6.5

SPECIFIC CONDUCTANCE..... 85.

ANALYSIS IN PPM

AG....

CO3..... N

LI... N

AL....

CR.....

MG... N

AU....

CU.....

MO... SI02. 14.

B..... 1.3

F..... N

NA... 9.3

BA....

FE+3....

NA+K. S04.. 24.

CA.... 6.0

HCO3.... 21.

NO3.. T

CD....

H2S..... 2.4

CL.... 0.5

ISOTOPES (0/00)

CO..... K..... 4.5
 REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01239

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000975

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = GS-5
 LOCATION TOWNSHIP=RANGE
 COUNTRY..... UNITED STATES 18N 040E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... WHITE, DON E.
 POINT OF COLLECTION.. TOP OF COLUMN
 TEMPERATURE (C)..... 52.0

WATER ANALYSIS

PH..... 6.2

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR..... MG... 3.8
 BE..... FE(TOT). NB... SR... 5.7
 CA..... 15. HCO3..... 336.
 CL..... 825.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... HCO3/CL = .407

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF D. WHITE, USGS, MENLO PARK

RECORD 01240

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000976

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = GS-5
 LOCATION TOWNSHIP=RANGE
 COUNTRY..... UNITED STATES
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... WHITE, DON E.
 TEMPERATURE (C)..... 97.0
 OTHER SAMPLE INFORMATION.. ERUPTING

WATER ANALYSIS

PH..... 7.7

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR..... MG... 2.2
 BE..... FE(TOT). NB... SR... 0.8
 CA..... 5.9 HCO3..... 331.
 CL..... 834.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... HCO3/CL = .397

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF D. WHITE, USGS, MENLO PARK

RECORD 01241

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000977

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = GS-5

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 NE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
 LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/29 WHITE, DON E.
 POINT OF COLLECTION.. WELL HEAD
 OTHER SAMPLE INFORMATION.. ERUPTED

WATER ANALYSIS

DATE/ANALYST..... 1964/06/10 SCHOEN, R.
 PH..... 7.8

ANALYSIS IN PPM

AG....		CO3.....	LI...	6.3			
B.....	60.	F.....	NA...	699.			
BA.....		FE+3....	NA+K.		S04..	130.	
CL.....	890.						
CO.....		K.....		69.			

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... B/CL = .0674

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF D. WHITE, USGS, MENLO PARK

RECORD 01242

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000978

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = GS-4

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 33 NE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
 LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/27 WHITE, DON E.
 POINT OF COLLECTION.. WELL HEAD
 OTHER SAMPLE INFORMATION.. ERUPTED

WATER ANALYSIS

DATE/ANALYST..... 1964/06/10 SCHOEN, R.
 PH..... 8.6

ANALYSIS IN PPM

AG....		CO3.....	LI...	5.9			
B.....	58.	F.....	NA...	676.			
BA.....		FE+3....	NA+K.		S04..	122.	
CL.....	855.						

ISOTOPES (0/00)

CO..... K..... 70.
 OTHER ANALYTICAL DATA... B/CL = .0678
REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF D. WHITE, USGS, MENLO PARK

RECORD 01243

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000979

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - NEVADA THERMAL WELL NO. 4

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 32
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... MT. ROSE NE 1:24000, RENO 1:250000

COORDINATES
 LAT/LONG... 39-23. N 119-45. W
 UTM ZONE... +11
 NORTHING... 4362716.
 EASTING... 263139.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/11/08 WHITE, DON E.
 POINT OF COLLECTION.. W. L. 215' AND DRILLED BOTTOM 520'
 WELL DEPTH (M)..... 159.

WATER ANALYSIS

DATE/ANALYST..... 1961/03/01 WHITEHEAD, H. C.
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1950.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... LI... 0.85
 B.... 3.0 F..... NA... 212.
 CL.... 45.
 CO..... K..... 111.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON E. WHITE, USGS, MENLO PARK

RECORD 01244

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000982

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 23-N

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
 LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
 TEMPERATURE (C)..... 96.1

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 3600.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... LI... SB... 0.2
 AS.... 2.7 F..... NA... 692.
 B.... 50.

BA..... FE+3..... NA+K. S04.. 119.
CL..... 914.
CO..... K..... 77.

OTHER ANALYTICAL DATA... K/NA 0.111, S04/CL 0.130

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01245

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000985

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 25

LOCATION COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33

COORDINATES

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING... 264575.

STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.
TEMPERATURE (C)..... 95.3

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT, P. W. AND BRANNOCK, W. W.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... LI... 7.6
B..... 4.3 F..... NA... 662.
BA..... FE+3..... NA+K. S04.. 121.
CL..... 890.
CO..... K..... 65.

OTHER ANALYTICAL DATA... S04/CL 0.130

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01246

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000987

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 26

LOCATION COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33

COORDINATES

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING... 264575.

STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/01/30 WHITE, DON E.
TEMPERATURE (C)..... 93.1

OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED

WATER ANALYSIS

DATE/ANALYST..... 1946/04/19 BRANNOCK AND FAHEY

PH..... 7.8
TOTAL DISSOLVED SOLIDS... 2337.

ISOTOPES (0/00)

ANALYSIS IN PPM
AG..... CO3..... 62. LI... 5. SB... 0.6

AL.....	L 1.	CR.....	MG...	1.		
AS.....	2.8					
AU.....		CU.....	MO...		SI02.	274.
B.....		F.....	NA...	680.		
BA.....	N	FE+3.....	NA+K.		S04..	115.
BE.....		FE(TOT).	L 0.1			
BI.....		GA.....	NH4..	L 1.		
CA.....	3.2	HCO3.....	198.			
CA+MG.		HG.....	L 0.01			
CD.....		H2S.....	2.			
CL.....	890.					
CO.....		K.....	68.			

OTHER ANALYTICAL DATA... S203 6 PPM, K/NA 0.100, S04/CL 0.1293

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01247

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000988

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 27

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/01/14 WHITE, DON E.
 TEMPERATURE (C)..... 93.8

WATER ANALYSIS

DATE/ANALYST..... 1956/03/30 SCOTT, P. W.
 PH..... 8.4

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	LI...	7.9		
AL.....	319.				
AU.....		CU.....	MO...	SI02.	116.
B.....	31.	F.....	NA...	685.	
BE.....		FE(TOT).	9.		
CL.....	910.				
CO.....		K.....	74.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 01248

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000990

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 32

LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.
TEMPERATURE (C)..... 94.3

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT, P. W. AND BRANNOCK, W. W.
PH..... 7.2

ANALYSIS IN PPM

AG.....		CO3.....		LI...	7.5		
B.....	48.	F.....		NA...	665.		
BA.....		FE+3.....		NA+K.		S04..	116.
CL.....	904.						
CO.....		K.....	63.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... S04/CL 0.128

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01249

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000993

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 33

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.
TEMPERATURE (C)..... 51.7

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT, P. W. AND BRANNOCK, W. W.
PH..... 7.2

ANALYSIS IN PPM

AG.....		CO3.....		LI...	6.1		
B.....	38.	F.....		NA...	574.		
BA.....		FE+3.....		NA+K.		S04..	107.
CL.....	672.						
CO.....		K.....	45.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... S04/CL 0.159

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01250

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000999

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 21

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/01/30 WHITE, DON E.
 TEMPERATURE (C)..... 83.7

WATER ANALYSIS

DATE/ANALYST..... 1942/04/19 BRANNOCK AND FAHEY
 PH..... 6.3

ANALYSIS IN PPM

AG.....		CO3..... N	LI... 5.	SB... 0.2
AL.... L 1.		CR.....	MG... 1.	
AS.... 2.3				
AU.....		CU.....	MO... 695.	SI02. 262.
B..... 55.		F..... 2.1	NA... 695.	S04.. 156.
BA.... N		FE+3.....	NA+K.	
BE.....		FE(TOT). L 0.1		
BI.....		GA.....	NH4.. L 1.	
CA.... 8.7		HCO3..... 276.		
CA+MG.		HG..... L 0.01		
CL.... 921.				
CO....		K..... 74.		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... S203 14 PPM., K/NA 0.1065, S04/CL 0.1695

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01251

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001005

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 10

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.
 TEMPERATURE (C)..... 75.8

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT, P. W. AND BRANNOCK, W. W.

ANALYSIS IN PPM

AG.....		CO3.....	LI... 7.5	
B..... 47.		F.....	NA... 637.	
BA....		FE+3.....	NA+K.	S04.. 146.
CL.... 860.				
CO....		K..... 68.		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... S04/CL 0.170

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01252

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001006

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 12

COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1948/06/17 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1950/04/26 BRANNOCK, W. W.
PH..... 2.6
SPECIFIC CONDUCTANCE..... 1570.

ANALYSIS IN PPM

AG....		CO3.....		LI... N		SB... N	
AL....	4.9	CR.....		MG... 6.4			
AS....	N						
AU....		CU.....		MO... 30.	SI02.	192.	
B....	2.8	F.....	0.1	NA... 30.	S04..	267.	
BA....		FE+3....		NA+K.			
BE....		FE(TOT).	6.0				
CA....	19.						
CL....	36.						
CO....		K.....	4.0				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... H 4.8 PPM, S04/CL 7.42, K/NA 0.133

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01255

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0001010

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 14

LOCATION TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 18N 020E 33
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/01/05 WHITE, DON E.
TEMPERATURE (C)..... 83.0

WATER ANALYSIS

DATE/ANALYST..... 1950/04/26 BRANNOCK, W. W.
PH..... 6.5
SPECIFIC CONDUCTANCE..... 3310.

ANALYSIS IN PPM

AG....		CO3..... N		LI... 7.7			
AL....		CR.....		MG... N			
AU....		CU.....		MO... 644.	SI02.	105.	
B....	47.	F.....	1.9	NA... 644.	SR... 7.2		
BE....		FE(TOT).		NB...			
CA....	11.	HCO3....	225.				
CD....		H2S.....	0.13				
CL....	844.						
CO....		K.....	73.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... K/NA 0.1134

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01256

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001011

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 16

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33

LAT/LONG... 39-23. N 119-44. W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... WASHOE

NORTHING... 4362673.

GEOLOGIC PROVINCE..

EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/09/04 WHITE, DON E.

TEMPERATURE (C)..... 94.0

WATER ANALYSIS

DATE/ANALYST..... 1956/03/30 SCOTT, P. W.

PH..... 7.3

ANALYSIS IN PPMISOTOPES (0/00)

AG.... CO3..... N

AL.... CR..... MG... 1.1

BE.... FE(TOT)... NB... SR... 0.7

CA.... 3.8 HCO3.... 287.

CL.... 889.

OTHER ANALYTICAL DATA... HCO3/CL .323

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 01257

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001013

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 16

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33

LAT/LONG... 39-23. N 119-44. W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... WASHOE

NORTHING... 4362673.

GEOLOGIC PROVINCE..

EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.

TEMPERATURE (C)..... 94.0

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT, P. W. AND BRANNOCK, W. W.

ANALYSIS IN PPMISOTOPES (0/00)

AG.... CO3..... LI... 7.5

B.... 49. F..... NA... 650.

BA.... FE+3.... NA+K. S04.. 137.

CL.... 888. K..... 69.

CO....

OTHER ANALYTICAL DATA... S04/CL 0.154

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01258

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001015

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 17

LOCATION TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 18N 020E 33

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/01/30 WHITE, DON E.

TEMPERATURE (C)..... 94.5

OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED

WATER ANALYSIS

DATE/ANALYST..... 1946/04/19 BRANNOCK AND FAHEY

PH..... 7.5

TOTAL DISSOLVED SOLIDS... 2442.

ANALYSIS IN PPM

AG.....	CO3..... N	LI... 5.	SB... 1.4
AL.... L 1.	CR.....	MG... 1.	
AS.... 2.1			
AU.....	CU.....	MO... 319.	
B.....	F..... 2.3	NA... 692.	
BA.... N			
BE.....	FE(TOT), N		
BI.....	GA.....	NH4.. L 1.	
CA.... 5.2	HCO3.... 282.		
CA+MG.	HG..... L 0.01		
CL.... 918.			
CO.....	K..... 74.		

OTHER ANALYTICAL DATA... S203 16 PPM

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01259

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001022

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 8

LOCATION TOWNSHIP-RANGE

COUNTRY..... UNITED STATES 18N 020E 33

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/08/08 WHITE, DON E.

TEMPERATURE (C)..... 89.2

OTHER SAMPLE INFORMATION.. SPRING NEAR CENTER OF HOTTEST AREA. STEAM AND GASES LOST BY BOILING, THUS RELATIVELY HIGH

PH.

WATER ANALYSIS

DATE/ANALYST..... 1949/11/10 BRANNOCK, W. W.

COORDINATES

LAT/LONG... 39-23. N 119-44. W

UTM ZONE... +11

NORTHING... 4362673.

EASTING... 264575.

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 3210.
 TOTAL DISSOLVED SOLIDS... 2169.

ANALYSIS IN PPM

AG....	CO3..... N	LI... 7.6	SB... 0.4
AL....	CR.....	MG... 0.8	
AS.... 2.7			
AU....	CU.....	MO... 293.	
B..... 49.	F..... 1.8	NA... 653.	
BA....	FE+3....	NA+K. 100.	
BI....	GA.....	NH4.. L 1.	
BR.... 0.2			
CA.... 5.0	HCO3..... 305.		
CA+MG.	HG..... N		
CD....	H2S..... 4.7		
CL.... 865.			
CO....	K..... 71.		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... B = 6.30% OF EQ.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 01260

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001028

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - NEVADA THERMAL NO. 4

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 32
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/09/26 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1961/03/16 WHITEH AD, H. C.
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 4990.

ANALYSIS IN PPM

AG....	CO3.....	LI... 10.
B..... 69.	F.....	NA... 1040.
CL.... 1310.		
CO....	K..... 89.	

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01261

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000605

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 8

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA

COORDINATES

LAT/LONG... 39-23. N 119-45.00 W
 UTM ZONE... +11

COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1949/08/09 WHITE, DON E.
 TEMPERATURE (C)..... 89.2

NORTHING... 4362716.
 EASTING.... 263139.

WATER ANALYSIS
 DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
 PH..... 7.9
 SPECIFIC CONDUCTANCE..... 3210.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... LI... SB... 0.4
 AS.... 2.7
 B.... 49. F..... NA... 653.
 BA.... FE+3.... NA+K. S04.. 100.
 CL.... 865.
 CO.... K..... 71. S.... 4.4

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01262

GEOITHERM SAMPLE FILE

GEOOTHERM FILE ID: 0000855

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - NEVADA THERMAL NO. 4
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 20E 32 NE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23.6 N 119-45.8 W
 UTM ZONE... +11
 NORTHING... 4363861.
 EASTING.... 262024.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/09/26 WHITE, D. E. AND SIGVELDASON, G.
 POINT OF COLLECTION.. LEAKED FROM PRESSURE GUAGE DURING ERUPTION
 TEMPERATURE (C)..... Q 186.
 WELL DEPTH (M)..... 227.
 DISCHARGE..... 757. L/MIN
 WATER TREATMENT..... SOME SAMPLES FIXED IN FIELD WITH H2S04. POSSIBLY 10% CONC. BY EVAPORATION

WATER ANALYSIS

DATE/ANALYST..... 1960/11/02 H. C. WHITEHEAD
 PH..... 8.2
 SPECIFIC CONDUCTANCE..... 3430.
 ALKALINITY..... 9.0 AS CaCO3
 TOTAL DISSOLVED SOLIDS... 2360.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG.... CO3..... N LI... 7.0
 AL.... 0.22 CR..... MG... N
 AS.... 4.0 CS..... 2.3 MN... N
 AU.... CU..... MO... SI02. 314.
 B.... 48. F..... 2.6 NA... 660.
 BA.... FE+3.... NA+K. S04.. 108.
 BE.... FE(TOT). 0.52 NB... SR... 0.67
 BI.... GA..... NH4.. N
 BR.... 1.5
 CA.... 3.6 HC03.... 312. NO3.. 2.7
 CD.... H2S..... 8.9 PO4.. 0.24

CL.... 874. I..... 0.6 RB... 1.1
 CO.... K..... 65.
 QUALIFICATION FIELD..... TEMPERATURE IS BOTTOM HOLE.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01263

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000861

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 50
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DISCHARGE..... 1.3 L/MIN

WATER ANALYSIS

PH..... 6.3
 SPECIFIC CONDUCTANCE..... 3280.
 TOTAL DISSOLVED SOLIDS... 2170.

ISOTOPES (0/00)

ANALYSIS IN PPM

AL....	CR.....	MG... 1.9			
AU....	CU.....		SI02.	218.	
B.....	F..... 2.2	NA... 649.	S04..	137.	
BA....	FE+3....	NA+K.			
BE....	FE(TOT). 0.05				
CA.... 17.	HCO3.... 330.	NO3.. 1.4			
CL.... 820.					
CO....	K..... 46.				

QUALIFICATION FIELD..... OTHER U VALUE = 0.5 PPB.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... ABERDEEN, ET AL., 1-52, TABLE 5, P. 41-42, TEMR 281.

RECORD 01264

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000862

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 50
LOCATION TOWNSHIP-RANGE
 COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/08/09 WHITE, DON E.
 TEMPERATURE (C)..... 60.0

OTHER SAMPLE INFORMATION.. SPRING ON BORDER OF SYSTEM THAT HAS COOLED ENOUGH ON WAY UP SO ALL GASES RETAINED IN SOLUTION, THUS RELATIVELY LOW PH.

WATER ANALYSIS

DATE/ANALYST..... 1949/11/10 BRANNOCK, W. W.

PH..... 6.1
SPECIFIC CONDUCTANCE..... 3150.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N		LI... 7.1	SB... 0.3
AL....		CR.....		MG... 1.0	
AS.... 1.7					
AU....		CU.....		MO... 637.	SI02. 220.
B..... 48.		F..... 1.9		NA... 637.	S04.. 107.
BA....		FE+3....		NA+K.	
BI....		GA.....		NH4.. L 1.	
BR.... 0.1					
CA.... 16.		HCO3.... 314.			
CA+MG.		HG..... N			
CL.... 824.		I..... 0.1			
CO....		K..... 61.		S.... 27.1	

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01265

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000867

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 2
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP=RANGE 18N 020E 33 NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
TEMPERATURE (C)..... 76.5

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
PH..... 6.4
SPECIFIC CONDUCTANCE..... 3470.

ISOTOPES (0/00)

AG....		CO3.....		LI... 659.	SB... N
AS.... 2.4					
B..... 44.		F.....		NA... 659.	S04.. 129.
BA....		FE+3....		NA+K.	
CL.... 864.					
CO....		K..... 73.		S.... 8.1	

OTHER ANALYTICAL DATA... K/NA = 0.111, S04/CL = 0.1495.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01266

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000868

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 2
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP=RANGE 18N 020E 33 NE

COORDINATES

LAT/LONG... 39-23. N 119-44. W

STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

UTM_ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.
 TEMPERATURE (C)..... 89.0

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT, P. W. AND BRANNOCK, W. W.

ANALYSIS IN PPM

AG....		CO3.....	LI...	7.9		
B.....	50.	F.....	NA...	663.		
BA.....		FE+3.....	NA+K.		S04..	136.
CL.....	906.					
CO.....		K.....		69.		

ISOTOPES (0/00)REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01267

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000870

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 3

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
 UTM_ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
 TEMPERATURE (C)..... 71.0

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 SCOTT, P. W. AND BRANNOCK, W. W.

PH..... 6.1
 SPECIFIC CONDUCTANCE..... 3550.

ANALYSIS IN PPM

AG....		CO3.....	LI...	75.	SB... N	
AS....	2.5		NA...	671.		
B.....	45.	F.....	NA+K.		S04..	125.
BA.....		FE+3.....				
CL.....	878.		S....	4.8		
CO.....		K.....				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... K/NA = 0.112, S04/CL = 0.1425.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01268

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000871

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 4

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 18N 020E 33 NE

LAT/LONG... 39-23. N 119-44. W

STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

UTM_ZONE... +11
NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
TEMPERATURE (C)..... 66.0

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
PH..... 6.5
SPECIFIC CONDUCTANCE..... 3590.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... LI... SB... N
AS.... 2.5
B.... 45. F..... NA... 691.
BA.... FE+3..... NA+K. S04.. 152.
CL.... 894.
CO.... K..... 57. S.... 2.7

OTHER ANALYTICAL DATA... K/NA = 0.0825, S04/CL = 0.1702.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 01269

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000873

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 5

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 02E 33 NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
UTM_ZONE... +11
NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
TEMPERATURE (C)..... 96.2

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
PH..... 7.6
SPECIFIC CONDUCTANCE..... 3690.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... LI... SB... 0.1
AS.... 2.9
B.... 46. F..... NA... 699.
BA.... FE+3..... NA+K. S04.. 113.
CL.... 920.
CO.... K..... 81. S.... 3.7

OTHER ANALYTICAL DATA... K/NA = 0.116, S04/CL = 0.1228.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01270

GEO THERM FILE ID: 0000874

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 7
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 32
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
 PH..... 7.2
 SPECIFIC CONDUCTANCE..... 3570.

ANALYSIS IN PPM

AG.....		CO3.....		LI...		SB...	0.2
AS.....	2.8						
B.....	50.	F.....		NA...	681.		
BA.....		FE+3.....		NA+K.		S04..	121.
CL.....	898.						
CO.....		K.....	64.	S....	3.3		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... K/NA = 0.094, SO4/CL = 0.1340.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01271

GEO THERM FILE ID: 0000897

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - STEAMBOAT CREEK
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 17N 20E 05 SW OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... WASHOE CITY 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-21.8 N 119-45.5 W
 UTM ZONE... +11
 NORTHING... 4360518.
 EASTING... 262353.

OTHER LOCALITY INFORMATION: AT NARROWS BETWEEN PLEASANT AND STEAMBOAT VALLEY

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/01/27 COHEN, P.
 TEMPERATURE (C)..... Q
 DISCHARGE..... G 13. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1958/05/19 SCHUCH, J. P.
 PH..... 8.0
 SPECIFIC CONDUCTANCE..... 242.
 ALKALINITY..... 88. AS CAC03
 TOTAL DISSOLVED SOLIDS... 186.

ANALYSIS IN PPM

AG.....		CO3.....	N	LI...	N		
AL.....	0.03	CR.....		MG...	9.2		
AS.....		CS.....		MN...	N		
AU.....		CU.....		MO...		SI02.	50.

ISOTOPES (0/00)

B..... 0.02 F..... 0.3 NA... 17.
 BA..... FE+3..... NA+K. S04.. 5.8
 BE..... FE(TOT). 0.12
 BI..... GA..... NH4.. L 1.
 CA..... 20. HCO3..... 154. NO3.. 0.8
 CL..... 2.3
 CO..... K..... 4.4

QUALIFICATION FIELD..... WATER TEMPERATURE REPORTED AS "COLD".

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE DON WHITE, USGS, MENLO PARK

RECORD 01272

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000900

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - STEAMBOAT CREEK

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17N 020E 04
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

LAT/LONG... 39-22. N 119-45. W
 UTM ZONE... +11
 NORTHING... 4360866.
 EASTING.... 263083.

MAP REFERENCE..... VIRGINIA CITY 1:24000, RENO 1:250000
 OTHER LOCALITY INFORMATION: STEAMBOAT REGION, STEAMBOAT CREEK AT UPPER END OF STEAMBOAT VALLEY

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/06/00 WHITE, DON E.
 TEMPERATURE (C)..... 23.0

WATER ANALYSIS

DATE/ANALYST..... 1949/08/08 BRANNOCK, W. W.
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 19.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR..... MG... 6.9
 AU..... CU..... MO...
 B..... 0.03 F..... NA... 13. SI02. 33.
 BA..... FE+3..... NA+K. S04.. 4.9
 CA..... 17. HCO3..... 116.
 CL..... 1.8
 CO..... K..... 3.8

OTHER ANALYTICAL DATA... S04/CL = 2.7, K/NA = 0.292.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01273

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000901

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - GS-3

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1952/05/15 WHITE, DON E.
 TEMPERATURE (C)..... 74.5

WATER ANALYSIS

DATE/ANALYST..... 1953/12/22 KRAMER, HENRY
 PH..... 6.6
 SPECIFIC CONDUCTANCE..... 3280.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		C03..... N		LI...	5.8		
AL....		CR.....		MG...	1.3		
AU....		CU.....		MO...		SI02.	128.
B.....	36.	F.....	2.0	NA...	620.		
BA....		FE+3....		NA+K.		S04..	114.
CA....	12.	HCO3....	398.	N03..	1.2		
CD....		H2S.....	80.				
CL....	791.						
CO....		K.....	65.				

OTHER ANALYTICAL DATA... FE+2 + AL = 25 PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01274

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000903

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = NEVADA THERMAL POWER NO. 1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 20E	28 SW OF SE	LAT/LONG...	39-23.4	N	119-44.6	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	WASHOE			NORTHING...	4363439.			
GEOLOGIC PROVINCE..				EASTING....	263736.			

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

OTHER LOCALITY INFORMATION: MAGMA POWER CO, WELL

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/10/19 FETH, J. H.
 POINT OF COLLECTION.. AT VENT, 75 YDS. E. OF US 395, IN MEADOW E. OF HOT SPRING TERRACE
 TEMPERATURE (C)..... 97.0
 WELL DEPTH (M)..... 305.
 DISCHARGE..... 19. L/MIN
 OTHER SAMPLE INFORMATION.. MAGMA POWER CO. WELL DRILLED, CAVED, REDRILLED SUMMER AND FALL, 1959.

WATER ANALYSIS

DATE/ANALYST..... 1960/04/04 ROGERS, S. M.
 PH..... 8.4
 SPECIFIC CONDUCTANCE..... 3560.
 ALKALINITY..... 16. AS CAC03
 TOTAL DISSOLVED SOLIDS... 2360.

ISOTOPES (0/00)

AG....		C03.....	24.	LI...	6.4		
AL....	0.21	CR.....		MG...	2.0		
AU....		CU.....		MO...		SI02.	219.
B.....		F.....	2.6	NA...	703.		
BA....		FE+3....		NA+K.		S04..	112.
BE....		FE(TOT)..	0.05				
BI....		GA.....		NH4..	T		
CA....	3.2	HCO3....	358.	N03..	2.1		

CL.... 870.
 CO.... K..... 39.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01275

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000906

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - WELL NO. 2
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/08/04 WHITE, DON E.
 TEMPERATURE (C)..... 91.5
 OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED

WATER ANALYSIS

DATE/ANALYST..... 1946/01/10 BRANNOCK, W. W.
 PH..... 8.6
 TOTAL DISSOLVED SOLIDS... 2047.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3.....	104.	LI... 5.8	SB... 0.14
AL.... L 1.	CR.....		MG... L 1.	
AS.... 0.4	CS.....		MN... SE... N	
AU....	CU.....		MO... SI02. 222.	
B.... 48.	F..... 1.8		NA... 605.	
BA.... N	FE+3.....		NA+K. S04.. 105.	
BE....	FE(TOT). L 0.1			
BI....	GA.....		NH4.. L 1.	
CA.... 3.9	HCO3..... 191.		NO3.. N	
CA+MG.	HG..... L 0.01			
CL.... 747.				
CO....	K..... 56.			

OTHER ANALYTICAL DATA... K/NA = 0.0925, S04/CL = 0.1407.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01276

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000913

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SMALL GEYSER
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1924/00/00

WATER ANALYSIS

DATE/ANALYST..... ALLEN, E. T.
PH..... 7.9
TOTAL DISSOLVED SOLIDS... 2741.

ANALYSIS IN PPM

AG..... CO3..... N
AL..... N CR..... MG... T
AS..... 4.9
AU..... CU..... MO... SI02. 271.
B..... 55. F..... 1. NA... 741.
BA..... FE+3..... NA+K. S04.. 138.
BE..... FE(TOT). T
BI..... GA..... NH4.. 6.
CA..... 6. HCO3..... 365.
CL..... 922.
CO..... K..... 91. S.... 1.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... S203 = 6 PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... ALLEN AND DAY, 1937, P. 173.

RECORD 01277

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000937

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 9
LOCATION TOWNSHIP=RANGE
COUNTRY..... UNITED STATES 18N 020E 33 NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
PH..... 6.3
SPECIFIC CONDUCTANCE..... 3380.

ANALYSIS IN PPM

AG..... CO3..... LI... SB... N
AS..... 2.6
B..... 47. F..... NA... 635.
BA..... FE+3..... NA+K. S04.. 131.
CL..... 846.
CO..... K..... 71. S.... Q 6.8

ISOTOPES (0/00)

QUALIFICATION FIELD..... S VALUE PROBABLY INCLUDES SOME NATIVE SULFUR.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 01278

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000964

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SOUTH WELL
LOCATION TOWNSHIP=RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 32
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... Q
OTHER SAMPLE INFORMATION.. WATER TEMP. WARM.

WATER ANALYSIS

PH..... 7.3

ANALYSIS IN PPM

AG.... CO3..... LI... 0.2
B..... 0.12 F..... NA... 66.
CL.... 7.
CO.... K..... 8.2

ISOTOPES (0/00)

QUALIFICATION FIELD..... TEMPERATURE REPORTED AS "WARM".

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01279

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0000965

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SENGES WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33 NE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/01/05 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1950/04/26 BRANNOCK, W. W.

PH..... 7.6
SPECIFIC CONDUCTANCE..... 3150.
TOTAL DISSOLVED SOLIDS... 2226.

ANALYSIS IN PPM

AG.... CO3..... N LI... 7.6 SB... 0.2
AL.... CR..... MG... L 1.
AS.... 2.6
AU.... CU..... MO... SI02. 299.
B..... 46. F..... 2.1 NA... 640.
BA.... FE+3..... NA+K. S04.. 94.
BR.... 0.4
CA.... 11. HCO3.... 337.
CL.... 836. I..... 0.2
CO.... K..... 64. S.... 5.0

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01280

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000966

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = RODEO WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 20E 28 SE OF SW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
 LAT/LONG... 36-23.4 N 119-44.4 W
 UTM ZONE... +11
 NORTHING... 4030493.
 EASTING... 254238.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/04/27 WHITE, DON E.
 POINT OF COLLECTION.. WELL HEAD
 OTHER SAMPLE INFORMATION.. ERUPTED

WATER ANALYSIS

DATE/ANALYST..... 1964/06/10 SCHOEN, R.
 PH..... 8.9

ANALYSIS IN PPM

AG....	CO3.....	LI...	6.3		
B..... 57.	F.....	NA...	704.		
BA....	FE+3....	NA+K.		S04..	130.
CL.... 852.					
CO....	K..... 73.				

ISOTOPES (0/00)

QUALIFICATION FIELD..... OTHER B VALUE = 62. PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01281

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000967

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = RENO WEST WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33 NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000
 OTHER LOCALITY INFORMATION: FROM 2ND TANK, N. END OF SPRING SYSTEM

COORDINATES
 LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1957/05/22 WHITE, DON E.
 POINT OF COLLECTION.. RENO WEST WELL
 WELL DEPTH (M)..... 58.
 PERTINENT LITHOLOGY..... IN ALTERED ALLUVIUM ON GRANODIORITE.
 OTHER SAMPLE INFORMATION.. ERUPTED FROM 190' DEPTH.

WATER ANALYSIS

DATE/ANALYST..... 1958/05/28 WHITEHEAD, H. C.
 PH..... 8.6

SPECIFIC CONDUCTANCE..... 3760.

ALKALINITY..... 14. AS CaCO3

ANALYSIS IN PPM

AG....	CO3..... 59.	LI...	8.3		
AL....	CR.....	MG...	0.5		
AU....	CU.....	MO...		SI02.	125.

ISOTOPES (0/00)

B..... 58. F..... NA... 738.
 BA..... FE+3..... NA+K. S04.. 140.
 CA..... 4.8 HC03..... 208.
 CL..... 944.
 CO..... K..... 72.

OTHER ANALYTICAL DATA... B/CL = .0614

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01282

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000981

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 24

LOCATION COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 32

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1954/03/08 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1955/01/15 KRAMER, HENRY

SPECIFIC CONDUCTANCE..... 3580.

ANALYSIS IN PPM

AG..... C03..... LI... 7.2

B..... 43. F..... NA... 655.

BA..... FE+3..... NA+K. S04.. 169.

CA..... HC03..... N03.. N

CL..... 902.

CO..... K..... 71.

QUALIFICATION FIELD..... ALMOND MEASURED 200 PPM S04 AND 50 PPM B.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01283

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000983

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 24?

LOCATION COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 32

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

OTHER LOCALITY INFORMATION: JAMES AND GIANELLA NOTES, 100 YDS. NORTH OF OLD POWER LINE.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1913/00/00 JAMES, J. C.

TEMPERATURE (C)..... 0

OTHER SAMPLE INFORMATION.. JAMES NOTES: DEPOSITION IN OVERFLOW, RED MATERIAL PROBABLY META-STIBNITE.

WATER ANALYSIS

DATE/ANALYST..... 1913/00/00 CULLEN, U.S. BUREAU OF SOILS

ANALYSIS IN PPM ISOTOPES (0/00)

AG....	C03.....	53.	LI...	11.	SB...	2.
AL.... T	CR.....		MG...	1.		
AS.... 5.						
AU....	CU.....		MO...		SI02.	335.
B..... 63.	F.....		NA...	753.		
BA....	FE+3....		NA+K.		S04..	136.
BE....	FE(TOT). T					
CA.... 11.	HC03.... N					
CA+MG.	HG..... T					
CD....	H2S.....		P04..	0.2		
CL.... 1009.						
CO....	K.....	78.				

QUALIFICATION FIELD..... JAMES NOTES: TEMPERATURE 93 DEG N END, 91 DEG S END.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01284

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000984

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 24

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1953/05/11 WHITE, DON E.
 TEMPERATURE (C)..... 95.1

WATER ANALYSIS

DATE/ANALYST..... 1954/08/04 SCOTT, P. W. AND BRANNOCK, W. W.
 PH..... 7.5

ANALYSIS IN PPM ISOTOPES (0/00)

AG....	C03.....		LI...	8.1		
B..... 51.	F.....		NA...	680.		
BA....	FE+3....		NA+K.		S04..	136.
CL.... 936.						
CO....	K.....	75.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 01285

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000986

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 25

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
 TEMPERATURE (C)..... 85.6

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 3570.

ANALYSIS IN PPM

AG.....		CO3.....		LI...		SB...	0.3	<u>ISOTOPES (0/00)</u>
AS.....	2.5							
B.....	49.	F.....		NA...	671.			
BA.....		FE+3.....		NA+K.		S04..	106.	
CL.....	876.							
CO.....		K.....	68.	S.....	3.9			

OTHER ANALYTICAL DATA... K/NA = 0.1013, S04/CL = 0.121.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01286

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000989

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 27

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 02E	33	LAT/LONG...	39-23.	N 119-44.	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	WASHOE			NORTHING...	4362673.		
GEOLOGIC PROVINCE..				EASTING....	264575.		
MAP REFERENCE.....	STEAMBOAT 1:24000, RENO 1:250000						

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/07/30 WHITE, DON E.
 TEMPERATURE (C)..... 95.5
 OTHER SAMPLE INFORMATION.. SLIGHTLY TURBID WHEN COLLECTED.

WATER ANALYSIS

DATE/ANALYST..... 1946/01/10 BRANNOCK, W. W.
 PH..... 8.2
 TOTAL DISSOLVED SOLIDS... 2508.

ANALYSIS IN PPM

AG.....		CO3.....	20.	LI...	6.6	SB...	0.4	<u>ISOTOPES (0/00)</u>
AL.....	L 1.	CR.....		MG...	L 1.			
AS.....	1.3	CS.....		MN...		SE...	N	
AU.....		CU.....		MO...		SI02.	317.	
B.....	60.	F.....	2.2	NA...	707.			
BA.....	N	FE+3.....		NA+K.		S04..	129.	
BE.....		FE(TOT). L	0.1					
BI.....		GA.....		NH4..	L 1.			
CA.....	12.	HCO3.....	292.	NO3..	N			
CA+MG.		HG.....	L 0.01					
CL.....	949.							
CO.....		K.....	75.					

OTHER ANALYTICAL DATA... K/NA = 0.106, S04/CL = 0.136.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK. BRANNOCK, FIX, GIANELLA, AND WHITE, 1948: AGU

TRANS 29 211-226 ANAL P. 221

RECORD 01287

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000991

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 32

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 32

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.

PH..... 7.6

SPECIFIC CONDUCTANCE..... 3490.

ANALYSIS IN PPM

AG....		CO3.....	LI...	SB...	0.5
AS....	2.7				
B.....	49.	F.....	NA... 672.	S04..	106.
BA....		FE+3....	NA+K.		
CL....	892.				
CO....		K..... 68.	S.... 1.4		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... K/NA = 0.101, SO4/CL = 0.119.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01288

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000992

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 33

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/07/30 WHITE, DON E.

TEMPERATURE (C)..... 57.0

OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED.

WATER ANALYSIS

DATE/ANALYST..... 1946/01/10 BRANNOCK, W. W.

PH..... 7.7

TOTAL DISSOLVED SOLIDS... 2085.

ANALYSIS IN PPM

AG....		CO3..... N	LI... 5.6	SB... 0.1
AL....	L 1.	CR.....	MG... 2.	
AS....	0.4	CS.....	MN... N	
AU....		CU.....	MO... N	
B.....	49.	F..... 1.6	NA... 602.	SI02. 205.
BA....	N	FE+3....	NA+K.	S04.. 106.

ISOTOPES (0/00)

BE..... FE(TOT). L 0.1
 BI..... GA..... NH4.. L 1.
 CA..... 23. HCO3..... 419. NO3.. N
 CA+MG. HG..... L 0.01
 CL..... 752.
 CO..... K..... 54.

OTHER ANALYTICAL DATA... K/NA = 0.0897, SO4/CL = 0.141.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01289

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000995

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 49

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
 PH..... 8.8
 SPECIFIC CONDUCTANCE..... 2880.

ANALYSIS IN PPM

AG..... CO3..... LI... SB... 0.3
 AS..... 1.9
 B..... 37. F..... NA... 558.
 BA..... FE+3..... NA+K. S04.. 90.
 CL..... 672.
 CO..... K..... 51. S... 2.2

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... K/NA = 0.0913, SO4/CL = 0.134.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01290

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000996

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 53

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
 TEMPERATURE (C)..... 87.0

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 3500.
 ANALYSIS IN PPM
 AG..... CO3..... LI... SB... 0.2
 AS.... 3.1
 B..... 49. F..... NA... 646.
 BA..... FE+3..... NA+K. S04.. 115.
 CL.... 888.
 CO.... K..... 59. S.... 1.9
 OTHER ANALYTICAL DATA... K/NA = 0.0913, S04/CL = 0.169.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01291

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000997

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 50
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/08/09 WHITE, DON E.
 TEMPERATURE (C)..... 60.0

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
 PH..... 6.1
 SPECIFIC CONDUCTANCE..... 3150.
 ANALYSIS IN PPM
 AG..... CO3..... LI... SB... 0.3
 AS.... 1.7
 B..... 48. F..... NA... 637.
 BA..... FE+3..... NA+K. S04.. 107.
 CL.... 824.
 CO.... K..... 61. S.... 7.1

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... K/NA = 0.096, S04/CL = 0.130.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01292

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000998

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 20
 LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES

LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
TEMPERATURE (C)..... 81.0

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
PH..... 6.6
SPECIFIC CONDUCTANCE..... 3450.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... C03..... LI... SB... N
AS..... 2.6
B..... 48. F..... NA... 649.
BA..... FE+3..... NA+K. S04.. 134.
CL..... 866.
CO..... K..... 73. S... 4.1

OTHER ANALYTICAL DATA... K/NA = 0.1125, S04/CL = 0.1546.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK.

RECORD 01293

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0001004

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 10

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
TEMPERATURE (C)..... 73.0

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
PH..... 6.4
SPECIFIC CONDUCTANCE..... 3400.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... C03..... LI... SB... N
AS..... 2.7
B..... 48. F..... NA... 643.
BA..... FE+3..... NA+K. S04.. 128.
CL..... 856.
CO..... K..... 72. S... 7.0

OTHER ANALYTICAL DATA... K/NA = 0.112, S04/CL = 0.1495.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON E. WHITE, USGS, MENLO PARK

RECORD 01294

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0001007

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS = SPRING 12

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33
STATE..... NEVADA

LAT/LONG... 39-23. N 119-44. W
UTM ZONE... +11

COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
TEMPERATURE (C)..... Q

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
PH..... 7.8
SPECIFIC CONDUCTANCE..... 3735.

ANALYSIS IN PPM

AG....		CO3.....		LI...		SB...	0.4
AS....	3.1						
B.....	52.	F.....		NA...	716.		
BA....		FE+3....		NA+K.		S04..	121.
CL....	944.						
CO....		K.....	82.	S....	3.0		

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... S04/CL = 0.1283.
QUALIFICATION FIELD... WATER TEMPERATURE "BOILING".

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01295

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001012

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 16

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 32
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

LAT/LONG... 39-23, N 119-44. W
UTM ZONE... +11
NORTHING... 4362673.
EASTING.... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1945/08/04 WHITE, DON E.
OTHER SAMPLE INFORMATION.. CLEAR WHEN COLLECTED.

WATER ANALYSIS

DATE/ANALYST..... 1946/01/10 BRANNOCK, W. W.
TOTAL DISSOLVED SOLIDS... 2385.

ANALYSIS IN PPM

AG....		CO3..... N		LI...	6.		
AS....		CS.....		MN...		SE... N	
AU....		CU.....		MO...		SI02.	311.
B.....	56.	F.....	2.0	NA...	666.		
BA....	N	FE+3....		NA+K.		S04..	131.
BE....		FE(TOT). L	0.1				
BI....		GA.....		NH4..	L 1.		
CA....	12.	HCO3....	320.	NO3..	N		
CL....	897.						
CO....		K.....	81.				

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... K/NA = 0.1215, S04/CL = 0.146.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... FROM PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01298

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0001600

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 21

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

COORDINATES
 LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
 TEMPERATURE (C)..... 71.0

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
 PH..... 6.3
 SPECIFIC CONDUCTANCE..... 3585.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3.....		LI...		SB... N
AS.....	2.8					
B.....	50.	F.....		NA... 673.		
BA.....		FE+3.....		NA+K.	S04.. 143.	
CL.....	904.					
CO.....		K..... 77.		S.... 3.3		

OTHER ANALYTICAL DATA... K/NA = 0.1143, S04/CL = 0.158.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01299

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002194

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - PEIGH WARM WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 29 NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 OTHER LOCALITY INFORMATION: NORTHWEST OF STEAMBOAT

COORDINATES
 LAT/LONG... 39-24.1 N 119-45.9 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/06/00 WHITE, DON
 TEMPERATURE (C)..... 27.

WATER ANALYSIS

DATE/ANALYST..... 1949/08/08 BRANNOCK, W. W.
 PH..... 7.7
 SPECIFIC CONDUCTANCE..... 194.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....		CO3..... N				
AL.....		CR.....		MG... 2.8		
AU.....		CU.....		MO...	SI02. 36.	
B.....	0.03	F.....		NA... 12.		

BA..... FE+3..... NA+K. S04.. 11.
 CA..... 15. HC03..... 78.
 CL..... 2.6
 CO..... K..... 5.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01300

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0002196

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - WHITES CREEK

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18N 019E 20
 STATE..... NEVADA
 COUNTY..... WASHOE
 MAP REFERENCE..... MT. ROSE NE 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/06/00 WHITE, DON
 TEMPERATURE (C)..... Q

WATER ANALYSIS

DATE/ANALYST..... 1949/08/08 BRANNOCK, W. W.
 PH..... 7.5
 SPECIFIC CONDUCTANCE..... 50.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	2.0		
AU.....	CU.....	MO...		SI02.	21.
B..... N	F.....	NA...	2.4		
BA.....	FE+3.....	NA+K.		S04..	3.1
CA..... 4.9	HC03..... 26.				
CL..... 0.7					
CO.....	K..... 0.7				

ISOTOPES (0/00)

QUALIFICATION FIELD..... TEMPERATURE RECORDED AS 54. DEG.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01301

GEOHERM SAMPLE FILE

 GEOTHERM FILE ID: 0000994

NAME OF SAMPLE SOURCE... STEAMBOAT SPRINGS - SPRING 33

LOCATION TOWNSHIP-RANGE COORDINATES

COUNTRY..... UNITED STATES 18N 020E 33
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... STEAMBOAT 1:24000, RENO 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/04/26 WHITE, DON E.
 TEMPERATURE (C)..... 43.0

WATER ANALYSIS

DATE/ANALYST..... 1950/07/07 BRANNOCK, W. W.
 PH..... 6.3

COORDINATES
 LAT/LONG... 39-23. N 119-44. W
 UTM ZONE... +11
 NORTHING... 4362673.
 EASTING... 264575.

SPECIFIC CONDUCTANCE..... 2725.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... C03..... LI... SB... 0.1
AS.... 1.7
B..... 35. F..... NA... 519.
BA.... FE+3.... NA+K. S04.. 91.
CL.... 596.
CO.... K..... 43. S.... 1.0

OTHER ANALYTICAL DATA... K/NA = 0.083, S04/CL = 0.153.
QUALIFICATION FIELD..... CL MEASURED BY DON WHITE AS 910 PPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01302

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074447

NAME OF SAMPLE SOURCE... SUTHERLAND WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 21 NE OF SW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
LAT/LONG... 39-24.5 N 119-44.6 W
UTM ZONE... +11
NORTHING... 4365474.
EASTING.... 263798.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
WELL DEPTH (M)..... 28.
OTHER SAMPLE INFORMATION.. ADDITIONAL DATA ON TEMPERATURE AND DEPTH (TEMP/DEPTH): 30C/16M; 26C/15M.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-87
REFERENCE..... WHITE, D. E., 1968

RECORD 01303

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074448

NAME OF SAMPLE SOURCE... TACHINO WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 17N 020E 04 SW OF SE
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
LAT/LONG... 39-21.9 N 119-44.2 W
UTM ZONE... +11
NORTHING... 4360646.
EASTING.... 264226.

MAP REFERENCE..... RENO 1:250000, VIRGINIA CITY 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 5.
OTHER SAMPLE INFORMATION.. THE TEMPERATURE AT 7 METERS IS 27 C.

WATER ANALYSIS

PH..... 7.3
SPECIFIC CONDUCTANCE..... 256.
ANALYSIS IN PPM
CL.... 5.6

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-88
 REFERENCE..... WHITE, D. E., 1968

RECORD 01304

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074013

NAME OF SAMPLE SOURCE... THE NEEDLE ROCKS

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 26N 20E 12 LAT/LONG... 40-08.7 N 119-41.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4447093.
 GEOLOGIC PROVINCE.. EASTING.... 271416.
 MAP REFERENCE..... LOVELOCK 1:250000, THE NEEDLE ROCKS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/00/00
 TEMPERATURE (C)..... 82.2

WATER ANALYSIS

PH..... 7.4
 SPECIFIC CONDUCTANCE..... 7100.
 TOTAL DISSOLVED SOLIDS... 4615.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	0.1	
AU.....	CU.....		MO...		SI02. 117.
B.....	F.....		NA...	1040.	
BA.....	FE+3.....		NA+K.		S04.. 335.
CA..... 163.	HCO3.....	50.			
CD.....	H2S.....	N			
CL..... 1950.					
CO.....	K.....	120.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
 REPORT NO.4- FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT GI
 43866

RECORD 01305

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074014

NAME OF SAMPLE SOURCE... THE NEEDLE ROCKS

LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 26N 20E 12 LAT/LONG... 40-08.7 N 119-41.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4447093.
 GEOLOGIC PROVINCE.. EASTING.... 271416.
 MAP REFERENCE..... LOVELOCK 1:250000, THE NEEDLE ROCKS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/00
 TEMPERATURE (C)..... 60.6

WATER ANALYSIS

PH..... 7.8
SPECIFIC CONDUCTANCE..... 5800.
TOTAL DISSOLVED SOLIDS... 3770.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
AL.... CR..... MG... 0.3
AU.... CU..... MO... SI02. 110.
B..... F..... NA... 1040.
BA.... FE+3..... NA+K. S04.. 350.
CA.... 198. HCO3..... 110.
CD.... H2S..... 2.
CL.... 1760.
CO.... K..... 120.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
REPORT NO.4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT GI
43866

RECORD 01306

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0074226

NAME OF SAMPLE SOURCE... THE NEEDLE ROCKS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 26N 20E 12 NE OF NW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
LAT/LONG... 40-08.6 N 119-41.2 W
UTM ZONE... +11
NORTHING... 4446917.
EASTING.... 271127.

MAP REFERENCE..... LOVELOCK 1:250000, THE NEEDLE ROCKS 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 97.8
OTHER SAMPLE INFORMATION.. WARING NO. 49.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
U. S. GEOL. SURVEY PROF. PAPER 492, NO. 49

RECORD 01307

GEOTERM SAMPLE FILE

GEOTERM FILE ID: 0074432

NAME OF SAMPLE SOURCE... THE NEEDLE ROCKS - ANAHO ISLAND SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 24N 22E 16
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
LAT/LONG... 35-56.9 N 119-30.6 W
UTM ZONE... +11
NORTHING... 3980930.
EASTING.... 273604.

MAP REFERENCE..... RENO 1:250000, SUTCLIFFE 1:62500
OTHER LOCALITY INFORMATION: ON ANAHO ISLAND.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 48.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WARING,G.A. (1965) THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
USGS PROF. PAPER 492

RECORD 01308

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074016

NAME OF SAMPLE SOURCE... THE NEEDLE ROCKS - SPRING(?)

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 26N 21E 07
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 40-08.8 N 119-40.5 W
UTM ZONE... +11
NORTHING... 4447257.
EASTING.... 272132.

MAP REFERENCE..... LOVELOCK 1:250000, THE NEEDLE ROCKS 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/00
TEMPERATURE (C)..... 65.6

WATER ANALYSIS

PH..... 7.6
SPECIFIC CONDUCTANCE..... 7200.
TOTAL DISSOLVED SOLIDS... 4680.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	0.4		
AU....	CU.....	MO...		SI02.	82.
B.....	F.....	NA...	1150.		
BA....	FE+3....	NA+K.		S04..	330.
CA....	315. HCO3....				
CD....	1850. H2S.....				
CL....	2. K.....				
CO....	280.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... GROSE,L.T., KELLER,G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
REPORT NO.4 - FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPORT, NATL. SCI. FOUND. GRANT GI
43866

RECORD 01309

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074017

NAME OF SAMPLE SOURCE... THE NEEDLE ROCKS, WESTERN GEOTHERMAL NEEDLES NO.1

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 26N 21E 06
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

COORDINATES
LAT/LONG... 40-09.0 N 119-40.5 W
UTM ZONE... +11
NORTHING... 4447627.
EASTING.... 272143.

MAP REFERENCE..... LOVELOCK 1:250000, THE NEEDLE ROCKS 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/00
TEMPERATURE (C)..... 66.1

WATER ANALYSIS

PH..... 8.4
SPECIFIC CONDUCTANCE..... 6500.
TOTAL DISSOLVED SOLIDS... 4225.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N				
AL....		CR.....	MG...	0.1		
AU....		CU.....	MO...		SI02.	110.
B.....	6.1	F..... 3.0	NA...	1100.		
BA....		FE+3....	NA+K.		S04..	340.
CA....	260.	HCO3..... 22.				
CD....		H2S..... N				
CL....	1880.					
CO....		K..... 160.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
 REPORT NO.4 -FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPORT, NATL. SCI. FOUND. GRANT GI
 43866

RECORD 01310

GEOTERM FILE ID: 0074018

GEOTERM SAMPLE FILE

NAME OF SAMPLE SOURCE... THE NEEDLE ROCKS, WESTERN GEOTHERMAL NEEDLES NO.1 WELL

LOCATION

COUNTRY.....	UNITED STATES	TOWNSHIP-RANGE	26N 21E 06 SE OF SE	COORDINATES	
STATE.....	NEVADA			LAT/LONG...	40-09.0 N 119-40.5 W
COUNTY.....	WASHOE			UTM ZONE...	+11
GEOLOGIC PROVINCE..				NORTHING...	4447627.
MAP REFERENCE.....	LOVELOCK 1:250000, THE NEEDLE ROCKS 1:24000			EASTING....	272143.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/10/12
 TEMPERATURE (C)..... 67.2
 DISCHARGE..... 50. L/MIN

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 6072.
 TOTAL DISSOLVED SOLIDS... 3676.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3..... N	LI...	0.76	SB...	L 0.1
AL....		CR.....	MG...	0.1		
AS....	0.0011	CS..... 4.2	MN... L	0.01		
AU....		CU..... L 0.01	MO...		SI02.	95.
B.....		F..... 3.	NA...	1080.		
BA....	0.5	FE+3....	NA+K.		S04..	338.
BE....		FE(TOT). 0.02	NB...		SR...	4.2
BI....		GA.....	NH4.. L	0.1		
CA....	282.	HCO3..... 12.	NO3.. L	0.1		
CA+MG.		HG..... L 0.00001	PB... L	0.02		
CD....		H2S.....	PO4.. L	0.1		
CL....	1841.	I.....	RB...	0.8	ZN...	0.02
CO....		K..... 31.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... SANDERS, J.W., MILES, M.J. (1974) MINERAL CONTENT OF SELECTED GEOTHERMAL WATERS: NEVADA
 UNIV., RENO, DESERT RESEARCH INST., CENTER FOR WATER RESOURCES RESEARCH PROJ. REPT. 26

RECORD 01311

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074427

NAME OF SAMPLE SOURCE... THE NEEDLE ROCKS, WESTERN GEOTHERMAL INC. NEEDLES NO. 2(?)

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	26N 20E 12 NE	LAT/LONG... 40-08.7 N 119-41.0 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	WASHOE		NORTHING... 4447093.
GEOLOGIC PROVINCE..			EASTING.... 271416.

MAP REFERENCE..... LOVELOCK 1:250000, THE NEEDLE ROCKS 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES,

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/12/00
 TEMPERATURE (C)..... 88.3
 WELL DEPTH (M)..... E 1219.
 OTHER SAMPLE INFORMATION.. TEMPERATURE IS THAT OF WATER ESCAPING FROM A CAPPED WELL.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEV. BUR. MINES AND GEOLOGY WASHOE COUNTY NO. 85

RECORD 01312

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074562

NAME OF SAMPLE SOURCE... TWIN SPRING, VYA SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	42N 019E 04 NW	LAT/LONG... 41-35.6 N 119-51.9 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	WASHOE		NORTHING... 4608378.
GEOLOGIC PROVINCE..			EASTING.... 261204.

MAP REFERENCE..... VYA 1:250000, VYA 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.
 DISCHARGE..... Q 189.
 QUALIFICATION FIELD..... WARING REPORTS 200 GPM DISCHARGE.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-7-3
 REFERENCE..... SINCLAIR, W. C., 1963B AND WARING, G. A., 1965

RECORD 01313

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000798

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR GREAT BOILING SPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	32N 23E 10 SW OF NW	LAT/LONG... 40-39.9 N 119-22. W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	WASHOE		NORTHING... 4504052.
GEOLOGIC PROVINCE..			EASTING.... 299941.

OTHER LOCALITY INFORMATION: SPRING RISES IN EXCAVATION ON NORTH SIDE OF GRADED ROAD FROM GERLACH TO SOLDIER MEADOWS.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1975/08/20 MARINER AND EVANS
 TEMPERATURE (C)..... 89.5

DISCHARGE..... E 100. L/MIN
WATER TREATMENT..... PRESSURE FILTERED THROUGH A .1 MICROMETRE MEMBRANE FILTER, METAL ANALYSES ACIDIFIED WITH NITRIC ACID, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1975/00/00 BARNES GROUP

PH..... 7.6
SPECIFIC CONDUCTANCE..... 6350.
ALKALINITY..... 68. AS HCO3

ANALYSIS IN MG/L

AG..... CO3..... LI... 1.5 SB...
AL... 0.011 CR..... MG... 1.0 SC...
AS..... CS..... 0.2 MN... 0.01
AU..... CU..... MO... SI02. 145.
B..... 7.1 F..... 4.8 NA... 1400.
BA..... FE+3..... NA+K. S04.. 350.
BE..... FE(TOT). L 0.02
BI..... GA..... NH4.. 1.1
CA... 58. H2S..... L 0.5
CD..... I..... RB... 0.62
CL... 2050. K..... 86.
CO.....

ISOTOPES (0/00)

DEL D OF WATER..... -106.5
DEL O(18) OF WATER... -11.65

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... MARINER, R. H., PRESSER, EVANS, CHEMICAL DATA FOR EIGHT SPRINGS IN NORTHWESTERN NEVADA

RECORD 01314

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074453

NAME OF SAMPLE SOURCE... UNNAMED POOL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 32N 023E 16
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... LOVELOCK 1:250000, GERLACH 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.
LAT/LONG... 40-39.3 N 119-22.7 W
UTM ZONE... +11
NORTHING... 4502968.
EASTING... 298925.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1947/08/06
TEMPERATURE (C)..... 27.
DISCHARGE..... N
OTHER SAMPLE INFORMATION.. MUD VOLCANO IS INACTIVE.

WATER ANALYSIS

PH..... 6.3
SPECIFIC CONDUCTANCE..... 15740.

ANALYSIS IN PPM

CL... 4500.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NK-11-10-14
REFERENCE..... WHITE, D. E., 1955

RECORD 01315

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074452

CL.... 94.
 CO.... K..... 15.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-41
 REFERENCE..... COHEN, P., AND LOELTZ, O. J., 1964

RECORD 01317

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074564

NAME OF SAMPLE SOURCE... UNNAMED SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	34N 022E 18 SE	LAT/LONG... 40-49.5 N 119-31.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4522175.
GEOLOGIC PROVINCE..		EASTING.... 287489.
MAP REFERENCE..... LOVELOCK 1:250000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 29.
 DISCHARGE..... 500.
 OTHER SAMPLE INFORMATION.. FIVE SPRINGS ALIGNED ROUGHLY NORTH-NORTHEAST FOR 700 FEET ALONG A QUATERNARY FAULT.
 SPRINGS FLOW INTO SQUAW CREEK.

WATER ANALYSIS

PH..... 6.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-2
 REFERENCE..... GROSE, L. T. AND KELLER, G. V., 1975A

RECORD 01318

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074668

NAME OF SAMPLE SOURCE... UNNAMED SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY..... UNITED STATES	44N 019E 12	LAT/LONG... 41-45.2 N 119-48.5 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4625989.
GEOLOGIC PROVINCE..		EASTING.... 266507.
MAP REFERENCE..... VYA 1:250000, ALKALI LAKE 1:24000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 23.
 DISCHARGE..... 5.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-7-1
 REFERENCE..... SINCLAIR, W. C., 1963B

RECORD 01319

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074441

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 18N 020E 34 NW OF NW
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

COORDINATES
 LAT/LONG... 39-23.3 N 119-43.8 W
 UTM ZONE... +11
 NORTHING... 4363219.
 EASTING.... 264879.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1973/06/11
 TEMPERATURE (C)..... 28.

WATER ANALYSIS
 PH..... 7.2
 TOTAL DISSOLVED SOLIDS... 1117.

ANALYSIS IN PPM
 AL..... CR..... MG... 16.
 B..... F..... NA... 230.
 BA..... FE+3..... NA+K. S04.. 543.
 CA.... 64. HCO3.... 200.
 CL.... 43.
 CO.... K..... 19.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-57
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01320

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074442

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 17N 020E 08 NW OF NW
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS
 DATE/COLLECTOR..... 1968/00/00
 TEMPERATURE (C)..... 29.
 WELL DEPTH (M)..... 58.

REFERENCE AND IDENTIFICATION
 COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-62
 REFERENCE..... MCLANE, A., PERSONAL COMMUNICATION, 1971

RECORD 01321

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074443

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE
 STATE..... NEVADA 17N 020E 08 NW OF NW
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-21.5 N 119-46.0 W
 UTM ZONE... +11
 NORTHING... 4359985.
 EASTING.... 261618.

MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/00/00
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 42.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-63
 REFERENCE..... MCLANE, A., PERSONAL COMMUNICATION, 1971

RECORD 01322

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074444

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16N 019E 03 SW OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-16.9 N119-50.0 W
 UTM ZONE... +11
 NORTHING... 4351653.
 EASTING.... 255606.

MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/10/12
 TEMPERATURE (C)..... 24.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 171.

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	3.3	
BA.....	FE+3.....		NA+K..	16.	S04.. 6.0
CA..... 19.	HCO3.....	103.			
CL..... 3.8					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-64
 REFERENCE..... RUSH, F. E. 1967

RECORD 01323

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074446

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16N 020E 06
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-16.5 N119-46.8 W
 UTM ZONE... +11
 NORTHING... 4350770.
 EASTING.... 260184.

MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/12/16
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 24.

WATER ANALYSIS

PH..... 8.4
 TOTAL DISSOLVED SOLIDS... 253.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... 6.
 B..... F..... 7.
 BA..... FE+3..... NA+K. 62.
 BE..... FE(TOT). 0.27
 CA..... 13. HCO3..... 120.
 CL..... 7.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-66
 REFERENCE..... CWRR, 1973

RECORD 01324

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074449

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 27 SW OF SE LAT/LONG... 39-23.5 N 119-43.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4363563.
 GEOLOGIC PROVINCE... EASTING.... 265751.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/03/29
 TEMPERATURE (C)..... 29.
 WELL DEPTH (M)..... 60.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 1200.
 TOTAL DISSOLVED SOLIDS... 929.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... 0.6 CR..... MG... 36.
 AU..... CU..... MO...
 B..... 0.06 F..... 0.1 NA... 100. SI02. 38.
 BA..... FE+3..... NA+K. S04.. 508.
 BE..... FE(TOT). 0.74
 CA..... 114. HCO3..... 148. NO3.. N U.... 0.0002
 CL..... 6.2
 CO..... K..... 5.8

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-47
 REFERENCE..... COHEN, PHILIP, AND LOELTZ, O. J., 1964

RECORD 01325

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074451

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 29 SW OF NW LAT/LONG... 39-23.9 N 119-46.05 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4364427.
 GEOLOGIC PROVINCE.. EASTING.... 261682.
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1949/06/00
 TEMPERATURE (C)..... 32.
 WELL DEPTH (M)..... 26.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 3150.
 TOTAL DISSOLVED SOLIDS... 2226.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG...	2.8		
AU.....	CU.....	MO...		SI02.	36.
B..... 46.	F..... 2.1	NA...	12.	S04..	94.
BA.....	FE+3....	NA+K.			
CA..... 15.	HCO3.... 337.				
CL..... 836.					
CO.....	K..... 5.0				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-54
 REFERENCE..... COHEN, P. AND EVERETT, D. E., 1963

RECORD 01326

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074456

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 19N 018E 17 LAT/LONG... 39-30.9 N 119-59.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4377976.
 GEOLOGIC PROVINCE.. EASTING.... 243379.
 MAP REFERENCE..... RENO 1:250000, VERDI 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/08/09
 TEMPERATURE (C)..... 26.
 WELL DEPTH (M)..... 10.

WATER ANALYSIS

PH..... 7.0

ISOTOPES (0/00)

ANALYSIS IN PPM
 CD..... H2S..... P04.. 0.11
 CL..... 5.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-1
 REFERENCE..... CWRR, 1973

RECORD 01327

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074459

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	19N 019E 22 SW OF NE	LAT/LONG...	39-29.9 N 119-49.9 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4375699.
GEOLOGIC PROVINCE..			EASTING....	256505.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/02/13
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 56.

WATER ANALYSIS

PH..... 8.1
 SPECIFIC CONDUCTANCE..... 436.
 TOTAL DISSOLVED SOLIDS... 307.

ANALYSIS IN PPM

AG.....	CO3..... N	LI...	0.4		
AL..... N	CR.....	MG...	7.1		
AS.....	CS.....	MN... N			
AU.....	CU.....	MO...		SI02.	41.
B.....	F..... 0.4	NA...	23.		
BA.....	FE+3.....	NA+K.		S04..	48.
BE.....	FE(TOT).. 0.04				
CA..... 51.	HCO3..... 156.	NO3..	8.5	U....	0.0029
CD.....	H2S..... 1.				
CL..... 22.					
CO.....	K..... 2.6				

ISOTOPES (0/00)GAS ANALYSISANALYSIS

AR... HG... 1.

ISOTOPES (00/0)REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-4
 REFERENCE..... COHEN, P. AND LOELTZ, O. J., 1964

RECORD 01328

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074460

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	18N 020E 14 SW OF NW	LAT/LONG...	39-25.7 N 119-42.7 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4367611.
GEOLOGIC PROVINCE..			EASTING....	266591.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/14
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 15.

WATER ANALYSIS

PH..... 7.2
 SPECIFIC CONDUCTANCE..... 1810.
 TOTAL DISSOLVED SOLIDS... 1230.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....		CO3..... N	LI...	3.1		
AL....	0.1	CR.....	MG...	43.		
AS....		CS.....	MN...	0.02		
AU....		CU.....	MO...		SI02.	79.
B....	0.66	F..... 0.2	NA...	202.		
BA....		FE+3....	NA+K.		S04..	125.
BE....		FE(TOT). 0.36				
CA....	68.	HCO3.... 258.	N03..	1.0	U....	0.0033
CL....	360.					
CO....		K..... 24.				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-37
 REFERENCE..... COHEN, P. AND LOELTZ, O. J., 1964

RECORD 01329

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074462

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	19N 019E 22 SE OF SW	LAT/LONG...	39-29.5 N 119-50.2 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4374973.
GEOLOGIC PROVINCE..			EASTING....	256051.

MAP REFERENCE..... RENO 1:250000; MT. ROSE N.E. 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/08/08
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 82.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 3306.

ISOTOPES (0/00)

AG....		CO3..... N	MG...	112.		
AL....		CR.....	MO...		SI02.	41.
AU....		CU.....	NA+K.	500.	S04..	1959.
BA....		FE+3....				
CA....	336.	HCO3.... 378.				
CL....	26.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-6
 REFERENCE..... COHEN, P. AND LOELTZ, O. J., 1964

RECORD 01330

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074467

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..

LAT/LONG... 39-29.3 N 119-47.9 W
UTM ZONE... +11
NORTHING... 4374500.
EASTING.... 259337.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1963/01/11
TEMPERATURE (C)..... 24.
WELL DEPTH (M)..... 26.

WATER ANALYSIS

PH..... 7.9
TOTAL DISSOLVED SOLIDS... 505.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... CO3..... N
AL.... CR..... MG... 0.98
B..... F..... 3.8
BA.... FE+3..... NA+K. 97. S04.. 72.
BE.... FE(TOT). 0.03
CA.... 14. HCO3.... 181.
CL.... 20.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-10
REFERENCE..... NBMG FILES: WASHOE CO. #NJ-11-1-10

RECORD 01331

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074470

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 19N 020E 08 SE OF NW
STATE..... NEVADA
COUNTY..... WASHOE
GEOLOGIC PROVINCE..
MAP REFERENCE..... RENO 1:250000, RENO 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/07/24
TEMPERATURE (C)..... 23.
WELL DEPTH (M)..... 229.

WATER ANALYSIS

PH..... 8.0
SPECIFIC CONDUCTANCE..... 325.
TOTAL DISSOLVED SOLIDS... 313.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... CO3..... N
AL.... CR..... MG... 3.9
AU.... CU..... MO... SI02. 39.
BA.... FE+3..... NA+K. 43. S04.. 57.
CA.... 22. HCO3.... 110.
CL.... 7.0

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-1-16
 REFERENCE..... COHEN, P. AND LOELTZ, O. J., 1964

RECORD 01332

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074471

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 020E 08 SE OF SE NW

COORDINATES
 LAT/LONG... 39-31.7 N 119-45.7 W
 UTM ZONE... +11
 NORTHING... 4378842.
 EASTING.... 262627.

STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

MAP REFERENCE..... RENO 1:250000, RENO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/08/24
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 229.

WATER ANALYSIS

PH..... 8.0
 TOTAL DISSOLVED SOLIDS... 288.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	3.9		
AU....	CU.....	MO...		SI02.	39.
BA....	FE+3....	NA+K.	43.	S04..	57.
CA.... 22.	HC03.... 116.				
CL.... 7.0					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-17
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01333

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074472

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 020E 08 NW OF SE SE

COORDINATES
 LAT/LONG... 39-31.4 N 119-45.3 W
 UTM ZONE... +11
 NORTHING... 4378270.
 EASTING.... 263183.

STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

MAP REFERENCE..... RENO 1:250000, RENO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/11/21
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 189.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE.... 616.
 TOTAL DISSOLVED SOLIDS... 500.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL....	CR.....	MG...	2.		
AU....	CU.....	MO...		SI02.	41.

B..... F..... 0.8 NA... 126.
 BA..... FE+3..... NA+K. S04.. 149.
 CA..... 8. HCO3..... 165.
 CL..... 8.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-18
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01334

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074473

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 020E 18 NW OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-31.1 N 119-47.2 W
 UTM ZONE... +11
 NORTHING... 4377799.
 EASTING.... 260444.

MAP REFERENCE..... RENO 1:250000, RENO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/05/22
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 201.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 321.
 TOTAL DISSOLVED SOLIDS... 85.

ANALYSIS IN PPM

AG.....	CO3..... N				
AL.....	CR.....	MG...	0.7		
AU.....	CU.....	MO...		SI02.	10.
BA.....	FE+3.....	NA+K.	69.	S04..	70.
BE.....	FE(TOT)..		0.2		
CA..... 4.8	HCO3.....		104.		
CL..... 5.0					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-20
 REFERENCE..... COHEN, P. AND LOELTZ, O. J., 1964

RECORD 01335

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074474

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 19N 020E 18 NW OF SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-30.7 N 119-46.6 W
 UTM ZONE... +11
 NORTHING... 4377032.
 EASTING.... 261281.

MAP REFERENCE..... RENO 1:250000, RENO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/08/27

TEMPERATURE (C)..... 21.
WELL DEPTH (M)..... 209.

WATER ANALYSIS

PH..... 8.1
SPECIFIC CONDUCTANCE..... 375.
TOTAL DISSOLVED SOLIDS... 309.

ANALYSIS IN PPM

AL.....	CR.....	MG...	1.2		
AU.....	CU.....	MO...		SI02.	18.
B.....	F.....	NA...	80.		
BA.....	FE+3....	NA+K.		S04..	78.
CA.....	4.2	HC03....	122.		
CL.....	5.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-21
REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01336

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074475

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	19N 020E	27 SE OF NE	LAT/LONG...	39-29.1	N	119-43.3	W
STATE.....	NEVADA			UTM ZONE...	+11			
COUNTY.....	WASHOE			NORTHING...	4373928.			
GEOLOGIC PROVINCE..				EASTING....	265920.			

MAP REFERENCE..... RENO 1:250000; STEAMBOAT 1:24000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/01/13
TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 198.

WATER ANALYSIS

PH..... 7.4
SPECIFIC CONDUCTANCE..... 1600.
TOTAL DISSOLVED SOLIDS... 1148.

ANALYSIS IN PPM

AG.....	CO3.....	LI...	0.2		
AL.....	CR.....	MG...	41.		
AU.....	CU.....	MO...		SI02.	88.
B.....	F.....	NA...	160.		
BA.....	FE+3....	NA+K.		S04..	225.
CA.....	107.	HC03....	241.		
CL.....	264.				
CO.....	K.....		21.		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-1-22
REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01337

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074476

NAME OF SAMPLE SOURCE... UNNAMED WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 19N 020E 30 SW OF NW LAT/LONG... 39-29.1 N 119-47.2 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4374099.
 GEOLOGIC PROVINCE.. EASTING.... 260329.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/01/13
 TEMPERATURE (C)..... 25.
 WELL DEPTH (M)..... 183.

WATER ANALYSIS

PH..... 7.8
 SPECIFIC CONDUCTANCE..... 917.
 TOTAL DISSOLVED SOLIDS... 665.

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... 0.1 CR.....
 AS..... CS.....
 AU..... CU.....
 B..... 49. F..... 2.5
 BA..... FE+3.....
 BE..... FE(TOT). 0.35
 CA..... 18. HCO3..... 116.
 CL..... 30.
 CO..... K..... 9.5

ISOTOPES (0/00)

LI... 0.4
 MG... 0.3
 MN... 0.03
 MO...
 NA... 170. SI02. 94.
 NA+K. S04.. 280.
 NO3.. 0.5 U.... 0.0002

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-23
 REFERENCE..... COHEN, P. AND LOELTZ, O. J., 1964

RECORD 01338

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074480

NAME OF SAMPLE SOURCE... UNNAMED WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 19N 019E 36 NE OF NE NW LAT/LONG... 39-28.5 N 119-49.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4373073.
 GEOLOGIC PROVINCE.. EASTING.... 257570.
 MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/06/04
 TEMPERATURE (C)..... 28.

WATER ANALYSIS

PH..... 7.3
 TOTAL DISSOLVED SOLIDS... 309.

ANALYSIS IN PPM

AL..... CR.....
 B..... F.....
 BA..... FE+3.....
 CA..... 21. HCO3..... 185.
 CL..... 11.

ISOTOPES (0/00)

MG... 5.8
 NA... 58.
 NA+K. S04.. 29.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-13
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01339

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074483

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 19N 040E 06 SE OF SW SE LAT/LONG... 39-32.1 N 119-47.6 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4379667.
 MAP REFERENCE..... RENO 1:250000, RENO 1:24000 EASTING.... 259928.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/10/12
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 168.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 410.
 TOTAL DISSOLVED SOLIDS... 379.

ANALYSIS IN PPM

<u>ANALYSIS IN PPM</u>				<u>ISOTOPES (0/00)</u>	
AL.....	CR.....	MG...	12.		
AU.....	CU.....	MO...		SI02.	56.
B.....	F.....	NA...	35.		
BA.....	FE+3.....	NA+K.		S04..	98.
CA..... 38.	HC03.....		128.		
CL..... 4.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-15
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01340

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074484

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 18N 040E 28 NW OF NE LAT/LONG... 39-24.1 N 119-44.3 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4364721.
 MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000 EASTING.... 264206.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/14
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 24.

WATER ANALYSIS

PH..... 7.6
 SPECIFIC CONDUCTANCE..... 671.

TOTAL DISSOLVED SOLIDS... 439.

ANALYSIS IN PPM

AG....		CO3..... N	LI...	1.1		
AL....		CR.....	MG...	9.2		
AU....		CU.....	MO...		SI02.	61.
B.....	0.03	F..... 0.2	NA...	83.		
BA....		FE+3....	NA+K.		S04..	22.
BE....		FE(TOT).. 0.08				
CA....	34.	HC03.... 241.	N03..	5.1	U....	0.0016
CL....	73.					
CO....		K..... 6.6				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-48
 REFERENCE..... COHEN, P. AND LOELTZ, O. J., 1964

RECORD 01341

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074489

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 020E 29 NW	LAT/LONG...	39-24.0 N 119-45.9 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4364606.
GEOLOGIC PROVINCE..			EASTING....	261903.
MAP REFERENCE.....	RENO 1:250000, MT. ROSE N.E. 1:24000			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/07/30
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 49.

WATER ANALYSIS

PH..... 8.0
 TOTAL DISSOLVED SOLIDS... 310.

ANALYSIS IN PPM

AL....		CR.....	MG...	10.		
B.....		F.....	NA...	18.		
BA....		FE+3....	NA+K.		S04..	13.
CA....	51.	HC03.... 212.				
CL....	6.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-53
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01342

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074491

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 020E 06 NW OF NE	LAT/LONG...	39-27.6 N 119-46.6 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4371297.
GEOLOGIC PROVINCE..			EASTING....	261104.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1968/08/20
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 154.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 213.
 TOTAL DISSOLVED SOLIDS... 299.

ANALYSIS IN PPM

AL.....	CR.....	MG...	4.		
AU.....	CU.....	MO...		SI02.	62.
B.....	F.....	NA...	45.		
BA.....	FE+3....	NA+K.		S04..	18.
CA.... 14.	HC03....		154.		
CL.... 2.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-27
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01343

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074520

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	17N 020E 07 SE	LAT/LONG...	39-21.0 N 119-46.3 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4359073.
GEOLOGIC PROVINCE..			EASTING....	261159.

MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/00/00
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 31.

WATER ANALYSIS

PH..... 8.0
 TOTAL DISSOLVED SOLIDS... 211.

ANALYSIS IN PPM

AL.....	CR.....	MG...	9.		
B.....	F.....	NA...	19.		
BA.....	FE+3....	NA+K.		S04..	3.
CA.... 24.	HC03....		151.		
CL.... 5.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-60
 REFERENCE..... MCLANE, A., PERSONAL COMMUNICATION, 1971

RECORD 01344

GEOIHERM SAMPLE FILE

GEOIHERM FILE ID: 0074546

BA.... FE+3.... NA+K. S04.. 17.
 BE.... FE(TOT). 0.04
 CA.... 10. HCO3.... 224. NO3.. 2.0 U.... 0.0017
 CL.... 160.
 CO.... K..... 14.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-32
 REFERENCE..... COHEN, P., AND LOELTZ, O. J., 1964

RECORD 01346

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074548

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 14 NW OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-25.9 N 119-42.7 W
 UTM ZONE... +11
 NORTHING... 4367981.
 EASTING... 266602.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/14
 TEMPERATURE (C)..... 24.

WATER ANALYSIS

PH..... 7.5
 SPECIFIC CONDUCTANCE..... 2320.
 TOTAL DISSOLVED SOLIDS... 1540.

ANALYSIS IN PPM

AG....		CO3..... N	LI...	4.4		
AL....	0.1	CR.....	MG...	46.		
AU....		CU.....	MO...		SI02.	113.
B....	0.44	F..... 0.3	NA...	313.		
BA....		FE+3....	NA+K.		S04..	151.
BE....		FE(TOT). 0.04				
CA....	63.	HCO3.... 264.	NO3..	0.8	U....	0.0020
CL....	511.					
CO....		K..... 31.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-33
 REFERENCE..... COHEN, P., AND LOELTZ, O. J., 1964

RECORD 01347

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074551

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 020E 14 NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-25.8 N 119-42.5 W
 UTM ZONE... +11
 NORTHING... 4367788.
 EASTING... 266884.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.59 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/07/00
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 32.

WATER ANALYSIS

PH..... 7.1
 TOTAL DISSOLVED SOLIDS... 1359.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....	MG...	23.		
B.....	F.....	NA...	330.		
BA.....	FE+3.....	NA+K.		S04..	143.
CA..... 73.	HCO3.....		268.		
CL..... 490.					
CO.....	K.....		28.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-36
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01348

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074552

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	18N 020E 14 SE OF SW SW	LAT/LONG... 39-25.2 N 119-42.6 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4366682.
GEOLOGIC PROVINCE..		EASTING.... 266707.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/03/00
 TEMPERATURE (C)..... 32.
 WELL DEPTH (M)..... 27.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-38
 REFERENCE..... NBMG FILES

RECORD 01349

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074553

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES	18N 020E 17 SE OF NE	LAT/LONG... 39-25.7 N 119-45.2 W
STATE..... NEVADA		UTM ZONE... +11
COUNTY..... WASHOE		NORTHING... 4367720.
GEOLOGIC PROVINCE..		EASTING.... 263004.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/05/08
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 22.

WATER ANALYSIS

PH..... 8.4
 SPECIFIC CONDUCTANCE..... 369.
 TOTAL DISSOLVED SOLIDS... 306.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	9.6				
AL....		CR.....		MG...	0.4		
AU....		CU.....		MO...		SI02.	96.
B.....	0.88	F.....	1.0	NA...	79.		
BA....		FE+3....		NA+K.		S04..	6.2
BE....		FE(TOT). N					
CA....	3.8	HC03....	176.	NO3..	15.		
CL....	6.0						
CO....		K.....	5.9				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-39
 REFERENCE..... COHEN, P., AND LOELTZ, O. J., 1964

RECORD 01350

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074554

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 020E	17 SE OF NE	LAT/LONG...	39-25.7	N 119-45.3	W
STATE.....	NEVADA			UTM ZONE...	+11		
COUNTY.....	WASHOE			NORTHING...	4367725.		
GEOLOGIC PROVINCE..				EASTING....	262861.		

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E., 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/05/08
 TEMPERATURE (C)..... 29.
 WELL DEPTH (M)..... 31.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 457.
 TOTAL DISSOLVED SOLIDS... 382.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....		CO3.....	6.6				
AL....		CR.....		MG...	2.7		
AU....		CU.....		MO...		SI02.	109.
B.....	2.1	F.....	0.4	NA...	94.		
BA....		FE+3....		NA+K.		S04..	7.6
BE....		FE(TOT). N	0.01				
CA....	3.0	HC03....	228.	NO3..	1.5		
CL....	12.						
CO....		K.....	9.4				

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-40
 REFERENCE..... COHEN, P., AND LOELTZ, O. J., 1964

RECORD 01351

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074557

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 20 SE OF SE LAT/LONG... 39-24.3 N 119-45.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4365135.
 GEOLOGIC PROVINCE... EASTING.... 262782.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1946/02/11
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 20.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 153.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	8.0	
AU.....	CU.....		MO...		SI02. 25.
BA.....	FE+3.....		NA+K.	4.0	S04.. 21.
CA..... 27.	HC03.....	102.			
CL..... 14.					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-43
 REFERENCE..... COHEN, P., AND LOELTZ, O. J., 1964

RECORD 01352

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074559

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 18N 020E 21 NE OF SW LAT/LONG... 39-24.6 N 119-40.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4365491.
 GEOLOGIC PROVINCE... EASTING.... 269400.

MAP REFERENCE..... RENO 1:250000, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1958/05/19
 TEMPERATURE (C)..... 23.
 WELL DEPTH (M)..... 14.

WATER ANALYSIS

PH..... 7.1
 SPECIFIC CONDUCTANCE..... 255.
 TOTAL DISSOLVED SOLIDS... 221.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.....	CO3.....	N	LI...	0.6	
AL.....	CR.....		MG...	4.6	
AU.....	CU.....		MO...		SI02. 79.
B..... 0.05	F.....	0.1	NA...	22.	S04.. 5.8
BA.....	FE+3.....		NA+K.		

BE..... FE(TOT). 0.05
 CA..... 19. HCO3..... 126. NO3.. 9.5 U.... L 0.0001
 CL..... 6.0
 CO..... K..... 5.7

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-44
 REFERENCE..... COHEN, P., AND LOELTZ, O. J., 1964

RECORD 01353

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074565

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 35N 023E 23 SE OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-54.1 N 119-20.1 W
 UTM ZONE... +11
 NORTHING... 4530254.
 EASTING.... 303318.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/07/25
 TEMPERATURE (C)..... 24.

WATER ANALYSIS

PH..... 8.2
 SPECIFIC CONDUCTANCE..... 440.

ANALYSIS IN PPM

AL..... CR..... MG... 13.
 BA..... FE+3..... NA+K. 61. S04.. 61.
 CA..... 34. HCO3..... 174.
 CL..... 48.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... SAR = 2.3; RSC = 0.05

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-3
 REFERENCE..... HARRILL, J. R., 1969

RECORD 01354

GEO THERM SAMPLE FILE

 GEOTHERM FILE ID: 0074566

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 35N 023E 24 SE OF NW
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-53.7 N 119-19.1 W
 UTM ZONE... +11
 NORTHING... 4529477.
 EASTING.... 304703.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/09/28
 TEMPERATURE (C)..... 25.

WATER ANALYSIS

PH..... 8.3
 SPECIFIC CONDUCTANCE..... 420.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... 4.
 AL..... CR..... MG... 13.
 BA..... FE+3..... NA+K. 59. S04.. 56.
 CA..... 31. HCO3..... 172.
 CL..... 38.

OTHER ANALYTICAL DATA... SAR = 2.2; RSC = 0.31

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-4
 REFERENCE..... HARRILL, J. R., 1969

RECORD 01355

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074567

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 35N 023E 25 SW OF NE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 40-52.8 N 119-19.6 W
 UTM ZONE... +11
 NORTHING... 4527830.
 EASTING... 303956.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1967/05/21
 TEMPERATURE (C)..... 21.
 WELL DEPTH (M)..... 48.

WATER ANALYSIS

PH..... 7.3
 SPECIFIC CONDUCTANCE..... 509.
 TOTAL DISSOLVED SOLIDS... 339.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL..... CR..... MG... 14.
 AU..... CU..... MO... SI02. 60.
 B..... N F..... 0.1 NA... 35.
 BA..... FE+3..... NA+K. S04.. 42.
 BE..... FE(TOT). 0.02
 CA..... 44. HCO3..... 178. NO3.. 1.2
 CL..... 46.
 CO..... K..... 8.9

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NK-11-10-5
 REFERENCE..... HARRILL, J. R., 1969

RECORD 01356

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074457

NAME OF SAMPLE SOURCE... UNNAMED WELL IN MOANA AREA

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE 19N 019E 04 SW OF SW SE
 STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-32.1 N 119-51.1 W
 UTM ZONE... +11
 NORTHING... 4379824.
 EASTING... 254914.

MAP REFERENCE..... RENO 1:250000, RENO 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1960/08/09
 TEMPERATURE (C)..... 22.
 WELL DEPTH (M)..... 177.

WATER ANALYSIS

PH..... 8.6
 TOTAL DISSOLVED SOLIDS... 333.

ANALYSIS IN PPM

AG.....	CO3.....	12.			
AL.....	CR.....		MG...	6.2	
AU.....	CU.....		MO...		SI02. 32.
B.....	F.....	0.2	NA...	55.	
BA.....	FE+3.....		NA+K.		S04.. 84.
CA..... 26.	HCO3.....	110.			
CL..... 8.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-2
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01357

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074466

NAME OF SAMPLE SOURCE... VAN SLYCK WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	LAT/LONG...	39-29.4 N 119-48.3 W
STATE.....	NEVADA	UTM ZONE...	+11
COUNTY.....	WASHOE	NORTHING...	4374703.
GEOLOGIC PROVINCE..		EASTING....	258769.

MAP REFERENCE..... RENO 1:250000, MT. ROSE N.E. 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 33.
 WELL DEPTH (M)..... 24.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-9A
 REFERENCE..... WHITE, D. E., 1968

RECORD 01358

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074051

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SPRING, CORDERO FLY NO.1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	34N 23E	01 SE OF NE	LAT/LONG...	40-51.9 N 119-19.4 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4526158.
GEOLOGIC PROVINCE..				EASTING....	304193.

MAP REFERENCE..... LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NW/4, SE/4, NE/4

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/14

TEMPERATURE (C)..... 42.2
 WELL DEPTH (M)..... 201.
 OTHER SAMPLE INFORMATION.. PREDOMINANTLY IN SAND.
REFERENCE AND IDENTIFICATION
 COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY WASHOE CO. #14

RECORD 01359

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074061

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SPRINGS: GEYSER WELL
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 34N 23E 02 LAT/LONG... 40-51.7 N 119-20.8 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4525840.
 MAP REFERENCE..... LOVELOCK 1:250000 EASTING.... 302216.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES, LOCATION GIVEN AS CENTER W/2

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 83.9

WATER ANALYSIS

PH..... 8.4

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... N
 AL..... CR..... MG... 0.18
 AU..... CU..... MO... SI02. 90.
 B..... F..... NA... 456.
 BA..... FE+3..... NA+K. S04.. 260.
 CA..... 32. HCO3..... 484.
 CL..... 260.
 CO..... K..... 17.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
 REPORT NO.4-FOR PERIOD FEBRUARY 1,1975 TO OCTOBER 31,1975: COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT 43866

RECORD 01360

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074062

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SPRINGS
LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE COORDINATES
 STATE..... NEVADA 34N 23E 02 NW OF SE LAT/LONG... 40-51.5 N 119-20.3 W
 COUNTY..... WASHOE UTM ZONE... +11
 GEOLOGIC PROVINCE.. NORTHING... 4525451.
 MAP REFERENCE..... LOVELOCK 1:250000 EASTING.... 302909.
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NE/4, NW/4, SE/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 35.0

WATER ANALYSIS

PH..... 8.4

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... N
 AL..... CR..... MG... 0.2

AU..... CU..... MO... SI02. 89.
 B..... F..... NA... 380.
 CA.... 24. HCO3.... 458.
 CL.... 240.
 CO.... K..... 17.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY-PROGRESS
 REPORT NO.4-FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975: COL. SCH. MINES REPORT, NATL. SCI. FOUND. GRANT GI
 43866

RECORD 01361

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074064

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SPRINGS: WELL H-18

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 34N 23E 02 SE OF NE LAT/LONG... 40-51.6 N 119-20.0 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4525625.
 GEOLOGIC PROVINCE.. EASTING... 303335.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SE/4, SE/4, NE/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 91.1
 DEPOSITS OR ALTERATION.... TRAVERTINE CONE

WATER ANALYSIS

PH..... 7.2

ANALYSIS IN PPM

ISOTOPES (0/00)

AG..... CO3..... N
 AL..... CR..... MG... 0.2
 AU..... CU..... MO... SI02. 88.
 B..... F..... NA... 400.
 CA.... 28. HCO3.... 452.
 CL.... 245.
 CO.... K..... 18.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY-PROGRESS
 REPORT NO.4-FOR THE PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975: COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT GI
 43866

RECORD 01362

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074065

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SPRINGS-WELL H-16

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 34N 23E 02 NW OF SE LAT/LONG... 40-51.4 N 119-20.9 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4525289.
 GEOLOGIC PROVINCE.. EASTING... 302061.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS SE/4, NW/4, SE/4

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 93.9

DEPOSITS OR ALTERATION.... TRAVERTINE CONE

WATER ANALYSIS

PH..... 7.2

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	0.19		
AU....	CU.....	MO....		SI02.	90.
B.....	F.....	NA....	405.		
BA....	FE+3....	NA+K.		S04..	245.
CA.... 22.	HCO3.... 486.				
CL.... 250.					
CO....	K..... 18.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY-PROGRESS
 REPORT NO.4-FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPORT, NATL. SCI. FOUND. GRANT GI
 43866

RECORD 01363

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074067

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SPRINGS; WESTERN GEOTHERMAL INC. FLY RANCH NO. 1 WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	34N 23E	02 SW	LAT/LONG...	40-51.5 N 119-20.9 W
STATE.....	NEVADA			UTM ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4525474.
GEOLOGIC PROVINCE..				EASTING....	302066.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/06/00
 TEMPERATURE (C)..... 97.2
 WELL DEPTH (M)..... 305.
 DISCHARGE..... 440. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1667.

ANALYSIS IN PPM

AL....	CR.....	MG...	4.6		
AU....	CU.....	MO....		SI02.	76.
B.....	F.....	NA....	347.		
BA....	FE+3....	NA+K.		S04..	187.
CA.... 33.	HCO3.... 436.				
CL.... 244.					
CO....	K..... 17.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY WASHOE COUNTY #23

RECORD 01364

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074093

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SPRINGS; SPRING H=63

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	34N 23E	01 SW OF SW	LAT/LONG...	40-51.5 N 119-19.9 W
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STATE..... NEVADA
 COUNTY..... WASHOE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN AS NW/4, SW/4, SW/4

UTM_ZONE... +11
 NORTHING... 4525436.
 EASTING.... 303471.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 82.2
 DEPOSITS OR ALTERATION.... TRAVERTINE TERRACE

WATER ANALYSIS

PH..... 7.2

ISOTOPES (0/00)

ANALYSIS IN PPM

AG....	CO3..... N				
AL....	CR.....	MG...	0.2		
AU....	CU.....	MO...		SI02.	86.
B....	F.....	NA...	405.		
BA....	FE+3....	NA+K.		S04..	390.
CA....	HCO3....		456.		
CL....					
CO....	K.....		15.		

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY-PROGRESS
 REPORT NO. 4-FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975; COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT GI 43866

RECORD 01365

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074224

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SPRING, THE GEYSER WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	34N 23E	01 SW	LAT/LONG...	40-51.5 N 119-19.8 W
STATE.....	NEVADA			UTM_ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4525432.
GEOLOGIC PROVINCE..				EASTING....	303611.

MAP REFERENCE..... LOVELOCK 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 104.4
 OTHER SAMPLE INFORMATION.. TEMP. GIVEN AS GRATER THAN 220 DEG F, DEPTH GIVEN AS SHALLOW.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... KOENIG, J. B., 1970, GEOTHERMAL EXPLORATION IN THE WESTERN UNITED STATES: GEOTHERMICS
 SPECIAL ISSUE 2, V. 2, PT. 1, P.1-13

RECORD 01366

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074063

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SPRINGS-POOL H-8

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	34N 23E	02 NE OF SE	LAT/LONG...	40-51.4 N 119-20.9 W
STATE.....	NEVADA			UTM_ZONE...	+11
COUNTY.....	WASHOE			NORTHING...	4525289.
GEOLOGIC PROVINCE..				EASTING....	302061.

MAP REFERENCE..... LOVELOCK 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 42.8

WATER ANALYSIS

PH..... 7.5

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	N			
AL.....	CR.....		MG...	0.2	
AU.....	CU.....		MO...		SI02. 84.
B.....	F.....		NA...	405.	
BA.....	FE+3.....		NA+K.		S04.. 250.
CA..... 18.	HCO3.....	456.			
CL..... 245.					
CO.....	K.....	16.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS
 REPORT NO. 4-FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975: COL. SCH. MINES NATL. SCI. FOUND. GRANT GI 43866

RECORD 01367

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074254

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SP. WEST. GEOHERM. NO1

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	34N 23E 02 SW	LAT/LONG...	40-51.5 N 119-20.9 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4525474.
GEOLOGIC PROVINCE..			EASTING....	302066.

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 97.2
 WELL DEPTH (M)..... 305.
 DISCHARGE..... 1666. L/MIN

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 1768.

ANALYSIS IN PPM

ISOTOPES (0/00)

AL.....	CR.....		MG...	4.1	
B.....	F.....		NA...	335.	
BA.....	FE+3.....		NA+K.		S04.. 186.
CA..... 33.	HCO3.....	431.			
CL..... 229.					
CO.....	K.....	14.			

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY WASHOE COUNTY NO. 24, WESTERN GEOTHERMAL INC. FLY RANCH
 NO. 1 WELL.

RECORD 01368

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074008

NAME OF SAMPLE SOURCE... WARD'S (FLY RANCH, HUALAPAI FLAT) HOT SP.-WESTERN GEOHERM.

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	34N 23E 02 NE OF SE	LAT/LONG...	40-51.5 N 119-20.4 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4525455.

EASTING.... 302768.

GEOLOGIC PROVINCE..

MAP REFERENCE..... LOVELOCK 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES. LOCATION GIVEN AS SW/4, NE/4, SE/4.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 96.1

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.29 MILES, LOCATION GIVEN ASSW/4 NE/4 SE/4,

WESTERN GEOTHERMAL INC. FLY RANCH NO. 1 WELL

WATER ANALYSIS

PH..... 8.4

SPECIFIC CONDUCTANCE..... 1800.

ANALYSIS IN PPM

AG.... CO3..... N

AL.... CR.....

AU.... CU.....

B..... 2. F..... 7.

BA.... FE+3.....

CA.... HCO3..... 458.

CL.... 275.

CO.... K..... 17.

MG... 0.2
MO...
NA... 386.
NA+K. S04.. 46.

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... GROSE, L.T., KELLER, G.V. (1975B) COLORADO SCHOOL OF MINES NEVADA GEOTHERMAL STUDY PROGRESS

REPORT NO.4-FOR PERIOD FEBRUARY 1, 1975 TO OCTOBER 31, 1975: COL. SCH. MINES REPT., NATL. SCI. FOUND. GRANT GI 43866

RECORD 01369

GEOTHERM FILE ID: 0000953

GEOTHERM SAMPLE FILE

NAME OF SAMPLE SOURCE... WARM SPRING AT BOWERS MANSION

LOCATION

COUNTRY..... UNITED STATES 16N 19E 03 NW

STATE..... NEVADA

COUNTY..... WASHOE

GEOLOGIC PROVINCE..

MAP REFERENCE..... WASHOE CITY 1:24000, RENO 1:250000

OTHER LOCALITY INFORMATION: 11 MI. N. OF CARSON CITY.

COORDINATES

LAT/LONG... 39-17.2 N 119-50.3 W

UTM ZONE... +11

NORTHING... 4352222.

EASTING... 255192.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1959/10/19 FETH, J. H.

TEMPERATURE (C)..... 49.0

DISCHARGE..... 265. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1959/12/04 ROGERS, S. M.

PH..... 9.2

SPECIFIC CONDUCTANCE..... 254.

ANALYSIS IN PPM

AG.... CO3..... 26.

AL.... CR.....

AS.... CS.....

AU.... CU.....

B..... 0.21 F..... 3.4

BA.... FE+3.....

BE.... FE(TOT). 0.02

BI.... GA.....

CA.... 3.2 HCO3..... 32.

CD.... H2S.....

LI... 0.11
MG... 1.0
MN... N
MO...
NA... 45.
NA+K. S04.. 36.
NH4.. N
NO3.. N
PO4.. 0.06

ISOTOPES (0/00)

CL.... 4.0
 CO.... K..... 0.6
REFERENCE AND IDENTIFICATION
 COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01370

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074493

NAME OF SAMPLE SOURCE... WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 18N 020E 34 LAT/LONG... 39-22.9 N 119-43.4 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4362462.
 GEOLOGIC PROVINCE.. EASTING.... 265430.
 MAP REFERENCE..... RENO AMS, STEAMBOAT 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1917/04/00
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 36.

WATER ANALYSIS

PH..... 7.7
 TOTAL DISSOLVED SOLIDS... 2056.

ANALYSIS IN PPM

AL....	CR.....	MG...	8.		
B....	F.....	NA...	679.		
BA....	FE+3....	NA+K.		S04..	234.
CA....	32. HCO3....				
CL....	750.				

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-59
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01371

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074521

NAME OF SAMPLE SOURCE... WELL
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 17N 020E 07 LAT/LONG... 39-21.0 N 119-46.95 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WASHOE NORTHING... 4359102.
 GEOLOGIC PROVINCE.. EASTING.... 260225.
 MAP REFERENCE..... RENO 1:250000, WASHOE CITY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1970/11/17
 TEMPERATURE (C)..... 21.

WATER ANALYSIS

ANALYSIS IN PPM

AG....	CO3.....	N			
AL....	CR.....	MG...	9.		
B....	F.....				

ISOTOPES (0/00)

BA..... FE+3..... NA+K. 19. S04.. 3.
 BE..... FE(TOT). 0.26
 CA..... 24. HCO3..... 151. NO3.. 5.9
 CL..... 5.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-61
 REFERENCE..... CWRR, 1973

RECORD 01372

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074544

NAME OF SAMPLE SOURCE... WELL

LOCATION		TOWNSHIP-RANGE	COORDINATES	
COUNTRY.....	UNITED STATES	18N 020E 09 SE OF NW	LAT/LONG...	39-26.5 N 119-44.7 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4369178.
GEOLOGIC PROVINCE..			EASTING....	263767.
MAP REFERENCE.....	RENO 1:250000, STEAMBOAT 1:24000			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1956/05/08
 TEMPERATURE (C)..... 30.
 WELL DEPTH (M)..... 34.

WATER ANALYSIS

PH..... 7.9
 SPECIFIC CONDUCTANCE..... 1508.
 TOTAL DISSOLVED SOLIDS... 1032.

ANALYSIS IN PPM

ANALYSIS IN PPM		ISOTOPE(S) (0/100)	
AL.....	CR.....	MG...	12.
AU.....	CU.....	MO...	SI02. 115.
B..... 12.	F..... 0.3	NA...	262.
BA.....	FE+3.....	NA+K.	S04.. 50.
CA..... 19.	HCO3..... 227.		
CL..... 313.			
CO.....	K..... 7.4		

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-30
 REFERENCE..... BATEMAN, R. L. AND SCHEIBACH, R. B., 1975

RECORD 01373

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074482

NAME OF SAMPLE SOURCE... WILLIS WELL

LOCATION		TOWNSHIP-RANGE	COORDINATES	
COUNTRY.....	UNITED STATES	19N 019E 36	LAT/LONG...	39-28.6 N 119-47.8 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WASHOE		NORTHING...	4373200.
GEOLOGIC PROVINCE..			EASTING....	259440.
MAP REFERENCE.....	RENO 1:250000, MT. ROSE N.E. 1:24000			
OTHER LOCALITY INFORMATION:	DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.			

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1962/05/14

TEMPERATURE (C)..... 28.
 WELL DEPTH (M)..... 34.

WATER ANALYSIS

PH..... 7.3
 TOTAL DISSOLVED SOLIDS... 365.

ANALYSIS IN PPM

AG.....	CO3.....	N			
AL.....	CR.....		MG...	5.9	
BA.....	FE+3.....		NA+K.	58.	S04.. 29.
CA..... 21.	HCO3.....	185.	NO3..	5.	
CL..... 11.					

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-1-14
 REFERENCE..... NBMG FILES: WASHOE CO. #NJ-11-1-14

RECORD 01374

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002197

NAME OF SAMPLE SOURCE... ZOLEZZI SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY.....	UNITED STATES	18N 020E	17 SE	LAT/LONG...	39-25.3 N 119-45.1 W
STATE.....	NEVADA				
COUNTY.....	WASHOE				
MAP REFERENCE.....	MT. ROSE NE 1:24000, RENO 1:250000				

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/01/05 WHITE, DON
 TEMPERATURE (C)..... 39.

WATER ANALYSIS

DATE/ANALYST..... 1950/04/26 BRANNOCK, W. W.
 PH..... 7.4
 SPECIFIC CONDUCTANCE..... 789.
 ALKALINITY..... AS CaCO3

ANALYSIS IN PPM

AG.....	CO3.....	N	LI...	1.5	SB... N
AL.....	CR.....		MG...	4.6	
AS..... 0.1					
AU.....	CU.....		MO...		SI02. 141.
B..... 6.2	F.....	0.3	NA...	141.	
BA.....	FE+3.....		NA+K.		S04.. 17.
CA..... 11.	HCO3.....	229.			
CD.....	H2S.....	N			
CL..... 126.					
CO.....	K.....	20.			

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK

RECORD 01375

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074664

NAME OF SAMPLE SOURCE... ARNOLDSON SPRING

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 061E 12 SW OF SE LAT/LONG... 38-54.5 N 115-04.0 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... WHITE PINE NORTHING... 4308173.
GEOLOGIC PROVINCE.. EASTING.... 667638.
MAP REFERENCE..... LUND 1:250000
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/10/13
TEMPERATURE (C)..... 22.
DISCHARGE..... 1380.

WATER ANALYSIS

ANALYSIS IN EPM

BA.... FE+3.... NA+K. 0.66
BE.... FE(TOT). NB... SR...
CA+MG. 3.0

ISOTOPES (0/00)

TRITIUM (T.U.)..... 9.

OTHER ANALYTICAL DATA... CL + SO4 = 1.28 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-6-15
REFERENCE..... MIFFLIN, M. D., 1968

RECORD 01376

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074663

NAME OF SAMPLE SOURCE... BUREAU OF LAND MANAGEMENT WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 13N 067E 35 SE LAT/LONG... 38-56.7 N 114-25.0 W
STATE..... NEVADA UTM ZONE... +11
COUNTY..... WHITE PINE NORTHING... 4313639.
GEOLOGIC PROVINCE.. EASTING.... 723890.
MAP REFERENCE..... LUND 1:250000, WHEELER PEAK 1:62500
OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/07/14
TEMPERATURE (C)..... 22.
WELL DEPTH (M)..... 120.
DISCHARGE..... 7.

WATER ANALYSIS

SPECIFIC CONDUCTANCE..... 158.

ANALYSIS IN PPM

AG.... CO3..... N
AL.... CR..... MG... 1.0
BA.... FE+3.... NA+K. 16. S04.. 5.8
CA.... 18. HCO3.... 88.
CL.... 3.5

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-6-16
REFERENCE..... RUSH, F. E. AND KAZMI, S. A. T., 1965

RECORD 01377

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074667

NAME OF SAMPLE SOURCE... BUREAU OF LAND MANAGEMENT WELL

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 12N 067E 02 NE LAT/LONG... 38-56.2 N 114-25.1 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WHITE PINE NORTHING... 4312710.
 GEOLOGIC PROVINCE.. EASTING.... 723772.
 MAP REFERENCE..... LUND 1:250000, WHEELER PEAK 1:62500
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1964/07/16
 TEMPERATURE (C)..... 24.
 WELL DEPTH (M)..... 124.
 DISCHARGE..... 50.

WATER ANALYSIS

PH..... 7.7
 SPECIFIC CONDUCTANCE..... 161.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
 AL.... CR..... MG... 0.9
 BA.... FE+3..... NA+K. 13. S04.. 64.
 CA.... 23. HCO3..... 92.
 CL.... 5.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-6-17
 REFERENCE..... RUSH, F. E. AND KAZMI, S. A. T., 1965

RECORD 01378

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074675

NAME OF SAMPLE SOURCE... CAMPBELL RANCH SPRINGS, NORTH GROUP

LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 19N 063E 05 SW LAT/LONG... 39-32.3 N 114-54.7 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WHITE PINE NORTHING... 4378392.
 GEOLOGIC PROVINCE.. EASTING.... 679466.
 MAP REFERENCE..... ELY 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1918/04/09
 TEMPERATURE (C)..... 24.4
 DISCHARGE..... 1350.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 268.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... N
 AL.... CR..... MG... 21.
 AU.... CU..... MO... SI02. 32.
 BA.... FE+3..... NA+K. 15. S04.. 20.
 BE.... FE(TOT). 0.05
 CA.... 52. HCO3..... 268.
 CL.... 4.5

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-3-7

REFERENCE..... CLARK, W. O., RIDDELL, C. W., AND MEINZER, O. E., 1920

RECORD 01379

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074676

NAME OF SAMPLE SOURCE... CAMPBELL RANCH SPRINGS, NORTH GROUP
 WARING NUMBER..... 100

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	19N 063E 05 SW	LAT/LONG... 39-32.3 N 114-54.7 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	WHITE PINE		NORTHING... 4378392.
GEOLOGIC PROVINCE..			EASTING... 679466.
MAP REFERENCE.....	ELY 1:250000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1917/09/06
 TEMPERATURE (C)..... 24.4
 DISCHARGE..... Q 5110.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 320.
 ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3.....	62.			
BA.....	FE+3.....		NA+K, 60.	S04.. 21.	
BE.....	FE(TOT)..	0.2			
CA.....	HCO3.....	257.			
CL.....		6.2			

QUALIFICATION FIELD..... IN OCTOBER, 1918, INDIVIDUAL SPRINGS FLOWED AT RATES FROM 112 TO 224 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-3-7
 REFERENCE..... CLARK, W.O., RIDDELL, C.W., MEINZER, O.E., 1920, AND WARING, G.A., 1965

RECORD 01380

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074083

NAME OF SAMPLE SOURCE... CHERRY CREEK (YOUNG'S) HOT SPRINGS: JOHN SALVI'S HOTSPRING

<u>LOCATION</u>		<u>TOWNSHIP-RANGE</u>	<u>COORDINATES</u>
COUNTRY.....	UNITED STATES	23N 63E 07	LAT/LONG... 39-52.6 N 114-53.6 W
STATE.....	NEVADA		UTM ZONE... +11
COUNTY.....	WHITE PINE		NORTHING... 4415983.
GEOLOGIC PROVINCE..			EASTING... 680160.
MAP REFERENCE.....	ELY 1:250000		

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 65.0
 DEPOSITS OR ALTERATION... TRAVERTINE REPORTED

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... HOSE, R.K., TAYLOR, B.E. (1974) GEOTHERMAL SYSTEMS OF NORTHERN NEVADA: USGS OPEN FILE REPORT 74-271

RECORD 01381

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002198

NAME OF SAMPLE SOURCE... CHERRY CREEK (YOUNG'S)
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 23N 63E 10 LAT/LONG... 39-52.0 N 114-50.0 W
 STATE..... NEVADA
 COUNTY..... WHITE PINE
 MAP REFERENCE..... ELY 1:250000
 OTHER LOCALITY INFORMATION: 1 1/4 MI. SOUTHWEST OF CHERRY CREEK OF RAILWAY STATION

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1917/08/00
 TEMPERATURE (C)..... 57.2
 DISCHARGE..... 151. L/MIN
 PERTINENT LITHOLOGY..... FROM VALLEY ALLUVIUM NEAR PALEOZOIC STRATA.
 OTHER SAMPLE INFORMATION.. 3 SPRINGS WITH TEMPERATURES OF 57.2, 51.1, AND 47.7 DEG. C.

WATER ANALYSIS

DATE/ANALYST..... CHAMBERS, A. A.; KIDWELL; FOSTER
 ALKALINITY..... 37. AS CaCO3
 TOTAL DISSOLVED SOLIDS... 518.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3.....	7.7			
AL....	CR.....		MG...	1.1	
AU....	CU.....		MO...		SI02. 100.
B.....	F.....		NA...	162.	
BA....	FE+3....		NA+K.		S04.. 17.
BE....	FE(TOT)..	12.			
CA....	HCO3....	375.	NO3..	0.75	

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK;
 CLARK, W. D. AND RIDDELL, C. W., 1920, USGS WATER SUPPLY PAPER 467, P. 43

RECORD 01382

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074666

NAME OF SAMPLE SOURCE... COLD SPRING
LOCATION TOWNSHIP-RANGE COORDINATES
 COUNTRY..... UNITED STATES 12N 061E 12 SW OF NW LAT/LONG... 38-54.9 N 115-04.5 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WHITE PINE NORTHING... 4308898.
 GEOLOGIC PROVINCE.. EASTING.... 666899.
 MAP REFERENCE..... LUND 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/10/13
 TEMPERATURE (C)..... 21.
 DISCHARGE..... 780.

WATER ANALYSISANALYSIS IN EPMISOTOPES (0/00)

BA....	FE+3....		NA+K.	0.65	
BE....	FE(TOT)..		NB...		SR...
CA+MG.		3.5			TRITIUM (T.U.)..... 8.

OTHER ANALYTICAL DATA... CL + S04 = 1.15 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-6-14

REFERENCE..... MIFFLIN, M. D., 1968

RECORD 01383

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074740

NAME OF SAMPLE SOURCE... COLLAR AND ELBO SPRING
WARING NUMBER..... 94

LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 26N 06E 27
STATE..... NEVADA
COUNTY..... WHITE PINE
GEOLOGIC PROVINCE..
MAP REFERENCE..... ELKO 1:250000

COORDINATES
LAT/LONG... 40-05.8 N 114-38.6 W
UTM ZONE... +11
NORTHING... 4440938.
EASTING... 700895.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 33.
DISCHARGE..... 20.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... WARING, G. A., 1965

RECORD 01384

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002200

NAME OF SAMPLE SOURCE... ELY WARM SPRING
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16N 63E 10
STATE..... NEVADA
COUNTY..... WHITE PINE
MAP REFERENCE..... EAST ELY 1:24000, ELY 1:250000
OTHER LOCALITY INFORMATION: 1 1/2 MI. NORTHEAST OF ELY

COORDINATES
LAT/LONG... 39-16.0 N 114-50.7 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1918/04/00
TEMPERATURE (C)..... 29.4
DISCHARGE..... 87. L/MIN
PERTINENT LITHOLOGY..... FROM VALLEY ALLUVIUM NEAR PALEOZOIC STRATA.

WATER ANALYSIS

DATE/ANALYST..... CHAMBERS, KIDWELL AND FOSTER
ALKALINITY..... 220. AS CaCO3
TOTAL DISSOLVED SOLIDS... 314.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	23.		
AU.....	CU.....	MO...		SI02.	37.
B.....	F.....	NA...	19.		
BA.....	FE+3.....	NA+K.		S04..	68.
BE.....	FE(TOT). 0.22				
CA..... 51.	HCO3..... 222.	N03..	0.67		
CL..... 7.5					

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK;
CLARK, W. D. AND RIDDELL, C. W., 1920, USGS WATER SUPPLY PAPER 467, P. 43

RECORD 01385

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074680

NAME OF SAMPLE SOURCE... ELY WARM SPRINGS
 WARING NUMBER..... 102

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 16N 063E 10
 STATE..... NEVADA
 COUNTY..... WHITE PINE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELY 1:250000, EAST ELY 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

LAT/LONG... 39-16.1 N 114-52.0 W
 UTM ZONE... +11
 NORTHING... 4348515.
 EASTING... 684043.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1918/04/10
 TEMPERATURE (C)..... 29.
 DISCHARGE..... 22.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 314.

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	23.		
AU....	CU.....	MO...		SI02.	37.
B....	F..... 0.67				
BA....	FE+3....	NA+K.	19.	S04..	68.
BE....	FE(TOT). 0.22				
CA.... 51.	HC03.... 222.				
CL.... 7.5					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-3-10
 REFERENCE..... CLARK, W.O., RIDDELL, C.W., MEINZER, O.E., 1920, AND WARING, G.A., 1965

RECORD 01386

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074007

NAME OF SAMPLE SOURCE... ELY-LACKAWANNA ZONE - LACKAWANNA HOT SPRINGS

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 16N 63E 03 NE
 STATE..... NEVADA
 COUNTY..... WHITE PINE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELY 1:250000, RUTH 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

LAT/LONG... 39-17.1 N 114-51.8 W
 UTM ZONE... +11
 NORTHING... 4350372.
 EASTING... 684287.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/21
 TEMPERATURE (C)..... 35.0

OTHER SAMPLE INFORMATION.. DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES, NA+K=19 PPM, SODIUM ABSORPTION
 RATIO=0.6, RESIDUAL SODIUM CARBONATE=0.6

WATER ANALYSIS

PH..... 8.0

ANALYSIS IN PPMISOTOPES (0/00)

AG....	CO3..... N				
AL....	CR.....	MG...	25.		
BA....	FE+3....	NA+K.		S04..	83.

CA.... 32. HC03.... 148.
CL.... 10.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... EAKIN, T. E., HUGHES, J. L., MOORE, D. O. (1967) GROUND-WATER APPRAISAL OF STEPTOE VALLEY, WHITE PINE COUNTY, NEVADA; NEV. DEPT. CONSERV. NAT. RESOURCES, WATER RESOURCES- RECONN. SER. REPT. 42

RECORD 01387

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074672

NAME OF SAMPLE SOURCE... GIOCOEHEA WARM SPRINGS AREA

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	22N 056E 01 NE OF NE	LAT/LONG...	39-48.7 N 115-36.5 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WHITE PINE		NORTHING...	4407571.
GEOLOGIC PROVINCE..			EASTING....	619123.

MAP REFERENCE..... ELY 1:250000, COLD CREEK RANCH 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/10/25

TEMPERATURE (C)..... 24.

DISCHARGE..... Q 6814.

WATER ANALYSISANALYSIS IN EPMISOTOPES (0/00)

BA....	FE+3....	NA+K.	0.96
CA+MG.	4.6		

OTHER ANALYTICAL DATA... CL + SO4 = 0.91 EPM.

QUALIFICATION FIELD..... FLOW VARIES FROM 900 TO 2700 GPM, PROBABLY VARIES SEASONALLY AND ANNUALLY.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-3-4
REFERENCE..... MIFFLIN, M. D., 1968 AND EAKIN, T. E., 1960

RECORD 01388

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0074691

NAME OF SAMPLE SOURCE... HANS L. ANDERSON WATER WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY.....	UNITED STATES	23N 066E 31 NW	LAT/LONG...	39-49.9 N 114-33.8 W
STATE.....	NEVADA		UTM ZONE...	+11
COUNTY.....	WHITE PINE		NORTHING...	4411705.
GEOLOGIC PROVINCE..			EASTING....	708520.

MAP REFERENCE..... ELY 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 26.

WELL DEPTH (M)..... 317.

DISCHARGE..... Q 66.

QUALIFICATION FIELD..... FLOW RATE VARIES FROM 5-30 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-3-3
REFERENCE..... RUSH, F. E., AND KAZMI, S. A. T., 1965

RECORD 01389

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074669

NAME OF SAMPLE SOURCE... LACKAWANNA HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16N 063E 03 NE
 STATE..... NEVADA
 COUNTY..... WHITE PINE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELY 1:250000, COMINS LAKE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

COORDINATES

LAT/LONG... 39-17.1 N 114-51.9 W
 UTM ZONE... +11
 NORTHING... 4519904.
 EASTING... 474143.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 21.
 DISCHARGE..... 135.

WATER ANALYSIS

PH..... 8.7
 SPECIFIC CONDUCTANCE..... 600.
 TOTAL DISSOLVED SOLIDS... 420.

ANALYSIS IN PPM

B..... F..... NA... 29.
 BA..... FE+3..... NA+K. 94. S04.. 138.
 CL.... 20.

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... HCO3 + CO3 = 155.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-3-9
 REFERENCE..... HOLMES, G. H., JR., 1966

RECORD 01390

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074679

NAME OF SAMPLE SOURCE... LACKAWANNA HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 16N 063E 03 NE
 STATE..... NEVADA
 COUNTY..... WHITE PINE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELY 1:250000, COMINS LAKE 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

COORDINATES

LAT/LONG... 39-17.1 N 114-53.9 W
 UTM ZONE... +11
 NORTHING... 4350301.
 EASTING... 681267.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/21
 TEMPERATURE (C)..... Q 32.

WATER ANALYSIS

PH..... 8.0

ANALYSIS IN PPM

AG..... CO3..... N
 AL..... CR..... MG... 25.
 BA..... FE+3..... NA+K. 19. S04.. 83.
 CA.... 32. HCO3..... 148.
 CL.... 10.

ISOTOPES (0/00)

QUALIFICATION FIELD..... TEMPERATURE LISTED IS A MINIMUM - GIVEN AS 32-35 C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-3-9
REFERENCE..... EAKIN, T. E., HUGHES, J. L., AND MOORE, D. O., 1967

RECORD 01391

GEOHERM SAMPLE FILE

GEOTHERM FILE ID: 0074690

NAME OF SAMPLE SOURCE... LAWRENCE HENROID WATER WELL
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 23N 066E 31 NE
STATE..... NEVADA
COUNTY..... WHITE PINE
GEOLOGIC PROVINCE..
MAP REFERENCE..... ELY 1:250000

COORDINATES
LAT/LONG... 39-49.9 N 114-33.1 W
UTM ZONE... +11
NORTHING... 4411733.
EASTING.... 709518.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1950/06/22
TEMPERATURE (C)..... 32.
WELL DEPTH (M)..... 183.
DISCHARGE..... 50.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
REFERENCE..... RUSH, F. E., AND KAZMI, S. A. T., 1965

RECORD 01392

GEOHERM SAMPLE FILE

GEOTHERM FILE ID: 0074673

NAME OF SAMPLE SOURCE... LOWER SHELLBOURNE WARM SPRING
LOCATION
COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22N 054E 12
STATE..... NEVADA
COUNTY..... WHITE PINE
GEOLOGIC PROVINCE..
MAP REFERENCE..... ELY 1:250000

COORDINATES
LAT/LONG... 39-47.6 N 114-41.3 W
UTM ZONE... +11
NORTHING... 4407166.
EASTING.... 697932.

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/09/11
TEMPERATURE (C)..... 25.
DISCHARGE..... 450.

WATER ANALYSIS

ANALYSIS IN EPM

BA.... FE+3.... NA+K. 0.36
BE.... FE(TOT). NB... SR...
CA+MG. 4.2

ISOTOPES (0/00)

TRITIUM (T.U.)..... L 8.

OTHER ANALYTICAL DATA... CL + SO4 = 0.37 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
COMPILER CROSS INDEX... NJ-11-3-5
REFERENCE..... MIFFLIN, M. D., 1968

RECORD 01393

GEOHERM SAMPLE FILE

GEOTHERM FILE ID: 0002201

NAME OF SAMPLE SOURCE... MC GILL
LOCATION TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 19N 63E 05
STATE..... NEVADA
COUNTY..... WHITE PINE
MAP REFERENCE..... ELY 1:250000
OTHER LOCALITY INFORMATION: WARM SPRINGS 6 MI. NORTHWEST OF MC GILL

LAT/LONG... 39-32.5 N 114-54.5 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1918/04/00
TEMPERATURE (C)..... Q
DISCHARGE..... 757. L/MIN
PERTINENT LITHOLOGY..... CARBONIFEROUS STRATA.

WATER ANALYSIS

DATE/ANALYST..... CHAMBERS, KIDWELL, AND FOSTER
ALKALINITY..... 216. AS CAC03
TOTAL DISSOLVED SOLIDS... 268.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... CO3..... N
AL.... CR..... MG... 21.
AU.... CU..... MO... SI02. 32.
B.... F..... NA... 15.
BA.... FE+3..... NA+K. S04.. 20.
BE.... FE(TOT). 0.05
CA.... 52. HCO3.... 268. NO3.. 2.1
CL.... 4.5

QUALIFICATION FIELD..... TEMPERATURE RECORDED AS 58-76 DEG.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK;
CLARK, W. D., AND RIDDELL, C. W., 1920, USGS WATER SUPPLY PAPER 467, P. 43

RECORD 01394

GEO THERM FILE ID: 0002202

GEO THERM SAMPLE FILE

NAME OF SAMPLE SOURCE... MC GILL

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 64E 21
STATE..... NEVADA
COUNTY..... WHITE PINE
MAP REFERENCE..... ELY 1:250000
OTHER LOCALITY INFORMATION: WARM SPRING 3/4 MI. WEST OF MC GILL

COORDINATES

LAT/LONG... 39-25.0 N 114-46.5 W

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1918/04/00
TEMPERATURE (C)..... R 27.
DISCHARGE..... 1703. L/MIN
PERTINENT LITHOLOGY..... FROM VALLEY ALLUVIUM NEAR PALEOZOIC ROCKS.
OTHER SAMPLE INFORMATION.. THERE ARE 3 MAIN SPRINGS INCLUDING SPRING OF 26 DEG C FLOWING 17000. L/MIN.

WATER ANALYSIS

DATE/ANALYST..... CHAMBERS, KIDWELL, AND FOSTER
ALKALINITY..... 221.
TOTAL DISSOLVED SOLIDS... 266.

ISOTOPES (0/00)

ANALYSIS IN PPM

AG.... CO3..... N
AL.... CR..... MG... 21.
AU.... CU..... MO... SI02. 32.
BA.... FE+3..... NA+K. 12. S04.. 21.
BE.... FE(TOT). 0.1

CA..... 54. HC03..... 267. NO3.. 1.2
 CL..... 4.3
 QUALIFICATION FIELD..... TEMPERATURE RANGES FROM 24-30 DEG C.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK;
 CLARK, W. D., AND RIDDELL, C. W., 1920, USGS WATER SUPPLY PAPER 467, P. 43

RECORD 01395

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074677

NAME OF SAMPLE SOURCE... MCGILL WARM SPRINGS
 WARING NUMBER..... 101

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 064E 21 SE OF NW
 STATE..... NEVADA
 COUNTY..... WHITE PINE

COORDINATES

LAT/LONG... 39-24.9 N 114-46.8 W
 UTM ZONE... +11
 NORTHING... 4364974.
 EASTING... 691120.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELY 1:250000, MCGILL 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1913/04/13
 TEMPERATURE (C)..... 29.
 DISCHARGE..... 4500.

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 266.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.....	CO3..... N				
AL.....	CR.....	MG...	21.		
AU.....	CU.....	MO...		SI02.	32.
BA.....	FE+3.....	NA+K.	12.	S04..	21.
BE.....	FE(TOT)..		0.1		
CA..... 54.	HC03.....		267.		
CL..... 4.3					

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-3-8
 REFERENCE..... CLARK, W.O., RIDDELL, C.W., MEINZER, O.E., 1920, AND WARING, G.A., 1965

RECORD 01396

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074678

NAME OF SAMPLE SOURCE... MCGILL WARM SPRINGS
 WARING NUMBER..... 101

LOCATION

COUNTRY..... UNITED STATES TOWNSHIP-RANGE 18N 064E 21 SE OF NW
 STATE..... NEVADA
 COUNTY..... WHITE PINE

COORDINATES

LAT/LONG... 39-24.9 N 114-46.8 W
 UTM ZONE... +11
 NORTHING... 4364974.
 EASTING... 691120.

GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELY 1:250000, MCGILL 1:24000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1965/09/29
 TEMPERATURE (C)..... 29.

DISCHARGE..... 4578.
 WATER ANALYSIS
 ANALYSIS IN EPM
 BA..... FE+3..... NA+K. 1.0
 CA+MG. 5.1

ISOTOPES (0/00)

OTHER ANALYTICAL DATA... CL + SO4 = 3.3 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-3-8
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 01397

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002203

NAME OF SAMPLE SOURCE... MELVIN HOT SPRING (MONTE NEVA)

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... NEVADA 21N 63E 24

COORDINATES

LAT/LONG... 39-40.0 N 114-48.3 W

COUNTY..... WHITE PINE
 MAP REFERENCE..... ELY 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1917/08/21
 TEMPERATURE (C)..... 79.0

WATER ANALYSIS

TOTAL DISSOLVED SOLIDS... 518.

ISOTOPES (0/00)

ANALYSIS IN PPM
 AG..... CO3..... 7.7
 AL..... CR..... MG... 1.1
 AU..... CU..... MO... SI02. 100.
 B..... F..... 0.75 NA... 162.
 BA..... FE+3..... NA+K. S04.. 17.
 BE..... FE(TOT). 0.12
 CA..... 13. HCO3..... 375.
 CL..... 17.

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK,
 CLARK, W. O., RIDDELL, C. W., WATER SUPPLY PAPER 467, P. 47

RECORD 01398

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0002205

NAME OF SAMPLE SOURCE... MELVIN HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP=RANGE
 STATE..... NEVADA 21N 63E 24

COORDINATES

LAT/LONG... 39-40.0 N 114-48.3 W

COUNTY..... WHITE PINE
 MAP REFERENCE..... ELY 1:250000

OTHER LOCALITY INFORMATION: 17 MILES NORTH OF MC GILL, 1 MILE OF NORTHWEST OF WARM SPRINGS STATION

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1917/08/00
 TEMPERATURE (C)..... 83.0
 DISCHARGE..... 2366. L/MIN
 DEPOSITS OR ALTERATION... TUFA MOUND OF 12 ACRES, 20 FT. HIGH.

PERTINENT LITHOLOGY..... FROM VALLEY ALLUVIUM NEAR PALEOZOIC STRATA.
OTHER SAMPLE INFORMATION.. 6 MAIN SPRINGS.

WATER ANALYSIS

DATE/ANALYST..... CHAMBERS, KIDWELL, AND FOSTER
ALKALINITY..... 254. AS CaCO3
TOTAL DISSOLVED SOLIDS... 349.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... T
AL.... CR..... MG... 21.
AU.... CU..... MO... SI02. 54.
BA.... FE+3..... NA+K. 26. S04.. 25.
BE.... FE(TOT). 0.19
CA.... 67. HCO3.... 324. NO3.. 0.9
CL.... 6.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK;
CLARK, W. O. AND RIDDELL, C. W., 1920, USGS WATER SUPPLY PAPER 467, P. 43

RECORD 01399

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0002204

NAME OF SAMPLE SOURCE... MELVIN HOT SPRINGS (MONTE NEVA SPRINGS)

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES
STATE..... NEVADA
COUNTY..... WHITE PINE
MAP REFERENCE..... ELY 1:250000
OTHER LOCALITY INFORMATION: 17 MI. NORTH OF MC GILL
LAT/LONG... 39-40.0 N 114-48.3 W

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 79.0
DEPOSITS OR ALTERATION... CALC TUFA MOUND COVERS 12 ACRES, MA. 12 FT. HIGH.
PERTINENT LITHOLOGY..... VALLEY ALLUVIUM NEAR PALEOZOIC ROCKS.

WATER ANALYSIS

DATE/ANALYST..... CHAMBERS, A. A.; USGS
TOTAL DISSOLVED SOLIDS... 349.

ANALYSIS IN PPM

ISOTOPES (0/00)

AG.... CO3..... T
AL.... CR..... MG... 21.
AU.... CU..... MO... SI02. 54.
BA.... FE+3..... NA+K. 26. S04.. 25.
BE.... FE(TOT). 0.19
CA.... 67. HCO3.... 324. NO3.. 0.09
CL.... 6.6

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
REFERENCE..... PERSONAL FILE OF DON WHITE, USGS, MENLO PARK;
CLARK AND RIDDELL, 1920, USGS WATER SUPPLY PAPER 467, P. 43

RECORD 01400

GEO THERM SAMPLE FILE

GEO THERM FILE ID: 0000806

NAME OF SAMPLE SOURCE... MONTE NEVA

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 21N 63E 24
 STATE..... NEVADA
 COUNTY..... WHITE PINE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... ELY 1:250000

LAT/LONG... 39-40. N 119-45. W
 UTM ZONE... +11
 NORTHING... 4394167.
 EASTING.... 264100.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/00/00 BARNES GROUP
 WATER TREATMENT..... PRESSURE - FILTERED THROUGH A .45 MICROMETRE MEMBRANE, PORTION ACIDIFIED, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1973/00/00 BARNES GROUP

ANALYSIS IN MG/L

AG....	CO3.....	LI...	SB...
AL....	CR.....	MG...	SC...
AS....	CS..... L 0.1	MN... L 0.02	
AU....	CU..... 0.01		
BE....	FE(TOT). 0.02		
CA+MG.	HG..... L 0.0001		
CL....	I.....	RB... 0.03	

ISOTOPES (0/00)

DEL D OF WATER..... -127.8
 DEL O(18) OF WATER... -16.68

GAS ANALYSIS

DATE/ANALYST..... 1974/00/00 BARNES GROUP

ANALYSIS IN VOLUME %

CH4.. L 1.	
C2H6.	N2... 71.
CO2.. 26.	

ISOTOPES (00/0)

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA
 COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY
 REFERENCE..... MARINER, PRESSER, RAPP, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 01401

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074106

NAME OF SAMPLE SOURCE... MONTE NEVA (MELVIN, GOODRICH) HOT SPRINGS

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 21N 63E 25 NE OF NW	LAT/LONG... 39-40.6 N 114-48.1 W
STATE..... NEVADA	UTM ZONE... +11
COUNTY..... WHITE PINE	NORTHING... 4393972.
GEOLOGIC PROVINCE..	EASTING.... 688545.

MAP REFERENCE..... ELY 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/10/27
 TEMPERATURE (C)..... 78.9
 DISCHARGE..... 620. L/MIN

WATER ANALYSIS

ANALYSIS IN EPM

BA....	FE+3....	NA+K. 0.72
CA+MG. 4.8		

ISOTOPES (0/00)

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... MIFFLIN, M. D., 1968, DELINEATION OF GROUND-WATER FLOW SYSTEMS IN NEVADA: NEVADA UNIV. RENO, DESERT RESEARCH INST., CENTER FOR WATER RESOURCES RESEARCH TECH. REPT. H-W, NO. 4

RECORD 01402

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074107

NAME OF SAMPLE SOURCE... MONTE NEVA (MELVIN, GOODRICH) HOT SPRINGS

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>
COUNTRY.....	UNITED STATES 21N 63E 24 SW

<u>COORDINATES</u>	
LAT/LONG...	39-40.0 N 114-49.4 W
UTM ZONE...	+11
NORTHING...	4392817.
EASTING....	686713.

STATE..... NEVADA

COUNTY..... WHITE PINE

GEOLOGIC PROVINCE..

MAP REFERENCE..... ELY 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 89.4

DISCHARGE..... 625. L/MIN

OTHER SAMPLE INFORMATION.. TEMPERATURE LISTED IS A MAX - GIVEN AS 173-193 F. WARING NO. 98.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... WARING, G. A., 1965, THERMAL SPRINGS OF THE UNITED STATES AND OTHER COUNTRIES OF THE WORLD:
U.S. GEOL. SURVEY PROF. PAPER 492, NO. 98

RECORD 01403

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074665

NAME OF SAMPLE SOURCE... NICHOLAS SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>
COUNTRY.....	UNITED STATES 12N 061E 12 SW OF SE

<u>COORDINATES</u>	
LAT/LONG...	38-54.5 N 115-04.0 W
UTM ZONE...	+11
NORTHING...	4308173.
EASTING....	667638.

STATE..... NEVADA

COUNTY..... WHITE PINE

GEOLOGIC PROVINCE..

MAP REFERENCE..... LUND 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/10/16

TEMPERATURE (C)..... 22.

DISCHARGE..... 1125.

WATER ANALYSISANALYSIS IN EPM

BA.....

FE+3.....

NA+K. 0.64

BE.....

FE(TOT).

NB...

SR...

CA+MG. 3.5

ISOTOPES (0/00)

TRITIUM (T.U.)..... 8.

OTHER ANALYTICAL DATA... CL + SO4 = 1.31 EPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-6-15

REFERENCE..... MIFFLIN, M. D., 1968

RECORD 01404

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074662

NAME OF SAMPLE SOURCE... PRESTON BIG SPRING

<u>LOCATION</u>	<u>TOWNSHIP-RANGE</u>
COUNTRY.....	UNITED STATES 12N 061E 02 SW OF NE

<u>COORDINATES</u>	
LAT/LONG...	38-55.85 N 115-04.95 W
UTM ZONE...	+11

STATE..... NEVADA

COUNTY..... WHITE PINE
 GEOLOGIC PROVINCE..
 MAP REFERENCE..... LUND 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

NORTHING... 4310641.
 EASTING.... 666212.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/10/13
 TEMPERATURE (C)..... 21.
 DISCHARGE..... 3900.

WATER ANALYSIS

ISOTOPES (0/00)

ANALYSIS IN EPM

BA.... FE+3.... NA+K. 0.64
 BE.... FE(TOT). NB... SR... TRITIUM (T.U.)..... 8.
 CA+MG. 1.2

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-6-13
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 01405

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074681

NAME OF SAMPLE SOURCE... PRESTON BIG SPRING
 WARING NUMBER..... 104

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 12N 061E 02 SW OF NE LAT/LONG... 38-55.85 N115-04.95 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WHITE PINE NORTHING... 4310641.
 GEOLOGIC PROVINCE.. EASTING.... 666212.
 MAP REFERENCE..... LUND 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 22.
 DISCHARGE..... 5700.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-6-13
 REFERENCE..... LAMKE, R.D., AND MOORE, D.O., 1965 AND WARING, G.A., 1919

RECORD 01406

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074084

NAME OF SAMPLE SOURCE... SHELL OIL CO. STEPTOE UNIT NO.1 WELL

LOCATION

TOWNSHIP-RANGE

COORDINATES

COUNTRY..... UNITED STATES 24N 64E 19 NE OF NE LAT/LONG... 39-56.6 N 114-46.3 W
 STATE..... NEVADA UTM ZONE... +11
 COUNTY..... WHITE PINE NORTHING... 4423635.
 GEOLOGIC PROVINCE.. EASTING.... 690381.
 MAP REFERENCE..... ELY 1:250000
 OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 151.1
 WELL DEPTH (M)..... 2562.
 OTHER SAMPLE INFORMATION.. EXPLORATORY OIL WELL

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 REFERENCE..... NEVADA BUREAU OF MINES AND GEOLOGY WHITE PINE CO. NO. 2A

RECORD 01407

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0000807

NAME OF SAMPLE SOURCE... UNNAMED HOT SPRING NEAR CHERRY CREEK

LOCATION TOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 23N 63E 06

LAT/LONG... 39-53.7 N 114-53.5 W

STATE..... NEVADA

COUNTY..... WHITE PINE

MAP REFERENCE..... LEACH HOT SPRINGS 1:62500, WINNEMUCCA 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1973/00/00 BARNES GROUP

WATER TREATMENT..... PRESSURE - FILTERED THROUGH .45 MICROMETRE MEMBRANE, PORTION ACIDIFIED, DILUTED

WATER ANALYSIS

DATE/ANALYST..... 1973/00/00 BARNES GROUP

ANALYSIS IN MG/LISOTOPES (0/00)

AG....	CO3.....	LI...	SB...
AL....	CR.....	MG...	SC...
AS....	CS..... 0.1	MN... 0.06	
AU....	CU..... L 0.01		
BE....	FE(TOT). L 0.02		
CA+MG.	HG..... L 0.0001		
CL....	I.....	RB... 0.08	

DEL D OF WATER..... -127.8

DEL O(18) OF WATER... -16.20

REFERENCE AND IDENTIFICATION

COMPILED BY..... SANFORD, LINDA

COMPILER AFFILIATION... U.S. GEOLOGICAL SURVEY

REFERENCE..... MARINER, RAPP, PRESSER, WILLEY, THE MINOR AND TRACE ELEMENTS, GAS, AND ISOTOPE COMPOSITIONS OF THE PRINCIPAL HOT SPRINGS OF NEVADA AND OREGON.

RECORD 01408

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074688

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION TOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 26N 065E 33

LAT/LONG... 40-05.01 N 114-38.06 W

STATE..... NEVADA

COUNTY..... WHITE PINE

GEOLOGIC PROVINCE..

MAP REFERENCE..... ELKO 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.91 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1918/08/12

TEMPERATURE (C)..... 33.

DISCHARGE..... Q 68.

QUALIFICATION FIELD..... A FLOW RATE OF 34 GPM REPORTED 8-12-1918.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NK-11-12-7

REFERENCE..... CLARK, W. O., RIDDELL, C. W., AND MEINZER, O. E., 1920

RECORD 01409

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074689

NAME OF SAMPLE SOURCE... UNNAMED SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 24N 06E 31 NE
 STATE..... NEVADA
 COUNTY..... WHITE PINE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-55.01 N 114-39.6 W
 UTM ZONE... +11
 NORTHING... 4420938.
 EASTING.... 699999.

MAP REFERENCE..... ELY 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 28.
 DISCHARGE..... 450.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-3-1
 REFERENCE..... SNYDER, C. A., 1963

RECORD 01410

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074674

NAME OF SAMPLE SOURCE... UPPER SHELLBOURNE SPRING

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 22N 06E 08 SE OF NW
 STATE..... NEVADA
 COUNTY..... WHITE PINE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 39-48.0 N 114-39.3 W
 UTM ZONE... +11
 NORTHING... 4407981.
 EASTING.... 700767.

MAP REFERENCE..... ELY 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1966/09/11
 TEMPERATURE (C)..... 25.
 DISCHARGE..... 450.

WATER ANALYSISANALYSIS IN EPM

BA..... FE+3..... NA+K. 0.17
 BE..... FE(TOT). NB... SR...
 CA+MG. 4.4

ISOTOPES (0/00)

TRITIUM (T.U.)..... L 8.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.
 COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY
 COMPILER CROSS INDEX... NJ-11-3-6
 REFERENCE..... MIFFLIN, M. D., 1968

RECORD 01411

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074353

NAME OF SAMPLE SOURCE... WILLIAMS HOT SPRINGS

LOCATION
 COUNTRY..... UNITED STATES TOWNSHIP-RANGE 13N 60E 33 NE
 STATE..... NEVADA
 COUNTY..... WHITE PINE
 GEOLOGIC PROVINCE..

COORDINATES
 LAT/LONG... 38-57.2 N 115-13.8 W
 UTM ZONE... +11
 NORTHING... 4312880.
 EASTING.... 653377.

MAP REFERENCE..... LUND 1:250000

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.55 MILES

SAMPLE DESCRIPTION AND CONDITIONS

TEMPERATURE (C)..... 53.3

DISCHARGE..... 700. L/MIN

OTHER SAMPLE INFORMATION.. TEMPERATURE LISTED IS HIGHER OF 2 - LOWER: 124 F. DISCHARGE IS MAX - GIVEN AS 50-185 GPM.

REFERENCE AND IDENTIFICATION

COMPILED BY..... KOENIG, B. A.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

REFERENCE..... MAXEY, G. B., EAKIN, T. E. (1949) GROUND WATER IN WHITE RIVER VALLEY, WHITE PINE, NYE, AND LINCOLN COUNTIES, NEVADA; STATE OF NEVADA, OFFICE OF THE STATE ENGINEER WATER RESOURCES BULL. 8

RECORD 01412

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0074988

NAME OF SAMPLE SOURCE... UNNAMED WELL

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 17S 050E 23 NW OF NW

LAT/LONG... 36-27.9 N 116-18.8 W

STATE..... NEVADA

UTM ZONE... +11

COUNTY..... 13

NORTHING... 4035543.

GEOLOGIC PROVINCE..

EASTING... 561524.

MAP REFERENCE..... DEATH VALLEY 1:250000, ASH MEADOWS 1:62500

OTHER LOCALITY INFORMATION: DIGITIZED LOCATION ACCURATE TO WITHIN 0.38 MILES.

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1971/02/00

TEMPERATURE (C)..... 34.

WELL DEPTH (M)..... 43.

REFERENCE AND IDENTIFICATION

COMPILED BY..... FLYNN, T.

COMPILER AFFILIATION... NEVADA BUREAU OF MINES AND GEOLOGY

COMPILER CROSS INDEX... NJ-11-11-63

REFERENCE..... DUDLEY, W. W., JR., AND LARSON, J. D., 1976

RECORD 01413

GEOHERM SAMPLE FILE

GEOHERM FILE ID: 0015444

NAME OF SAMPLE SOURCE... FISHER HOT SPRING

WELL/SPRING NUMBER..... 07S/38E-10BA

LOCATIONTOWNSHIP-RANGECOORDINATES

COUNTRY..... UNITED STATES 07S 038E 10 NE OF NW

LAT/LONG... 44-58.48 N 118-02.61 W

STATE..... OREGON

UTM ZONE... +11

COUNTY..... BAKER

NORTHING... 4980449.

GEOLOGIC PROVINCE..

EASTING... 417718.

MAP REFERENCE..... ROCK CREEK 1:24000, CANYON CITY 1:250000

SAMPLE DESCRIPTION AND CONDITIONS

DATE/COLLECTOR..... 1972/06/14 BROOKS, HOWARD

SAMPLE NUMBER..... 2125 ORE STATE BOARD OF HEALTH

TEMPERATURE (C)..... 37.0

DISCHARGE..... 1893. L/MIN

WATER ANALYSIS

DATE/ANALYST..... 1972/07/18 HOSE, ALLAN W.

PH..... Q 9.8

SPECIFIC CONDUCTANCE..... 197.

ALKALINITY..... 68. AS CaCO3

TOTAL DISSOLVED SOLIDS... 143.

ANALYSIS IN MG/L

ISOTOPES (0/00)