C-22

Amax Geothermal Geochemical Sample Form, California, Nevada 1978
W11647-W11770.

California County: Mono

Nevada Counties: Churchill, Esmeralda, Humboldt, Lander, Lyon, Mineral, NYE, Pershing, Washoe.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11647 Sample No. _____ Date 6-29-78 Time 6:00pm

Name Orchard CS Location: Co. Lincoln State Nv

Sec. 35 Twp. 1N R. 32E ; _____ km/mi NE of SW

Lat. _____ Long. _____ Elevation 6880 Quad. Benton

Sampler JMD

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	16°	DISCHARGE	20 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	None	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	no	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	grasses	ARTESIAN HEAD	
FLUID ISSUES FROM	spring in bt river valley. Imm. area = strongly altered rhyolite. but lg. boulders of qtz monzonite, diorite, quartzite, granite.	ROCK DATA: TYPE (SURFACE)	
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	?
QUANTITY		IMMEDIATE AREA USED FOR	?
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION nat. hydrol flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

M6R5F7

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11648 Sample No. _____ Date 6-29-78 Time 1010

Name DEVILS GATE CW Location: Co. ESMERALDA State NEV

Sec. _____ Twp. 3N R. 38E ; 6 km/mi North of US 95

Lat. _____ Long. _____ Elevation 5980' Quad. DEVILS GATE 7.5'

Sampler M. Gross

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	16°	DISCHARGE	2 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	2m
ODOR	NONE	BORE	1m
FLUID COLOR	CLEAR	PUMP TYPE	NONE
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	ABS
VEGETATION	No	ARTESIAN HEAD	
FLUID ISSUES FROM	Pipe to HAND	ROCK DATA:	
DUG WELL		TYPE (SURFACE)	Rhyolite
		COLOR	grey
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	Quartz, feldspar
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR	LIVESTOCK
QUANTITY		IMMEDIATE AREA USED FOR	grazing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MGRS F9 8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11649 Sample No. _____ Date 6-29-K Time 1515

Name GILBERT CS Location: Co. ESMERALDA State NEV

Sec. _____ Twp. 4N R. 38E ; 1 km/mi EAST of GILBERT

Lat. _____ Long. _____ Elevation 6370' Quad. GILBERT 7.5'

Sampler M GROSS

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	16.5°	DISCHARGE	2 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	ABS
VEGETATION	WEEDS	ARTESIAN HEAD	
FLUID ISSUES FROM	ABS PIPE	ROCK DATA:	
ROUTED INTO SPRING		TYPE (SURFACE)	Altered Rhyolite(?)
		COLOR	grey
SALT:		GRAIN SIZE	
TYPE	NaCl	MEGASCOPIC MINERALS	Qtz
QUANTITY	moderate		
COLOR	white		
FORM	scale on pipe	ALTERATION	clay
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR	Livestock
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION RESISTANT RHYOLITE OVERLIES

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MJ RIII F31

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11650 Sample No. _____ Date 6/29/78 Time 1400

Name CHOLLA CS Location: Co. _____ State _____

Sec. _____ Twp. _____ R. _____ ; .5 km/mi SE of NW QUAD CORNER

Lat. _____ Long. _____ Elevation 6400 Quad. ~~65~~ RAYMMER CANYON 7.5'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	17°	DISCHARGE	5 gpm/Lpm
GROUND TEMP. °C	-	WELL DATA:	
AIR TEMP.	-	DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	-	SCALING	
BOILING	-	TYPE OF PIPING	
VEGETATION	SAGE + MARSH GRASS	ARTESIAN HEAD	
FLUID ISSUES FROM	PIPE FROM GROUND	ROCK DATA:	
		TYPE (SURFACE)	GRANITE
		COLOR	LT. PINK

SALT:

TYPE		GRAIN SIZE	
QUANTITY		MEGASCOPIC MINERALS	
COLOR			
FORM		ALTERATION	

SINTER:

		RX TYPE (AT DEPTH)	?
TYPE		WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION NAT HYD. FLOW

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES _____

MJ RIV F33

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11651 Sample No. _____ Date 6/29/78 Time 1730

Name KLONDIKE W&W Location: Co. ESMERALDA State NV

Sec. SE SE 33 Twp. 1N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4912 Quad. KLONDIKE

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	22°	DISCHARGE	_____ gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	?
ODOR	NONE (cows)	BORE	4"
FLUID COLOR	SLIGHTLY CLOUDY	PUMP TYPE	WIND
FLUID TASTE	A LITTLE HARD	STATIC HEAD	?
BUBBLING	—	SCALING	RUST
BOILING	—	TYPE OF PIPING	GALV STL
VEGETATION	IMMEDIATE VIC. BARE	ARTESIAN HEAD	—
FLUID ISSUES FROM	WINDMILL PIPE	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	CATTLE
QUANTITY		USED FOR	GRAZING
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION DRILLING

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11652 Sample No. _____ Date 6/29/78 Time 14:50

Name 69 CS Location: Co. Nye State Nev

Sec. _____ Twp. 8N R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6475 Quad. Tonapah Ams

Sampler D. A. Mabe

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15° DISCHARGE 2 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. — DEPTH

ODOR none BORE

FLUID COLOR clear PUMP TYPE

FLUID TASTE tasteless STATIC HEAD

BUBBLING no SCALING

BOILING no TYPE OF PIPING

VEGETATION green weed ARTESIAN HEAD

FLUID ISSUES FROM base of low hills - possible fault scarp ROCK DATA:

TYPE (SURFACE) alluvium

COLOR

SALT: GRAIN SIZE

MEGASCOPIC MINERALS

TYPE

QUANTITY

COLOR

FORM ALTERATION

SINTER: RX TYPE (AT DEPTH)

TYPE WATER USED FOR cattle

QUANTITY IMMEDIATE AREA USED FOR grazing

COLOR

FORM QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

R3F31 DAm

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11653 Sample No. _____ Date 6/29/78 Time 1530

Name NENW 1 WW Location: Co. Mono State CA

NENW Sec. 1 Twp. 5S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5600 Quad. Piper Peak 15'

Sampler W. D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	19	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	none	BORE	2½"
FLUID COLOR	clear	PUMP TYPE	windmill
FLUID TASTE	none	STATIC HEAD	?
BUBBLING	no	SCALING	no
BOILING	no	TYPE OF PIPING	steel
VEGETATION	-	ARTESIAN HEAD	no
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	-	WATER USED FOR IMMEDIATE AREA USED FOR	cattle farming
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION wind

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F6

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11654 Sample No. _____ Date 6/29/78 Time 1630

Name Oasis Ck Location: Co. Esmeralda State NV

SENW Sec. 20 Twp. 5S R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5044 Quad. Piper Peak 15'

Sampler W. D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	windmill
FLUID TASTE	none	STATIC HEAD	?
BUBBLING	no	SCALING	no
BOILING	no	TYPE OF PIPING	steel
VEGETATION	—	ARTESIAN HEAD	no
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	—
QUANTITY		IMMEDIATE AREA USED FOR	—
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION wind

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F7

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11655 Sample No. _____ Date 6-30-78 Time 11:15

Name Milk CS Location: Co. Nye State NV

Sec. North Boundary Twp. 4N R. 49½ E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6120 Quad. Wm. Springs

Sampler JMD/FD

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	14 °C	DISCHARGE	75 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	warm	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	PVC pipe sunk into cattle trough	ROCK DATA: TYPE (SURFACE)	Rhyolite
		COLOR	Pink-Tan
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	minor bleaching w/ hematite
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	cattle
QUANTITY		USED FOR	11
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION nat. hydrol flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

JMD R2 F34

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11656 Sample No. _____ Date 6-30-78 Time 14:15

Name Twin Springs CAWS Location: Co. Nye State Nv

Sec. 13 Twp. 4N R. 51E ; _____ km/mi SW of NE

Lat. _____ Long. _____ Elevation 5120 Quad. Roreille

Sampler JMD/FD

Sample Type: Spring (with pipe), (well) (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	17°	DISCHARGE	4-5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	none	BORE	12"
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	steel
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	around lg. steel casing	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION well - nat. flow

PROPERTY OWNED BY Twin Springs Ranch ?

PREVIOUS AND/OR CURRENT LEASES _____

JMD R2 F35

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11657 Sample No. _____ Date 6-30-78 Time 17:20

Name Rattlesnake CS Location: Co. Nye State Nv

Sec. 19 Twp. 7N R. 50E ; _____ km/mi SE of SE

Lat. _____ Long. _____ Elevation 6000 Quad. _____

Sampler FD/JMD

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR none BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE none STATIC HEAD _____

BUBBLING no SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION green grasses ARTESIAN HEAD _____

FLUID ISSUES FROM rhyolite out- crop + behind iron door ROCK DATA:

TYPE (SURFACE) Rhyolite

COLOR greyish-red

SALT:

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

WATER USED FOR IMMEDIATE AREA USED FOR drinking

QUANTITY _____

COLOR _____

FORM _____

QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION nat. hydrol. flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11658 Sample No. _____ Date 6-30-78 Time 17:50

Name Ray's CW Location: Co. N4E State Nv

Sec. 11 Twp. 5N R. 51E ; _____ km/mi NE of SW

Lat. _____ Long. _____ Elevation 5190 Quad. Lunar Crater

Sampler _____

Sample Type: Spring (with pipe), (well) (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	16°	DISCHARGE	10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	-	DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	none	ARTESIAN HEAD	
FLUID ISSUES FROM	windmill	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	ranching
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION windmill

PROPERTY OWNED BY Ray.

PREVIOUS AND/OR CURRENT LEASES _____

M6R5F12

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11659 Sample No. _____ Date 6-30-78 Time 1730

Name EAST MANHATTAN CS Location: Co. NYE State NEV

Sec. 15 Twp. 8N R. 44E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7550' Quad. MANHATTAN 7.5'

Sampler M. GROSS

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	11°	DISCHARGE	3 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	$CaCO_3$
BOILING	NO	TYPE OF PIPING	GALV
VEGETATION	ALGAE	ARTESIAN HEAD	
FLUID ISSUES FROM	PIPE EMERGING	ROCK DATA:	
FROM OLD ADIT		TYPE (SURFACE)	Welded rhyolitic Ash flow
		COLOR	Yellow/green
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	Qtz
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR	LIVESTOCK
QUANTITY		IMMEDIATE AREA USED FOR	MINING DIST.
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION HIGH WT. FLOODS ADITS IN AREA

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MJ RIV F33

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11660 Sample No. _____ Date 6/30/78 Time 0830

Name KING CS Location: Co. ESMERALDA State NV

Sec. 35 Twp. 2N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5960 Quad. MUD LAKE 15'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow COLLARSED WELL w/ H2O AT BOTTOM

DESCRIPTION:

WATER TEMP. °C	12.6	DISCHARGE	0 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	8m
ODOR	SLIGHTLY SULPHOROUS	BORE	3"
FLUID COLOR	CLEAR	PUMP TYPE	—
FLUID TASTE	A LITTLE SULPHUR	STATIC HEAD	—
BUBBLING	—	SCALING	—
BOILING	—	TYPE OF PIPING	—
VEGETATION	SAGE	ARTESIAN HEAD	—
FLUID ISSUES FROM	COLLARSED WELL	ROCK DATA:	
		TYPE (SURFACE)	OLD TAILINGS PILE
		COLOR	WHITE
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	?
SINTER:		RX TYPE (AT DEPTH)	ASH
TYPE		WATER USED FOR IMMEDIATE AREA	NOTHING
QUANTITY		USED FOR	NOTHING
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION DRILLING

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MJ RIIIF36

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11661 Sample No. _____ Date 6/30/78 Time 1600

Name ZUMA CW Location: Co. ESMERALDA State NV

Sec. 2 Twp. 3S R. 41E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7200 Quad. MONTEZUMA PEAK 7.5'

Sampler MJ - SHOWN ON MAP AS DRILL HOLE, LOOKS MORE LIKE COLLAPSED WELL OR HOLE W/ COLLAPSED SHAFT

Sample Type: Spring (with pipe), (well) (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	11°	DISCHARGE	0 gpm/Lpm
GROUND TEMP. °C	–	WELL DATA:	
AIR TEMP.	–	DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	PINYON, CLIFFROSE, SAGE	ARTESIAN HEAD	
FLUID ISSUES FROM	GROUND AT BASE OF PIPE	ROCK DATA:	
		TYPE (SURFACE)	SHALE; INDURATED, FISSILE
		COLOR	OLIVE DRAB
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	NONE IN IMMEDIATE AREA
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	WILD ANIMALS
QUANTITY		IMMEDIATE AREA USED FOR	NOT MUCH
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION DRILLING ?

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11662 Sample No. _____ Date 6/30/75 Time 1000

Name SWSE 4 WS Location: Co. Esmeralda State NV

SWSE

Sec. 4 Twp. 7S R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6000 Quad. Magruder Mtn. 15'

Sampler W.D. Masterson

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	20	DISCHARGE	2 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	green muck	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal in stream bed
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	—
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

OM R3 F7

SEND ANALYSIS: Gordon Blucher
Star Route Box 41-25
via Goldfield, NV 89013

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11663 Sample No. _____ Date 6/30/78 Time 1715

Name Blucher WS Location: Co. Esmeralda State NV

Sec. _____ Twp. 5S R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6720 Quad. Magruder Mtn. 15'

Sampler N.D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION: piped in from spring on hillside

WATER TEMP. °C 20.5 * DISCHARGE ? gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR none BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE none STATIC HEAD _____

BUBBLING no SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION ? ARTESIAN HEAD _____

FLUID ISSUES FROM hose-piped into tank from covered spring ROCK DATA:

TYPE (SURFACE) ?

COLOR _____

SALT: GRAIN SIZE

MEGASCOPIC MINERALS _____

TYPE ?

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE ? WATER USED FOR IMMEDIATE AREA Lida drinking H_2O

QUANTITY _____ USED FOR Lida

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flows

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES no

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11664 Sample No. _____ Date 6/30/78 Time 1800

Name Blue Dick CS Location: Co. Emerald State NV

Sec. _____ Twp. 5S R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7280 Quad. Magruder Mtn. 15'

Sampler W. D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	14	DISCHARGE	2 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe in side of creek bank	ROCK DATA:	
		TYPE (SURFACE)	
		COLOR	
SALT:		GRAIN SIZE	
TYPE	?	MEGASCOPIC MINERALS	
QUANTITY	very minor		
COLOR	white		
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	~	WATER USED FOR IMMEDIATE AREA	—
QUANTITY		USED FOR	mine
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

DM R3 F12

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11665 Sample No. _____ Date 7-1-78 Time 10:30

Name Combination CS Location: Co. NYE State NV

Sec. 25 Twp. 9N R. 43E ; _____ km/mi SW of NE

Lat. _____ Long. _____ Elevation 7380 Quad. BELMONT EAST

Sampler JMD

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12° DISCHARGE 15 (gpm)/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR none BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE none STATIC HEAD _____

BUBBLING no SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION none ARTESIAN HEAD _____

FLUID ISSUES FROM hand dug rock pit in ROCK DATA:

midst of spring TYPE (SURFACE) Rhyolite; chert

_____ COLOR yellowish-brown

SALT: GRAIN SIZE _____

MEGASCOPIC

TYPE _____ MINERALS _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION ?

SINTER: RX TYPE (AT DEPTH) ?

TYPE _____ WATER USED FOR cattle

QUANTITY _____ IMMEDIATE AREA USED FOR ranching

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION not. hydrol. flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

JMD R3F2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11666 Sample No. _____ Date 7-7-78 Time 12:05

Name Zabriskie CW Location: Co. Nye State NV

Sec. 11 Twp. 8N R. 45E ; _____ km/mi NW of _____

Lat. _____ Long. _____ Elevation 7194 Quad. Belmont West 7.5

Sampler JMD

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	12.5°	DISCHARGE	0~1 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear - some bugs	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	no	ARTESIAN HEAD	
FLUID ISSUES FROM	hand dug well in middle of dry creek bed	ROCK DATA: TYPE (SURFACE)	meta-seds quartzites stream bed englams
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	?
TYPE		WATER USED FOR	?
QUANTITY		IMMEDIATE AREA USED FOR	?
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION not hydrol flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

No photo

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11667 Sample No. _____ Date 6-27-78 Time 1420

Name See 35 CS Location: Co. MINERAL State NEV

Sec. 35 Twp. 10N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6400' Quad. WALKER LAKE AMS

Sampler M. Gross

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	12°	DISCHARGE	2-4 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	$CaCO_3$
BOILING	NO	TYPE OF PIPING	IRON
VEGETATION	Algae	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe to buried spring	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	Brn.

SALT:

TYPE		GRAIN SIZE MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	

SINTER:

		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	LIVESTOCK
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION fault control

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

M6R5F13

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11668 Sample No. _____ Date 7-1-78 Time 1445

Name MAVERICK WATERHOLE WW Location: Co. NYE State NEV

Sec. _____ Twp. _____ R. _____ ; 10 km/mi SE of CURRANT

Lat. _____ Long. _____ Elevation 5890' Quad. CURRANT 15'

Sampler MARK GROSS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	20.5°	DISCHARGE	5 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	MINOR $CaCO_3$
BOILING	NO	TYPE OF PIPING	
VEGETATION	NONE	ARTESIAN HEAD	
FLUID ISSUES FROM	WINDMILL	ROCK DATA:	
		TYPE (SURFACE)	CONGLOMERATE
		COLOR	BROWN-GREY
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR IMMEDIATE AREA	LIVESTOCK
QUANTITY		USED FOR	RANGE
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MJ RIIIF37 ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11669 Sample No. _____ Date 7/1/78 Time 0915

Name FOURMILE CS Location: Co. NYE State NV

Sec. 11 (?) Twp. 4N R. 47E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5900 Quad. TONOPAH AMS

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17° DISCHARGE < 1 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. — DEPTH _____

ODOR COWS BORE _____

FLUID COLOR GREEN PUMP TYPE _____

FLUID TASTE DID NOT TASTE STATIC HEAD _____

BUBBLING — SCALING _____

BOILING — TYPE OF PIPING _____

VEGETATION SAGE ARTESIAN HEAD _____

FLUID ISSUES FROM SPRING IN CHANNEL ROCK DATA:

_____ TYPE (SURFACE) Qal

_____ COLOR _____

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) RHYOLITE FLOW

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR CATTLE GRAZING

QUANTITY _____

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT. HYD. FLOW

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES _____

MJ RI F1

W11670

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11670 Sample No. _____ Date 7/1/78 Time 1215

Name DOUGHERTY CS Location: Co. NYE State NV

Sec. 7 Twp. 8N R. 48E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6760 Quad. EAGLE PASS 7.5'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 9° DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. — DEPTH _____

ODOR NONE BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING — TYPE OF PIPING _____

VEGETATION SAGE + REEDS ARTESIAN HEAD _____

FLUID ISSUES FROM STREAM BANK in FLOOD PLAIN ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) RHYOLITE FLOW

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR CATTLE GRAZING

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT. HYD. FLOW

PROPERTY OWNED BY NAT'L FOREST

PREVIOUS AND/OR CURRENT LEASES ?

MJ RIF2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11671 Sample No. _____ Date 7/1/78 Time 1845

Name ITALIAN CS Location: Co. NYE State NV

Sec. _____ Twp. T6N R. 49E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7100 Quad. TYBO 15'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 11° DISCHARGE 20 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. - DEPTH _____

ODOR - BORE _____

FLUID COLOR ~~NO~~ CLEAR PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION PINYON - GRASS ARTESIAN HEAD _____

FLUID ISSUES FROM SEEPS IN CHANNEL AND ALONG BANK ROCK DATA:

TYPE (SURFACE) RHYOLITE

COLOR _____

SALT: GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR ?

QUANTITY _____ IMMEDIATE AREA USED FOR ?

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT HYD. FLOW

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

JMD R3F4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11672 Sample No. _____ Date 7-2-78 Time 17:25

Name Gabbs HW Location: Co. NYE State Nv

Sec. 27 Twp. 11N R. 36E ; _____ km/mi NW of NW

Lat. _____ Long. _____ Elevation ~4580 Quad. Paradise Peak

Sampler JMD

Sample Type: Spring (with pipe), (well) (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow Valve

DESCRIPTION:

WATER TEMP. °C	46°	DISCHARGE	variable gpm/Lpm ~500+
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none (slight sulphur)	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	salt	STATIC HEAD	
BUBBLING	no	SCALING	$CaCO_3$ (?)
BOILING	no	TYPE OF PIPING	
VEGETATION	no	ARTESIAN HEAD	
FLUID ISSUES FROM	valve on side of large pipe entering small shack (pumphouse?)	ROCK DATA:	
		TYPE (SURFACE)	
		COLOR	
SALT:	perhaps to pump into cooling towers for use	GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	Water supply.
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY City of Gabbs?

PREVIOUS AND/OR CURRENT LEASES _____

M6R6F1

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11673 Sample No. _____ Date 7-3-78 Time 15:30

Name ROOT CS Location: Co. PERSHING State NEV

Sec. 6 Twp. 27N R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4700' Quad. FENCEMAKER15'

Sampler M. Gross

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR NONE BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING NO SCALING _____

BOILING NO TYPE OF PIPING _____

VEGETATION NONE ARTESIAN HEAD _____

FLUID ISSUES FROM HOLE IN ROCK DATA:

HILLSIDE TYPE (SURFACE) MONZONITE

_____ COLOR GREY

SALT: GRAIN SIZE _____

TYPE — MEGASCOPIC MINERALS _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION —

SINTER: RX TYPE (AT DEPTH) _____

TYPE — WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: (EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION FAULT CONTROL

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MGRGFZ

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11674 Sample No. _____ Date 6- Time 1620

Name INJUN WS Location: Co. PERSHING State NEV

Sec. 25 Twp. 27N R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4325' Quad. FENCEMAKER 15'

Sampler M. Gross

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	21°	DISCHARGE	0+/ gpm/~~Lpm~~ No flow
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	PLANTS	ARTESIAN HEAD	
FLUID ISSUES FROM	DUBOUT ON	ROCK DATA:	
Alluvial fan		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION Range front fault control

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MJR II F3 ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11675 Sample No. _____ Date 7/2/78 Time 1630

Name BUZANES CS Location: Co. LANDER State NV

Sec. 34 Twp. 16N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6820 Quad. SOUTH SHOSHONE PK

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	14°	DISCHARGE	0-5 gpm/Lpm
GROUND TEMP. °C	–	WELL DATA:	
AIR TEMP.	–	DEPTH	
ODOR	–	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	(TOO MANY COWS)	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	PINE + GRASS	ARTESIAN HEAD	
FLUID ISSUES FROM	ROCK IN SIDE OF HILL	ROCK DATA:	
		TYPE (SURFACE)	Qtz VEIN
		COLOR	WHITE
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	CATTLE
QUANTITY		USED FOR	GRAZING
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION NAT. HYD Flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES _____

MJ RIV F4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11676 Sample No. _____ Date 7/2/76 Time 1730

Name LITTLE BUFFALO CW Location: Co. CHURCHILL State NV

Sec. 32 Twp. 16N R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5900 Quad. BUFFALO SUMMIT 7.5'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	18°	DISCHARGE	? gpm/Lpm
GROUND TEMP. °C	-	WELL DATA:	
AIR TEMP.	-	DEPTH	?
ODOR	-	BORE	3"
FLUID COLOR	ALITTLE CLOUDY	PUMP TYPE	F.E. MEYER GAS PUMP
FLUID TASTE	NONE	STATIC HEAD	-
BUBBLING	-	SCALING	?
BOILING	-	TYPE OF PIPING	CALV STL
VEGETATION	SAGE	ARTESIAN HEAD	-
FLUID ISSUES FROM	WELL TANK	ROCK DATA:	
- COLLECTED BY	DEPRESSING FLOAT	TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	LAKE SEDS (?)
TYPE		WATER USED FOR	CATTLE
QUANTITY		IMMEDIATE AREA USED FOR	GRAZING
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION DRILLING

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES _____

MJ RI F9

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11677 Sample No. _____ Date 7/3/78 Time 1400

Name SAGEHEN CS Location: Co. PERSHING State NV

Sec. 7 Twp. 25N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5800 Quad. LOVELOCK AMS

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	140	DISCHARGE	<5 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	DEAD RAT	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	DID NOT TASTE	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	NONE	ARTESIAN HEAD	
FLUID ISSUES FROM	BOTTOM OF CHANNEL THRU WOODEN BOX	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	METASEDIMENTS (?)
TYPE		WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION NAT. HYD. FLOW

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

NV RIF 10

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11678 Sample No. _____ Date 7/3/78 Time 1600

Name KUMIVA CS Location: Co. PERSHING State NV

Sec. 11 Twp. 29N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5600 Quad. LOVELOCK NW

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17° DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. — DEPTH _____

ODOR — BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE NO STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION NONE ARTESIAN HEAD _____

FLUID ISSUES FROM BLACK PVC PIPE ROCK DATA:

1/2 MILE FROM SPRING TYPE (SURFACE) GRANITE

_____ COLOR _____

SALT: GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) ?

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT. HYD. FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

MJR II F11

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11679 Sample No. _____ Date 7/3/78 Time 1800

Name PORTER WS Location: Co. PERSHING State NV

Sec. 5 Twp. 29 N R. 28 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4400 Quad. LOVELOCK NW

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20° DISCHARGE <5 gpm/Lpm

GROUND TEMP. °C – WELL DATA:

AIR TEMP. – DEPTH _____

ODOR – BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE – STATIC HEAD _____

BUBBLING – SCALING _____

BOILING – TYPE OF PIPING _____

VEGETATION GRASS ARTESIAN HEAD _____

FLUID ISSUES FROM PIPE SOME FROM SPRG ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____ NEAR Hg, W MINE

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT. HYD. FLOW

PROPERTY OWNED BY ? GULF ? BLM ?

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11680 Sample No. _____ Date 7/3/78 Time 14:00

Name Alson Art CW Location: Co. Pershing State Nev

Sec. SWSW 9 Twp. 31N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5600 Quad. Lovelock AMS

Sampler D. A. Mabee

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

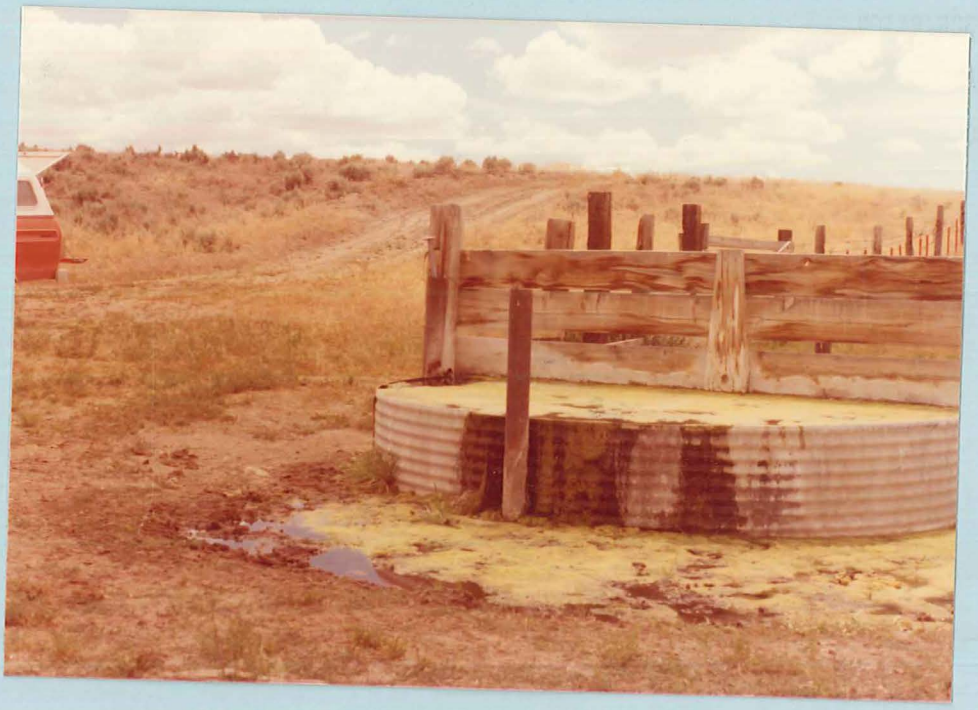
WATER TEMP. °C	17°	DISCHARGE	10 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	?
ODOR	none	BORE	4"
FLUID COLOR	clear	PUMP TYPE	—
FLUID TASTE	tasteless	STATIC HEAD	—
BUBBLING	no	SCALING	—
BOILING	no	TYPE OF PIPING	steel
VEGETATION	green moss	ARTESIAN HEAD	2'
FLUID ISSUES FROM	well in valley near stream bed	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY	X		
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	cattle
QUANTITY	X	USED FOR	grazing
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

R4F5DAm



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11681 Sample No. _____ Date 7/3/78 Time 16:00

Name Cow Creek WS. Location: Co. Pershing State Nev

Sec. _____ Twp. 32N R. 29E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5400 Quad. Lovelock AMS

Sampler D.A. Malco

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	18°	DISCHARGE	40 (gpm)/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	
ODOR	—	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	tasteless	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	green moss	ARTESIAN HEAD	
FLUID ISSUES FROM	base of hill	ROCK DATA:	
		TYPE (SURFACE)	rhyolite breccia
		COLOR	white
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY	X		
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	domestic
QUANTITY	X	IMMEDIATE AREA USED FOR	miner's camp
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

R4 F6 DAM

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11682 Sample No. _____ Date 7/3/78 Time 1900

Name T 30 N R 30 E CW Location: Co. Pershing State Nev

Sec. _____ Twp. 30N R. 30E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Lovelock AMS

Sampler D. A. Mako

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	17°	DISCHARGE	5 (gpm)/Lpm
GROUND TEMP. °C	–	WELL DATA:	
AIR TEMP.	–	DEPTH	?
ODOR	none	BORE	6"
FLUID COLOR	clear	PUMP TYPE	windmill
FLUID TASTE	tasteless	STATIC HEAD	?
BUBBLING	no	SCALING	none
BOILING	no	TYPE OF PIPING	steel
VEGETATION	green moss	ARTESIAN HEAD	–
FLUID ISSUES FROM	windmill	ROCK DATA:	
in valley		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY	X		
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	cattle
QUANTITY	X	IMMEDIATE AREA USED FOR	grazing
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

R4F8 DAM

MJ RIF 17

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11683 Sample No. _____ Date 7/5/78 Time 1100

Name RED ROCK CS Location: Co WASHOE State NV

Sec. 31 Twp. 22N R. 19E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5360 Quad. RENO NW

Sampler MJ

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	13°	DISCHARGE	3-4 gpm/Lpm
GROUND TEMP. °C	–	WELL DATA:	
AIR TEMP.	–	DEPTH	
ODOR	–	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	NONE	ARTESIAN HEAD	
FLUID ISSUES FROM	PIPE 25 yds FROM SPRING	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	?
TYPE		WATER USED FOR IMMEDIATE AREA	
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION NAT. ADD FLOW

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES _____

MJ RXF 18

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11684 Sample No. _____ Date 7/5/78 Time 1200

Name SEC 30 CW Location: Co. WASHOE State NV

Sec. 30 Twp. 21N R. 20E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5200 Quad. RENO NE 7.5'

Sampler MJ

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow
WITH CORRUGATED SIDING

DESCRIPTION:

WATER TEMP. °C	13°	DISCHARGE	? gpm/Lpm
GROUND TEMP. °C	-	WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	DEAD RAT	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	DID NOT TASTE	STATIC HEAD	
BUBBLING	-	SCALING	
BOILING	-	TYPE OF PIPING	
VEGETATION	NONE (SOME DEAD ANIMALS)	ARTESIAN HEAD	
FLUID ISSUES FROM	BURIED PIPE INTO CORRUGATED STEEL TANK WHOSE TOP IS AT GROUND LEVEL	ROCK DATA:	
		TYPE (SURFACE)	QAL (FAN)
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION NAT. H/O FLOW

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES _____

MJ RII F19

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. WI1685 Sample No. _____ Date 7/5/78 Time 1900

Name BOWERS MANSION HS Location: Co. WASHOE State NV

Sec. 3 Twp. 16 N R. 19E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5120 Quad. WASHOE CITY 7.5'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION: (STATE PARK SUPER)

WATER TEMP. °C 45° DISCHARGE 37 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. - DEPTH _____

ODOR NONE BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE FORGOT STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION ALGAE ARTESIAN HEAD _____

FLUID ISSUES FROM PIPE INSIDE OF POOL - POOL H2O LEVEL ABOUT 1/4 WAY ACROSS PIPE - CONTAMINATION POSSIBLE BUT MINIMIZED

ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

_____

ALTERATION _____

RX TYPE (AT DEPTH) GRANITE

WATER USED FOR IRRIGATION

IMMEDIATE AREA USED FOR RECREATION

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION MTN FAULT - FLUIDS ALONG FAULT

PROPERTY OWNED BY STATE - HISTORICAL PK

PREVIOUS AND/OR CURRENT LEASES -

No Photo

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11686 Sample No. _____ Date 2578 Time 1730

Name INDIAN CS Location: Co. LYON State NEV

Sec. 29 Twp. 9N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5900' Quad. DESERT CREEK PEAK 15'

Sampler M. Sass

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	18.5	DISCHARGE	1 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	NONE	PUMP TYPE	
FLUID TASTE	No	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	ABS
VEGETATION	Algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Pipe To	ROCK DATA:	
Burried spring		TYPE (SURFACE)	Monzonite
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	Livestock
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Nat. Hyd. Flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

JMD R3F 16

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. WH687 Sample No. _____ Date 7-12-78 Time 11:00

Name Squaw Valley WS Location: Co. Washoe State Nv

Sec. _____ Twp. 34N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3800 Quad. Lovelock AMS

Sampler _____

Sample Type: (Spring) (with pipe), well (with pipe), (creek), river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 29.4° DISCHARGE 75 (gpm)/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR none BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE none STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION grass, grasses, algae etc ARTESIAN HEAD _____

FLUID ISSUES FROM valley floor at base of Rhyolite dome; confluence of 3 small stream valleys ROCK DATA:

TYPE (SURFACE) Rhyolite + Qal

COLOR Red

SALT: GRAIN SIZE -

TYPE _____ MEGASCOPIC MINERALS _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION nat. h. flow ?

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES ?

JMD R3F17

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11688 Sample No. _____ Date 7-12-78 Time 13:00

Name Smoke WW Location: Co. Washoe State NV

Sec. 23? Twp. 31N R. 19E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4000 Quad. Lovelock AMS

Sampler JMD

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	17.8°	DISCHARGE	variable ~1 gpm/Lpm
GROUND TEMP. °C	-	WELL DATA:	
AIR TEMP.	-	DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	~~warm~~ soft	STATIC HEAD	
BUBBLING	-	SCALING	
BOILING	-	TYPE OF PIPING	
VEGETATION	no	ARTESIAN HEAD	
FLUID ISSUES FROM	windmill	ROCK DATA:	
		TYPE (SURFACE)	Qal: Rhyolite + lavastone surrounding
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	?
TYPE		WATER USED FOR IMMEDIATE AREA	
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION windmill

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

M6R6 F8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11689 Sample No. _____ Date 7-12-78 Time 1400

Name STONE HOUSE CW Location: Co. WASHOE State NEV

Sec. 1 Twp. 35N R. 19E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4600' Quad. LOVELOCK AMS

Sampler M. GROSS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 11.5° DISCHARGE VARIABLE 10 gpm/~~Lpm~~

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR NONE BORE _____

FLUID COLOR CLEAR PUMP TYPE WINDMILL

FLUID TASTE NONE STATIC HEAD _____

BUBBLING NO SCALING $CaCO_3$

BOILING NO TYPE OF PIPING GALV.

VEGETATION NO ARTESIAN HEAD _____

FLUID ISSUES FROM WINDMILL ROCK DATA:

ON ABANDONED RANCH TYPE (SURFACE) Qal - Local Basalt flows

_____ COLOR _____

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR LIVESTOCK

QUANTITY _____ IMMEDIATE AREA USED FOR OPEN RANGE

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: (EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MGRGF10

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11690 Sample No. _____ Date 7-12-78 Time 1445

Name SALTY DUCK CW Location: Co. WASHOE State NEV

Sec. 20 Twp. 36N R. 19E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4800' Quad. LOVELOCK AMS

Sampler M. Gron

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	145°	DISCHARGE	VARIABLE gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	Livestock	BORE	
FLUID COLOR	Cloudy-whitish	PUMP TYPE	WINDMILL
FLUID TASTE	Salty	STATIC HEAD	
BUBBLING	No	SCALING	NaCl
BOILING	No	TYPE OF PIPING	GALV
VEGETATION	No	ARTESIAN HEAD	
FLUID ISSUES FROM	WINDMILL	ROCK DATA:	
		TYPE (SURFACE)	Pal-Sand
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NaCl	MEGASCOPIC MINERALS	
QUANTITY	Major		
COLOR	WHITE		
FORM	PIPE CRUSTS	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	LIVESTOCK
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

IMGRGFII

4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11691 Sample No. _____ Date 7-12-78 Time 1550

Name 81 PASS CW Location: Co. WASHOE State NEV

Sec. 2 Twp. 37N R. 18E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4650' Quad. VYA AMS

Sampler M. GROSS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	13°	DISCHARGE	7 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	WINDMILL
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	GALV.
VEGETATION	NO	ARTESIAN HEAD	
FLUID ISSUES FROM	WINDMILL	ROCK DATA:	
		TYPE (SURFACE)	Gal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	—
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR	LIVESTOCK
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MGRGFD

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11692 Sample No. _____ Date 7-12-78 Time 1725

Name COTTONWOOD CS Location: Co. WASHOE State NEV

Sec. 18 Twp. 37N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6000 Quad. VYA AMS

Sampler M. Gross

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	12°	DISCHARGE	~ 10-15 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLOUDY-WHITE	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	GALV-New
VEGETATION	NO	ARTESIAN HEAD	
FLUID ISSUES FROM	BURRIED SPRING, TANK FED BY PIPE	ROCK DATA: TYPE (SURFACE)	BASALT FLOW & Thin Soil
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR IMMEDIATE AREA	
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

NGR6F13

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11693 Sample No. _____ Date 7-12-78 Time 1820

Name COTTONWOOD BLM CW Location: Co. WASHOE State NEV

Sec. 3 Twp. 37N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5600' Quad. VYA AMS

Sampler M. GROSS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	18.5°	DISCHARGE	5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLOUDY. SLIGHTLY WHITE	PUMP TYPE	WINDMILL
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	GALV
VEGETATION	NO	ARTESIAN HEAD	
FLUID ISSUES FROM	WINDMILL	ROCK DATA:	
		TYPE (SURFACE)	Soil over Basalt
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR	LIVESTOCK
QUANTITY		IMMEDIATE AREA USED FOR	RANGE
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION BLM WINDMILL, 2m deep - drilled 1977 1/3 in area

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MJ R VI F 1

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11694 Sample No. _____ Date 7/12/78 Time 1100

Name TEN MILE CS Location: Co. PERSHING State NV

Sec. ? Twp. 32N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5300 Quad. LOVELOCK AMS

Sampler MJ

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C (COLD PODS. <15 NO THERMOMETER) DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR _____ BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION NONE ARTESIAN HEAD _____

FLUID ISSUES FROM DIKE IN GRANITE ROCK DATA:

ON HILLSIDE TYPE (SURFACE) GRANITE w/ GRANITIC DIKES

_____ COLOR _____

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS BIOT., QTZ, K-SPAR

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR CATTLE

QUANTITY _____ IMMEDIATE AREA USED FOR GRAZING

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT. HYD. FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

RE-COLLECTED & MISTAKE

MJ R VI F3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. WI1262 Sample No. _____ Date 7/12/78 Time 1400

Name ~~MATTHEWS~~ - SULPHUR WS Location: Co. PERSHING State NV

Sec. _____ Twp. _____ R. _____ ; 1 km/(mi) E of SULPHUR

Lat. _____ Long. _____ Elevation 4060 Quad. LOVELOCK AMS

Sampler MJ COLLECTED LAST YEAR

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	NO THERMOMETER >20<30	DISCHARGE	10-20 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	SULPHUR	BORE	
FLUID COLOR	SLIGHTLY DK	PUMP TYPE	
FLUID TASTE	SULPHUROUS & SOFT	STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	ALGAE + GRASS	ARTESIAN HEAD	
FLUID ISSUES FROM	SPRING NEAR ROAD	ROCK DATA:	
		TYPE (SURFACE)	Qsl
		COLOR	
SALT:		GRAIN SIZE	
TYPE	WEAKLY NaCl	MEGASCOPIC MINERALS	
QUANTITY	SMALL ~~CRUST~~ AMOUNT		
COLOR	WHITE		
FORM	SMALL CRUST	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	SILICEOUS - VERY DIRTY	WATER USED FOR IMMEDIATE AREA USED FOR	
QUANTITY	SMALL AMOUNT		
COLOR	BUFF		
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION NAT. HYD FLOW

PROPERTY OWNED BY MATTHEWS

PREVIOUS AND/OR CURRENT LEASES _____

MJ RVI-F4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W1695 Sample No. _____ Date 7/12/78 Time 1500

Name RABBITHOLE WS Location: Co. PERSHING State NV

Sec. ? Twp. 33N R. 29E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4600 Quad. LOVELOCK AMS

Sampler MJ

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C NO THERM. (18→25) DISCHARGE ? gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. — DEPTH _____

ODOR DEAD FISH BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING — SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION ALGAE + REEDS ARTESIAN HEAD _____

FLUID ISSUES FROM SPRING THAT'S DAMMED ROCK DATA:

_____ TYPE (SURFACE) Qal

_____ COLOR _____

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: EXC., (GOOD), POOR

PROBABLE CAUSE OF MANIFESTATION NAT. H/D FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES OLD MINE SITE

MJ RVII F6

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11696 Sample No. _____ Date 7/12/78 Time 1615

Name KAMMA CS Location: Co. PERSHING State NV

Sec. 13 Twp. 33N R. 30E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5700 Quad. LOVELOCK AMS

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C NOT (15 ± 4°) DISCHARGE <1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR NONE BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION ALGAE ARTESIAN HEAD _____

FLUID ISSUES FROM JOINT IN OUTCROP ROCK DATA:

_____ TYPE (SURFACE) PHYLLITE

_____ COLOR GRAY

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS INTENSELY SHEARED

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR CATTLE

QUANTITY _____ GRAZING

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ~~FAULT~~ NAT HYD FLOW AND JOINTED RX

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11697 Sample No. _____ Date 7/12/78 Time 1030

Name Flowing Well C.S. Location: Co. Pershing State Nev

Sec. _____ Twp. 33N/32N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3920 Quad. Gerlach 15'

Sampler D. D. Mabe

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	16°	DISCHARGE	seep gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	
ODOR	none	BORE	X
FLUID COLOR	slightly murkey	PUMP TYPE	
FLUID TASTE	very salty (NaCl)	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	green weeds	ARTESIAN HEAD	
FLUID ISSUES FROM	a seep in a small creek bed in flat	ROCK DATA: TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NaCl	MEGASCOPIC MINERALS	
QUANTITY	great		
COLOR	white		
FORM	amorphous	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	X	WATER USED FOR IMMEDIATE AREA	none
QUANTITY		USED FOR	none
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

R4 F16 DAM

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11698 Sample No. _____ Date 7/12/78 Time 1115

Name Calico Mine. CS Location: Co. Washoe State NV

Sec. _____ Twp. 39½N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5950 Quad. Vya AMS

Sampler M.D. Masterson

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	15.5	DISCHARGE	5 (gpm/Lpm)
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	basalt
		COLOR	black
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	—
QUANTITY		IMMEDIATE AREA USED FOR	—
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

W.D.M. R4 F8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11699 Sample No. _____ Date 7/12/78 Time 1145

Name Big Tank CS Location: Co. Washoe State NV

Sec. _____ Twp. 40N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5900 Quad. Vya AMS

Sampler W.D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	12	DISCHARGE	25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	turquoise	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	-	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe from foot of basalt ridge	ROCK DATA:	
		TYPE (SURFACE)	basalt
		COLOR	
SALT:		GRAIN SIZE	
TYPE	-	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	-	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	-
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

WDM RH F9

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. ~~WW6~~ WII700 Sample No. _____ Date 7/12/78 Time 1400

Name Yja CW Location: Co. Mohoe State NV

NESW Sec. 34 Twp. 43N R. 19E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5538 Quad. Yja 7½'

Sampler W.D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	10	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	none	BORE	2"
FLUID COLOR	clear	PUMP TYPE	windmill
FLUID TASTE	none	STATIC HEAD	?
BUBBLING	no	SCALING	no
BOILING	no	TYPE OF PIPING	steel
VEGETATION	—	ARTESIAN HEAD	no
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	basalt?
TYPE	—	WATER USED FOR	—
QUANTITY		IMMEDIATE AREA USED FOR	—
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION wind

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

WDM R4 F10


THE
AERMOTOR
CHICAGO

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11701 Sample No. _____ Date 7/12/78 Time 1530

Name Long Valley CW Location: Co. Washoe State NV

Sec. _____ Twp. 42N R. 20E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5566 Quad. Vya 7½'

Sampler W.D. Masterson

Sample Type: Spring (with pipe), (well (with pipe)), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	120	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	shallow
ODOR	none	BORE	2"
FLUID COLOR	clear	PUMP TYPE	windmill
FLUID TASTE	none	STATIC HEAD	?
BUBBLING	no	SCALING	no
BOILING	no	TYPE OF PIPING	steel
VEGETATION	—	ARTESIAN HEAD	no
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
		MEGASCOPIC MINERALS	
TYPE	—		
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	basalt?
TYPE	—	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	—
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION wind

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

WDM R4 F11

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W1702 Sample No. _____ Date 7/12/78 Time 1615

Name Painted Point Ck Location: Co. Mohoe State NV

Sec. _____ Twp. 43N R. 20E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5620 Quad. Painted Point 7½'

Sampler W. D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	16	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	>
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	windmill
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	steel
VEGETATION	—	ARTESIAN HEAD	no
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	basalt
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	refuge
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION wind

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

WDM R4 F12

JMD R4 #1

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11703 Sample No. _____ Date 7.13.78 Time 13:17

Name Peacock WAW Location: Co. Washoe State NV

Sec. 12 Twp. 28N R. 19E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3900 Quad. Lovelock AMS

Sampler 1/16 of mi So of W11274

Sample Type: Spring (with pipe), (well) (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

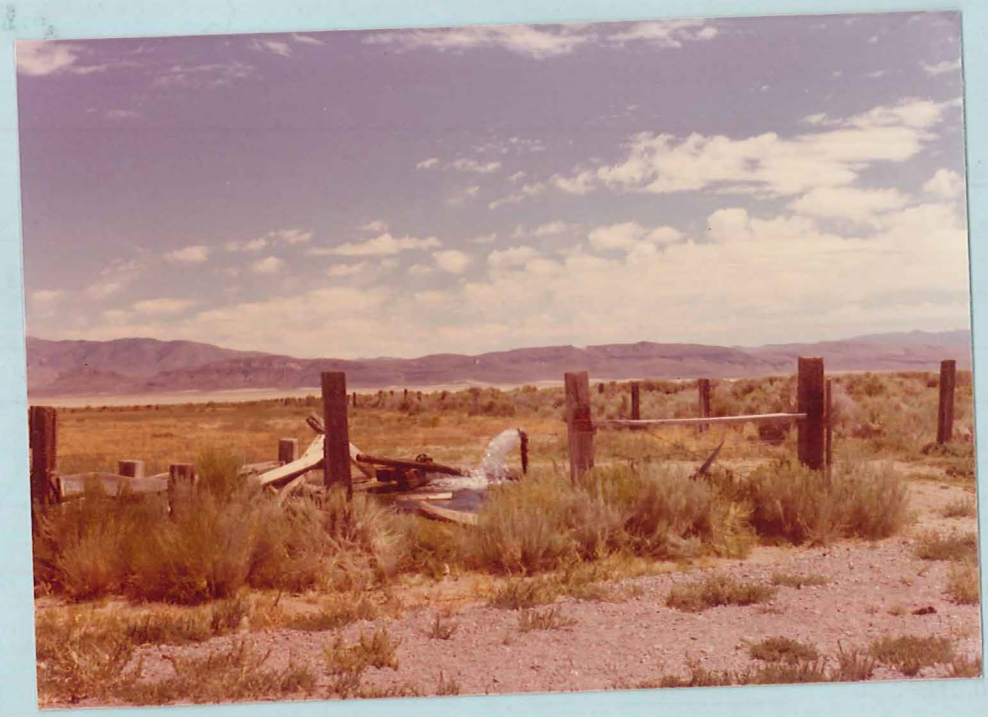
DESCRIPTION:

WATER TEMP. °C	22.2°	DISCHARGE	Lots 900 ± 50 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	-	DEPTH	?
ODOR	SULPHUR	BORE	6"
FLUID COLOR	-	PUMP TYPE	nature
FLUID TASTE	SALT - LOUSY	STATIC HEAD	
BUBBLING	-	SCALING	iron
BOILING	-	TYPE OF PIPING	
VEGETATION	guppies, stringy algae	ARTESIAN HEAD	good.
FLUID ISSUES FROM	large upright pipe adjacent to cattleguard	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Artesian

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____



Rock Sample ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11704 Sample No. _____ Date 7/13/78 Time 1400

Name Mystery H.S Location: Co. Humboldt State Nevada

Sec. SW NE NE 19 Twp. 40N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4080 Quad. Pinto Mtn 7.5

Sampler D. Mateo + M. Johnson

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, (rock), snow

DESCRIPTION:

WATER TEMP. °C	105°	DISCHARGE	50 (gpm)/Lpm
GROUND TEMP. °C	–	WELL DATA:	
AIR TEMP.	–	DEPTH	
ODOR	SO_2	BORE	
FLUID COLOR	slightly cloudy	PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING	yes	SCALING	
BOILING	yes	TYPE OF PIPING	
VEGETATION	none	ARTESIAN HEAD	
FLUID ISSUES FROM	a large pool at break in slope	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	sulfur, alkali	MEGASCOPIC MINERALS	
QUANTITY	moderate		
COLOR	yellow-white		
FORM	amorphous	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	bathing police investigation
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

R4F 27+28 DAM

N R VI F11 ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. WI1705 Sample No. _____ Date 7/13/78 Time 1430

Name PINTO HS Location: Co. HUMBOLDT State NV

Sec. 17 Twp. 40N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4120 Quad. PINTO MTN. 7.5'

Sampler MARK JOHNSON + DAVID MAKO

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	93°	DISCHARGE	30-40 gpm/Lpm
GROUND TEMP. °C	-	WELL DATA:	
AIR TEMP.	-	DEPTH	
ODOR	SULPHUR	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	SULPHOROUS	STATIC HEAD	
BUBBLING	YES	SCALING	
BOILING	YES	TYPE OF PIPING	
VEGETATION	NONE	ARTESIAN HEAD	
FLUID ISSUES FROM	SPRING FROM TRAVERTINE MOUND	ROCK DATA:	
		TYPE (SURFACE)	TRAVERTINE
		COLOR	YELLOW TO GRAY
SALT:		GRAIN SIZE	FINE
TYPE	ALKALI	MEGASCOPIC MINERALS	
QUANTITY	VERY LITTLE		
COLOR	WHITE		
FORM	THIN CRUST	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	LAKE BEDS + BASALT FLOW
TYPE	TRAVERTINE	WATER USED FOR	?
QUANTITY	ABUNDANT	IMMEDIATE AREA USED FOR	?
COLOR	GRAY		
FORM	BASINS + MOUNDS	QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION FAULT THAT RUNS ALONG W SIDE of PINTO MTN

PROPERTY OWNED BY BATTLE Creek Ranch

PREVIOUS AND/OR CURRENT LEASES NONE Shell dug pits

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. WI1706 Sample No. _____ Date 7/13/78 Time 1730

Name Paiute Cold Well Location: Co. _____ State Nevada

Sec. SESE 17 Twp. 40N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. _____

Sampler P. A. Mako + M. Johnson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	16°	DISCHARGE	10 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	?
ODOR	none	BORE	6"
FLUID COLOR	clear	PUMP TYPE	windmill
FLUID TASTE	tasteless	STATIC HEAD	?
BUBBLING	no	SCALING	—
BOILING	no	TYPE OF PIPING	steel
VEGETATION	none	ARTESIAN HEAD	—
FLUID ISSUES FROM	windmill	ROCK DATA:	
well into water trough		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY	X	basalt mesas surrounding valley	
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	
QUANTITY	X	IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

R4 F35 DAm

Picture undeveloped

JMD R4 F7

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11707 Sample No. _____ Date 7.14.78 Time 13:00

Name Sand Dune WW Location: Co. Winnemucca State Nv

Sec. _____ Twp. _____ R. _____ ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. McDermitt 4MS

Sampler JMD

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	21°	DISCHARGE	Variable gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	—	DEPTH	?
ODOR	cow.	BORE	6"?
FLUID COLOR	— clear	PUMP TYPE	windmill
FLUID TASTE	none	STATIC HEAD	-
BUBBLING	—	SCALING	-
BOILING	—	TYPE OF PIPING	steel
VEGETATION	no	ARTESIAN HEAD	-
FLUID ISSUES FROM	windmill	ROCK DATA:	
		TYPE (SURFACE)	Qal - Sand
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	?
SINTER:		RX TYPE (AT DEPTH)	?
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	cattle ranching/irrigat
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION windmill

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

MGR6 F17

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. WII7086 Sample No. _____ Date 7-14-78 Time 1340

Name BOTTLE CREEK RANCH CW Location: Co. HUMBOLT State NEV

Sec. 27 Twp. 40N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4160 Quad. BOTTLE CREEK 15'

Sampler M. Gross, M. Sherbring

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	13°	DISCHARGE	1500 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	>100'
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	SUBMERSIBLE
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	IRON
VEGETATION	NONE	ARTESIAN HEAD	
FLUID ISSUES FROM	IRRIGATION WELL	ROCK DATA:	
		TYPE (SURFACE)	Qal-playa
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	ALFALFA
QUANTITY		USED FOR	FARM
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

IMGR6F18

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11709 Sample No. _____ Date 7-14-78 Time 1415

Name BOTTLE CREEK #2 CS Location: Co. HUMBOLT State NEV

Sec. 19 Twp. 40N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4760' Quad. BOTTLE CREEK 15'

Sampler M. Gron & M. Sherbring

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	14°	DISCHARGE	2" gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	—	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	BAD	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	
VEGETATION	MOSS	ARTESIAN HEAD	
FLUID ISSUES FROM	HILLSIDE, Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	LIVESTOCK
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural Hydro. Flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

HAPPY CREEK
WINNEMUCCA, NEV
Box 230

MAIL ANALYSIS TO

MGR6F19

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11710 Sample No. _____ Date 7-14-78 Time 1710

Name HAPPY VALLEY - CW Location: Co. HUMBOLT State NEV

Sec. 36 Twp. 42N R. 32E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4120' Quad. BOTTLE CREEK 15'

Sampler MG, MS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

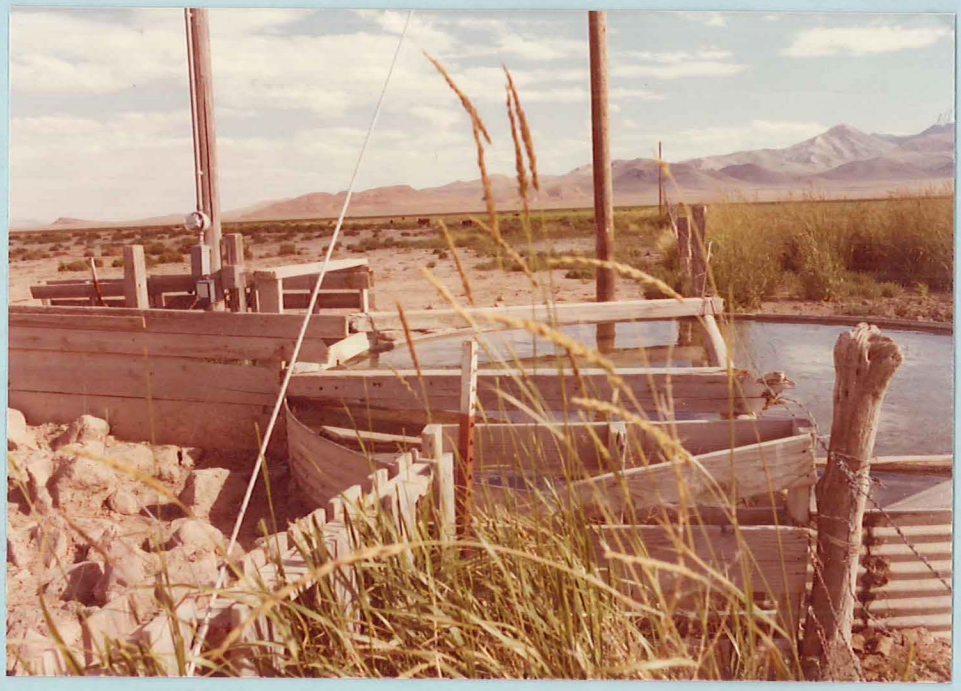
DESCRIPTION:

WATER TEMP. °C	13°	DISCHARGE	10 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	100'
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	Submersible
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	ABS, IRON
VEGETATION	NONE	ARTESIAN HEAD	
FLUID ISSUES FROM	WELL	ROCK DATA:	
		TYPE (SURFACE)	Qal, Playa
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	LIVESTOCK
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY HAPPY CREEK RANCH

PREVIOUS AND/OR CURRENT LEASES _____



MJ RVII F23

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11711 Sample No. _____ Date 7/ Time 1245

Name MORMAN DAN CW Location: Co. HUMBOLDT State NV

Sec. 4 Twp. 37N R. 34E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4050 Quad. VYA AMS

Sampler MJ

Sample Type: Spring (with pipe), (well (with pipe)), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	18°	DISCHARGE	_____ gpm/Lpm
GROUND TEMP. °C	-	WELL DATA:	
AIR TEMP.	-	DEPTH	?
ODOR	-	BORE	4"
FLUID COLOR	CLEAR	PUMP TYPE	WIND
FLUID TASTE	NONE	STATIC HEAD	-
BUBBLING	-	SCALING	NONE
BOILING	-	TYPE OF PIPING	GALV. STL
VEGETATION	ALGAE	ARTESIAN HEAD	-
FLUID ISSUES FROM	WINDMILL	ROCK DATA:	
_____		TYPE (SURFACE)	Qal (sand dunes)
_____		COLOR	_____
SALT:		GRAIN SIZE	_____
TYPE	_____	MEGASCOPIC MINERALS	_____
QUANTITY	_____	_____	
COLOR	_____	_____	
FORM	_____	ALTERATION	?
SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	_____	WATER USED FOR	CATTLE
QUANTITY	_____	IMMEDIATE AREA USED FOR	GRAZING
COLOR	_____	_____	
FORM	_____	QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION WELL

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____


THE
AERMOTOR
CHICAGO

MJ RVI F25

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. WR712 Sample No. _____ Date 7/14/78 Time 1610

Name LOST PROBE WW Location: Co. HUMBOLDT State NV

Sec. 29 Twp. 40 N R. 35 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4075 Quad. NV AMS

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	19.53°	DISCHARGE	– gpm/Lpm
GROUND TEMP. °C	–	WELL DATA:	
AIR TEMP.	–	DEPTH	~20m
ODOR	DEAD ANIMAL	BORE	4"
FLUID COLOR	CLEAR	PUMP TYPE	WINDMILL
FLUID TASTE	DEAD ANIMAL	STATIC HEAD	–
BUBBLING	–	SCALING	NONE
BOILING	–	TYPE OF PIPING	GALV. STL
VEGETATION	ALGAE	ARTESIAN HEAD	–
FLUID ISSUES FROM	WINDMILL	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	CATTLE
QUANTITY		IMMEDIATE AREA USED FOR	GRAZING
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION DRINKING

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11713 Sample No. _____ Date 7/14/78 Time 1145

Name Paradise C.W. Location: Co. Humboldt State NV

NENW Sec. 34 Twp. 40N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4480 Quad. Paradise Valley 15'

Sampler W. D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	windmill
FLUID TASTE	none	STATIC HEAD	?
BUBBLING	no	SCALING	no
BOILING	no	TYPE OF PIPING	steel
VEGETATION	—	ARTESIAN HEAD	no
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	farming
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION wind

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

WDM RH F23

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11714 Sample No. _____ Date 7/13/78 Time 1330

Name Sheerring W.S Location: Co. Washoe State NV

Sec. _____ Twp. 34N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Lovelock AMS

Sampler W.D. Masterson

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	27	DISCHARGE	15 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	stream bed	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	-	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	-	WATER USED FOR IMMEDIATE AREA USED FOR	drinking? ?
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES yes? Sun Oil

WDM R4 F17

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11715 Sample No. _____ Date 7/14/78 Time 1745

Name Pipeline (WW) Location: Co. Humboldt State NV

Sec. _____ Twp. 40N R. 41E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. _____

Sampler W.D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow, (pipeline)

DESCRIPTION:

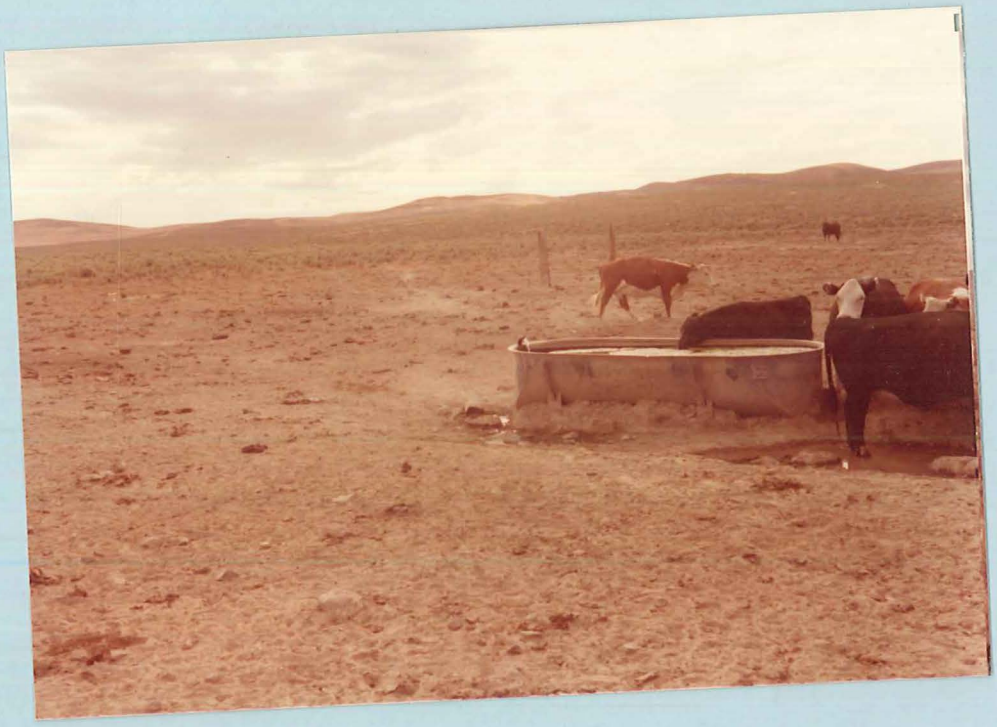
WATER TEMP. °C	21 * - heated in pipe	DISCHARGE	10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	source of water unknown	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY R Ranch

PREVIOUS AND/OR CURRENT LEASES no

WDM R4 F26



MJ RUI F26

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11716 Sample No. _____ Date 7/15/78 Time 1000

Name HORMEL CS Location: Co. HUMBOLDT State NV

Sec. 32 ? Twp. 45N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6150 Quad. McDERMITT

Sampler MJ + M. SH.

Sample Type: ~~Spring~~ (with pipe) BLACK PVC, well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	14°	DISCHARGE	10 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	
ODOR	—	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	NONE	ARTESIAN HEAD	
FLUID ISSUES FROM	BLACK PVC PIPE	ROCK DATA:	
		TYPE (SURFACE)	RHYOLITE + BASALT FLOAT
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	BASALTS
TYPE		WATER USED FOR	?
QUANTITY		IMMEDIATE AREA USED FOR	?
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION NAT. HYD. FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

MJ R IV F26 27

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11717 Sample No. _____ Date 7/15/78 Time 1130

Name FORKS CS Location: Co. HUMBOLDT State NV

Sec. SW 21 Twp. 45N R. 41E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6000 Quad. McDERMITT AMS

Sampler MJ + M.SM.

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 11° DISCHARGE ? gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. — DEPTH _____

ODOR _____ BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING — SCALING _____

BOILING — TYPE OF PIPING _____

VEGETATION SM. AMNT ALGAE ARTESIAN HEAD _____

FLUID ISSUES FROM SPRNK NE of HOUSE ROCK DATA:

_____ TYPE (SURFACE) Qal

_____ COLOR _____

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS _____

QUANTITY _____ BLK OBSIDIAN IN Qal

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) BASALTS (?)

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR HORSES & PEOPLE

QUANTITY _____ CORRALS & HOME

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT. HYD. FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

RVI MF 28

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11718 Sample No. _____ Date 7/15/78 Time 12:00 PDT

Name SHERB SKULL CS Location: Co. HUMBOLDT State NEV.

Sec. 11 Twp. 46N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5900 Quad. McDERMOTT AMS

Sampler M.S.H. & M.J.

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	14°	DISCHARGE	50 (gpm)/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	WILLOWS & GRASSES.	ARTESIAN HEAD	
FLUID ISSUES FROM	~~Spring area~~ Stream approx. 25 yds from Springs.	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	Basalt?
TYPE		WATER USED FOR	cattle grazing
QUANTITY		IMMEDIATE AREA USED FOR	and cattle camp.
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION NAT Hyd Flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

SPRING AT HEAD OF SMALL NARROW
GROVE OF TREES IN
BACKGROUND

MJ RVII F29

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11719 Sample No. _____ Date 7/15/78 Time 1600

Name ANT DRAW CS Location: Co. HUMBOLDT State NV

Sec. 25 Twp. 46N R. 41E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7000 Quad. McDERMITT AMS

Sampler MJ & MSH.

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14° DISCHARGE 10 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. - DEPTH _____

ODOR - BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE A LITTLE COUSH STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION ALGAE ARTESIAN HEAD _____

FLUID ISSUES FROM SEEPS IN GULLY BANK ROCK DATA:

_____ TYPE (SURFACE) GRANITE

_____ COLOR IVORY

SALT: GRAIN SIZE FINE GRAINED

TYPE _____ MEGASCOPIC MINERALS Qtz + K-SPAR w/

QUANTITY _____ MUSCOVITE, LT HEAVIES

COLOR _____ - LOCALLY OVERLAIN BY BASALT

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) GRANITE

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR CATTLE

QUANTITY _____ "

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT HYD FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

MJ RJE F80

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11720 Sample No. _____ Date 7/15/78 Time 1630

Name Swiss CABIN CS Location: Co. HUMBOLDT State NV

Sec. 30 Twp. 47N R. 41E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5400 Quad. McDERMITT AMS

Sampler MJ+MS

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14° DISCHARGE 0-5 gpm/Lpm

GROUND TEMP. °C – WELL DATA:

AIR TEMP. – DEPTH _____

ODOR – BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING – SCALING _____

BOILING – TYPE OF PIPING _____

VEGETATION ALGAE ARTESIAN HEAD _____

FLUID ISSUES FROM SPRING NEAR ROCK DATA:

CABIN IN FLOOD PLAIN TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) BASALT (?)

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR PEOPLE

QUANTITY _____ CATTLE

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT HYD. FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

MG RG F22

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11721 Sample No. _____ Date 7-16-78 Time 1400

Name SOLDIER CS Location: Co. HUMBOLT State NEV

Sec. 11 Twp. 37N R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4675 Quad. OSGOOD MOUNTAINS 15'

Sampler M. GROSS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15° DISCHARGE 30-40 gpm/~~Lpm~~

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR NONE BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE GOOD STATIC HEAD _____

BUBBLING NO SCALING $CaCO_3$

BOILING NO TYPE OF PIPING IRON

VEGETATION NONE ARTESIAN HEAD _____

FLUID ISSUES FROM PIPE, BURRIED IN SPRING ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE NONE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE NONE WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR _____

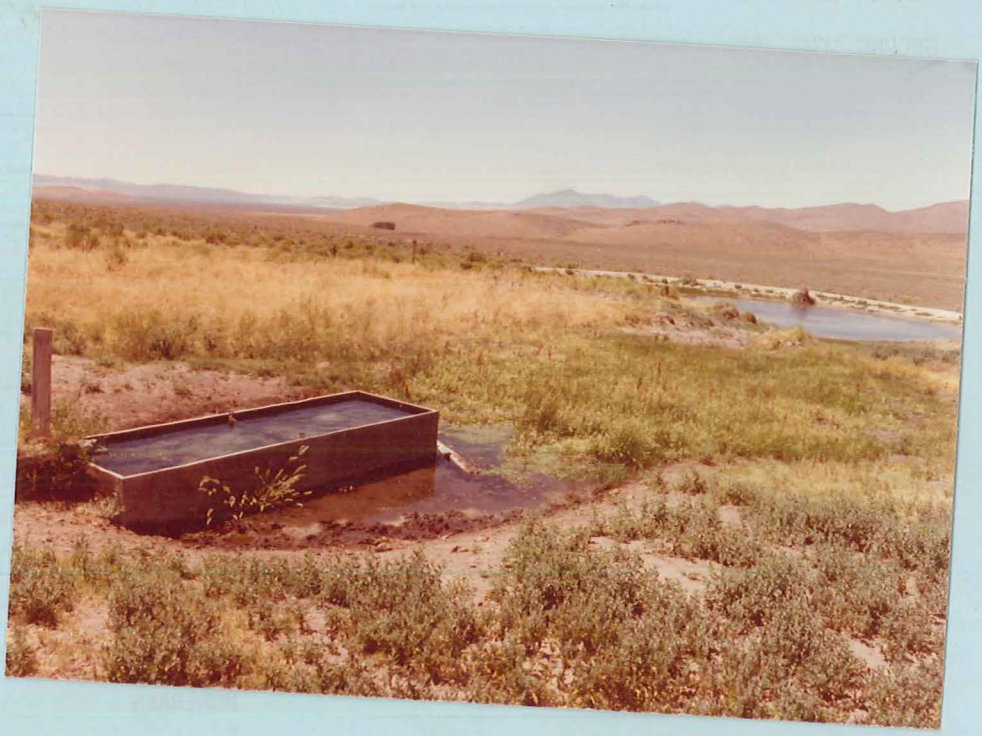
COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.) GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Nat. Hyd. Flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11722 Sample No. _____ Date 7/16/78 Time 1115

Name Butcher CS Location: Co. Pershing State NV

NWSE Sec. 15 Twp. 33N R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5520 Quad. Dun Glen 15'

Sampler M.D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	5 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	deep on hillside	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	—
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, (POOR)	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

WDM R4 F26

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11723 Sample No. _____ Date 7/16/78 Time 1200

Name McCann CS Location: Co. Pershing State NV

NWNE Sec. 24 Twp. 33N R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5680 Quad. Dun Glen 15'

Sampler W.D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	3 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
FLUID ISSUES FROM	funnel & pipe	ROCK DATA:	
		TYPE (SURFACE)	conglomerate
		COLOR	white

SALT:

TYPE	—	GRAIN SIZE	
QUANTITY		MEGASCOPIC MINERALS	
COLOR			
FORM		ALTERATION	

SINTER:

		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	—
QUANTITY		IMMEDIATE AREA USED FOR	—
COLOR			
FORM		QUALITY OF SAMPLE: EXC, GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

WDM R4 F27

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11724 Sample No. _____ Date 7/16/78 Time 1300

Name Mine CS Location: Co. Pershing State NV

SWNE Sec. 30 Twp. 33N R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation ~5000 Quad. Dun Glen 15'

Sampler W.D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	16	DISCHARGE	5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe from mine in hills	ROCK DATA:	
		TYPE (SURFACE)	?
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	horses
QUANTITY		IMMEDIATE AREA USED FOR	placer mine
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY Minicon

PREVIOUS AND/OR CURRENT LEASES no

WDM R4 F28

WMGR6F23 X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11725 Sample No. _____ Date 7-17-78 Time 1300

Name ~~TOAD'S EGG H.S.~~ RESAMPLE - No. unknown Location: Co. HUMBOLT State NEV

Sec. 5 Twp. 44N R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4320 Quad. DUFFER PEAK 15'

Sampler M. GROSS

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	75°	DISCHARGE	20 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	VERY MINOR, IF ANY	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	BICARBONATE	STATIC HEAD	
BUBBLING	YES	SCALING	
BOILING	NO	TYPE OF PIPING	
VEGETATION	Algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Valley Floor	ROCK DATA:	
		TYPE (SURFACE)	Playa - Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR	LIVESTOCK (?)
QUANTITY		IMMEDIATE AREA USED FOR	LIVESTOCK
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION OBSCURED (BY PLAYA) FAULT

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

M6K6F25

8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11726 Sample No. _____ Date 7-17-78 Time 1415

Name STOCKING CW Location: Co. HUMBOLT State NEV

Sec. NW 4 Twp. 43N R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4160 Quad. DUFFER PEAK 15'

Sampler M. GROSS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

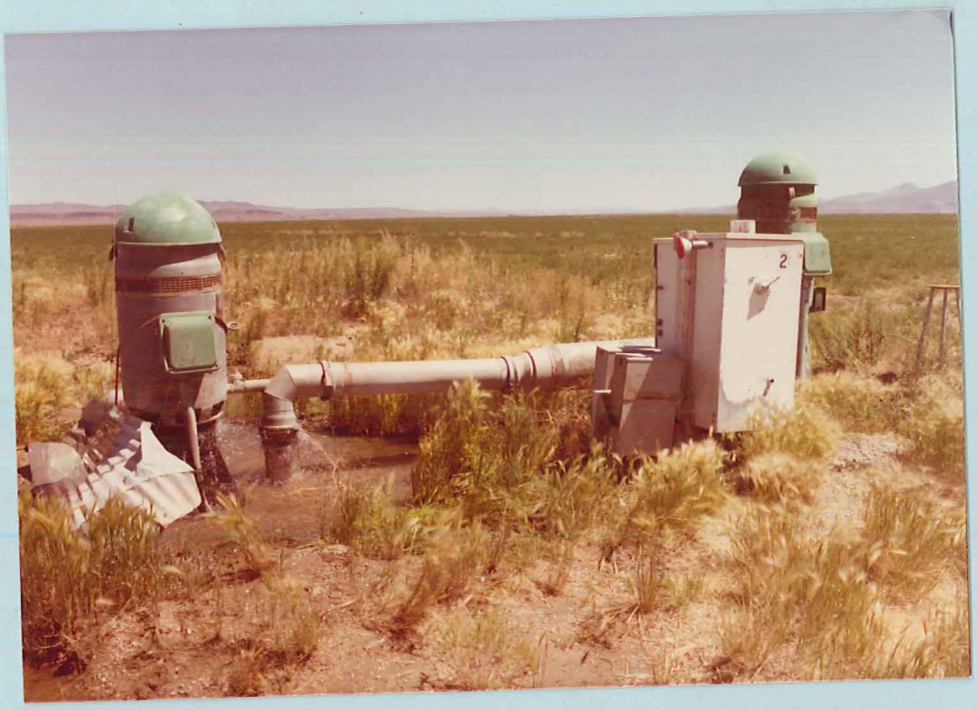
DESCRIPTION:

WATER TEMP. °C	16°	DISCHARGE	1500 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	SUB.
FLUID TASTE		STATIC HEAD	
BUBBLING	NO	SCALING	IRON
BOILING	NO	TYPE OF PIPING	
VEGETATION	NO	ARTESIAN HEAD	
FLUID ISSUES FROM	IRR. WELL	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR IMMEDIATE AREA	
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____


2

JMD R4 F8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11727 Sample No. _____ Date 7-18-78 Time 10:30

Name Sod WW Location: Co. Humboldt State NV

Sec. 21 ? Twp. 41N R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation ~4300 Quad. V4A AMS

Sampler JMD

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	24°	DISCHARGE	65 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none.	BORE	1"
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	-	SCALING	
BOILING	-	TYPE OF PIPING	Steel
VEGETATION	no	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe in hand dug well adjacent to Quinn R	ROCK DATA:	
		TYPE (SURFACE)	Playa - Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	=
SINTER:		RX TYPE (AT DEPTH)	?
TYPE		WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	ranching
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION nat. hy. flow (artesian??)

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

M6R6F29 9.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11728 Sample No. _____ Date 7-18-78 Time 1145

Name BOG HS (RESAMPLE) Location: Co. HUMBOLT State NEV

Sec. 18 Twp. 46N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4280 Quad. RAILROAD POINT 15'

Sampler M. GROSS

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

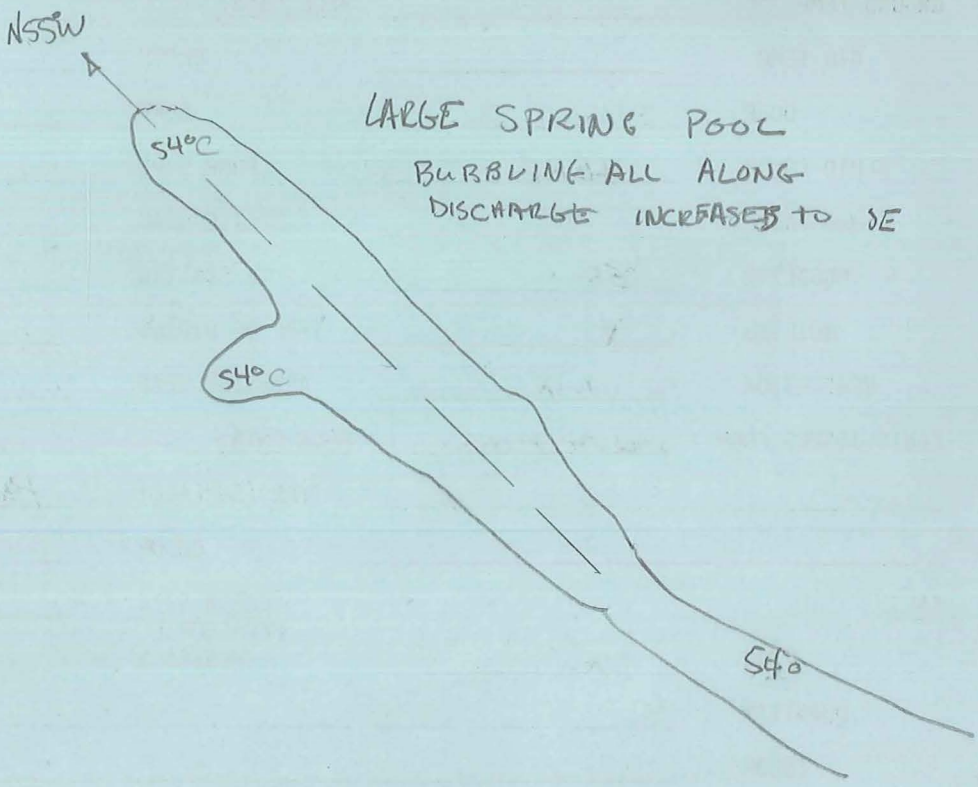
DESCRIPTION:

WATER TEMP. °C	54°	DISCHARGE	100 to 10,000 gpm SEE BACK gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	SLIGHT H_2S	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING	YES	SCALING	
BOILING	NO	TYPE OF PIPING	
VEGETATION	GREEN & RED ALGAE	ARTESIAN HEAD	
FLUID ISSUES FROM	VALLEY FLOOR	ROCK DATA:	
		TYPE (SURFACE)	Playa & Salt
		COLOR	GREY
SALT:		GRAIN SIZE	
TYPE	NaCl	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	FILLS WARM
QUANTITY		IMMEDIATE AREA USED FOR	LAKE
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION FAULT ACCESSES HOT RES.

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____



LARGE SPRING POOL
BUBBLING ALL ALONG
DISCHARGE INCREASES TO SE

MGR6F30

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11729 Sample No. _____ Date 7-18-78 Time 1250

Name BALTHAZAR HW Location: Co. HUMBOLT State NEV

Sec. 13 Twp. 46N R. 29E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4220 Quad. DENIO 15'

Sampler M. Gross

Sample Type: Spring (with pipe), (well) (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	86°	DISCHARGE	5 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	No	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	To HOT	STATIC HEAD	
BUBBLING	YES	SCALING	
BOILING	No	TYPE OF PIPING	CLEAN (IN WELL)
VEGETATION	No	ARTESIAN HEAD	
FLUID ISSUES FROM	DOMESTIC WELL	ROCK DATA:	
WATER IS REPUTED HIGH IN		TYPE (SURFACE)	PLAYA 3 SALTS
BORON ? ARSENIC		COLOR	
SALT:		GRAIN SIZE	
TYPE	NaCl, KCl(?)	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR	WASHING DISHES
QUANTITY		IMMEDIATE AREA USED FOR	REC - PRIVATE
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY FATHER IN LAW OF RAYMOND W WITTKOPP, CONSULTING GEOLOGIST PO BOX 651 DAVIS, CALIF. 95616

PREVIOUS AND/OR CURRENT LEASES SAME, PATENTED

GEOTHERMAL IN 1860's

M6 R6 F32 X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11730 Sample No. _____ Date 7-18-78 Time 1715

Name BAG HOT CHL Location: Co. HUMBOLT State NEV

Sec. 1 Twp. 45N R. 27E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4313 Quad. RAILROAD POINT 15'

Sampler M. GROSS

Sample Type: Spring (with pipe), ~~well (with pipe)~~, creek, river, soil, salt, sinter, travertine, gas, rock, snow

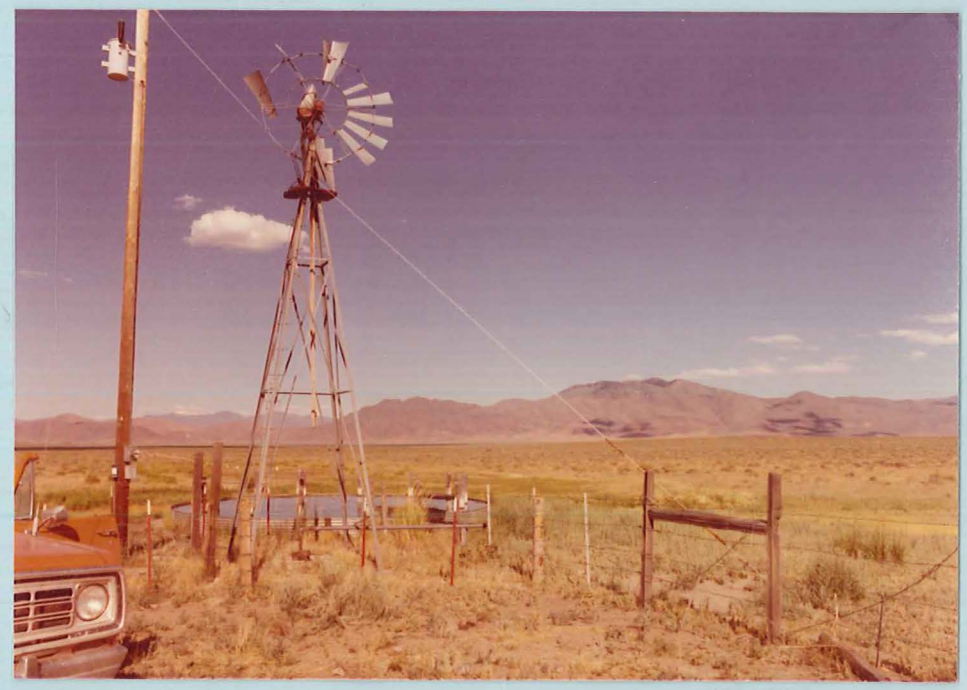
DESCRIPTION:

WATER TEMP. °C	15°	DISCHARGE	15-20 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	SUB
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	IRON
VEGETATION	NO	ARTESIAN HEAD	
FLUID ISSUES FROM	WELL	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	LIVESTOCK
QUANTITY		IMMEDIATE AREA USED FOR	Sheldon Antelope Range
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____



MJ RVII F 34

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11731 Sample No. _____ Date 7/18/78 Time 1100

Name LONG VALLEY CS Location: Co. WASHOE State NV

Sec. 2 Twp. 44 N R. 19 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5520 Quad. MOSQUITO VALLEY 7.5'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16° DISCHARGE ? gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. - DEPTH _____

ODOR - BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION HORSETAILS, ALGAE, + REEDS ARTESIAN HEAD _____

FLUID ISSUES FROM BOG BETWEEN RD ROCK DATA:

ROAD + LAKE TYPE (SURFACE) Qsl

COLOR _____

SALT: GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT, HYD. FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

MJ RIII F35

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. WH732 Sample No. _____ Date 7/18/78 Time 1140

Name MEZAC CABIN WS Location: Co. WASHOE State NV

Sec. 11 Twp. 43N R. 19E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5520 Quad. ALKALI LAKE 7.5'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22° DISCHARGE ? gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. - DEPTH _____

ODOR NONE BORE _____

FLUID COLOR CLEAR PUMP TYPE _____

FLUID TASTE WINE STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION ALGAE (FISH) ARTESIAN HEAD _____

FLUID ISSUES FROM SMALL RESERVOIR NEAR MEZAC CABIN ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT:

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

WATER USED FOR IMMEDIATE AREA USED FOR CATTLE ? GRAZING ?

QUANTITY _____

COLOR _____

FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT HYD FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

MJ RUI F36

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11734 Sample No. _____ Date 7/18/78 Time 1215

Name ALKALI LAKE CW Location: Co. WASHOE State NV

Sec. 6 Twp. 44N R. 20E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5541 Quad. ALKALI LAKE 7.5'

Sampler MJ

Sample Type: Spring (with pipe), (well) (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	13°	DISCHARGE	– gpm/Lpm
GROUND TEMP. °C	–	WELL DATA:	
AIR TEMP.	–	DEPTH	?
ODOR	~~H2S~~ COWS	BORE	3"
FLUID COLOR	CLEAR	PUMP TYPE	WIND
FLUID TASTE	NONE	STATIC HEAD	–
BUBBLING	–	SCALING	NONE
BOILING	–	TYPE OF PIPING	GALV. STEEL
VEGETATION	–	ARTESIAN HEAD	–
FLUID ISSUES FROM	WINDMILL	ROCK DATA:	
		TYPE (SURFACE)	
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	CATTLE
QUANTITY		IMMEDIATE AREA USED FOR	GRAZING
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION DRILLING

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

MJ R VII F1

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11735 Sample No. _____ Date 7/18/78 Time 1240

Name DRY WS Location: Co. WASHOE State NV

Sec. 18 Twp. 44N R. 20E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5530 Quad. ALKALI LAKE 7.5'

Sampler MJ

Sample Type: Spring (with pipe) IMPOUNDED, well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 26° (CROSSBOY SOLAR HEATED) DISCHARGE 20 gpm/Lpm

GROUND TEMP. °C —

AIR TEMP. —

ODOR —

FLUID COLOR CLEAR

FLUID TASTE NONE

BUBBLING —

BOILING _____

VEGETATION GRASSES

FLUID ISSUES FROM SPRING INTO RESERV.

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

RX TYPE (AT DEPTH) _____

WATER USED FOR IMMEDIATE AREA USED FOR DUCKS + CATTLE? "

QUALITY OF SAMPLE: (EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT HYD FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

MJ R VII F2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11736 Sample No. _____ Date 7/18/78 Time 1525

Name HOBBLE CS Location: Co. WASHOE State NV

Sec. 12 Twp. 45N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6020 Quad. BALD MOUNTAIN 7.5'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	9°	DISCHARGE	<2 gpm/Lpm
GROUND TEMP. °C	–	WELL DATA:	
AIR TEMP.	–	DEPTH	
ODOR	–	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	REEDS + CLOVER	ARTESIAN HEAD	
FLUID ISSUES FROM	SPRING IN MEADOW	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	BASALT
TYPE		WATER USED FOR	ANIMALS
QUANTITY		IMMEDIATE AREA USED FOR	ANTELOPE REFUGE
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NAT. HYD. FLOW

PROPERTY OWNED BY SHELDON NAT. ANTELOPE REFUGE

PREVIOUS AND/OR CURRENT LEASES _____

MJ R VII F3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11737 Sample No. _____ Date 7/18/78 Time 1630

Name BALD CS Location: Co. NYE Co. State NV

Sec. 23 Twp. 45N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6110 Quad. BALD MOUNTAIN 7.5'

Sampler MJ

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	10°	DISCHARGE	< 1 gpm/Lpm
GROUND TEMP. °C	-	WELL DATA:	
AIR TEMP.	-	DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR (VERY SLIGHTLY CLOUDY)	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	-	SCALING	
BOILING	-	TYPE OF PIPING	
VEGETATION	ALGAE	ARTESIAN HEAD	
FLUID ISSUES FROM	BENEATH RUINED SHACK	ROCK DATA:	
		TYPE (SURFACE)	BASALT FLOAT - COLLUVIUM
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	?
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	CATTLE GRAZING
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION NAT HYD FLOW

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ANTELOPE MINING Co.

SPRING UNDER SHED

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11738 Sample No. _____ Date 7/18/78 Time 1000

Name Big Cold Spring Location: Co. Humboldt State Nev

Sec. _____ Twp. 46N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5500 Quad. Big Spring Butte 15'

Sampler D. A. Meeker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16° DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. — DEPTH _____

ODOR none BORE _____

FLUID COLOR slighty murky white PUMP TYPE _____

FLUID TASTE hard (Fe, Mg) STATIC HEAD _____

BUBBLING no SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION green weeds ARTESIAN HEAD _____

FLUID ISSUES FROM large pool ROCK DATA:

in valley TYPE (SURFACE) alluvium

_____ COLOR _____

SALT: GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR cattle? grazing.

QUANTITY _____

COLOR _____ composite

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

R5F15 DAM

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11739 Sample No. _____ Date 7/18/78 Time 1045

Name Thousand Creek S Ant WW Location: Co. Humboldt State Nev

Sec. NENWSE 31 Twp. 46 N R. 31 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Big Spring Butte 15'

Sampler D A Mullo

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	20°	DISCHARGE	50-60 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	?
ODOR	none	BORE	6"
FLUID COLOR	colorless	PUMP TYPE	—
FLUID TASTE	hard	STATIC HEAD	—
BUBBLING	no	SCALING	—
BOILING	no	TYPE OF PIPING	steel
VEGETATION	green weed	ARTESIAN HEAD	3-5'
FLUID ISSUES FROM	artesian well in valley at roadside rest stop	ROCK DATA:	
		TYPE (SURFACE)	alluvium
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	drinking roadside rest stop
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

R5 F16 DAM

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11740 Sample No. _____ Date 7/18/78 Time 1200

Name Virgin Valley W. S Location: Co. Humboldt State Nev

Sec. _____ Twp. 45N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4990 Quad. Big Spring Butte 15'

Sampler (W) D. Mako

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 24° DISCHARGE 75 (gpm)/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. — DEPTH

ODOR none BORE

FLUID COLOR colorless PUMP TYPE

FLUID TASTE tasteless STATIC HEAD

BUBBLING no SCALING

BOILING no TYPE OF PIPING

VEGETATION very rich aquatic ecosystem ARTESIAN HEAD

FLUID ISSUES FROM valley near stream ROCK DATA:

TYPE (SURFACE) alluvium

COLOR

SALT: GRAIN SIZE

MEGASCOPIC MINERALS

TYPE

QUANTITY

COLOR

FORM ALTERATION

SINTER: RX TYPE (AT DEPTH)

TYPE WATER USED FOR IMMEDIATE AREA USED FOR cattle Ranch

QUANTITY

COLOR

FORM QUALITY OF SAMPLE: (EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY Virgin Valley Ranch

PREVIOUS AND/OR CURRENT LEASES _____

R5 F17 DAM

sinter sample

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W1174 Sample No. _____ Date 7/18/78 Time 1330

Name Virgin Valley Campground WS Location: Co. Humboldt State Nev

Sec. 2 Twp. 45N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4840 Quad. Big Springs Butte 15'

Sampler D A Mabe

Sample Type: ~~Spring (with pipe)~~, well (with pipe), creek, river, soil, salt, sinter, ~~travertine~~, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	32°	DISCHARGE	50 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	—	DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	hard	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	aquatic vegetatio	ARTESIAN HEAD	
FLUID ISSUES FROM	base of a low ridge in valley.	ROCK DATA:	
		TYPE (SURFACE)	silicified rhyol.te ?
		COLOR	pink → gray
SALT:		GRAIN SIZE	
TYPE	X	MEGASCOPIC MINERALS	
QUANTITY	X		
COLOR	X		
FORM	X	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	Opal-silicified rhyol.te	WATER USED FOR IMMEDIATE AREA USED FOR	swimming hole campground
QUANTITY	moderate		
COLOR	white → pink		
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

R5 F18 DAM

M6 R6 F33

missing : glass bottle + small samp. bottle

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11742 Sample No. _____ Date 7-19-78 Time 1

Name RODEO FLAT CS Location: Co. HUMBOLT State NEV

Sec. 28 Twp. 43N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6900' Quad. IDAHO CANYON 15'

Sampler M. Gross

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	18°	DISCHARGE	20-30 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	COWS	BORE	
FLUID COLOR	BROWN-SILTY	PUMP TYPE	
FLUID TASTE	COWS	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	
VEGETATION	TAMBLES	ARTESIAN HEAD	
FLUID ISSUES FROM	RODEO FLAT	ROCK DATA:	
Valley floor		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR	LIVESTOCK
QUANTITY		IMMEDIATE AREA USED FOR	GRAZING
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Valley marks contact between Monzonite to NE and Tert(?) Volcanics to SW

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

M6RGF34

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11743 Sample No. _____ Date 7-19-78 Time 2

Name JOSSIE PEARL WS Location: Co. HUMBOLDT State NEV

Sec. 25 Twp. 42N R. 27E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5400' Quad. IDAHO CANYON 15'

Sampler M. Gross

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23° DISCHARGE 5 gpm/~~Lpm~~

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR NONE BORE _____

FLUID COLOR CLEAR, w/susp. particles PUMP TYPE _____

FLUID TASTE soft STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING ABS

VEGETATION No ARTESIAN HEAD _____

FLUID ISSUES FROM Talus slope ROCK DATA:

_____ TYPE (SURFACE) Ba lower Shist

_____ COLOR _____

SALT: GRAIN SIZE _____

TYPE NONE MEGASCOPIC MINERALS _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE NONE WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION FAULT CONTROLED

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

M6R6F35

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11744 Sample No. _____ Date 7-19-78 Time 3

Name HORSESHOE BEND CO Location: Co. HUMBOLT State NEV

Sec. E½SE¼30 Twp. 42N R. 27E (unsurveyed); 1 km/mi SE of DRY LAKE

Lat. _____ Long. _____ Elevation 6920' Quad. IDAHO CANYON 15'

Sampler M GROSS

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	7°	DISCHARGE	40 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	SLIGHTLY MILKY	PUMP TYPE	
FLUID TASTE	GOOD	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	ABS
VEGETATION	NO	ARTESIAN HEAD	
FLUID ISSUES FROM	BURRIED	ROCK DATA:	
SPRING — PIPE TO COW TANK		TYPE (SURFACE)	Pal over Rhyolite (?)
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR IMMEDIATE AREA	LIVESTOCK
QUANTITY		USED FOR	LAHONTAN CUTHROAT TROUT
COLOR		NATURAL AREA	
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION FAULT TRACE VALLEY

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

M6R6P36

P

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W1745 Sample No. _____ Date 7-19-78 Time 4

Name DRY LAKE WS Location: Co. HUMBOLT State NEV

Sec. 24 Twp. 42N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7280' Quad. IDAHO CANYON 15'

Sampler M. Gross

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

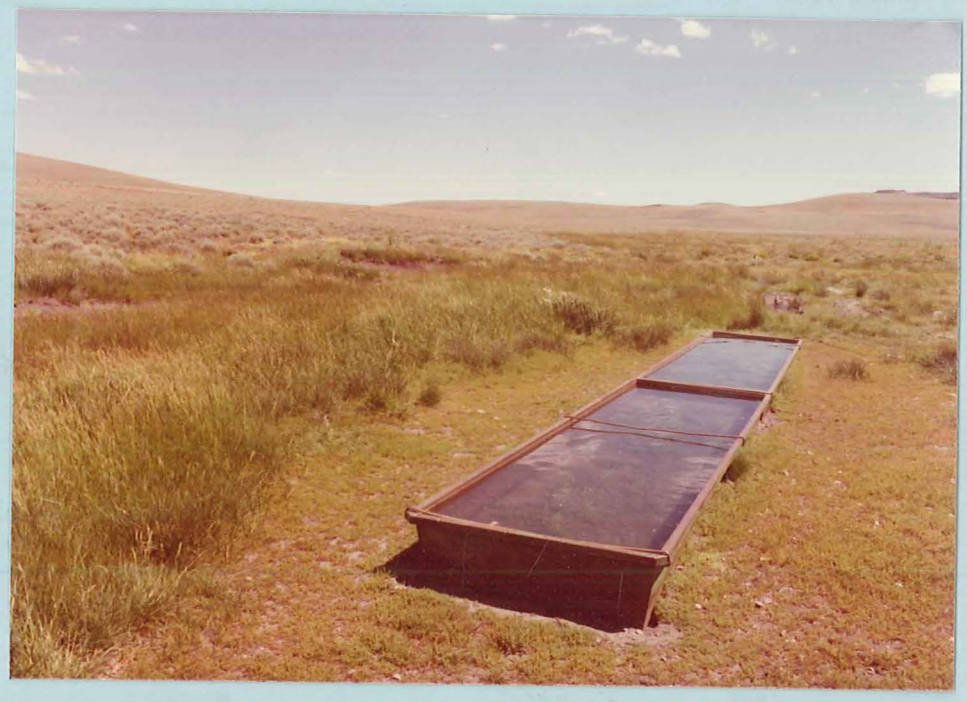
DESCRIPTION:

WATER TEMP. °C	23°	DISCHARGE	<1 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	SLIGHTLY MILKY	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	IRON
VEGETATION	GRASS	ARTESIAN HEAD	
FLUID ISSUES FROM	PLATEAU NEAR DRY LAKE	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR IMMEDIATE AREA	LIVESTOCK
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION Natural Hydrologic Flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____



W6K6 F37

X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11746 Sample No. _____ Date 7-19-78 Time 5

Name SANTA CLAUS CS Location: Co. HUMBOLT State NEV

Sec. 1 Twp. 42N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. IDAHO CANYON 15'

Sampler M. Gross

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	11°	DISCHARGE	5" gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	NO	SCALING	
BOILING	NO	TYPE OF PIPING	IRON
VEGETATION	NONE	ARTESIAN HEAD	
FLUID ISSUES FROM	BURRIED SPRING	ROCK DATA:	
		TYPE (SURFACE)	RHYOLITE FLOW
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR IMMEDIATE AREA	
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION BLM PROJECT, Nat Hyd. Flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

M16 R7 F3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11747 Sample No. _____ Date 7-19-78 Time 6

Name ID. CANYON W W Location: Co. HUMBOLT State NEV

Sec. SW corner 18 Twp. 44N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4650' Quad. IDAHO CANYON

Sampler M I GROSS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	20°	DISCHARGE	15 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	CLEAR	PUMP TYPE	Submersible
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	No	SCALING	$CaCO_3$
BOILING	No	TYPE OF PIPING	GALV
VEGETATION	No	ARTESIAN HEAD	
FLUID ISSUES FROM	well w/elect. pump	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NONE	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NONE	WATER USED FOR IMMEDIATE AREA	
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

No Photo X

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11748 Sample No. _____ Date 7-19-78 Time 7

Name 4228' CW Location: Co. Humboldt State NEV

Sec. 10 Twp. 45N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4228' Quad. RAILROAD POINT 15'

Sampler M. Sass

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13° DISCHARGE 25" gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR NONE BORE _____

FLUID COLOR CLEAR PUMP TYPE WINDMILL

FLUID TASTE NONE STATIC HEAD _____

BUBBLING NO SCALING _____

BOILING NO TYPE OF PIPING GALV

VEGETATION NONE ARTESIAN HEAD _____

FLUID ISSUES FROM WINDMILL ROCK DATA:

_____ TYPE (SURFACE) Playa, Qal

_____ COLOR _____

SALT: GRAIN SIZE _____

TYPE — MEGASCOPIC MINERALS _____

QUANTITY _____ _____

COLOR _____ _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE — WATER USED FOR LIVESTOCK

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____ _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION BLM

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11749 Sample No. _____ Date 7/14/78 Time 900

Name Eightmile Creek CW Location: Co. Humboldt State NV

SESE Sec. 9 Twp. 46N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4465 Quad. McDermitt

Sampler W.D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	11.5	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	submersible
FLUID TASTE	none	STATIC HEAD	?
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	no
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	ranching
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

WDM R4 F30

missing NH_3 bottle

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11750 Sample No. _____ Date 7/19/78 Time 1015

Name Birthday Mine (S) Location: Co. Humboldt State NV

SENW Sec. 33 Twp. 46N R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6000 Quad. McDermitt

Sampler N.D. Masterson

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	15	DISCHARGE	30" (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	ferruginous, sodic	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	adit at National Mine	ROCK DATA:	
		TYPE (SURFACE)	altered volcanic
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	—
QUANTITY		IMMEDIATE AREA USED FOR	old mine
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

WDM R4 F31

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11751 Sample No. _____ Date 7/19/78 Time 14:00

Name Wild Cat CR. C.S. Location: Co. Humboldt State Nev

Sec. NENE24 Twp. 46N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5560 Quad. Jordan Meadow 15

Sampler D. M

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	12.5	DISCHARGE	2 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	0	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	grasses	ARTESIAN HEAD	
FLUID ISSUES FROM	Volcanic hill side	ROCK DATA:	
		TYPE (SURFACE)	Rhyolite
		COLOR	pink-Brn.

SALT:

TYPE	0	GRAIN SIZE	
		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	

SINTER:

		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR IMMEDIATE AREA USED FOR	ranching
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydro flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

WDM R4 F32

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. 4/11769 Sample No. _____ Date 7/15/78 Time 1000

Name Kennedy C.S Location: Co. Pershing State Nev

Sec. SE NW 29 Twp. 28N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5200' Quad. Mt Tobin 15'

Sampler D. A. Muller

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

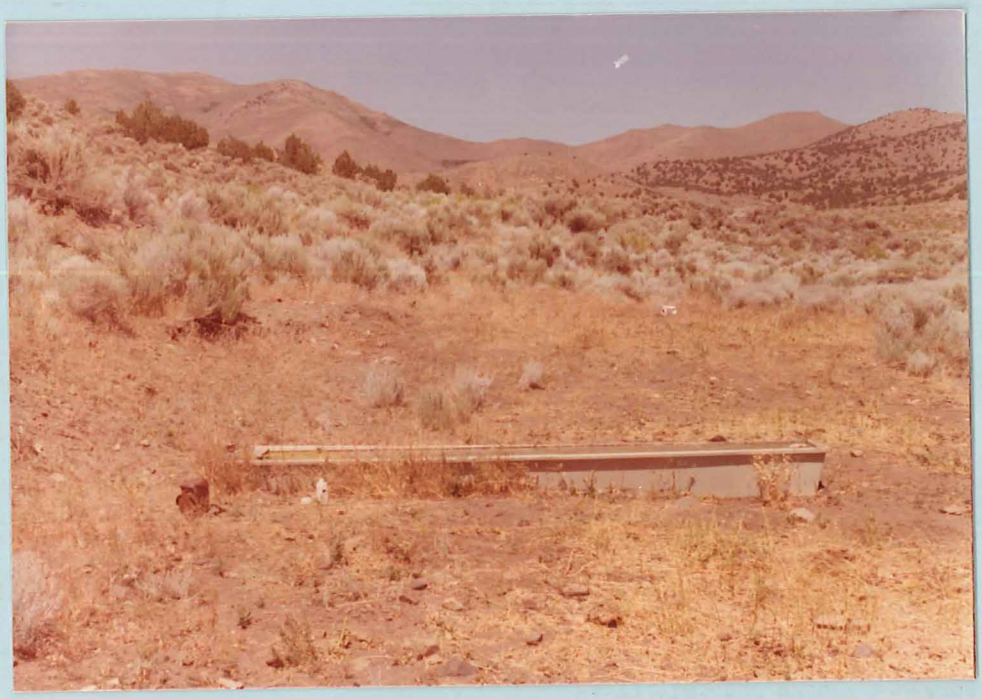
WATER TEMP. °C	15°	DISCHARGE	15 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	tasteless	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	green moss	ARTESIAN HEAD	
FLUID ISSUES FROM	base of hill into water trough in Kennedy Canyon	ROCK DATA:	
		TYPE (SURFACE)	amphibolite
		COLOR	black
SALT:		GRAIN SIZE	very fine
		MEGASCOPIC MINERALS	none
TYPE			
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	?
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	cattle grazing
QUANTITY			
COLOR		old mining district	
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

R5F8 DAM



M6R6F 121

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W11770 Sample No. _____ Date 7-15-78 Time 1500

Name HOTSPRINGS MAGMA TEST A & B (TWO SAMPLES) Location: Co. HUMBOLT State NEV

Sec. 4 Twp. 33N R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4720 Quad. GOLDRUN CREEK

Sampler _____

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	A - 33° B - 45°	DISCHARGE	25 - 50 gpm/~~Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	H_2S	BORE	
FLUID COLOR	Clear	PUMP TYPE	—
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	No	SCALING	Sampled
BOILING	Yes - Flash at well	TYPE OF PIPING	IRON
VEGETATION	Algal Slimes	ARTESIAN HEAD	
FLUID ISSUES FROM	MAGMA TEST	ROCK DATA:	
WELL		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	SiO_2 (?)	WATER USED FOR IMMEDIATE AREA	
QUANTITY	MAJOR	USED FOR	
COLOR	WHITE		
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION TEST PROD. WELL

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____