C-22

Amax Geothermal Geochemical Sample Forms, California & Nevada 1979 (W10935-W11202).

Nev. Counties. Churchill, Douglas, Esmeralda, Eureka, Lander, Lyon, Mineral, Nye, Pershing, Storey. Calif. Counties, Mono, El Dorado, Lassen, Plumas, Sierra

7

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10935 Date 7/21 Time 1500

Name Mc Leod Ranch Cold Art. well Location: Co. Nye State Nev

Sec. 28 Twp. 13 N R. 42 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5480 Quad. Millett Ranch

Sampler J. T. Sedgeo

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

DESCRIPTION:

WATER TEMP. °C	18°C	DISCHARGE	10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	?
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	Art
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	none
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	yes
FLUID ISSUES FROM	Art. well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg.
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Art well

PROPERTY OWNED BY Smokey Valley Ranches

PREVIOUS AND/OR CURRENT LEASES ?

np

✓ 4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10936 Date 7/21 Time 1145

Name Charnock Ranch Warm Spring Location: Co. Nye State Nev.

Sec. _____ Twp. 13 N R. 44E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5490 Quad. Carvers NE

Sampler A T Seufert

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

DESCRIPTION:

WATER TEMP. °C 23 (solar heated) DISCHARGE 20 gpm/Lpm

GROUND TEMP. °C _____

AIR TEMP. 31

ODOR none

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION good

FLUID ISSUES FROM Qal

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS vfg → fg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

RX TYPE (AT DEPTH) _____

WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F11

6

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10937 Date 7/21 Time 1400

Name Anderson Creek Cold Spring Location: Co. Nye State Nev.

Sec. _____ Twp. 12N R. 44E ; 1.5 km/mi SE of Moores Creek Ranch

Lat. _____ Long. _____ Elevation 7050 Quad. Mount Jefferson

Sampler D. T. Sanfilo

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

DESCRIPTION:

WATER TEMP. °C	14°C	DISCHARGE	50 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	f.g → m.g
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	canals
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JS&GFB

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10938 Date 7/21 Time 1040

Name RO Ranch Cold Well Location: Co. Nye State Nev

Sec. _____ Twp. 12N R. 43E ; 49 km/(mi) south of Austin, Nev

Lat. _____ Long. _____ Elevation 5540 Quad. Cavern NW

Sampler J. T. Sanfale

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

DESCRIPTION:

WATER TEMP. °C	15°C	DISCHARGE	50 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	30°C	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	m.g.
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY R.O. Ranch

PREVIOUS AND/OR CURRENT LEASES ?

AP

2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10939 Date 7/21 Time 955

Name 5494 Cold Artesian Well Location: Co. Nye State Nev.

Sec. _____ Twp. 13N R. 43E ; 46 km/mi south of Austin, Nev

Lat. _____ Long. _____ Elevation 5494 Quad. Carvers NW

Sampler N.T. Snyder

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

DESCRIPTION:

WATER TEMP. °C	13	DISCHARGE	150 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	29	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	none
FLUID TASTE		STATIC HEAD	—
BUBBLING		SCALING	—
BOILING		TYPE OF PIPING	steel
VEGETATION	grass	ARTESIAN HEAD	yes
FLUID ISSUES FROM	Artesian well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	tan
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
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 Artesian flow

PROPERTY OWNED BY Tank

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F10

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10940 Date 7/21 Time 930

Name Turks Ranch Cold Spring Location: Co. Nye State Nev.

Sec. _____ Twp. 13 N R. 43 E ; 45 km/mi South of Austin, Nev.

Lat. _____ Long. _____ Elevation 5485 Quad. Carver NW

Sampler J. T. Senfile

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.	29	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Turks

PREVIOUS AND/OR CURRENT LEASES ?

np

5

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10941 Date 7/21 Time 1340

Name NWNE36 Cold Spring Location: Co. Nye State Nev

Sec. 36 Twp. 12N R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6670 Quad. Mount Jeffreson

Sampler J. T. Senfuto

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

DESCRIPTION:

WATER TEMP. °C	14	DISCHARGE	5-10 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	good	ARTESIAN HEAD	
FLUID ISSUES FROM	Dal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
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 g.w. seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

T5 R6 F12

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10942 Date 7/21 Time 1600

Name 5498 Hot Spring Location: Co. Nye State Nev

Sec. 34 Twp. 13 N R. 42 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5498 Quad. Millers Ranch

Sampler A. T. Sempple

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

DESCRIPTION:

WATER TEMP. °C	55	DISCHARGE	3 - 7 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	37	DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	mineral	STATIC HEAD	
BUBBLING	yes	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	none	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	f.g
TYPE	KCl	MEGASCOPIC MINERALS	
QUANTITY	very minor		(alkali flat)
COLOR	white		
FORM	amorphous	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	none
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Fault

PROPERTY OWNED BY ?D

PREVIOUS AND/OR CURRENT LEASES ?

rf

V9

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10943 Date 7/21 Time 1630

Name SW 20 Cold Spring Location: Co. Nye State Nev.

Sec. 20 Twp. 13N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5640 Quad. Millett Ranch

Sampler N.T. Serfoso

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

DESCRIPTION:

WATER TEMP. °C	18°C	DISCHARGE	1-3 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	fg → mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
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 g.w. seepage

PROPERTY OWNED BY BLM ?

PREVIOUS AND/OR CURRENT LEASES ?

IS R6 F14

10

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10944 Date 7/21 Time 1700

Name NW 10 Cold Well Location: Co. Nye State Nev

Sec. 10 Twp. 14N R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5545 Quad. Millet Ranch

Sampler N.T. Lapple

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	20-50 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	6"
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	—
BUBBLING		SCALING	—
BOILING		TYPE OF PIPING	steel, copper
VEGETATION		ARTESIAN HEAD	—
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → fg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Twist Ranch

PREVIOUS AND/OR CURRENT LEASES ?

NP

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10945 Date 7/22/77 Time 1230

Name Hot Springs Point H.S. Location: Co. Lander State Nev.

Sec. — Twp. 24N R. 47E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5660 Quad. Walti Hot Springs (15')

Sampler RBates

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

DESCRIPTION:

WATER TEMP. °C	57°C	DISCHARGE	1-2 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING	yes	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	bun dance, gr grass	ARTESIAN HEAD	
FLUID ISSUES FROM	sinkhole or	ROCK DATA:	
valley floor		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	yes	MEGASCOPIC MINERALS	
QUANTITY	Major		
COLOR	White		
FORM	Amorphous	ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	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 picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10946 Date 7/22/77 Time 1500

Name Rye Patch W.S. Location: Co. Eureka State Nevada

Sec. 2 Twp. 24N R. 48E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6000 Quad. Walter Hot Springs (15')

Sampler R Bates

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

DESCRIPTION:

WATER TEMP. °C	20°C	DISCHARGE	20-25 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	gn grass	ARTESIAN HEAD	
FLUID ISSUES FROM	base of mountain range	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	6	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	6	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 fracture.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10947 Date 7/21 Time 1100

Name Meadow Cr Cold Well Location: Co. Nye State Nev

Sec. — Twp. 10 N R. 46 E ; 1.3 .3 km/mi South West of T10N & T11N Line R46E & R47E Line

Lat. — Long. — Elevation 6890 Quad. Bailey Creek

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	9°	DISCHARGE	5° gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	26°	DEPTH	—
ODOR	None	BORE	12"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Windmill	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR IMMEDIATE AREA USED FOR	
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES —

No Picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10948 Date 7/21 Time 1030

Name NW NE 36 Cold Well Location: Co. Nye State Nev

Sec. 36 Twp. 11 N R. 46 E ; km/mi — of —

Lat. — Long. — Elevation 6865 Quad. Mosquito Creek

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	11°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	26°	DEPTH	—
ODOR	None	BORE	20"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Windmill	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R4-F31

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10949 Date 7/21 Time 1430

Name Byers Ranch CS Location: Co. Churchill State Nev.

NW NW Sec. 9 Twp. 20N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5140 Quad. Edwards Creek Valley 15'

Sampler Dallam Masterson

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

DESCRIPTION:

WATER TEMP. °C	13	DISCHARGE	35 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	clover	ARTESIAN HEAD	
FLUID ISSUES FROM	alluvium	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 natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F26

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10950 Date 7/21 Time 1645

Name SWSW 18 CS Location: Co. Churchill State Nev.

SWSW Sec. 18 Twp. 21N R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5120 Quad. Edwards Creek Valley 15'

Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C	15	DISCHARGE	1 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	
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 natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F27

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10951 Date 7/21 Time 1600

Name SESE 22 WW Location: Co. Churchill State Nev.

SESE Sec. 22 Twp. 21N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5270 Quad. Edwards Creek Valley 15'

Sampler Dallam Masterson

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

DESCRIPTION:

WATER TEMP. °C	25*	DISCHARGE	– gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	yes
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	drinking
QUANTITY		IMMEDIATE AREA USED FOR	mining
COLOR			
FORM		QUALITY OF SAMPLE: EXC, GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture * water sampled had been backed up in pipes - well was turned off

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10952 Date 7/21 Time 1330

Name SESE 12 CW Location: Co. Churchill State Nev.

SESE Sec. 12 Twp. 19N R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5230 Quad. Clan Alpine Ranch 15'

Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C	170	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	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 IMMEDIATE AREA	irrigation
QUANTITY		USED FOR	farming
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10953 Date 7/22 Time 1830

Name SENE 15 CW Location: Co. Lander State Nev.

SENE Sec. 15 Twp. 24N R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4984 Quad. Gilbert Creek NW 7½'

Sampler D. Masterson

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

DESCRIPTION:

WATER TEMP. °C	170	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	diesel
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	no
FLUID ISSUES FROM	pump	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	irrigation
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10954 Date 7/22 Time 1500

Name Dugan Ranch Warm Spring Location: Co. Nye State Nev

NE, NW Sec. 25 Twp. 8N R. 49E ; — km/mi — of —

Lat. — Long. — Elevation 5920 Quad. Morey Peak

Sampler Burle Williams

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

DESCRIPTION:

WATER TEMP. °C	31°	DISCHARGE	15-20 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	32°	DEPTH	
ODOR	Mild H_2S	BORE	
FLUID COLOR	Clear	PUMP TYPE	
FLUID TASTE	Mild Sulfur	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Green Algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Spring on S. Side of Road	ROCK DATA:	
		TYPE (SURFACE)	Dal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	Cattle & Pond
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION E-W Fault Zone

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F1

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10955 Date 7/22 Time 1230

Name Upper Warm spring Location: Co. Nye State Nev

SE, SW Sec. 21 Twp. 8N R. 49E ; _____ km/mi — of —

Lat. — Long. — Elevation 6160 Quad. Morey Peak

Sampler Burle Williams

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

DESCRIPTION:

WATER TEMP. °C	35°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	290	DEPTH	
ODOR	None	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	Minor CO2	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Green algae & Grasses	ARTESIAN HEAD	

FLUID ISSUES FROM Sinkhole on North side of Road

ROCK DATA:

TYPE (SURFACE) Oal

COLOR

GRAIN SIZE

MEGASCOPIC MINERALS

SALT:

TYPE None

QUANTITY

COLOR

FORM

ALTERATION

SINTER:

RX TYPE (AT DEPTH)

TYPE None

QUANTITY

COLOR

FORM

WATER USED FOR IMMEDIATE AREA USED FOR Cattle Grazing

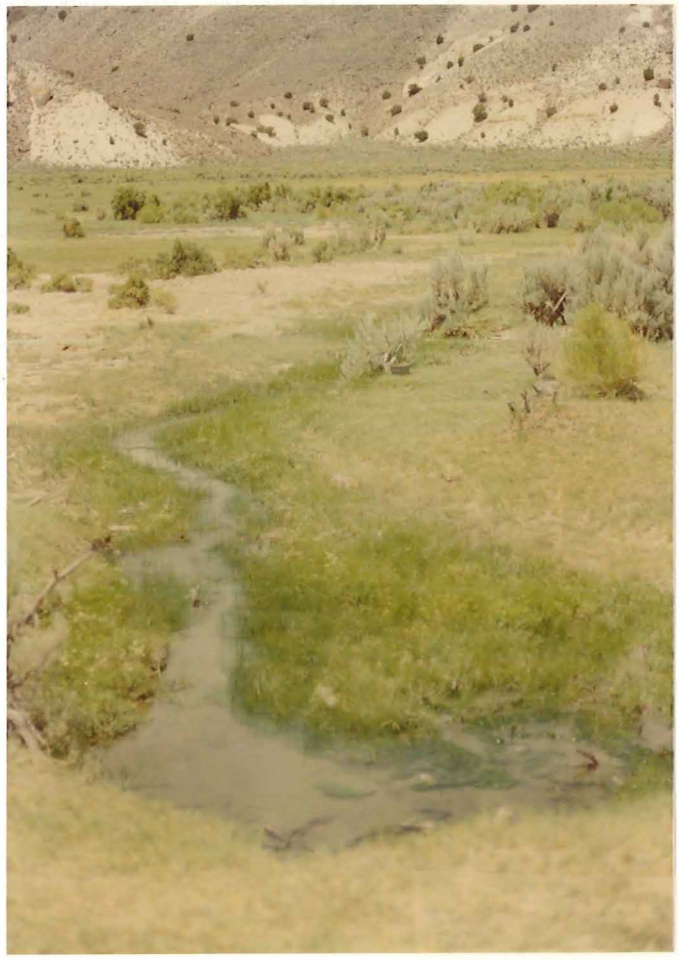
QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible E-W Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R4-F35



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10956 Date 7/22 Time 1730

Name Little Fish Lake Ranch Cold Well Location: Co. Nye State Nev

NW, SW Sec. 11 Twp. 10N R. 49E ; _____ km/mi — of —

Lat. — Long. — Elevation 6560 Quad. Morey Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	10°	DISCHARGE	5 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	26°	DEPTH	—
ODOR	None	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Galvanized Steel
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Windmill S.W. of House	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	Residential & livestock
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Little Fish Lake Ranch

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10957 Date 7/22 Time 1630

Name SE SE 14 Hot Spr. Location: Co. Nye State Nev

Sec. 14 Twp. 10N R. 49E ; _____ km/mi — of —

Lat. — Long. — Elevation 6520 Quad. Money Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	40°	DISCHARGE	5 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	26°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	moderate CO2	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Brown Algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Sinkhole .5 mi E. of South end of Upper Fish Lake	ROCK DATA:	
		TYPE (SURFACE)	Opal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	-0-
QUANTITY		IMMEDIATE AREA USED FOR	-0-
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION N-S Fault System

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10958 Date 7/22 Time 1320

Name Page Cold Spr. Location: Co. Nye State Nev

SW, NW Sec. 22 Twp. 8N R. 49E ; _____ km/mi — of —

Lat. — Long. — Elevation 6160 Quad. Morey Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	12°	DISCHARGE	<1 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	28°	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	Spring at Base of Rock Cliffs	ROCK DATA:	
		TYPE (SURFACE)	Syenite
		COLOR	white
SALT:		GRAIN SIZE	Fine
TYPE	None	MEGASCOPIC MINERALS	Quartz
QUANTITY			Biotite
COLOR			Amphibole
FORM		ALTERATION	Fe-staining
SINTER:		RX TYPE (AT DEPTH)	—
TYPE	None	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION Possible E-W Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R4-F37

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10959 Date 7/22 Time 1715

Name Little Fish Lake Ranch Cold Spr. Location: Co. Nye State Nev

SW, NW Sec. 11 Twp. 10 N R. 49E ; _____ km/mi — of —

Lat. — Long. — Elevation 6520 Quad. Morey Peak

Sampler Burle Williams

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

DESCRIPTION:

WATER TEMP. °C	14°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	26°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Grasses	ARTESIAN HEAD	
FLUID ISSUES FROM	Spring 200' East of House	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Livestock
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Fish Lake Ranch

PREVIOUS AND/OR CURRENT LEASES —

No Picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10960 Date 7/22 Time 1800

Name Fish Warm Spring Location: Co. Nye State Nev

NW, NE Sec. 7 Twp. 11 N R. 50 E ; _____ km/mi — of —

Lat. — Long. — Elevation 6640 Quad. Fish Sprs.

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	19° partial solar heating	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	20°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Clear	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Grasses	ARTESIAN HEAD	
FLUID ISSUES FROM	Small Pond on East side of Valley	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	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., (GOOD), POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-RS-F4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10961 Date 7/22 Time 1200

Name Page Warm Spring Location: Co. Nye State Nev.

NW, NW Sec. 28 Twp. 8N R. 49E ; — km/mi — of —

Lat. — Long. — Elevation 6160 Quad. Money Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	22° Solar Heated	DISCHARGE	<1 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	24°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Smokey	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Spring at S. edge of Valley	ROCK DATA:	
		TYPE (SURFACE)	Siltstone
		COLOR	White
SALT:		GRAIN SIZE	Fine
TYPE	None	MEGASCOPIC MINERALS	Quartz
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	—o—
QUANTITY		IMMEDIATE AREA USED FOR	—o—
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION Possible E-W Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BN-R4-F34

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10962 Date 7/22 Time 1245

Name Pat Warm Spring Location: Co. Nye State Nev

NE, SE Sec. 21 Twp. 8N R. 49E ; _____ km/mi — of —

Lat. — Long. — Elevation 6160 Quad. Morey Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	25°	DISCHARGE	10-15 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	30°	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 & mosses	ARTESIAN HEAD	
FLUID ISSUES FROM	Spring on S. Side of Road	ROCK DATA:	
		TYPE (SURFACE)	Rhyolite
		COLOR	White on Fresh surface
SALT:		GRAIN SIZE	—
TYPE	None	MEGASCOPIC MINERALS	Quartz
QUANTITY			K-Feldspar
COLOR			
FORM		ALTERATION	—
SINTER:		RX TYPE (AT DEPTH)	—
TYPE	None	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION E-W Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R4-F36

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10963 Date 7/23 Time 1220

Name Hay Ranch Cold Spring Location: Co. Eureka State Nev

Sec. 20 Twp. 19N R. 52E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6032 Quad. Whistler Mtn

Sampler NT Sample

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

DESCRIPTION:

WATER TEMP. °C	17°C	DISCHARGE	1-3 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	33	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
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 g.w. seepage

PROPERTY OWNED BY private

PREVIOUS AND/OR CURRENT LEASES ?

T5 R6 F20

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10964 Date 7/23 Time 1400

Name Mud Cold Spring Location: Co. Eureka State Nev

Sec. _____ Twp. 20N R. 50E ; 2 km/mi NW of Lone Mtn

Lat. _____ Long. _____ Elevation 6136 Quad. Bastine Ranch

Sampler NT Sulfo

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

DESCRIPTION:

WATER TEMP. °C	12°C	DISCHARGE	.5 - 1.0 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	32	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION	grass	ARTESIAN HEAD	slightly
FLUID ISSUES FROM	pipe in Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	fg - mg
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 g.w. seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F21

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W109965 Date 7/23 Time 1600

Name NW 18 warm Spring Location: Co. Eureka State Nev.

Sec. 18 Twp. 19N R. 49E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6115 Quad. Bartine Ranch

Sampler TJS

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

DESCRIPTION:

WATER TEMP. °C	20	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31	DEPTH	
ODOR	none sulfur	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g.
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 g.w seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JSR & FZG

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10966 Date 7/22 Time 1600

Name Reese River Location: Co. Lander State Nev

Sec. 11 Twp. 18N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5740 Quad. Austin

Sampler N. T. Senfete

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

DESCRIPTION:

WATER TEMP. °C	26°C *	DISCHARGE	gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR		BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → fg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
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 g.w. seepage ?

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES

denied access to springs feeding Reese River

T5 R6 F16

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10967 Date 7/23 Time 1530

Name NE 18 Cold Spring Location: Co. Eureka State Nev.

Sec. 18 Twp. 19N R. 49E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6115 Quad. Barbine Ranch

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C	14°C	DISCHARGE	2-5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31°C	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
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 bwd seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JSR&F25

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10968 Date 7/23 Time 1230

Name Barbine Ranch Cold Art. Well Location: Co. Eureka State _____

Sec. 17 Twp. 19 N R. 49 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6095 Quad. Barbine Ranch

Sampler ATS

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

DESCRIPTION:

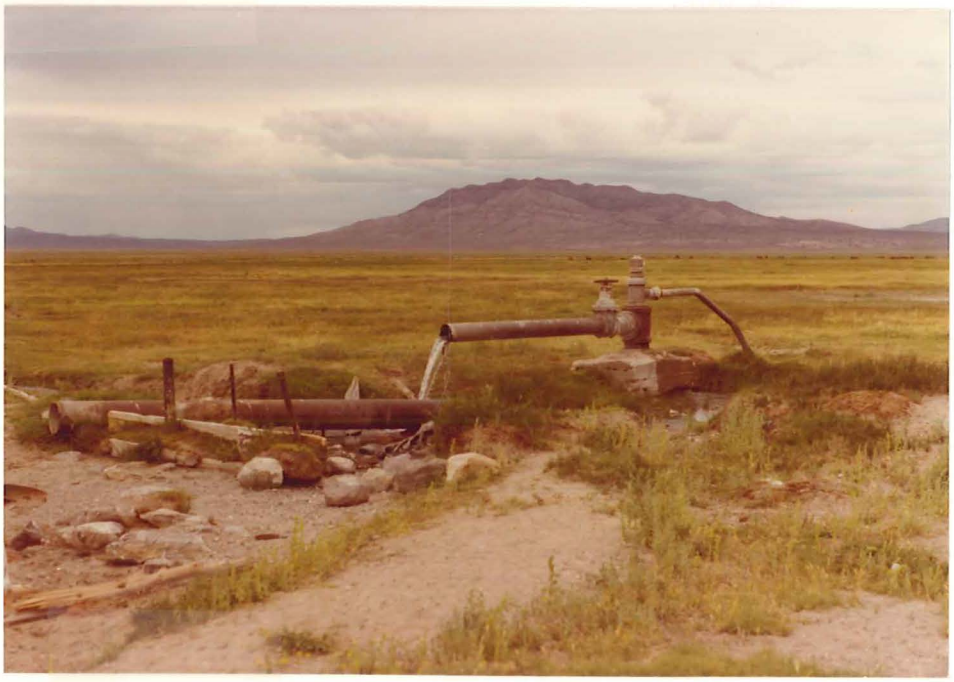
WATER TEMP. °C	15	DISCHARGE	100 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	30	DEPTH	
ODOR	none	BORE	10"
FLUID COLOR		PUMP TYPE	—
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	yes
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	bn
SALT:		GRAIN SIZE	mg
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 art. well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F27



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10969 Date 7/23 Time 1140

Name NE 8 Coldwell Location: Co. Eureka State Nev.

Sec. 8 Twp. 19N R. 52E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6090 Quad. Whistler Mtn

Sampler N T Lefebvre

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

DESCRIPTION:

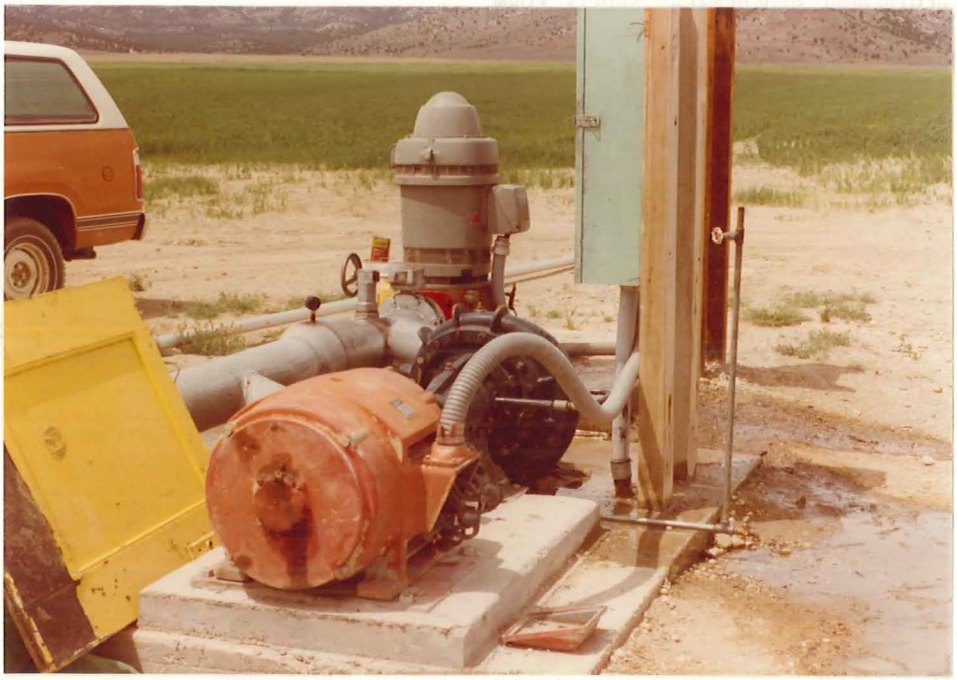
WATER TEMP. °C	13°C	DISCHARGE	1200 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	32	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	aboveground electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	fg → mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	irrigation
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY private

PREVIOUS AND/OR CURRENT LEASES ?

JSR6 F19



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10970 Date 7/23 Time 1500

Name NE 5 Hot Spring Location: Co. Eureka State Nev.

Sec. 5 Twp. 19N R. 49E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6175 Quad. Barbene Ranch

Sampler N.T.S

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

DESCRIPTION:

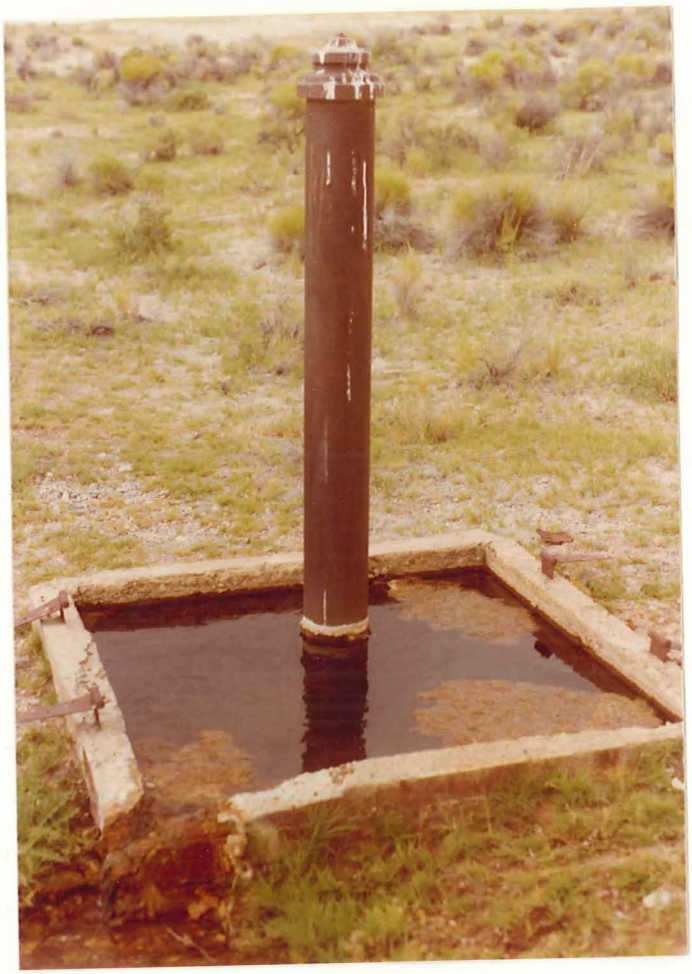
WATER TEMP. °C	43°C	DISCHARGE	2 - 10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31	DEPTH	
ODOR	—	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	mineral	STATIC HEAD	
BUBBLING	mina	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	none	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	Travertine	WATER USED FOR IMMEDIATE AREA	—
Sampled QUANTITY	ancient deposit (large)	USED FOR	
COLOR	white		
FORM	amorphous	QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JSR6 F 23,24



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10971 Date 7/22 Time 1135

Name NE 22 Cold Spring Location: Co. Nye State Nev

Sec. 22 Twp. 14N R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5550 Quad. Millett Ranch

Sampler JTLafite

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

DESCRIPTION:

WATER TEMP. °C	24°C *	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	H_2S	BORE	
FLUID COLOR	yellow	PUMP TYPE	
FLUID TASTE	none	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g.
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 g.w. seepage ?

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES ?

JS RG F/5

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10972 Date 7/28/77 Time 0945

Name Water Canyon C.S. Location: Co. Garden State New.

NESE Sec. 27 Twp. 20N R. 17E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6680 Quad. Ackerman Canyon (15')

Sampler R. BATRA

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

DESCRIPTION:

WATER TEMP. °C	15.5°C	DISCHARGE	1-2 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	~~[illegible]~~ yellow algae / green	ARTESIAN HEAD	
FLUID ISSUES FROM	fault in black limestone	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	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 _____

FDR3 F14

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10973 Date 7/28/77 Time 1100

Name Ferguson Ranch C.W. Location: Co. Lander State Nev.

NESW Sec. 18 Twp. 21N R. 48E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6600 Quad. Ackerman Canyon (15')

Sampler F. Dellarchaie

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

DESCRIPTION:

WATER TEMP. °C	13.5°C	DISCHARGE	Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	0	BORE	6"
FLUID COLOR	0	PUMP TYPE	Gas
FLUID TASTE	0	STATIC HEAD	
BUBBLING	0	SCALING	0
BOILING	0	TYPE OF PIPING	Iron Piping
VEGETATION	0	ARTESIAN HEAD	No
FLUID ISSUES FROM	Gas Pump Well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY –

PREVIOUS AND/OR CURRENT LEASES –

F4 R3 F15

Don Smith
Santa Fe Ranch, Box 36
Eureka, Nev. 89316

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10974 Date 7/23/77 Time 1200

Name Santa Fe Ranch C.S. Location: Co. Eureka State Nevada

Sec. NE NE 36 Twp. 22N R. 48E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6476 Quad. Ackerman Canyon

Sampler R. BATRA & F. Dellechaie

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

DESCRIPTION:

WATER TEMP. °C	16°C *	DISCHARGE	10 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	0	DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	0	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	0	ARTESIAN HEAD	

FLUID ISSUES FROM sinkhole on valley floor

ROCK DATA:

TYPE (SURFACE)	Qal
COLOR	
GRAIN SIZE	
MEGASCOPIC MINERALS	
ALTERATION	0
RX TYPE (AT DEPTH)	
WATER USED FOR	
IMMEDIATE AREA USED FOR	

SALT:

TYPE	0
QUANTITY	
COLOR	
FORM	

SINTER:

TYPE	0
QUANTITY	
COLOR	
FORM	

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

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY Don Smith.

PREVIOUS AND/OR CURRENT LEASES NO

NO pictures *Water flows under ground via pipe for ≈0.4 mi maybe slightly solar heated.

√

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10975 Date 7/23 Time 1300

Name Ardans Ranch Warm Spring Location: Co. Eureka State Nev.

NE, N W Sec. 30 Twp. 17N R. 50E ; — km/mi — of —

Lat. — Long. — Elevation 6800 Quad. Antelope Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	23° solar Heated	DISCHARGE	1-2 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	29°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Clear	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Grasses	ARTESIAN HEAD	
FLUID ISSUES FROM	Spring South of House	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	-0-
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., (GOOD), POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Eureka Ranches

PREVIOUS AND/OR CURRENT LEASES —

BW-RS-F11

J

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10976 Date 7/23 Time 1145

Name 18 Warm Artesian Well Location: Co. Eureka State Nev.

SW, SW, SW Sec. 18 Twp. 18N R. 51E ; _____ km/mi — of —

Lat. — Long. — Elevation 6160 Quad. Antelope Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	28°	DISCHARGE	10 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	28°	DEPTH	—
ODOR	None	BORE	10"
FLUID COLOR	clear	PUMP TYPE	Artesian
FLUID TASTE	None	STATIC HEAD	Flowing
BUBBLING	No	SCALING	Brown algae
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	Flowing
FLUID ISSUES FROM	Artesian Well	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Artesian System

PROPERTY OWNED BY Eureka Ranch Co.

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F/O

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10977 Date 7/23 Time 1410

Name Sullivan Cold Spring Location: Co. Eureka State Nev

NE, NW Sec. 31 Twp. 17N R. 50E ; _____ km/mi _____ of _____

Lat. — Long. — Elevation 6840 Quad. Antelope Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	16°	DISCHARGE	5-10 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	Grasses + Green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Spring above water troughs	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, (POOR)	

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Eureka Ranches

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F12

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10978 Date 7/23 Time 1030

Name Hot Springs Ranch Hot Spring Location: Co. Eureka State Nev

NW, SW Sec. 28 Twp. 18N R. 50E ; _____ km/mi — of —

Lat. — Long. — Elevation 6340 Quad. Antelope Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	64°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	27°	DEPTH	—
ODOR	None	BORE	10"
FLUID COLOR	Clear	PUMP TYPE	—
FLUID TASTE	None	STATIC HEAD	Surface
BUBBLING	Minor CO_2	SCALING	KCl & algae
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	Brown algae	ARTESIAN HEAD	—
FLUID ISSUES FROM	sinkhole & well casing on East side of Road	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	KCl	MEGASCOPIC MINERALS	
QUANTITY	Minor		
COLOR	White		
FORM	Amorphous	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	-0-
QUANTITY		IMMEDIATE AREA USED FOR	-0-
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Possible N-S Fault

PROPERTY OWNED BY Eureka Ranch Co.

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10979 Date 7/23 Time 1115

Name 30 Warm artesian Well Location: Co. Eureka State Nev

SW, NW

Sec. 30 Twp. 18N R. 51E ; — km/mi — of —

Lat. — Long. — Elevation 6200 Quad. Antelope Peak

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	22°	DISCHARGE	150-200 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	26°	DEPTH	—
ODOR	None	BORE	10"
FLUID COLOR	Clear	PUMP TYPE	Flowing Artesian
FLUID TASTE	None	STATIC HEAD	Flowing
BUBBLING	No	SCALING	Black-Brown algae
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	Green Algae	ARTESIAN HEAD	Flowing
FLUID ISSUES FROM	Artesian well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural Artesian Flow

PROPERTY OWNED BY Eureka Ranch Co

PREVIOUS AND/OR CURRENT LEASES _____

BW-R5-F9

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10980 Date 7/23 Time 1345

Name NESE 27 CW Location: Co. Lander State Nev.

NESE Sec. 27 Twp. 24N R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5208 Quad. Manhattan Mtn. NE 7½'

Sampler 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	—	BORE	
FLUID COLOR	brownish due to pipe rust	PUMP TYPE	windmill
FLUID TASTE	salty	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
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 ranching
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION —

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F33


DEEP FIRE

Rock Samples
(from mine area)

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10981 Date 7/23 Time 1730

Name McCoy HW Location: Co. Churchill State Nev.

Sec. – Twp. 23N R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4940 Quad. Gilbert Creek SW 7½'

Sampler D. Masteron

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

DESCRIPTION:

110°F WATER TEMP. °C 39 DISCHARGE – gpm/Lpm

GROUND TEMP. °C _____

AIR TEMP. _____

ODOR –

FLUID COLOR –

FLUID TASTE –

BUBBLING –

BOILING –

VEGETATION –

FLUID ISSUES FROM pipe in wash below mine

WELL DATA:

DEPTH 180' to H_2O

BORE 1½"

PUMP TYPE _____

STATIC HEAD _____

SCALING no

TYPE OF PIPING _____

ARTESIAN HEAD no

ROCK DATA:

TYPE (SURFACE) limestones

COLOR grey to blue

GRAIN SIZE _____

MEGASCOPIC MINERALS cinnabar

ALTERATION yes - HT alteration to clays

RX TYPE (AT DEPTH) limestone

WATER USED FOR drinking

IMMEDIATE AREA USED FOR mercury mine

SALT:

TYPE –

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE –

QUANTITY _____

COLOR _____

FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Monte Lloyd

PREVIOUS AND/OR CURRENT LEASES none

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10982 Date 7/23 Time 1000

Name 5428 WW Location: Co. Lander State Nev.

Sec. — Twp. 22N R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Manhattan Mtn. 7½'

Sampler Dallam Masterson

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

DESCRIPTION:

WATER TEMP. °C	32	DISCHARGE	_____ gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	—	BORE	3"
FLUID COLOR	—	PUMP TYPE	—
FLUID TASTE	—	STATIC HEAD	—
BUBBLING	—	SCALING	—
BOILING	—	TYPE OF PIPING	steel
VEGETATION	green, brown algae	ARTESIAN HEAD	yes
FLUID ISSUES FROM	pipe E of intermittent 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	—
QUANTITY		USED FOR	grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION unknown

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F32

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10983 Date 7/23 Time 1545

Name Cain C'S Location: Co. Lander State Nev.

SW Sec. 5 Twp. 24N R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5480 Quad. Shoshone Meadows 15'

Sampler D. Masterson

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	—
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	clover	ARTESIAN HEAD	
FLUID ISSUES FROM	limestone on E flank of Augusta Mtns.	ROCK DATA:	
		TYPE (SURFACE)	limestone
		COLOR	grey
SALT:		GRAIN SIZE	very fine
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 ?

DM R2 F34

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10984 Date 7/23 Time 1445

Name SESE 9 CW Location: Co. Lander State Nev.

SESE Sec. 9 Twp. 25N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Mt. Moses 15'

Sampler 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	– gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	diesel
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	
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	irrigation
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10985 Date 7/23 Time 930

Name W of 8A WS Location: Co. Lander State Nev.

Sec. – Twp. 22N R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Manhattan Mtn. 7½'

Sampler Dallon Masterson

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	10 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	seep W of road	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 natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

OM R2 F31

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10986 Date 7/25 Time 1245

Name Stillwater Hot Well Location: Co. Churchill State Nev

SW, SE Sec. 7 Twp. 19N R. 31E ; — km/mi — of —

Lat. — Long. — Elevation 3895 Quad. Stillwater

Sampler Burle Williams

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

DESCRIPTION:

WATER TEMP. °C	67°	DISCHARGE	2-5 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	34°	DEPTH	—
ODOR	Mild Sulfur	BORE	3"
FLUID COLOR	Clear	PUMP TYPE	None
FLUID TASTE	Very salty & Sulfurous	STATIC HEAD	Artesian
BUBBLING	No	SCALING	Minor KCl
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	Flowing
FLUID ISSUES FROM	Well	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NaCl & KCl	MEGASCOPIC MINERALS	
QUANTITY	Minor		
COLOR	white		
FORM	amorphous	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	-0-
QUANTITY		IMMEDIATE AREA USED FOR	Residential
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Artesian Well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F13

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10987 Date 7/25 Time 1310

Name Hager Hot Well Location: Co. Churchill State Nev

SW, SE Sec. 7 Twp. 19N R. 31E ; [illegible] km/mi — of —

Lat. — Long. — Elevation 3895 Quad. Stillwater

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	98°	DISCHARGE	1-2 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	34°	DEPTH	—
ODOR	Mild H_2S	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	None
FLUID TASTE	Very salty + sulferous	STATIC HEAD	under Hot water Pressure
BUBBLING	No	SCALING	NaCl
BOILING	Yes	TYPE OF PIPING	Steel
VEGETATION	Brown algae	ARTESIAN HEAD	No
FLUID ISSUES FROM	Well on S. side Highway 42°	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NaCl	MEGASCOPIC MINERALS	
QUANTITY	Moderate		
COLOR	White		
FORM	amorphous	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	-0-
QUANTITY		IMMEDIATE AREA USED FOR	Residential
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Hot well under Pressure

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F14

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10988 Date 7/25 Time 1515

Name Hole in the Wall WS Location: Co. _____ State _____

S Sec. 24 Twp. 24N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3920 Quad. Shoshone Meadows 15'

Sampler D. Masterson

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

DESCRIPTION:

WATER TEMP. °C	24	DISCHARGE	10 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	—
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	dry stream bed	ROCK DATA:	
		TYPE (SURFACE)	Qal (nearest outcrop amphibolitic gneiss)
		COLOR	greyish
SALT:		GRAIN SIZE	medium
TYPE	—	MEGASCOPIC MINERALS	amphibole, K. feldspar
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 fault?

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 FO

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10989 Date 7/25 Time 1700

Name Borax Working w S. *sdar loaded Location: Co. Churchill State Nev.

Sec. _____ Twp. 16 N R. 30 E ; 1.5 km/mi south of Scott Wells

Lat. _____ Long. _____ Elevation 3970 Quad. Carson Lake

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C	35	DISCHARGE	0 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	36	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	none
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR, Terrible	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 E29

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10990 Date 7/25 Time 1530

Name Cold Rock Spring Location: Co. Churchill State Nev.

Sec. 31 Twp. 16N R. 30E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3920 Quad. Carson Lake

Sampler N.T. Sedgley

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

DESCRIPTION:

WATER TEMP. °C	17°C	DISCHARGE	1-3 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	mineral	STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	br
SALT:		GRAIN SIZE	fg → mg
TYPE	NaCl	MEGASCOPIC MINERALS	
QUANTITY	moderate		
COLOR	white		
FORM	amorph	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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS RG F28

send analysis report to: Carl Bennett
P.O. Box 975
Lovelock, Nevada.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10991 Date 7/27/77 Time 1200

Name Arobio Ranch e.s. Location: Co. Pershing State Nev.

NESW Sec. 28 Twp. 27N R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3960 Quad. Toulon (15')

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	15°C	DISCHARGE	20-25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	26°	DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	mildly sulfurous, salty	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	fine grass	ARTESIAN HEAD	
FLUID ISSUES FROM	valley floor	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Irrigation
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES —

BW R5 F15

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10992 Date 7/28 Time 1445

Name Packard Flat C. Well Location: Co. Pershing State Nev

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

Lat. — Long. — Elevation _____ Quad. Buffalo Mountain

Sampler Burke Williams

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.	27°	DEPTH	—
ODOR	None	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Windmill NE of Paved Road	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-RS-F17

2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10993 Date 7/28 Time 1400

Name Colado Hot Well Location: Co. Pershing State Nev

NW SE Sec. 33 Twp. 28N R. 32E ; — km/mi — of —

Lat. — Long. — Elevation 4080 Quad. Lovelock

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	54°	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	27°	DEPTH	—
ODOR	None	BORE	16"
FLUID COLOR	Clear	PUMP TYPE	Electric
FLUID TASTE	Very Salty & Hard	STATIC HEAD	—
BUBBLING	No	SCALING	—
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Electric Pump & Well Behind Diatomite Processing Plant	ROCK DATA:	
		TYPE (SURFACE)	Oval
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Mineral Plant
QUANTITY		IMMEDIATE AREA USED FOR	Mineral Processing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Eagle-Pitcher Industries

PREVIOUS AND/OR CURRENT LEASES ?

No Picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10994 Date 7/28/77 Time 1400

Name Cool Canyon W. W. Location: Co. Pershing State Nevada

NWSW Sec. 8 Twp. 27N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4810 Quad. (Lovelock), 15'

Sampler RBahn

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

DESCRIPTION:

WATER TEMP. °C	21°C	DISCHARGE	Windmill pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	26°	DEPTH	
ODOR	0	BORE	6"
FLUID COLOR	0	PUMP TYPE	Mechanical/windmill
FLUID TASTE	salty, alkaline	STATIC HEAD	—
BUBBLING	0	SCALING	—
BOILING	0	TYPE OF PIPING	Steel tubing
VEGETATION	brn algae	ARTESIAN HEAD	No
FLUID ISSUES FROM	well operated by windmill pump	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Windmill pump

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

BWR5F/6

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10995 Date 7/28 Time 1030

Name HAZEN H.S. Location: Co. Lyon State NEV

Sec. 18 Twp. 20N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4060 Quad. Two Tips

Sampler R Wager

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

DESCRIPTION:

WATER TEMP. °C	92°C	DISCHARGE	500 (gpm/Lpm)
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR	Colorless	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	YES - 6"-12" geyser	SCALING	
BOILING	YES	TYPE OF PIPING	
VEGETATION	Swamp grass + algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Natural cast hole	ROCK DATA:	
Crow valley floor		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	KCL	MEGASCOPIC MINERALS	
QUANTITY	Minor		
COLOR	White		
FORM	amorphous	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR IMMEDIATE AREA	Nothing
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES Magma ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10996 Date 7/28 Time 1:00

Name NW 18 W.S. Location: Co. LYON State NEV

Sec. _____ Twp. 21N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4020 Quad. _____

Sampler R. Ingram

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

DESCRIPTION:

WATER TEMP. °C 28° solar HEAT

DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C _____

WELL DATA:

AIR TEMP. _____

DEPTH _____

ODOR _____

BORE _____

FLUID COLOR _____

PUMP TYPE _____

FLUID TASTE _____

STATIC HEAD _____

BUBBLING _____

SCALING _____

BOILING _____

TYPE OF PIPING _____

VEGETATION swamp grass & cattails

ARTESIAN HEAD _____

FLUID ISSUES FROM seep

ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT:

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE KCl + NaCl

QUANTITY Major - thick crust

COLOR white

FORM crust

ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

WATER USED FOR Nothing

QUANTITY _____

IMMEDIATE AREA USED FOR Nothing

COLOR _____

FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION N H Flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ??

SAME AS W11247

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10997 Date 7/28 Time 1400

Name NE 35 WS Location: Co. Two Tips State NEV

Sec. 35 Twp. 22 N R. 26 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. _____

Sampler R. H

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

DESCRIPTION:

WATER TEMP. °C 19 *Colgrented

DISCHARGE 30 gpm/Lpm

GROUND TEMP. °C _____

WELL DATA:

AIR TEMP. _____

DEPTH ?

ODOR None

~~BORE~~ DUG 12' x 12'

FLUID COLOR Clear

PUMP TYPE _____

FLUID TASTE None

STATIC HEAD _____

BUBBLING No

SCALING _____

BOILING No

TYPE OF PIPING _____

VEGETATION GRASS + algae

ARTESIAN HEAD _____

FLUID ISSUES FROM open shaft well

ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT:

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE KCl + NaCl

QUANTITY MINOR

COLOR White

FORM _____

ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

WATER USED FOR IMMEDIATE AREA USED FOR Cattle

QUANTITY _____

Cattle

COLOR _____

FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ? N H Flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10998 Date 7/28 Time 1130

Name 4040 W.S. Location: Co. Lyon State NEV

Sec. 27 Twp. 21 N R. 25 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4040 Quad. Two Tips

Sampler R Nagan

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

DESCRIPTION:

WATER TEMP. °C	21° * Solar	DISCHARGE	30 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	—	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	soft	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	swamp grass	ARTESIAN HEAD	
FLUID ISSUES FROM	stream bed	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	KCl + NaCl	MEGASCOPIC MINERALS	
QUANTITY	Major		
COLOR	white		
FORM	amorphous	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	NOTHING
QUANTITY		IMMEDIATE AREA USED FOR	NOTHING
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY Satan

PREVIOUS AND/OR CURRENT LEASES BLM

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10999 Date 7/27 Time 1100

Name Iron Tank CS Location: Co. Lander State Nev

Sec. – Twp. 20N R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7060 Quad. Mt. Curry 7½'

Sampler D. Masterson

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

DESCRIPTION:

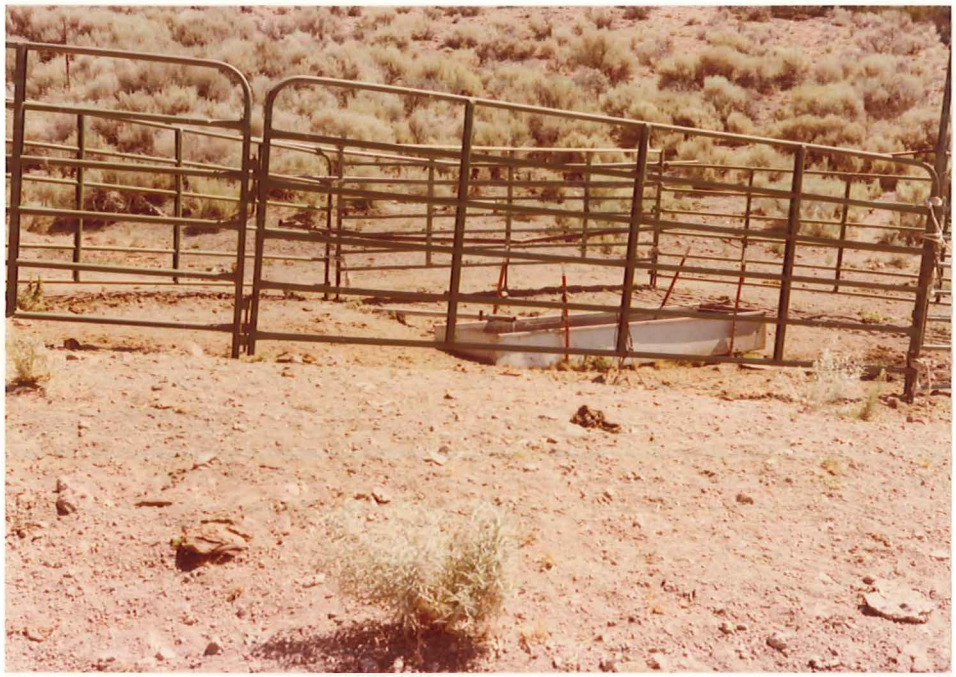
WATER TEMP. °C	12°	DISCHARGE	5 (gpm/Lpm)
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	?
		COLOR	
SALT:		GRAIN 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 natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F5



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W 11000 Date 7/27 Time 1530

Name NW36 CW Location: Co. Lander State Nev.

Sec. 36 Twp. 21N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5544 Quad. Vigus Butte NW

Sampler 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	5-10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	yes
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	grazing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F6

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11001 Date 7/27 Time 1600

Name NWSE 1 CW Location: Co. Lander State Nev.

NWSE Sec. 1 Twp. 21N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5463 Quad. Vigus Butte NW

Sampler 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	5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	yes
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	grazing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

PM R3 F7

2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11002 Date 7/27 Time 1736

Name China CS Location: Co. Lander State Nev.

SWNE Sec. 6 Twp. 21N R. 44E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6140 Quad. Vigus Butte NE 7½'

Sampler D. Mattesson

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

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	20 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	—
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	minor	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	rhyolites	ROCK DATA:	
E of road		TYPE (SURFACE)	rhyolite
		COLOR	pink
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	quartz
QUANTITY			
COLOR			
FORM		ALTERATION	no
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 fault?

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10003 Date 7/27 Time 1900

Name NWNW 30 WW Location: Co. Lander State Nev

Sec. 30 Twp. 18N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5846 Quad. Dandolfo Canyon 7½'

Sampler D. Masterson

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

DESCRIPTION:

WATER TEMP. °C	18.5	DISCHARGE	– gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	electric
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	
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	irrigation
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11004 Date 7/26 Time 1915

Name Big antelope CS Location: Co. Lander State Nev.

Sec. – Twp. 22N R. 41E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5520 Quad. Mount Airy NW 7½'

Sampler 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	5-10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Seep at side of road	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 _____

DM R3 F3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11005 Date 7/26 Time 2015

Name Petersons Mill W/W Location: Co. Lander State Nev.

Sec. _____ Twp. 20 N R. 40 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6345 Quad. Mt. Airy 7½'

Sampler D. Masterson

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

DESCRIPTION:

WATER TEMP. °C	33°	DISCHARGE	4 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	—	BORE	4"
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	steel
VEGETATION	—	ARTESIAN HEAD	yes
FLUID ISSUES FROM	artesian 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	cattle
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 ?

DM R3 E4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11006 Date 7/22 Time 1130

Name NW 19 Cord Well Location: Co. Lander State Nev

Sec. 19 Twp. 16N R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6111 Quad. South Shoshone Peak

Sampler A T Sedgo

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

DESCRIPTION:

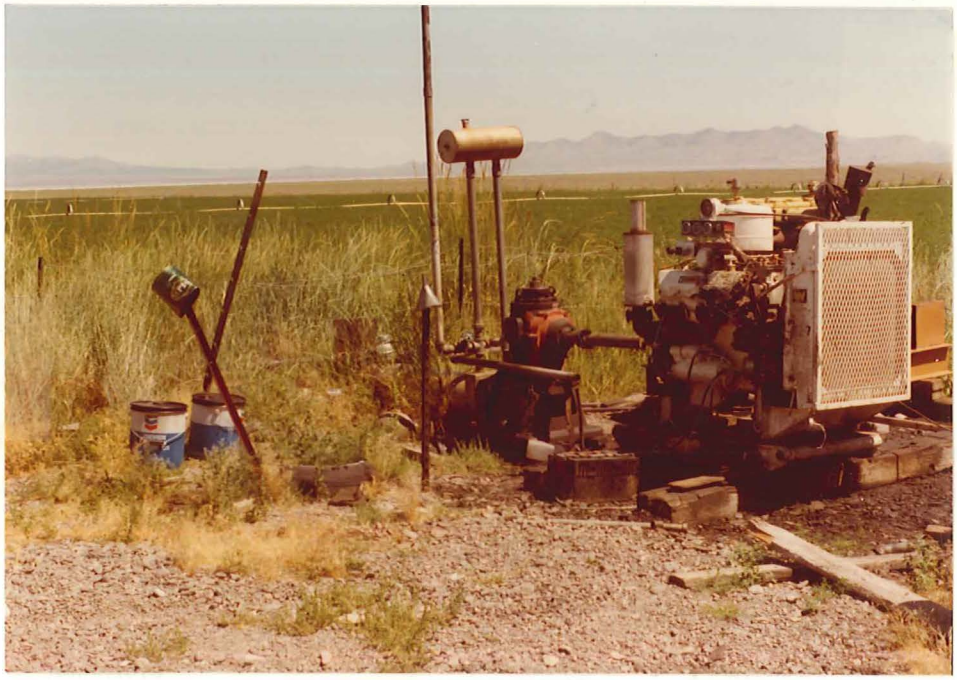
WATER TEMP. °C	17°C	DISCHARGE	1000 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	32	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	above grd; electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	irrigation pump	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	irrigation
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F32



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11067 Date 7/27 Time 1315

Name Midas Warm Spr. (Solar Heated) Location: Co. Nye State Nev

Sec. _____ Twp. 13N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6800 Quad. South Shoshone Peak

Sampler A T Sandoto

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

DESCRIPTION:

WATER TEMP. °C	22 (Solar Heated)	DISCHARGE	.25 - .5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f. g.
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R6F34

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11008 Date 7/27 Time 1230

Name Peterson Cold Spring Location: Co. Lander State Nev.

Sec. 32 Twp. 14N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6600 Quad. South Shoshone Lake

Sampler AT Sandfole

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

DESCRIPTION:

WATER TEMP. °C	14	DISCHARGE	.25 - 1.0 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	32	DEPTH	
ODOR	none	BORE	
FLUID COLOR	milky	PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → fg
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F37

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11009 Date 7/27 Time 1510

Name Ione Cold Spring Location: Co. Nye State Nev.

Sec. _____ Twp. 12N R. 39E ; .25 km/mi NE of Ione

Lat. _____ Long. _____ Elevation 6780 Quad. Ione

Sampler A T Sanfilo

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.	34	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg.
QUANTITY			
COLOR			
FORM		ALTERATION	none
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 g-w Seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JSR7 F2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11010 Date 7/27 Time 1450

Name Ione Warm Spring Location: Co. Nye State Nev

Sec. _____ Twp. 12N R. 39E ; 2 km/(mi) NE of Ione

Lat. _____ Long. _____ Elevation 7200 Quad. Ione

Sampler JT Septo

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

DESCRIPTION:

WATER TEMP. °C 21°C

GROUND TEMP. °C _____

AIR TEMP. 34

ODOR none

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION _____

FLUID ISSUES FROM pipe

DISCHARGE .5-1 (gpm)/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE _____

MEGASCOPIC MINERALS mg

ALTERATION none

RX TYPE (AT DEPTH) _____

WATER USED FOR IMMEDIATE AREA USED FOR cattle

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

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JSR&F36

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11011 Date 7/27 Time 1500

Name SW 19 Cold Well Location: Co. Nye State Nev

Sec. 19 Twp. 8N R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6470 Quad. South Shoshone Peak

Sampler A T Sanfado

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

DESCRIPTION:

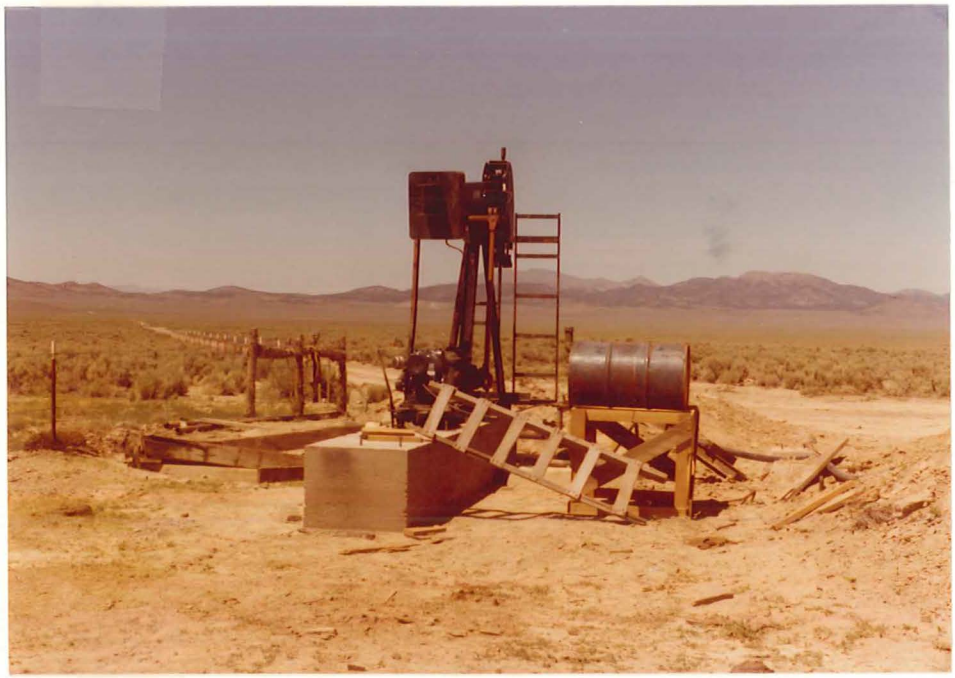
WATER TEMP. °C	18	DISCHARGE	? gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	6-8"
FLUID COLOR		PUMP TYPE	above gd; gas
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g
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 pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JSR6F35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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W 11012 Date 7/26 Time 1630

Name Benton Cold Well Location: Co. Nye State Nev

Sec. _____ Twp. 11N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6676 Quad. Ione

Sampler JT Sedgle

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	500? gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	none	BORE	6"
FLUID COLOR		PUMP TYPE	abv. gnd. electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pump	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11013 Date 7/26 Time 1330

Name 2mw of Holly Wells Cold Well Location: Co. Nye State Nev

Sec. _____ Twp. 12 N R. 36 E ; 2 km/mi west of Holly wells

Lat. _____ Long. _____ Elevation 4680 Quad. Paradise Peak

Sampler JT Sanfale

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	100 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pump	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg-fg
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 pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

ap

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11014 Date 7/26 Time 1530

Name Green Cold Spring Location: Co. Nye State Nev.

Sec. 16 Twp. 12N R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5800 Quad. Paradise Peak

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	13	DISCHARGE	.25 - .75 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → fg
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 E30

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11015 Date _____ Time _____

Name SENE 33 HOT Well Location: Co. Nye State Nev

Sec. 33 Twp. 11N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4600 Quad. Paradise Peak

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	41°C	DISCHARGE	1200 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	?
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	above gnd electric
FLUID TASTE	mineral	STATIC HEAD	/
BUBBLING	/	SCALING	
BOILING	/	TYPE OF PIPING	steel
VEGETATION	/	ARTESIAN HEAD	/
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	tan
SALT:		GRAIN SIZE	vg → fg
TYPE	/	MEGASCOPIC MINERALS	
QUANTITY	/		
COLOR	/		
FORM		ALTERATION	none
SINTER:		RX TYPE (AT DEPTH)	
TYPE	/	WATER USED FOR	drinking
QUANTITY	/	IMMEDIATE AREA USED FOR	
COLOR	/		
FORM	/	QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W110116 Date 7/26 Time 1300

Name SW NE 8 Warm Well Location: Co. Nye State Nev

Sec. 8 Twp. 12N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4656 Quad. Paradise Peak

Sampler JT Sanfede

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

DESCRIPTION:

WATER TEMP. °C	30	DISCHARGE	300 ? gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	abv. grd.; electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pump	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	cooking, irrigation (not drinkable)
QUANTITY			
COLOR			Mg Content U.K.
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

ap

Send Analysis: Charles Lowery
Highway 50 & 23
Fallon, Nev.
89406

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11017 Date 7/28 Time 1730

Name SESE 34 WW Location: Co. Churchill State NV

SESE Sec. 34 Twp. 17N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4610 Quad. West Gate 7½'

Sampler D. Masterson

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

DESCRIPTION:

WATER TEMP. °C	21°	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	208'
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	diesel
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	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 IMMEDIATE AREA	
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC, GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11018 Date 7/28 Time 1615

Name NENE 32 WS Location: Co. Churchill State Nev.

NENE Sec. 32 Twp. 17N R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4820 Quad. Castgate 7½'

Sampler 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	1 (gpm/Lpm)
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	—
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	wash	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	white
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 ?

Dm R3 F10 * solar heated

Send Analysis: Cold Springs St. Fallon, Nev. 89406

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11019 Date 7/28 Time 1415

Name Cold Springs WW Location: Co. Churchill State Nev.

SWNE Sec. 20 Twp. 18 N R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5540 Quad. Cold Spgs. 7½'

Sampler D Masterson

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

DESCRIPTION:

WATER TEMP. °C	21 ☆	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	230'
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	submersible electric
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	no
FLUID ISSUES FROM	sink in kitchen	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 gas station
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

☆ water had been standing in tank

Same as W10989

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No._____ Sample No. W11020 Date_____ Time_____

Name BORAX WORKING Location: Co._____ State_____

Sec._____ Twp._____ R._____ ;_____ km/mi_____ of_____

Lat._____ Long._____ Elevation_____ Quad._____

Sampler_____

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

DESCRIPTION:

WATER TEMP. °C _____

GROUND TEMP. °C _____

AIR TEMP. _____

ODOR _____

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION _____

FLUID ISSUES FROM _____

_____

_____

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

DISCHARGE _____ gpm/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) _____

COLOR _____

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

_____

_____

ALTERATION _____

RX TYPE (AT DEPTH) _____

WATER USED FOR _____

IMMEDIATE AREA USED FOR _____

_____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION_____

PROPERTY OWNED BY_____

PREVIOUS AND/OR CURRENT LEASES_____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11021 Date 7/30/77 Time 1530

Name Sec 10 W.W. Location: Co. Lyon State Nevada

NWNW Sec. 10 Twp. 17N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4300 Quad. Churchill Butte (15')

Sampler RBahes

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

DESCRIPTION:

WATER TEMP. °C	18.5°C	DISCHARGE	Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	10"
FLUID COLOR	0	PUMP TYPE	Electric
FLUID TASTE	0	STATIC HEAD	—
BUBBLING	0	SCALING	—
BOILING	0	TYPE OF PIPING	Steel tubes
VEGETATION	0	ARTESIAN HEAD	No
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Irrigation
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 picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11022 Date 7/20/77 Time 1800

Name Sec 11 W.W. Location: Co. Lyon State Nevada

SWSE Sec. 11 Twp. 17 R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4260 Quad. Churchill Butte (15')

Sampler RBatre

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

DESCRIPTION:

WATER TEMP. °C	19°C	DISCHARGE	Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	—
ODOR	0	BORE	4"
FLUID COLOR	0	PUMP TYPE	Diesel
FLUID TASTE	0	STATIC HEAD	—
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	Steel Tube
VEGETATION	0	ARTESIAN HEAD	No
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Diesel Pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES _____

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11023 Date 7/30/77 Time 1600

Name Corral W.S. Location: Co. Lyon State Nevada

SWSW Sec. 33 Twp. 18 N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4400 Quad. Churchill Butte (15')

Sampler RBatra

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

DESCRIPTION:

WATER TEMP. °C 19°C

GROUND TEMP. °C _____

AIR TEMP. _____

ODOR 0

FLUID COLOR 0

FLUID TASTE 0

BUBBLING 0

BOILING 0

VEGETATION grn algae, grass

FLUID ISSUES FROM pediment down a broad wash

DISCHARGE 1-2 gpm/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

ALTERATION 0

RX TYPE (AT DEPTH) _____

WATER USED FOR _____

IMMEDIATE AREA USED FOR _____

SALT:

TYPE 0

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE 0

QUANTITY _____

COLOR _____

FORM _____

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

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

RB R3 F33

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11024 Date 7/30/77 Time 1400

Name Sec 27 W.W. Location: Co. Lyon State Nevada

NWSE Sec. 27 Twp. 18N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4280 Quad. Churchill Butte (15')

Sampler R Batra

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

DESCRIPTION:

WATER TEMP. °C	20°C	DISCHARGE	Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	6"
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	Electric
FLUID TASTE	0	STATIC HEAD	–
BUBBLING	0	SCALING	–
BOILING	0	TYPE OF PIPING	Steel tube
VEGETATION	0	ARTESIAN HEAD	No
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY –

PREVIOUS AND/OR CURRENT LEASES –

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11025 Date 7/30/77 Time 1130

Name Rudolman W.S. Location: Co. Storey State Nevada

NWSE Sec. 29 Twp. 19 N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5560 Quad. Churchill Butte (15')

Sampler R Bates

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

DESCRIPTION:

WATER TEMP. °C	21°C	DISCHARGE	1-2 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	grn grass	ARTESIAN HEAD	
FLUID ISSUES FROM	side of canyon wall	ROCK DATA:	
		TYPE (SURFACE)	Sandstone
		COLOR	Rust
SALT:		GRAIN SIZE	Large
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Nothing
QUANTITY		IMMEDIATE AREA USED FOR	Mining
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY West Coast Oil & Gas Co, Mineral Div

PREVIOUS AND/OR CURRENT LEASES _____

RBR3 F32

SEND ANALSIS

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W110026 Date 7-29-77 Time 1600

Name Rawhide H.S. Location: Co. Mineral State Nev

Sec. _____ Twp. 12S R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4131 Quad. Walker Lake AMS

Sampler J.S.

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

DESCRIPTION:

WATER TEMP. °C	54	DISCHARGE	25 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	hard	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	sal.	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	ranching
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY J.C. Sedey Gabbs Box 45 89409

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11027 Date 7/30 Time 1230

Name NE 15 Warm Spring Location: Co. Lyon State Nev

Sec. 15 Twp. 15N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4400 Quad. Wabuska

Sampler JTS

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

DESCRIPTION:

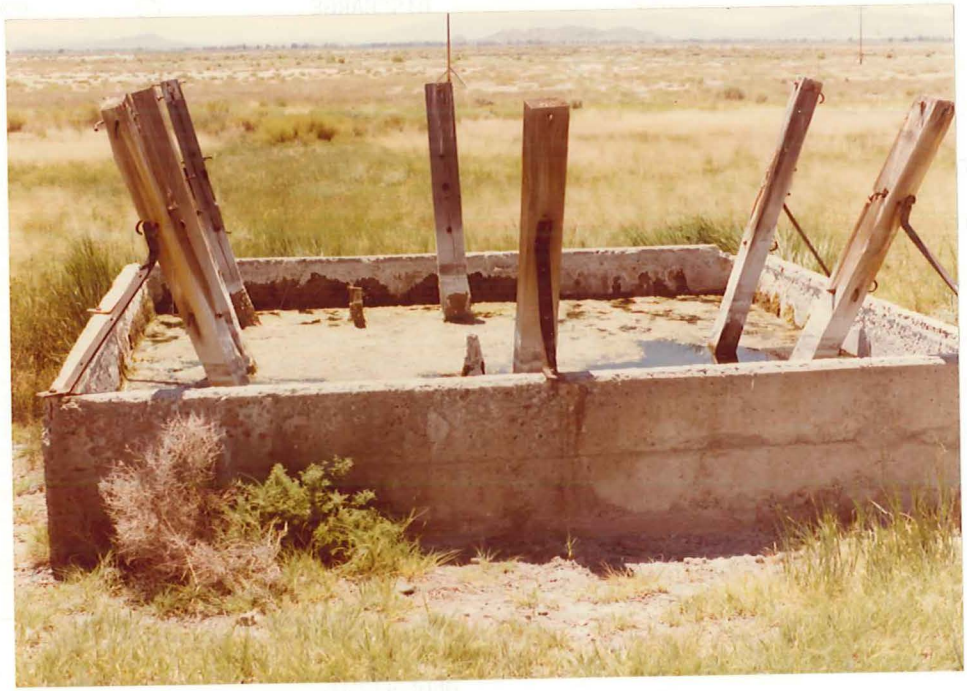
WATER TEMP. °C	22* solar	DISCHARGE	0 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass, algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
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 o.w. seepage

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F10



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11028 Date 7/30 Time 1250

Name SESW 15 Cold Well Location: Co. Lyon State Nev

Sec. 15 Twp. 14N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4350 Quad. Wabuska

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	15	DISCHARGE	1000 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	abuged ; electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	irrigation well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	tan
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	fg → mg
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	irrigation
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Pumpals

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F13

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11029 Date 7/30 Time 1700

Name SENW8 Irrigation well Location: Co. Churchill State Nev

Sec. 8 Twp. 17N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3920 Quad. Fallon

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	20°C	DISCHARGE	1000 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
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 pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11030 Date 7/30 Time 900

Name Silver Springs Cold Well * Location: Co. Lyon State Nev.

Sec. 19 Twp. 17N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4200 Quad. Silver Springs

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	20°C	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	30°C	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	

FLUID ISSUES FROM _____

town drinking water

- poor temperature reading

ROCK DATA:

TYPE (SURFACE)	Qal
COLOR	brn
GRAIN SIZE	mg → fg
MEGASCOPIC MINERALS	

SALT:

TYPE	
QUANTITY	
COLOR	
FORM	

ALTERATION _____

SINTER:

TYPE	
QUANTITY	
COLOR	
FORM	

RX TYPE (AT DEPTH) _____

WATER USED FOR IMMEDIATE AREA USED FOR: drinking

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11031 Date 7/30 Time 1400

Name NESW 21 Warm Artesian Well Location: Co. Lyon State Nev

Sec. 21 Twp. 14N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4300 Quad. Wabuska

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	29	DISCHARGE	50-100 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	?
ODOR	none	BORE	8"
FLUID COLOR	clear	PUMP TYPE	–
FLUID TASTE	sulfur	STATIC HEAD	–
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	steel
VEGETATION	good, algae	ARTESIAN HEAD	yes
FLUID ISSUES FROM	out well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
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 fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS RJ FN

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11032 Date 7/29 Time 1630

Name Shirttail Warm Well Location: Co. Churchill State Nev

Sec. — Twp. 20N R. 32E ; 2.1 mi. .9 mi km/mi East North of R31E & R32E Line T19N & T20N. Line

Lat. — Long. — Elevation 3936 Quad. Foxtail Lake

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	19.5°	DISCHARGE	5 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	35°	DEPTH	—
ODOR	None	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	windmill
FLUID TASTE	Very Salty	STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	Green moss	ARTESIAN HEAD	—
FLUID ISSUES FROM	Pipe inside of corrals N. of windmill	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	—0—
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F19

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11033 Date 7/29 Time 1700

Name West Lee Farm Well Location: Co. Churchill State Nev

Sec. — Twp. 20N R. 32E ; 1.3 mi .15 mi km/mi West of South of Stillwater Wildlife area Boundary of County Road

Lat. — Long. — Elevation 3920 Quad. Table Mtn.

Sampler Burle Williams

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

DESCRIPTION:

WATER TEMP. °C	21°	DISCHARGE	3-5 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	36°	DEPTH	—
ODOR	None	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	Green Algae	ARTESIAN HEAD	—
FLUID ISSUES FROM	Windmill West of Road	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BN-RS-F20

~~Ten~~ send sample analysis to: Ned Ax
Box 116, Schurz, Nevada.

Rock Sample.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11034 Date 7/29/77 Time 1000

Name Lee H.S Location: Co. Churchill State Nev

Sec. _____ Twp. 16N R. 29E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4000 Quad. Allen Springs (15)

Sampler _____

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

DESCRIPTION:

WATER TEMP. °C	97°C	DISCHARGE	5-10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	bluish tint	PUMP TYPE	
FLUID TASTE	Hard	STATIC HEAD	
BUBBLING	yes	SCALING	
BOILING	yes	TYPE OF PIPING	
VEGETATION	grn grass	ARTESIAN HEAD	

FLUID ISSUES FROM sinkhole in valley flow

ROCK DATA:

TYPE (SURFACE)	Qal / Tv
COLOR	light grey
GRAIN SIZE	large
MEGASCOPIC MINERALS	
ALTERATION	Carbonates
RX TYPE (AT DEPTH)	
WATER USED FOR IMMEDIATE AREA USED FOR	Nothing

SALT:

TYPE	Ca / Mg
QUANTITY	Moderate
COLOR	White
FORM	Amorphous

SINTER:

TYPE	$CaCO_3$
QUANTITY	Massive
COLOR	White
FORM	Amorphous

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION E-W fault.

PROPERTY OWNED BY Ned Ax

PREVIOUS AND/OR CURRENT LEASES Several overriding leases

RB R3 F ~~[illegible]~~, 27, 28

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11035 Date 7/29/77 Time 1500

Name Walker River W.S. Location: Co. Mineral State Nevada

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

Lat. _____ Long. _____ Elevation 4000 Quad. Gillis Canyon (15')

Sampler RBaba

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

DESCRIPTION:

WATER TEMP. °C	21°C	DISCHARGE	10-15 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	brn & grn algae, grass	ARTESIAN HEAD	
FLUID ISSUES FROM	sinkhole at base of mountain range	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Range front faulting

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR3F31

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11036 Date 7/29/77 Time 1230

Name Double C.S. Location: Co. Mineral State Nev.

NENW

Sec. 25 Twp. 13N R. 29E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4100 Quad. Gilbis Canyon (15')

Sampler _____

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

DESCRIPTION:

WATER TEMP. °C	16°C	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	bitter/alkaline	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	grn/brn algae, grass	ARTESIAN HEAD	
FLUID ISSUES FROM	sinkhole on valley floor	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	Alkaline	MEGASCOPIC MINERALS	
QUANTITY	Major		
COLOR	White		
FORM	Amorphous	ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Nothing
QUANTITY		IMMEDIATE AREA USED FOR	Nothing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR3F30

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11037 Date 7/29/77 Time 1215

Name Sec 25 CAW Location: Co. Mineral State Nev.

NENW

Sec. 25 Twp. 13 N R. 29 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4100 Quad. Gillis Canyon (15')

Sampler RBabcock

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

DESCRIPTION:

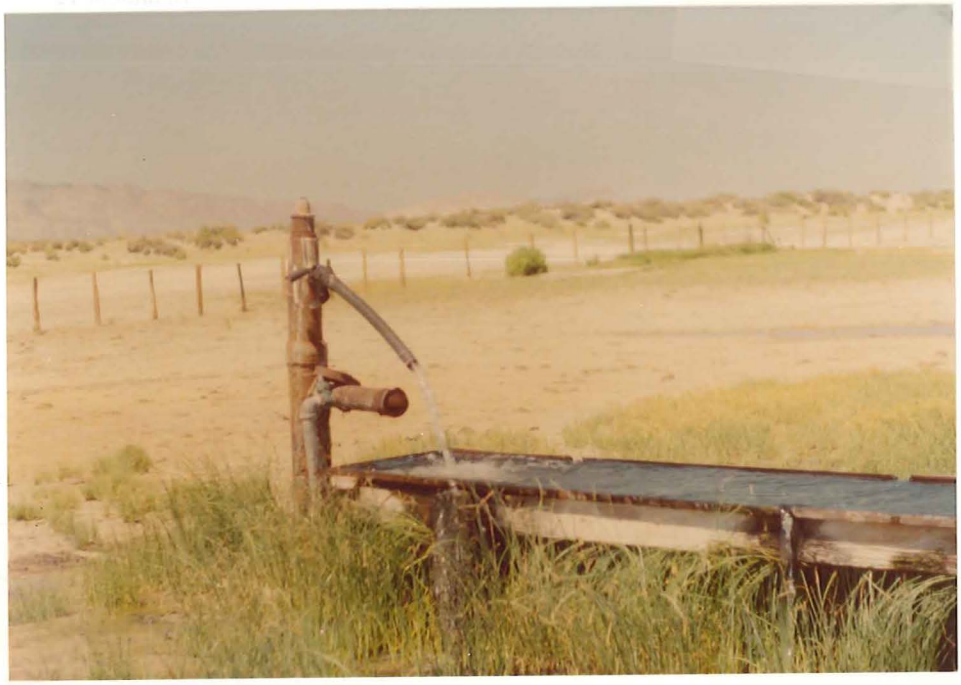
WATER TEMP. °C	14°C	DISCHARGE	100 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	0	BORE	12"
FLUID COLOR	0	PUMP TYPE	–
FLUID TASTE	~~bad~~ bitter/alkaline	STATIC HEAD	–
BUBBLING	0	SCALING	–
BOILING	0	TYPE OF PIPING	Steel tube
VEGETATION	grn grass	ARTESIAN HEAD	yes
FLUID ISSUES FROM	well pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	~~[illegible]~~ Nothing
QUANTITY		IMMEDIATE AREA USED FOR	~~[illegible]~~ Nothing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian Well

PROPERTY OWNED BY –

PREVIOUS AND/OR CURRENT LEASES –

RBR3F29



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11038 Date 7/30 Time 1615

Name SWNE 1 CW Location: Co. Lyon State Nev.

SWNE Sec. 1 Twp. 11N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4550 Quad. Yerington 15'

Sampler 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	10,000 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	electric
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
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	irrigation
QUANTITY		IMMEDIATE AREA USED FOR	farming
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11039 Date 7/30 Time 1200

Name Summit CS Location: Co. Mineral State Nev.

Sec. – Twp. 11N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6320 Quad. Schurz 15'

Sampler 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	10 gpm/lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	
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 natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F14

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11040 Date 7/30 Time 1130

Name Buck Brush WS * Location: Co. Mineral State Nev.

NWNE Sec. 18 Twp. 11N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Schurz 15'

Sampler D. Masterson

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

DESCRIPTION:

WATER TEMP. °C	23	DISCHARGE	25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	—
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe in cement tank	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 natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F13

* water could be mixed with water upslope by pipeline

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11041 Date 7/29 Time 1400

Name 5128 WW Location: Co. Mineral State Nev.

Sec. – Twp. 13N R. 27E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5128 Quad. Schurz 15'

Sampler 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	– gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	windmill
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	
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	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F11


AERMOTOR

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11042 Date 7/30 Time 1015

Name 4015 C's Location: Co. Mineral State Nev.

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

Lat. _____ Long. _____ Elevation 4015 Quad. Schurz 15'

Sampler D. Masterson

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	50 gpm/lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	
FLUID ISSUES FROM	band E of Hwy. 15	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

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F 12

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11043 Date 7/30 Time 1030

Name Desert Cold Well Location: Co. Churchill State Nev

NW, SW Sec. 25 Twp. 21N R. 32E ; — km/mi — of —

Lat. _____ Long. _____ Elevation 3932 Quad. Cox Canyon

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	21° ∅	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	27°	DEPTH	—
ODOR	None	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE		STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Pipe on Windmill beside Corrals	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, (POOR)	

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F22 ∅ Solar Heated

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11044 Date 7/30 Time 930

Name Government Cold Spr. Location: Co. Churchill State Nev.

Sec. — Twp. 20N R. 32E ; _____ km/mi 39° 37' 30" of + 118° 22' 30"

Lat. — Long. — Elevation 3890 Quad. Cox Canyon

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	20° ✱	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	26°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Lt. Yellow	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	~~No~~ No	TYPE OF PIPING	
VEGETATION	Green Moss	ARTESIAN HEAD	
FLUID ISSUES FROM	Pipe East of Small Pond	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, (POOR)	

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

✱ Solar heated

BW-RS-F21

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11045 Date 7/30 Time 1100

Name Silver Hill Warm Well Location: Co. Churchill State Nev

Sec. — Twp. 21N R. 33E ; _____ km/mi .5 mi S 1.6 mi E. of T22N & T21N Line R32E & R33E Line

Lat. _____ Long. _____ Elevation 3960 Quad. Cox Canyon

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	22°	DISCHARGE	2 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	28°	DEPTH	—
ODOR	None	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE	alkali	STATIC HEAD	—
BUBBLING	No	SCALING	No
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	Brown Algae	ARTESIAN HEAD	—
FLUID ISSUES FROM	Windmill	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BV-R5-F23


THE
AERMOTOR
CO.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11046 Date 7/30 Time 1430

Name Sands Cold Spring Location: Co. Churchill State Nev

SW, NW Sec. 5 Twp. 16N R. 32E ; _____ km/mi _____ of –

Lat. – Long. – Elevation 3920 Quad. Fourmile Flat

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	16.5°	DISCHARGE	<1 gpm/Lpm
GROUND TEMP. °C	–	WELL DATA:	
AIR TEMP.	39°	DEPTH	–
ODOR	None	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	–
FLUID TASTE	NaCl	STATIC HEAD	?
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	?
VEGETATION	None	ARTESIAN HEAD	–
FLUID ISSUES FROM	Well? on East	ROCK DATA:	
Side of Road .2 mi N. Highway 50		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	– 0 –
QUANTITY		IMMEDIATE AREA USED FOR	– 0 –
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION Well?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES –

BW-RS-F24

36

60) 220

180

400

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11047 Date 7/30 Time 1500

Name Frenchman Cold Well Location: Co. Churchill State Nev.

SW, NW

Sec. 3 Twp. 16N R. 33E ; _____ km/mi — of —

Lat. — Long. — Elevation 4150 Quad. Frenchman

Sampler Burke Villiers

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

DESCRIPTION:

WATER TEMP. °C	7.5°	DISCHARGE	? gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	39°	DEPTH	—
ODOR	None	BORE	?
FLUID COLOR	clear	PUMP TYPE	Electric
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	—
BOILING	No	TYPE OF PIPING	—
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	well behind Frenchman Bar	ROCK DATA:	
		TYPE (SURFACE)	Opal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR IMMEDIATE AREA USED FOR	Residential Bar & Cafe
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Frenchman Bar

PREVIOUS AND/OR CURRENT LEASES —

BV-RS-F25


GAS
FRENCHMAN
STATION
Coors
BEER

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11048 Date 8/2/77 Time 0900

Name Rabbit C.S. Location: Co. Esmeralda State Nv

NENE Sec. 10 Twp. 3S R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5880 Quad. Goldfield (15')

Sampler RBaker

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

DESCRIPTION:

WATER TEMP. °C	17°	DISCHARGE	Trap* 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	grn grass	ARTESIAN HEAD	
FLUID ISSUES FROM	crack in granitic canyon wall	ROCK DATA:	
		TYPE (SURFACE)	granite
		COLOR	Light grey
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	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 —

RBR3F34

[* Spring Water stored in tank and released by tap.]

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11049 Date 8/2/77 Time 1045

Name Tognoni W.S. Location: Co. Nye State Nevada

SWNE Sec. 28 Twp. 25 R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5960 Quad. Goldfield (15')

Sampler RBB

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

DESCRIPTION:

WATER TEMP. °C 26°C * → (Partially solar heated) DISCHARGE 1-2 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 grn algae ARTESIAN HEAD _____

FLUID ISSUES FROM sinkhole at base of range ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT:

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE P

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____

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

PROBABLE CAUSE OF MANIFESTATION Probable range front faulting

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R3 F35

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11050 Date 8/2/77 Time 1400

Name Alkali A.S. Location: Co. Cornwall State New

SENE Sec. 26 Twp. 1S R. 41E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5020 Quad. Alkali (7½')

Sampler Pabatre

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

DESCRIPTION:

WATER TEMP. °C	50°C	DISCHARGE	20-25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	hard	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	sinkhole on valley floor	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	Alkaline	MEGASCOPIC MINERALS	
QUANTITY	Moderate		
COLOR	White		
FORM	Amorphous	ALTERATION	Silica
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Kettle
QUANTITY		IMMEDIATE AREA USED FOR	Nothing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R3 F37

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11051 Date 8/2/77 Time 1130

Name Willow W.S Location: Co. Nye State Nevada

NWNW Sec. 1 Twp. 3S R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Goldfield (15')

Sampler RBrks

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

DESCRIPTION:

WATER TEMP. °C 22°C (Partially solar heated) DISCHARGE ≈ 1-2 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 grn grass ARTESIAN HEAD _____

FLUID ISSUES FROM alluvium on valley floor ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT:

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____

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

PROBABLE CAUSE OF MANIFESTATION ~~[illegible]~~ Range front faulting

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR3F36

Send Lab Result To Address on back

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11052 Date 8/2 Time 1130

Name 24 Cold Well Location: Co. Nye State Nev.

NE, NE

Sec. 24 Twp. 6N R. 40 E ; _____ km/mi — of —

Lat. — Long. — Elevation 5050 Quad. San Antonio Ranch

Sampler Bruce Williams

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

DESCRIPTION:

WATER TEMP. °C	15°	DISCHARGE	1100 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	36°	DEPTH	—
ODOR	None	BORE	12"
FLUID COLOR	Clear	PUMP TYPE	Electric
FLUID TASTE	None	STATIC HEAD	176'
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Well Sor	ROCK DATA:	
		TYPE (SURFACE)	Coal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	—	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	—	WATER USED FOR	Irrigation
QUANTITY		IMMEDIATE AREA USED FOR	Farming
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Big Smokey Land & Cattle

PREVIOUS AND/OR CURRENT LEASES —

No Picture

Big Smokey Land & Cattle Co

Box 1268

Tonopah, Nev 89049

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11053 Date 8/2 Time 1230

Name Ice Plant Warm Spring Location: Co. Nye State Nev

NW, NE Sec. 17 Twp. 3N R. 43 E ; — km/mi _____ of _____

Lat. — Long. — Elevation 6080 Quad. Tonopah

Sampler Burke Villars

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

DESCRIPTION:

WATER TEMP. °C	28° Solar Heated	DISCHARGE	<1 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	34°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Green Tint	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	None	ARTESIAN HEAD	
FLUID ISSUES FROM	Pipe into water Trough on S. side road	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	-0-
QUANTITY		IMMEDIATE AREA USED FOR	-0-
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F30

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11054 Date 8/1 Time 1530

Name Liberty Cold Spring Location: Co. Nye State Nev

Sec. _____ Twp. 5N R. 42E ; _____ km/mi 2.5 mi. S. T6N&T5N Line 2.4 mi. E. of R41E & R42E Line

Lat. — Long. — Elevation _____ Quad. San Antonio Ranch

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	16.5°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	37°	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	Pipe below Spring at head of Draw	ROCK DATA:	
		TYPE (SURFACE)	Odl
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Water Trough
QUANTITY		IMMEDIATE AREA USED FOR	— 0 —
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Fault Controlled

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R5-F26

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11055 Date 8/2 Time 1330

Name Rest Stop Cold Well Location: Co. Esmeralda State Nev.

SW, SW Sec. 2 Twp. 3N R. 40E ; _____ km/mi — of —

Lat. — Long. — Elevation 4820 Quad. Lone Mtn

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	21° *	DISCHARGE	200 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	35°	DEPTH	160'
ODOR	None	BORE	8"
FLUID COLOR	Clear	PUMP TYPE	Submersible Electric
FLUID TASTE	None	STATIC HEAD	12'
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	?
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Well at Millers Rest Stop	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	Rest area
QUANTITY		IMMEDIATE AREA USED FOR	Rest area
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY State Highway Dept

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F29

* water stored in Holding Tank

Send Lab Results to
Address on Back

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11056 Date 8/2 Time 11:15

Name Big Smokey Cold Well Location: Co. NYE State Nev.

Center SE¼ Sec. 13 Twp. T6N R. 40E ; _____ km/mi — of —

Lat. — Long. — Elevation 5065 Quad. San Antonio Ranch

Sampler Burke Villiers

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

DESCRIPTION:

WATER TEMP. °C	12°	DISCHARGE	2100 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	37°	DEPTH	400'
ODOR	None	BORE	12"
FLUID COLOR	Clear	PUMP TYPE	electric
FLUID TASTE	None	STATIC HEAD	176'
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	steel
VEGETATION	None	ARTESIAN HEAD	None
FLUID ISSUES FROM	Well	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR IMMEDIATE AREA USED FOR	Irrigation Farming
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well & Pump

PROPERTY OWNED BY Big Smokey Land & Cattle

PREVIOUS AND/OR CURRENT LEASES —

BW-RS-F28

Big Smokey Land & Cattle Co.
Box 1268
Tonopah, Nev. 89049

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11057 Date 8/2 Time 930

Name San Antonio Ranch Cold Well Location: Co. Nye State Nev

SE, SW Sec. 17 Twp. 7N R. 42E ; _____ km/mi — of —

Lat. — Long. — Elevation 5400 Quad. San Antonio Ranch

Sampler Bunk Williams

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

DESCRIPTION:

WATER TEMP. °C	15°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.		DEPTH	—
ODOR	None	BORE	10"
FLUID COLOR	Clear	PUMP TYPE	None
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	Water Cress & Green moss	ARTESIAN HEAD	Flowing
FLUID ISSUES FROM	Well Casing at head of Excavated ditch	ROCK DATA:	
		TYPE (SURFACE)	
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY San Antonio Ranch

PREVIOUS AND/OR CURRENT LEASES —

BW-RS-F27

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11058 Date 8/2 Time 1300

Name NF 22 Warm Art well Location: Co. Mineral State Nev

Sec. 22 Twp. 5N R. 35 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4380 Quad. Sodaville

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	23	DISCHARGE	800 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	37	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION	grass	ARTESIAN HEAD	yes
FLUID ISSUES FROM	Art well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	tan
SALT:		GRAIN SIZE	mg → fig
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 Art Well

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

T5 R7 F20

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11059 Date 8/2 Time 1415

Name Pepper Cold Spring Location: Co. Mineral State Nev

Sec. _____ Twp. 5N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6440 Quad. Camp Douglas

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C	11°C	DISCHARGE	2-5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	37	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn-gry
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
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 g.w. seepage

PROPERTY OWNED BY Barry?

PREVIOUS AND/OR CURRENT LEASES ?

JS 87 F29

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11060 Date 8/2 Time 1530

Name Garfield Cold Spring Location: Co. Mineral State Nev

Sec. 35 Twp. 6N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6000 Quad. Mako Mtn

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	16°C	DISCHARGE	2-5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	36	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	carb
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Blm ?

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F23

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W110061 Date 8/2 Time 1330

Name NW 23 Warm Artesian Well Location: Co. Mineral State New

Sec. 23 Twp. 5N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4380 Quad. Sodaville

Sampler TTS

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

DESCRIPTION:

WATER TEMP. °C	23	DISCHARGE	? gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	38	DEPTH	
ODOR	S_2	BORE	16'
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	Sulfur strong	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	steel
VEGETATION	brn algae	ARTESIAN HEAD	yes
FLUID ISSUES FROM	Well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g
TYPE	NaCl	MEGASCOPIC MINERALS	
QUANTITY	min		
COLOR	white		
FORM	amorphous	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 Art Well

PROPERTY OWNED BY Bom

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F21

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11062 Date 8/2 Time 930

Name NWSW 27 Warm Well Location: Co. Mineral State Nev.

Sec. 27 Twp. 7N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Mina

Sampler NT Sewfite

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

DESCRIPTION:

WATER TEMP. °C	26°C	DISCHARGE	700-1000? gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31	DEPTH	
ODOR	none	BORE	6-8"
FLUID COLOR		PUMP TYPE	submersible; electric
FLUID TASTE		STATIC HEAD	—
BUBBLING		SCALING	—
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	—
FLUID ISSUES FROM	pump	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	bn
SALT:		GRAIN SIZE	mg
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 pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F15

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11063 Date 8/2 Time 900

Name Luning Warm Well * Location: Co. Mineral State Nev

Sec. _____ Twp. 8N R. 34E ; 24 km/(mi) East of Hawthorne

Lat. _____ Long. _____ Elevation 4468 Quad. AMS

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C	25*	DISCHARGE	500 (gpm)/Lpm
GROUND TEMP. °C	5 solar heated	WELL DATA:	
AIR TEMP.	30	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Bem

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11064 Date 8/2 Time 1000

Name Mina Warm Well Location: Co. Mineral State Nev

Sec. 8 Twp. 6 N R. 35 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4550 Quad. Mina

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	27 °C	DISCHARGE	– gpm/Lpm
GROUND TEMP. °C	solar heated	WELL DATA:	
AIR TEMP.	21	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	tan
SALT:		GRAIN SIZE	mg - fg
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 pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W110065 Date 8/2 Time 1130

Name SE SE 29 Warm Spring Location: Co. Mineral State Nev

Sec. 29 Twp. 6N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4680 Quad. Sodaville

Sampler JT Sedgeta

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

DESCRIPTION:

WATER TEMP. °C	36	DISCHARGE	3-10 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	37	DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	S_2	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	brn algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn → grey
SALT:		GRAIN SIZE	mg → fg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	none
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 g.w. seepage along fault

PROPERTY OWNED BY Bem

PREVIOUS AND/OR CURRENT LEASES ?

JS R7F17

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11066 Date 8/2 Time 1200

Name NENE 21 CS Location: Co. Mineral State Nev

Sec. 21 Twp. 5N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4366 Quad. Sodaville

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	1 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	37	DEPTH	
ODOR	S_2	BORE	
FLUID COLOR	none	PUMP TYPE	
FLUID TASTE	NaCl	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	ny → f.g.
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 g.w. seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JSR7FIR

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11067 Date 8/2 Time 1100

Name NESW29 Cold Spring Location: Co. Mineral State Nev

Sec. 29 Twp. 6N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4680 Quad. Sodaville

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	1-3 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → fig
QUANTITY			
COLOR			
FORM		ALTERATION	—
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	castle
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F16

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11068 Date 8/1 Time 1600

Name Sweetwater Ranch Cold Well Location: Co. Mineral State Nev.

Sec. 8 Twp. 5N R. 30E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5880 Quad. Powell Mtn

Sampler J.T. Sedgeo

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	1000 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	36	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	above gnd ; electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Sweetwater Ranch

PREVIOUS AND/OR CURRENT LEASES ?

no

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11069 Date 8/1 Time 1530

Name Whiskey Cold Spring Location: Co. Mineral State New

Sec. 20 Twp. 5N R. 30E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5426 Quad. Powell Mtn

Sampler N.T.S.

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

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	1-3 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	33	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → f.g.
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F14

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11070 Date 8/13 Time 1700

Name SW 16 Cold Well Location: Co. Lyon State Nev

Sec. 16 Twp. 9N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4740 Quad. Mt Grant

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	200-500 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	33	DEPTH	
ODOR		BORE	
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
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 pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11071 Date 8/3 Time 1600

Name Pine Grove Cold Spring Location: Co. Lyon State Nev.

Sec. 32 Twp. 9N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6400 Quad. Pine Grove

Sampler JTS

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.	33	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	vg.
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F30

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11072 Date 8/13 Time 1530

Name Twin Springs Cold Spring Location: Co. Lyon State Nev

Sec. _____ Twp. 9N R. 26E ; 9 km/(mi) NW of Flying M Ranch

Lat. _____ Long. _____ Elevation 6750 Quad. Pine Grove Hills

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	5 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	33	DEPTH	
ODOR		BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe & Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	m-g → f-g.
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 g-w. seepage

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

JS R2 F29

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11073 Date 8/3 Time 1430

Name Flying M Ranch Cold Well Location: Co. Lyon State Nev

Sec. 29 Twp. 8N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4930 Quad. Mt Grant

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	1200 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → f.g.
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 pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

A.P.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11074 Date 8/3 Time 1330

Name Mitchell Cold Spring Location: Co. Lyon State Nev

Sec. 25 Twp. 7N R. 27E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5581 Quad. Mt. Grant

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	1-3 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34°C	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	cattle
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

JS R27E27

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11075 Date 8/3 Time 1130

Name SE 25 Cold Spring Location: Co. Mineral State Nev.

Sec. 25 Twp. 5N R. 27E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6125 Quad. Aurora

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	14	DISCHARGE	5 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	32	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	clover grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
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 g. w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7F26

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11076 Date 8/3 Time 1230

Name Ninemile Ranch Cold well Location: Co. Mineral State Nev

Sec. 14 Twp. 6N R. 27E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5950 Quad. Aurora

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	18°C	DISCHARGE	500 ? (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	electric abv. grd
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → f.g
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11077 Date 8/3 Time 930

Name Mud Cold Spring Location: Co. Mineral State Nev

Sec. 22 Twp. 5N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6500 Quad. Aurora

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	14	DISCHARGE	3-5 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	28	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → f.g.
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7F24

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11078 Date 8/3 Time 1500

Name SW 12 Cold Spring Location: Co. Lyon State Nev

Sec. 12 Twp. 8N R. 27E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5560 Quad. Mt Grant

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C 18

GROUND TEMP. °C _____

AIR TEMP. 33

ODOR none

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION _____

FLUID ISSUES FROM pipe

DISCHARGE 1-1.5 (gpm)/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE mg

MEGASCOPIC MINERALS _____

ALTERATION _____

RX TYPE (AT DEPTH) _____

WATER USED FOR cattle

IMMEDIATE AREA USED FOR _____

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

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

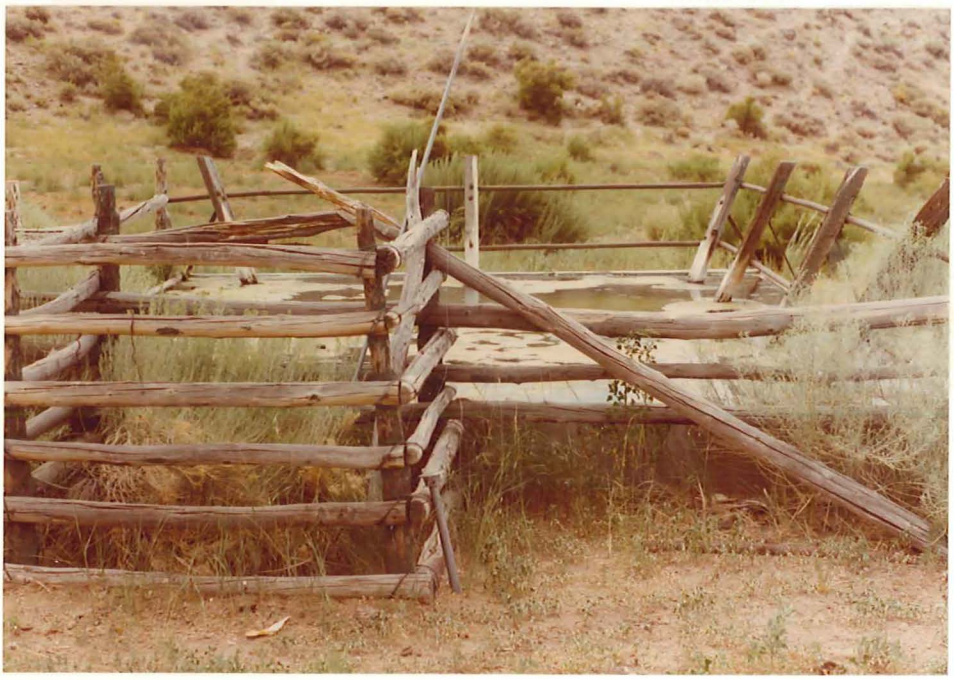
FORM _____

PROBABLE CAUSE OF MANIFESTATION g. w. seepage

PROPERTY OWNED BY Bem

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F28



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11079 Date 8/30 Time 1030

Name SWNE 17 Cold Spring Location: Co. Mineral State Nev

Sec. 17 Twp. 5N R. 27E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7200 Quad. Aurora

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	12°C	DISCHARGE	.5-1 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	30	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	c.g. → m.g.
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F25

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11080 Date 8/4 Time 1230

Name SW 22 Cold Spring Location: Co. Mono State Calif.

Sec. 22 Twp. 4N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8600 Quad. Bridgeport

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	12	DISCHARGE	.5-1 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	25	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → f.g
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 g.w. seepage

PROPERTY OWNED BY Bom

PREVIOUS AND/OR CURRENT LEASES ?

JS R7E35

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11081 Date 8/4/77 Time 1020

Name LAKEVIEW COLD SPRING Location: Co. MONO State Calif

NW NE Sec. 20 Twp. 5 N R. 26 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8000 Quad. BRIDGEPORT, Calif

Sampler JOE SENETTE

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

DESCRIPTION:

WATER TEMP. °C	12°	DISCHARGE	1 - 2 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	NONE	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Vinyl pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brown
SALT:		GRAIN SIZE	med - coarse
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

J.S. R-7 F 32

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11082 Date 8/4 Time 1045

Name McMillan Cold Spring Location: Co. Mono State Calif

Sec. 29 Twp. 5N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8300 Quad. Bridgeport

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	>°C	DISCHARGE	1 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	29	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g.
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 g.w. see page

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JSR7F33

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W110883 Date 8/4 Time 930

Name NW 23 Cold Spring Location: Co. Mono State Calif.

Sec. 23 Twp. 5N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Bridgeport, Calif.

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	13°C	DISCHARGE	1-1.5 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	28	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g.
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F31

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11084 Date 8/4 Time 1300

Name Bridgeport Cold Well Location: Co. Mono State Calif

Sec. 33 Twp. 4N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Bridgeport

Sampler JTS

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.	24	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → f.g.
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11085 Date 8/4 Time 1530

Name Lava Cold Springs Location: Co. Mono State Calif

Sec. 36 Twp. 6N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8400 Quad. Fales HS

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	9	DISCHARGE	40-60 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	25	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal + Volc	ROCK DATA:	
boulder		TYPE (SURFACE)	Qal + Volc boulder
		COLOR	brn → blk
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → cg
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 g-w seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11086 Date 8/4 Time 1630

Name SW 34 Cold Spring Location: Co. Mono State Calif

Sec. 34 Twp. 5N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7400 Quad. Falco HS

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	15	DISCHARGE	.25 (gpm/Lpm)
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	24	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F4

L

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11087 Date 8/4 Time 1700

Name NE 20 Cold Spring Location: Co. Mono State Calif.

Sec. 20 Twp. 5N R. 22E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7150 Quad. Falco HLS

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C 13

GROUND TEMP. °C _____

AIR TEMP. 25

ODOR none

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION grass

FLUID ISSUES FROM Qal

DISCHARGE 100-200 gpm/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR grey

GRAIN SIZE _____

MEGASCOPIC MINERALS f.g.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

RX TYPE (AT DEPTH) _____

WATER USED FOR cattle

IMMEDIATE AREA USED FOR _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g. w. See page

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8F5

2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11088 Date 8/4 Time 1500

Name NE 31 Cold Spring Location: Co. Mono State Calif

Sec. 31 Twp. 6N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8800 Quad. Falco HS

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	12	DISCHARGE	1 - 5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	25	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → cg
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 g.w. seep

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8F3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11089 Date 8/4 Time 1600

Name Mary Creek Cold Well Location: Co. Mono State Calif

Sec. 9 Twp. 5N R. 22E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8000 Quad. Falco H.S.

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	16	DISCHARGE	100-300 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	24	DEPTH	
ODOR		BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
(Spring)		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drink
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Bem

PREVIOUS AND/OR CURRENT LEASES ?

MP

Sampled

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11090 Date 8/4 Time 1500

Name Fales Hot Spring Location: Co. Mono State Nev

Sec. 24 Twp. 5N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7330 Quad. Fales H.S.

Sampler PTS

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

DESCRIPTION:

WATER TEMP. °C	60	DISCHARGE	50-75 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	29	DEPTH	
ODOR	none	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	iron	STATIC HEAD	
BUBBLING	yes	SCALING	
BOILING	no	TYPE OF PIPING	
VEGETATION	no	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal + Travertine	ROCK DATA:	
		TYPE (SURFACE)	Qal + CaCO3
		COLOR	tan
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	Travertine *	WATER USED FOR IMMEDIATE AREA	none
QUANTITY	major	USED FOR	
COLOR	white		
FORM	amorphous	QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Fault

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

* major deposits north of road

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11091 Date 8/4 Time 12:05

Name NWNE 26 Cold Spring Location: Co. Mono State Calif.

Sec. 26 Twp. 4N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8800 Quad. Bridgeport

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	11	DISCHARGE	1-3 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	30	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	grey
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → fg
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F34

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11092 Date 8/5 Time 1530

Name Company Meadows CS Location: Co. Mono State Nev

Sec. 1 Twp. 8N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8000 Quad. Topaz Lake

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C	9°C	DISCHARGE	~25-1 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	29	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → cg
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 g.w. seep

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS RE F12

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11093 Date 8/5 Time 1500

Name Big Cold Spring Location: Co. Mono State Calif

Sec. 30 Twp. 9N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7800 Quad. Topaz Lake

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	10°C	DISCHARGE	20 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	29	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → cg
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 g.w. seep

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8F11

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11094 Date 8/5 Time 1520

Name NE 18 Cold Well Location: Co. Douglas State Nev

Sec. 18 Twp. 10N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5600 Quad. Topaz Lake

Sampler JTS

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.	31	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → fg.
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11095 Date 8/5 Time 1130

Name NE9 CS Location: Co. Lyon State Nev

Sec. 9 Twp. 8N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6800 Quad. Pine Grove Hills

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C 10

GROUND TEMP. °C _____

AIR TEMP. 26

ODOR none

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION grass

FLUID ISSUES FROM Qal

DISCHARGE 30 gpm/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE _____

MEGASCOPIC MINERALS mg

ALTERATION _____

RX TYPE (AT DEPTH) _____

WATER USED FOR cattle

IMMEDIATE AREA USED FOR _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

PROBABLE CAUSE OF MANIFESTATION g.w. seep.

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F9

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11096 Date 8/5 Time 1200

Name Wiley Ranch C.S. Location: Co. Lyon State Nev

Sec. 5 Twp. 8N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6400 Quad. Pine Grove Nell

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	15	DISCHARGE	30-50 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	23	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → cg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	calib
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8 FID

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11097 Date 8/5 Time 1030

Name Rye Grass C.S. Location: Co. Lyon State Nev

Sec. 34 Twp. 7N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7100 Quad. Pine Grove Hills

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C 15

GROUND TEMP. °C _____

AIR TEMP. 25

ODOR none

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION grass

FLUID ISSUES FROM pipe

DISCHARGE .25 - .5 gpm/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE _____

MEGASCOPIC MINERALS mg

ALTERATION _____

RX TYPE (AT DEPTH) _____

WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUALITY OF SAMPLE: EXC., GOOD, POOR

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

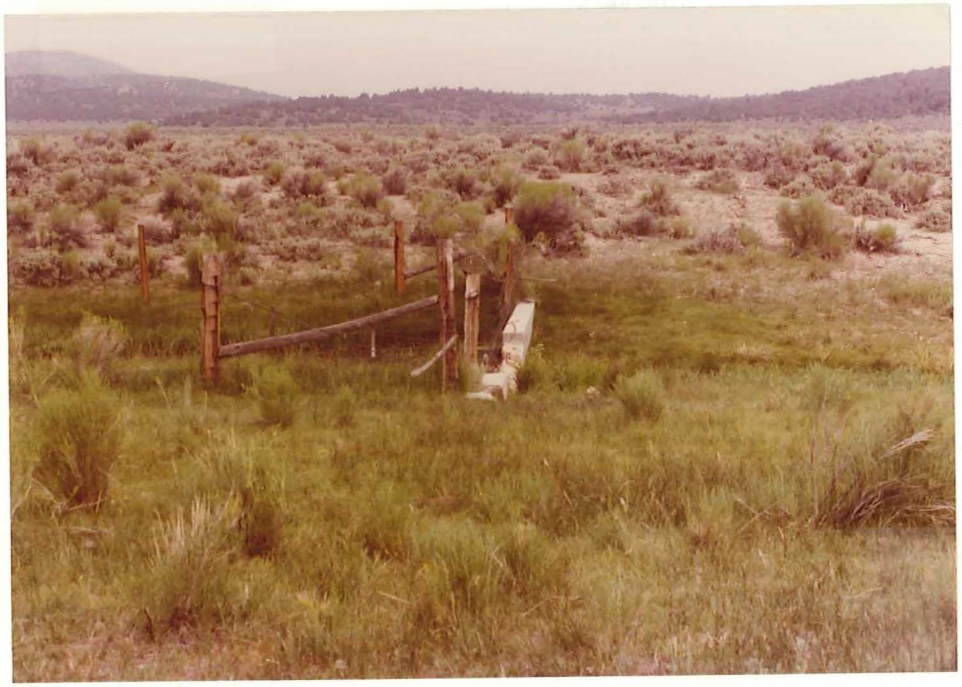
FORM _____

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8 F7



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11098 Date 8/5 Time 1430

Name Sec 27 Cold Well Location: Co. Mono State Calif

Sec. 27 Twp. 9N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5200 Quad. Topaz Lake

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	200 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	30	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g.
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11099 Date 8/5 Time 1100

Name Gulch Cold Spring Location: Co. Lyon State Nev

Sec. 13 Twp. 8N R. 24E ; 3 km/mi NW of Sweetwater Summit

Lat. _____ Long. _____ Elevation 6700 Quad. Pine Grove Hills

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	.25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	25	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	pcg → f.g.
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 g.w. seep

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS RBFR

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11100 Date 8/5 Time 1500

Name NW 16 CW Location: Co. Douglas State Nev

Sec. 16 Twp. 9N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5460 Quad. Topaz Lake

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	200 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	30	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g.
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	drinking
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY private

PREVIOUS AND/OR CURRENT LEASES ?

2p

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11101 Date 8/5 Time 940

Name Long Doctor Cold Spring Location: Co. Lyon State Nev

Sec. 4 Twp. 7N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6600 Quad. Bridgeport

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	15	DISCHARGE	1-2 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	25	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	carlo
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g. w. seep

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS RB FG

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W1102 Date 8/6 Time 1600

Name Marotta Cold Well Location: Co. Esmer State Nev

Sec. _____ Twp. 5N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4941 Quad. Teels Marsh

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	100 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31	DEPTH	—
ODOR	none	BORE	6"
FLUID COLOR		PUMP TYPE	hand
FLUID TASTE		STATIC HEAD	—
BUBBLING		SCALING	—
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → fg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	domestic
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11103 Date 8/6 Time 1530

Name Company Warm Spr Location: Co. Esmer. State Nev

Sec. 31 Twp. 4N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5160 Quad. Teels Marsh

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	23°C	DISCHARGE	5-10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg → fg
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8F17

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11104 Date 8/6 Time 1500

Name West Co. Cold Spring Location: Co. Esmer State Nev

Sec. _____ Twp. 3N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5220 Quad. Teels Marsh

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	3-10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	~~3-10~~ Qal + trav
		COLOR	brn
SALT:		GRAIN SIZE	mg → f.g.
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	Trav.	WATER USED FOR	cattle
QUANTITY	Minor	IMMEDIATE AREA USED FOR	
COLOR	white		
FORM	amorph.	QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS 28 Feb

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11105 Date 8/6 Time 1230

Name Columbus Cold Well Location: Co. Esmeralda State Nev

Sec. 18 Twp. 3N R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4580 Quad. Columbus

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	0 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	29	DEPTH	≈ 50'
ODOR	none	BORE	3.5 ft
FLUID COLOR		PUMP TYPE	none
FLUID TASTE		STATIC HEAD	—
BUBBLING		SCALING	—
BOILING		TYPE OF PIPING	none
VEGETATION		ARTESIAN HEAD	—
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	n.g.
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	none
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R8F3

Sampled

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11106 Date 8/5 Time 1400

Name Rock House Warm Spr Location: Co. Esmeralda State Nev

Sec. _____ Twp. 3 N R. 32 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5400 Quad. Teels Marsh

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	21	DISCHARGE	.25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	29	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal + Trav
		COLOR	brn-white
SALT:		GRAIN SIZE	mg → fg.
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	travertine	WATER USED FOR IMMEDIATE AREA	none
QUANTITY	major	USED FOR	
COLOR	white		
FORM	amorphous	QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8 F15

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11107 Date 8/60 Time 1300

Name German Warm Spr * Location: Co Esmeralda State Nev

Sec. 4 Twp. 3 N R. 33 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5376 Quad. Teels Marsh

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	21°C * solar heated	DISCHARGE	.25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → fg
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 g.w seepage

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R8F14

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11108 Date 8/6/77 Time 1045

Name Crow W.S. (EAST) Location: Co. Esmeralda State Nev

Sec. — Twp. 4N R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5220 Quad. Crow Springs (7½')

Sampler RBalto

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

DESCRIPTION:

WATER TEMP. °C	23°C	DISCHARGE	4-5 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	Sm grass/algae	ARTESIAN HEAD	
FLUID ISSUES FROM	gravel bed	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Suggested fault topography

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBRAF9

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11109 Date 8/5/77 Time 1530

Name McLeans W.S Location: Co. Esmeralda State Nev

Sec. – Twp. 2N R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4730 Quad. Devils Gate (7½')

Sampler RBatre

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

DESCRIPTION:

WATER TEMP. °C	28°C	DISCHARGE	<1 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	31°C	DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	salty	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	grn grass	ARTESIAN HEAD	
FLUID ISSUES FROM	sinkhole on valley floor	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION Natural hydrolic flow

PROPERTY OWNED BY –

PREVIOUS AND/OR CURRENT LEASES –

RBR4F7

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11110 Date 8/5/77 Time 1000

Name Columbus W.W. Location: Co. Esmeralda State Nev.

NENE Sec. 17 Twp. 3N R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4570 Quad. Goldfield (7½')

Sampler RBalce

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

DESCRIPTION:

WATER TEMP. °C	21°C	DISCHARGE	Electric Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	16"
FLUID COLOR	0	PUMP TYPE	Electric
FLUID TASTE	very salty	STATIC HEAD	-
BUBBLING	0	SCALING	-
BOILING	0	TYPE OF PIPING	Steel tube
VEGETATION	0	ARTESIAN HEAD	NO
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Mining operations
QUANTITY		IMMEDIATE AREA USED FOR	Mining
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

RBR4F6

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11111 Date 8/6/77 Time 1030

Name Cross C.S. Location: Co. Esmeralda State Nev.

Sec. — Twp. 4N R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5220 Quad. Grant Springs (7½')

Sampler RBaba.

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

DESCRIPTION:

WATER TEMP. °C	17°C	DISCHARGE	<1 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	gn grass / bm algae	ARTESIAN HEAD	
FLUID ISSUES FROM	sinkhole in gravel bed	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Probable fault suggested by topography

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

RBR4F8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11112 Date 8/3/75 Time 1230

Name Coyote W.S. Location: Co. Esmeralda State Nev.

NESW

Sec. 15 Twp. 2S R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6120 Quad. Silverpeak (15')

Sampler RBalto

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

DESCRIPTION:

WATER TEMP. °C	24°C	DISCHARGE	3-4 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	grn grass/algae	ARTESIAN HEAD	

FLUID ISSUES FROM crack in chuty limestone

ROCK DATA:

TYPE (SURFACE)	Limestone
COLOR	light grey
GRAIN SIZE	large
MEGASCOPIC MINERALS	

SALT:

TYPE	0
QUANTITY	
COLOR	
FORM	

ALTERATION	0
RX TYPE (AT DEPTH)	

SINTER:

TYPE	0
QUANTITY	
COLOR	
FORM	

WATER USED FOR	
IMMEDIATE AREA USED FOR	

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES —

RBR4F2 (Photo not printed)

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11113 Date 8/3/87 Time 1600

Name Cave C.S. Location: Co. Esmeralda State Nev.

Sec. — Twp. 2S R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Rhyolite Ridge (15')

Sampler RBatra — D. Nastrom

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

DESCRIPTION:

WATER TEMP. °C	17°C	DISCHARGE	8-10 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	gen grass/algae	ARTESIAN HEAD	
FLUID ISSUES FROM		ROCK DATA:	
		TYPE (SURFACE)	Limestone
		COLOR	White
SALT:		GRAIN SIZE	Small
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION ~~Natural [illegible]~~ Fault in Limestone Cave

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

RBR4F5

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11144 Date 8/6 Time 1200

Name 4622 Warm Well Location: Co. Esmeralda State Nev

Sec. — Twp. 6S R. 43E ; _____ km/mi .8 mi. S .9 mi. W. of T5S & T6S Line Esmeralda & Nye County Line

Lat. — Long. — Elevation 4622 Quad. Stonewall Pass

Sampler Burke Willing

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

DESCRIPTION:

WATER TEMP. °C	19°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	30°	DEPTH	—
ODOR	None	BORE	8"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Windmill Well	ROCK DATA:	
		TYPE (SURFACE)	Soil
		COLOR	
SALT:		GRAIN SIZE	
TYPE	None	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	Stock Pond
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pipe

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F14


ROTOR

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11115 Date 8/6 Time 1130

Name Lida Cold Spr. Location: Co. Esmeralda State Nev

SW,SW Sec. 36 Twp. 5S R. 40E ; _____ km/mi — of —

Lat. — Long. — Elevation 6060 Quad. Lida

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	16.5°	DISCHARGE	4 l gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	29°	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	Seep on Hillside	ROCK DATA:	
Flows into Pond		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Pond
QUANTITY		IMMEDIATE AREA USED FOR	Residential
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F13

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11116 Date 8/6 Time 1730

Name Cedar WS Location: Co. Esmeralda State Nev.

Sec. _____ Twp. 5S R. 41E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6202 Quad. Montezuma Peak SW 7½'

Sampler Dallam Masterson

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

DESCRIPTION:

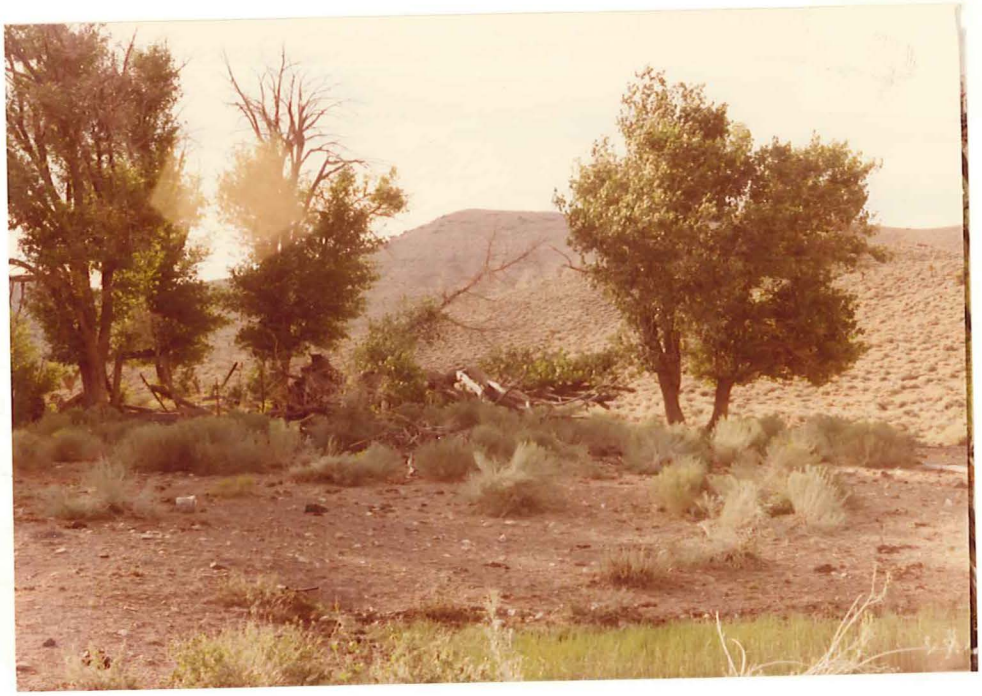
WATER TEMP. °C	19	DISCHARGE	1 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	no	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	no	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 BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F18



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11117 Date 8/6 Time 1200

Name Stinking WS Location: Co. Nye State Nev.

SENE Sec. 31 Twp. 1N R. 49E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6520 Quad. Stinking Spring 15'

Sampler Dallin Masterson

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	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	green algae, grass	ARTESIAN HEAD	
FLUID ISSUES FROM		ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	white
SALT:		GRAIN SIZE	
TYPE	no	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	no	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 BLM?

PREVIOUS AND/OR CURRENT LEASES ?

PM R3 F17

Send Lab Results
to address on Back

✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11118 Date 8/6 Time 1445

Name Bonnie Claire W. Well Location: Co. Nye State Nev

Sec. — Twp. 85 R. 43E ; _____ km/mi _____ of _____

Lat. — Long. — Elevation 3975 Quad. Bonnie Claire

Sampler Burke Williams

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.	37°	DEPTH	Dry
ODOR	None	BORE	—
FLUID COLOR	Clear	PUMP TYPE	Electric
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	—
BOILING	No	TYPE OF PIPING	—
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Hard dug well	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Residential
QUANTITY		IMMEDIATE AREA USED FOR	"
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., (GOOD), POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Robert Terrell

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F15

Robert Terrell
P.O. 795
Goldfield, Nev 89013

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11119 Date 8/3/77 Time 1530

Name Rhyolite Ridge C.S Location: Co. Esmeralda State Nev.

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

Lat. _____ Long. _____ Elevation 6660 Quad. Rhyolite Ridge (15')

Sampler RBates — D. Newton

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

DESCRIPTION:

WATER TEMP. °C	15°C	DISCHARGE	8-11 gpm/Lpm
GROUND TEMP. °C	~~0~~	WELL DATA:	
AIR TEMP.	~~7~~	DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	0	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	Corn grass	ARTESIAN HEAD	
FLUID ISSUES FROM	side of rhyolite canyon wall	ROCK DATA:	
		TYPE (SURFACE)	Rhyolite
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	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 _____

RBRAF4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11120 Date 8/3 Time 1030

Name S Windmill Cold Well Location: Co. Nye State NV

NW, NW Sec. 5 Twp. 4N R. 44E ; _____ km/mi — of —

Lat. — Long. — Elevation 5760 Quad. Tonopah

Sampler Burke Williams

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.	28°	DEPTH	—
ODOR	None	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	Black algae
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	Green algae	ARTESIAN HEAD	—
FLUID ISSUES FROM	Pipe on Windmill	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 USED FOR	Stock Pond Residential
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Windmill Pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES —

BW-RS-F32

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11121 Date 8/3 Time 930

Name Pumping Station Cold Well Location: Co. Nye State Nev

NE, NE Sec. 19 Twp. 4N R. 44E ; _____ km/mi — of —

Lat. — Long. — Elevation 5640 Quad. Tonopah

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	24° ✱	DISCHARGE	? gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	25°	DEPTH	
ODOR	Odor	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 Holding Tank For wells in Valley No. of Tank. Water a combination of 4-5 wells

ROCK DATA:

TYPE (SURFACE)	Oal
COLOR	
GRAIN SIZE	
MEGASCOPIC MINERALS	
ALTERATION	
RX TYPE (AT DEPTH)	

SALT:

TYPE	None
QUANTITY	
COLOR	
FORM	

SINTER:

TYPE	None
QUANTITY	
COLOR	
FORM	

WATER USED FOR IMMEDIATE AREA USED FOR: Tonopah City / Pumping Station

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pumps

PROPERTY OWNED BY City of Tonopah

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F31

✱ water has been sitting in holding tank

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11122 Date 8/3/77 Time 1500

Name North C.S. Location: Co. Esmeralda State Nev.

SWSW Sec. 29 Twp. 1S R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7360 Quad. Rhyolite Ridge (15')

Sampler D. Mattson

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

DESCRIPTION:

WATER TEMP. °C	15°C	DISCHARGE	1-2 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	grn grass	ARTESIAN HEAD	
FLUID ISSUES FROM	crack in rhyolite ridge or canyon wall	ROCK DATA:	
		TYPE (SURFACE)	Rhyolite
		COLOR	Pink
SALT:		GRAIN SIZE	Large
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	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 _____

RBR4 F3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11123 Date 8/3 Time 1100

Name Tailings Pond WW Location: Co. Esmeralda State Nev.

Sec. _____ Twp. 2S R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4270 Quad. Silverpeak 15'

Sampler RB-DM

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

DESCRIPTION:

WATER TEMP. °C	22	DISCHARGE	5000 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	electric
FLUID TASTE	salty	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	white
SALT:		GRAIN SIZE	
TYPE	NaCl	MEGASCOPIC MINERALS	—
QUANTITY	minor		
COLOR	white		
FORM	amorphous	ALTERATION	—
SINTER:		RX TYPE (AT DEPTH)	—
TYPE	—	WATER USED FOR IMMEDIATE AREA USED FOR	tailings pond mining
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

RB R4 F1 (Not printed)

Send Lab Results to Address on Back

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11124 Date 8/5 Time 1630

Name Five Mile Warm Spr Location: Co. Nye State Nev

Sec. — Twp. 3N R. 48E ; _____ km/mi _____ of _____

Lat. — Long. — Elevation 5200 Quad. Tonopah A.M.S.

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	19.5°	DISCHARGE	10-15 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	29°	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	Pipe behind Trailer House from Spring	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Residential
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Groundwater Seepage

PROPERTY OWNED BY Five Mile Ranch

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F11

Fern Ekstrom
Five Mile Ranch
89049

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11125 Date 8/5 Time 1730

Name N Willow Creek CW Location: Co. Nye State Nev.

Sec. – Twp. 3N R. 48E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5490 Quad. Tonopah AMS

Sampler Dallam Masterson

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

DESCRIPTION:

WATER TEMP. °C	13.5	DISCHARGE	– gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	–	BORE	6"
FLUID COLOR	–	PUMP TYPE	gas
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	no
FLUID ISSUES FROM	hole in	ROCK DATA:	
casing		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	no	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	no	WATER USED FOR	–
QUANTITY		IMMEDIATE AREA USED FOR	–
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

BW R6 F12

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11126 Date 8/5 Time 930

Name Prospects Warm Spr. Location: Co. Nye State Nev

Sec. — Twp. 6N R. 47E ; km/mi .5 mi. W. 1.2 mi. N of R47E & R48E Line T6N & T5N Line

Lat. — Long. — Elevation 6180 Quad. Georges Canyon Rim

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	25°	DISCHARGE	5-10 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	29°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Clear	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Grasses	ARTESIAN HEAD	
FLUID ISSUES FROM	Spring in alluvium on East side of Road	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	—0—
QUANTITY		IMMEDIATE AREA USED FOR	—0—
COLOR			
FORM		QUALITY OF SAMPLE: EXC. (GOOD) POOR	

PROBABLE CAUSE OF MANIFESTATION Natural groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F7

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11127 Date 8/5 Time 1530

Name Fallini Cold Well Location: Co. Nye State Nev.

SW, NW Sec. 19 Twp. 5N R. 51E ; _____ km/mi — of —

Lat. — Long. — Elevation 5800 Quad. Tybo

Sampler Bonle Willsing

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

DESCRIPTION:

WATER TEMP. °C	13°	DISCHARGE	3-5 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	28°	DEPTH	—
ODOR	None	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	Windmill
FLUID TASTE	None	STATIC HEAD	—
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Steel
VEGETATION	None	ARTESIAN HEAD	—
FLUID ISSUES FROM	Pipe from Windmill	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F10

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11128 Date 8/5 Time 915

Name Point of Rock WS Location: Co. Nye State Nev.

Sec. — Twp. 5N R. 47E ; 18 km/mi N of U.S. 6

Lat. _____ Long. _____ Elevation 6035 Quad. Georges Canyon Rim 7½'

Sampler Dallam Masterson

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.	28	DEPTH	
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	

FLUID ISSUES FROM pipe in wash next to road

ROCK DATA:

TYPE (SURFACE)	Qal
COLOR	
GRAIN SIZE	
MEGASCOPIC MINERALS	
ALTERATION	
RX TYPE (AT DEPTH)	
WATER USED FOR IMMEDIATE AREA USED FOR	cattle grazing

SALT:

TYPE	
QUANTITY	
COLOR	
FORM	

SINTER:

TYPE	
QUANTITY	
COLOR	
FORM	

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

BW R6 F6

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11129 Date 8/3 Time 1300

Name Spanish Cold Spring Location: Co. Nye State Nev

SW, SW Sec. 14 Twp. 7 N R. 44E ; _____ km/mi — of —

Lat. — Long. — Elevation 6580 Quad. Baxter Spring

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	24° solar Heated	DISCHARGE	21 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	35°	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 & Moss	ARTESIAN HEAD	
FLUID ISSUES FROM	Seeps into Small Cement Pool on N. Side Road	ROCK DATA:	
		TYPE (SURFACE)	Gal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	-0-
QUANTITY		IMMEDIATE AREA USED FOR	-0-
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION Groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F34

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11130 Date 8/3 Time 1700

Name Saulsbury Warm Spr. Location: Co. Nye State Nev

Sec. — Twp. 5N R. 46E ; _____ km/mi _____ of _____

Lat. — Long. — Elevation 6520 Quad. Saulsbury Basin

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	33°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	29°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Clear	PUMP TYPE	
FLUID TASTE	Hard	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	Spring in alluvium on SE side of Road	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	—0—
QUANTITY		IMMEDIATE AREA USED FOR	—0—
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.) GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Possible Intersection of N-S & NW-SE Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F35

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11131 Date 8/3 Time 1200

Name Baxter Warm Spr. Location: Co. Nye State Nev.

SW, NW

Sec. 25 Twp. 7N R. 43E ; _____ km/mi — of —

Lat. — Long. — Elevation 6800 Quad. Baxter Spring

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	25°	DISCHARGE	5-10 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	Pipe beside Water Tank on pediment S.E. of mountain range	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Stock Pond
QUANTITY		IMMEDIATE AREA USED FOR	Grazing
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-RS-F33

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11132 Date 8/4 Time 1245

Name Antelope Warm Spring Location: Co. Nye State Nev

Sec. — Twp. 5N R. 45E ; _____ km/mi 2.2 mi E R44E & R45E Line 3.8 mi S. of T6N & T5N Line

Lat. — Long. — Elevation 6480 Quad. Antelope Spring

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	19°	DISCHARGE	1-2 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	35°	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 Spring in alluvium, next to corrals

ROCK DATA:

TYPE (SURFACE) Dal

COLOR

GRAIN SIZE

MEGASCOPIC MINERALS

ALTERATION

SALT:

TYPE None

QUANTITY

COLOR

FORM

SINTER:

TYPE None

QUANTITY

COLOR

FORM

RX TYPE (AT DEPTH)

WATER USED FOR Cattle

IMMEDIATE AREA USED FOR Grazing

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

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11133 Date 8/4 Time 1045

Name Spanish Pipeline CW Location: Co. Nye State Nev.

NESW Sec. 36 Twp. 7N R. 44E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6175 Quad. Big 10 Peak W 7½'

Sampler 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	–	BORE	
FLUID COLOR	–	PUMP TYPE	gas
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe at top of tank	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 pump

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

BW R6 F1

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11134 Date 8/4 Time 1630

Name Hunts Ranch Warm Spr Location: Co. Nye State Nev

NW, SE Sec. 31 Twp. 8N R. 46E ; _____ km/mi — of —

Lat. — Long. — Elevation 6800 Quad. Big Ten Peak East

Sampler Bruce Williams

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

DESCRIPTION:

WATER TEMP. °C	19	DISCHARGE	<1 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	26°	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	Spring on South side of Road, out of Rock outcrop	ROCK DATA:	
		TYPE (SURFACE)	Lithic Conglomerate
		COLOR	white-grey
SALT:		GRAIN SIZE	Medium
TYPE	None	MEGASCOPIC MINERALS	Rock Fragments
QUANTITY			Quartz
COLOR			amphibole
FORM		ALTERATION	—
SINTER:		RX TYPE (AT DEPTH)	—
TYPE	None	WATER USED FOR	Pond
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, (POOR)	

PROBABLE CAUSE OF MANIFESTATION Possible E-W Fault

PROPERTY OWNED BY Hunts Ranch

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11135 Date 8/5 Time 900

Name Sidehill Warm Spring Location: Co. Nye State Nev.

Sec. — Twp. 5N R. 47E ; _____ km/mi 1.8 mi. W. 4.5 mi. S. of R47E & R48E Line T5N & T6N Line

Lat. — Long. — Elevation 6130 Quad. Georges Canyon Rim

Sampler Burke Willing

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

DESCRIPTION:

WATER TEMP. °C	20°	DISCHARGE	30-40 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	28°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Clear	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Grasses & water Cress	ARTESIAN HEAD	

FLUID ISSUES FROM Base of Rock Cliffs above Pediment

ROCK DATA:

TYPE (SURFACE)	Rhyolite
COLOR	Pink
GRAIN SIZE	Fine
MEGASCOPIC MINERALS	Quartz, Na-Plagioclase
ALTERATION	minor
RX TYPE (AT DEPTH)	—
WATER USED FOR	—0—
IMMEDIATE AREA USED FOR	—0—

SALT:

TYPE	No
QUANTITY	
COLOR	
FORM	

SINTER:

TYPE	No
QUANTITY	
COLOR	
FORM	

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

PROBABLE CAUSE OF MANIFESTATION Groundwater through Joint & Fracture system

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R6-F5

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11136 Date 8/4 Time 1345

Name Big 10 CW Location: Co. Nye State Nev.

Sec. – Twp. 7N R. 45E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6244 Quad. Big 10 CW

Sampler D. Masterson

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

DESCRIPTION:

WATER TEMP. °C	14.5	DISCHARGE	– gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	gas
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	–	ARTESIAN HEAD	
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 pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW R6 F3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11137 Date 8/5 Time 1415

Name Keystone C'W Location: Co. Nye State Nev

SWNW Sec. 11 Twp. 6N R. 50E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5553 Quad. Tybo 15'

Sampler Dallan Masterson

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	
FLUID COLOR	—	PUMP TYPE	gas
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	no
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	no	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	no	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 BLM?

PREVIOUS AND/OR CURRENT LEASES ?

BW R6 F9

√

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11138 Date 8/5 Time 1330

Name Keystone Cold Spring Location: Co. Nye State Nev

NE NW Sec. 30 Twp. 7N R. 50E ; _____ km/mi _____ of _____

Lat. — Long. — Elevation 6400 Quad. Tybo

Sampler Burke Willis

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	20 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	30°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	clear	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Grasses	ARTESIAN HEAD	
FLUID ISSUES FROM	Pipe at Spring on N. Side Road	ROCK DATA:	
		TYPE (SURFACE)	Quartzite
		COLOR	White
SALT:		GRAIN SIZE	Fine
TYPE	No	MEGASCOPIC MINERALS	—
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Livestock
QUANTITY		IMMEDIATE AREA USED FOR	— 0 —
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11139 Date 8/7 Time 1145

Name Sand Cold Spring Location: Co. Esmer State Nev

Sec. 34 Twp. 1N R. 34E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5640 Quad. Davis Mtn

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C 18

GROUND TEMP. °C _____

AIR TEMP. 31

ODOR none

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION grass

FLUID ISSUES FROM Qal

DISCHARGE 10 (gpm)/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE mg.

MEGASCOPIC MINERALS _____

ALTERATION _____

RX TYPE (AT DEPTH) _____

WATER USED FOR IMMEDIATE AREA USED FOR carlo

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

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

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Bem ?

PREVIOUS AND/OR CURRENT LEASES _____

JS R8 F19

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11140 Date 8/7 Time 1430

Name Rhyolite Ridge Production Test Location: Co. Esmeralda State Nev

SW Sec. 15 Twp. 1S R. 36E ; 2 km/mi East of Nev 20 w AW

Lat. _____ Long. _____ Elevation _____ Quad. Rhyolite Ridge

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	38	DISCHARGE	very high ≈ 1600 gpm ~~gpm/Lpm~~
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	12-16"
FLUID COLOR	clear	PUMP TYPE	–
FLUID TASTE	slightly mineral	STATIC HEAD	–
BUBBLING	high S_2	SCALING	–
BOILING	–	TYPE OF PIPING	steel
VEGETATION	–	ARTESIAN HEAD	highly
FLUID ISSUES FROM	production well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	bin
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → f.g
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 act. well

PROPERTY OWNED BY BLM ?

PREVIOUS AND/OR CURRENT LEASES ?

JSR8 F22

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W1141 Date 8/7 Time 1300

Name NW 17 Cold Spring Location: Co. Esmen State Nev

Sec. 17 Twp. 15 R. 34E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7100 Quad. Davis Mtn

Sampler NTS

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

DESCRIPTION:

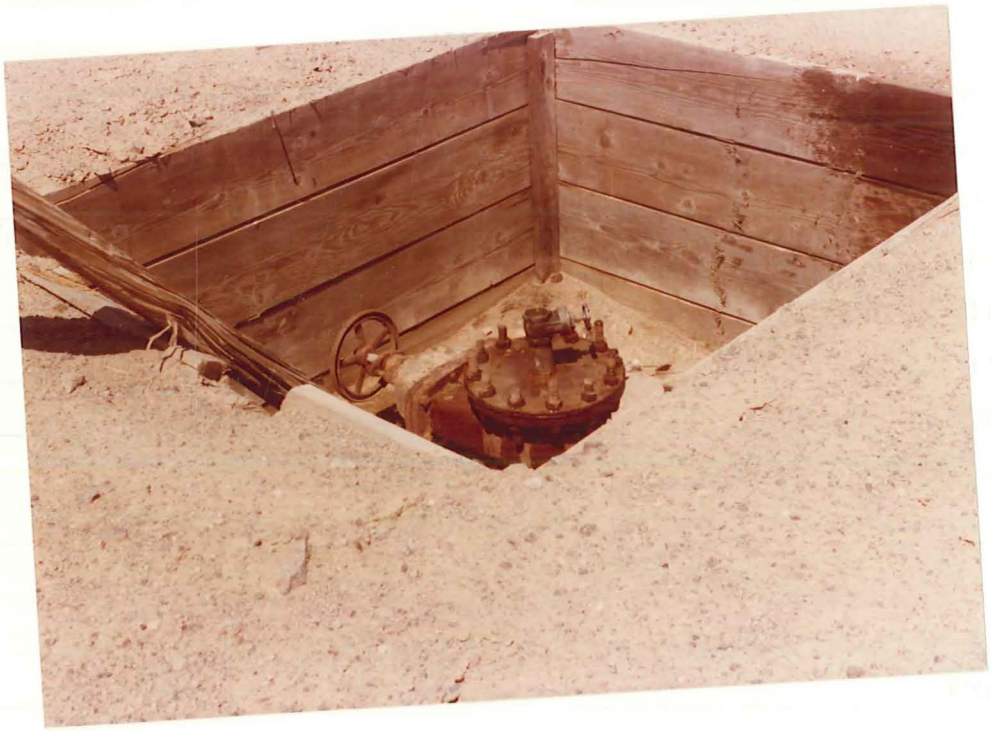
WATER TEMP. °C	18	DISCHARGE	.25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	33	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
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 g.w. seep

PROPERTY OWNED BY BLM ?

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F21



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11142 Date 8/7 Time 1500

Name Sec 21 Cold Well Location: Co. Esmen State New

Sec. 21 Twp. 2S R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4910 Quad. Davis Mtn

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	400-500 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	33	DEPTH	
ODOR	none	BORE	6"
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	domestic
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11143 Date 8/7 Time 1530

Name Circle L Ranch Cold Well Location: Co. Esmeralda State Nev

Sec. 33 Twp. 2S R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4882 Quad. Mt Bancroft

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	1200 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	33	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	abv. gnd; electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	irrigation well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mag
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	irrigation
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Circle L Ranch

PREVIOUS AND/OR CURRENT LEASES ?

AP

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W 11144 Date 8/7 Time 1615

Name Fish Warm Lake Location: Co. Esmer State Nev

Sec. 26 Twp. 25 R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4866 Quad. Mt Barcroft

Sampler MTS

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

DESCRIPTION:

never freezes on Winter "stream"

WATER TEMP. °C 23 DISCHARGE — gpm/Lpm

GROUND TEMP. °C _____

WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM out spring

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE _____

MEGASCOPIC MINERALS mg fg.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

WATER USED FOR cattle

IMMEDIATE AREA USED FOR _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JSR8 F25

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11145 Date 8/7 Time 1600

Name SW 24 Warm Spr Location: Co. Sierra State Nev

Sec. 24 Twp. 25 R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4800 Quad. Mt Bancroft

Sampler NTS

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

DESCRIPTION: — never freezes in the winter

WATER TEMP. °C 22°C

DISCHARGE .5 gpm/Lpm

GROUND TEMP. °C _____

AIR TEMP. 33

ODOR none

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION grass

FLUID ISSUES FROM Qal

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE _____

MEGASCOPIC MINERALS mg > fg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

RX TYPE (AT DEPTH) _____

WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R8 F23

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11146 Date 8/7 Time 1700

Name Dyer P.O. Warm Well Location: Co. Esmeralda State Nev

Sec. 7 Twp. 4S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4875 Quad. Mt Bancroft

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	26	DISCHARGE	200 ? gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	32	DEPTH	
ODOR	none	BORE	6"
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	domestic
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11147 Date 8/7 Time 1120

Name NE26 Cold Well Location: Co. Esmeralda State Nev

Sec. 26 Twp. 2S R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4844 Quad. Mt. Bancroft

Sampler JTS

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

DESCRIPTION:

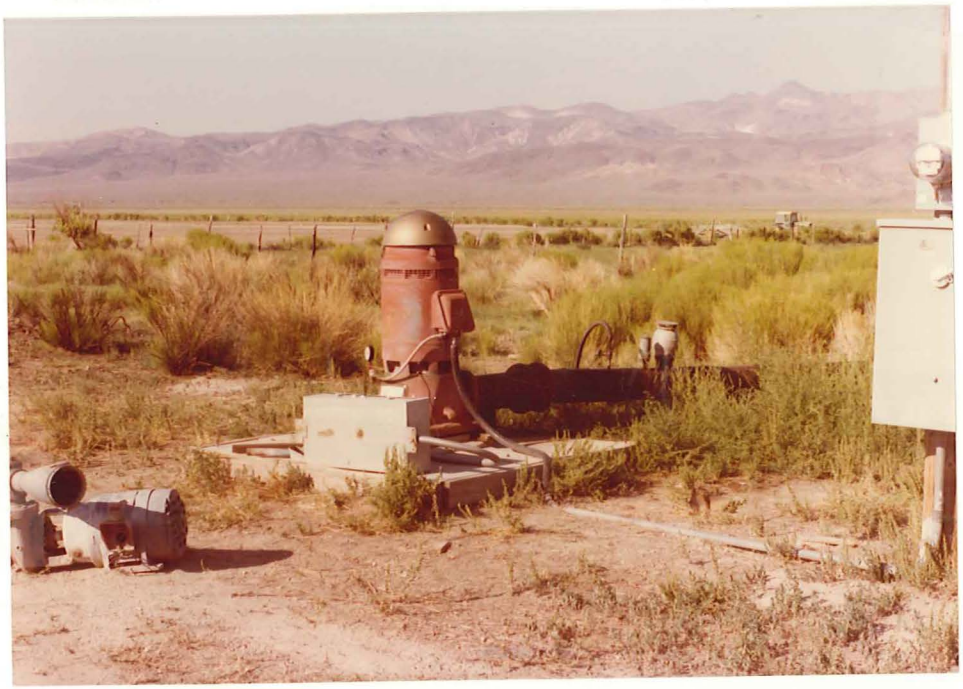
WATER TEMP. °C	18°C	DISCHARGE	1000 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	33	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	above grd: electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	irrigation
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F27



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11148 Date 8/7 Time 1630

Name Flat Warm Well Location: Co. Esmeralda State Nev

Sec. 9 Twp. 2 S R. 35 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4859 Quad. Mt Barcroft

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	25	DISCHARGE	200 ? gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	32	DEPTH	
ODOR	none	BORE	6"
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR IMMEDIATE AREA	domestic
QUANTITY		USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Pannalo

PREVIOUS AND/OR CURRENT LEASES ?

rp

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11149 Date 8/7 Time 1230

Name NW 20 Warm Art Well Location: Co. Esmen State New

Sec. 20 Twp. 15 R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4740 Quad. Dawn Mtn

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	25	DISCHARGE	500 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	32	DEPTH	
ODOR	none	BORE	12"
FLUID COLOR		PUMP TYPE	—
FLUID TASTE		STATIC HEAD	—
BUBBLING		SCALING	—
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	yes
FLUID ISSUES FROM	art. well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
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 art well

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JS 88 F 20

Send Results

R. E Duval
Fish Lake Valley
Via Tonopah 89049

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11150 Date 8/7 Time 1330

Name Duval Cold Well Location: Co. Esmer State Nev

Sec. 28 Twp. 1S R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4960 Quad. Davis Mtn

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C 18

GROUND TEMP. °C _____

AIR TEMP. 33

ODOR none

FLUID COLOR _____

FLUID TASTE _____

BUBBLING _____

BOILING _____

VEGETATION _____

FLUID ISSUES FROM well

DISCHARGE — gpm/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE electric

STATIC HEAD _____

SCALING _____

TYPE OF PIPING steel

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE _____

MEGASCOPIC MINERALS mg

ALTERATION _____

RX TYPE (AT DEPTH) _____

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

WATER USED FOR IMMEDIATE AREA USED FOR domestic

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

AP

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11151 Date 8-7-77 Time 1500

Name Kelty Canyon @ S Location: Co. Mono State Cal

Sec. SE NE 19 Twp. 2S R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6800 Quad. Glass Mtn 15 Ca

Sampler 2D.

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

DESCRIPTION:

WATER TEMP. °C	14.5	DISCHARGE	1 (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	0	ARTESIAN HEAD	
FLUID ISSUES FROM	stream bottom	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	0
QUANTITY		IMMEDIATE AREA USED FOR	ranching
COLOR			
FORM		QUALITY OF SAMPLE:	(EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydro flow ?

PROPERTY OWNED BY _____ ?

PREVIOUS AND/OR CURRENT LEASES _____

FD R6F23

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11152 Date 8-7-77 Time 17:00

Name River C.S. Location: Co. Mono State Ca

Sec. NE NE 24 Twp. 1N R. 30E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6480 Quad. Glass Mtn

Sampler ZD

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	100 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	Sweet	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	algae grasses	ARTESIAN HEAD	
FLUID ISSUES FROM	bank at	ROCK DATA:	
roadside		TYPE (SURFACE)	Basalt
		COLOR	Black
SALT:		GRAIN SIZE	aphan
TYPE	0	MEGASCOPIC MINERALS	OLV
QUANTITY			
COLOR			
FORM		ALTERATION	no
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	0
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION nat hydro flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R6F28, 29

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11153 Date 8-7-77 Time 14:30

Name Benton H.S. Location: Co. Mono State Ca

Sec NESW 2 Twp. 2S R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5626 Quad. Glass Mtn Ca

Sampler JD

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow * I was denied access to spring took sample at roadside

DESCRIPTION:

WATER TEMP. °C	49*	DISCHARGE	1000 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	0	DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	0	STATIC HEAD	
BUBBLING	yes *	SCALING	
BOILING	yes *	TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	granite	ROCK DATA:	
cliff at north side of road		TYPE (SURFACE)	granite
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	0
QUANTITY		IMMEDIATE AREA USED FOR	residential
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

R6 F22

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11154 Date 8-7-77 Time 1630

Name BLACK Lake CW Location: Co. Mono State Ca

Sec NENW 17 Twp. 1S R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6501 Quad. Black MTN

Sampler FD.

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

DESCRIPTION:

WATER TEMP. °C	10	DISCHARGE	5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	?
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	windmill
FLUID TASTE	0	STATIC HEAD	?
BUBBLING	0	SCALING	no
BOILING	0	TYPE OF PIPING	Steel
VEGETATION	0	ARTESIAN HEAD	no
FLUID ISSUES FROM	windmill	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	no
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	cattle
QUANTITY		IMMEDIATE AREA USED FOR	ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

FD R6 F27

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11155 Date 8-7-77 Time 1600

Name Black Mtn C.W. Location: Co. Mono State Ca

Sec. NW NE 12 Twp. 1S R. 30E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6640 Quad. Glass Mtn

Sampler ZD

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

DESCRIPTION:

WATER TEMP. °C	12	DISCHARGE	5 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	0	ARTESIAN HEAD	
FLUID ISSUES FROM	windmill	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	no
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	ranching
QUANTITY		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 ?

FDR6F26

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11156 Date 8-7-77 Time 14:30

Name Dutch Petes C.S. Location: Co. Mono State Ca

Sec. SE SW 4 Twp. 2S R. 31 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6410 Quad. Glass Mt

Sampler BD

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

DESCRIPTION:

WATER TEMP. °C	13	DISCHARGE	1 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	steel drum at hill side	ROCK DATA:	
		TYPE (SURFACE)	granite Prob
		COLOR	white Gray
SALT:		GRAIN SIZE	coarse
TYPE	0	MEGASCOPIC MINERALS	K Spar
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	0
QUANTITY		IMMEDIATE AREA USED FOR	ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION nat hydro flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FDR6F-24

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11157 Date 7-8-77 Time 14:00

Name Blind Hill C.S Location: Co. Mono State Ca

Sec. SENW 36 Twp. 1S R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5520 Quad. Glass Mtn 15

Sampler S.D

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

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	100 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	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	stream bed	ROCK DATA:	
		TYPE (SURFACE)	Granite
		COLOR	gray
SALT:		GRAIN SIZE	med
TYPE	0	MEGASCOPIC MINERALS	KSpar
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR IMMEDIATE AREA	0
QUANTITY		USED FOR	ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydro flow ?

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES 0

R 4 F21

Send analysis

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11158 Date 8-7-77 Time 11:00

Name WOLF ART W. W. Location: Co. Mono State Ca

Sec. SE 6 Twp. 1S R. 32E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5586 Quad. Benton

Sampler J. Dellechaie

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

DESCRIPTION:

WATER TEMP. °C	19	DISCHARGE	30 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	100
ODOR	0	BORE	12"
FLUID COLOR	0	PUMP TYPE	—
FLUID TASTE	hard	STATIC HEAD	—
BUBBLING	0	SCALING	—
BOILING	0	TYPE OF PIPING	steel
VEGETATION	green algae	ARTESIAN HEAD	yes
FLUID ISSUES FROM	12" steel pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	ranching
QUANTITY		IMMEDIATE AREA USED FOR	"
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY willie Wolf P.O. 940 Benton Ca 93512

PREVIOUS AND/OR CURRENT LEASES no

no pic

send analysis to: James P. Wallace
Dyer, Nev. 89010

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11159 Date 8/7/77 Time 1500

Name Sec 9 CW. Location: Co. Esmeralda State Nevada

Sec. 9 Twp. 4S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Piper Peak

Sampler R Babcock

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

DESCRIPTION:

WATER TEMP. °C	16°C	DISCHARGE	Electric Pump 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	0	ARTESIAN HEAD	
FLUID ISSUES FROM	Well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Irrigation
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY Wallace Ranch

PREVIOUS AND/OR CURRENT LEASES _____

No picture -

Send analysis to: James P. Wallace
Dyer, Nev 89010

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11160 Date 8/7/77 Time 1300

Name Sec 15 W.W. Location: Co. Esmeralda State Nev.

SWSW Sec. 15 Twp. 4S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4890 Quad. Piper Peak (15')

Sampler RBalta

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

DESCRIPTION:

WATER TEMP. °C	19°C	DISCHARGE	Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	slightly bitter	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	0	ARTESIAN HEAD	
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR IMMEDIATE AREA	Irrigation
QUANTITY		USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY James Wallace

PREVIOUS AND/OR CURRENT LEASES

RB R4 F14

send analysis to: James P. Wallace
Dyer, Nevada 89010

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W 11161 Date 8/7/77 Time 1230

SENE Name Sec 16 C.W. Location: Co. Esmeralda State Nev.

Sec. 16 Twp. 4S R. 36 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Pipe Peak (15')

Sampler Rebatre

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

DESCRIPTION:

WATER TEMP. °C	15°C	DISCHARGE	Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	10"
FLUID COLOR	0	PUMP TYPE	Electric
FLUID TASTE	sweet	STATIC HEAD	-
BUBBLING	0	SCALING	-
BOILING	0	TYPE OF PIPING	Steel tube
VEGETATION	0	ARTESIAN HEAD	No
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Domestic
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY James Wallace

PREVIOUS AND/OR CURRENT LEASES _____

RBR4F13

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11162 Date 8/7/77 Time 1130

Name Sec 8 W.W. Location: Co. Mono State Calif.

Sec. N½ 8 Twp. 5 S R. 38 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4980 Quad. Piper Peak (15')

Sampler R Bates

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

DESCRIPTION:

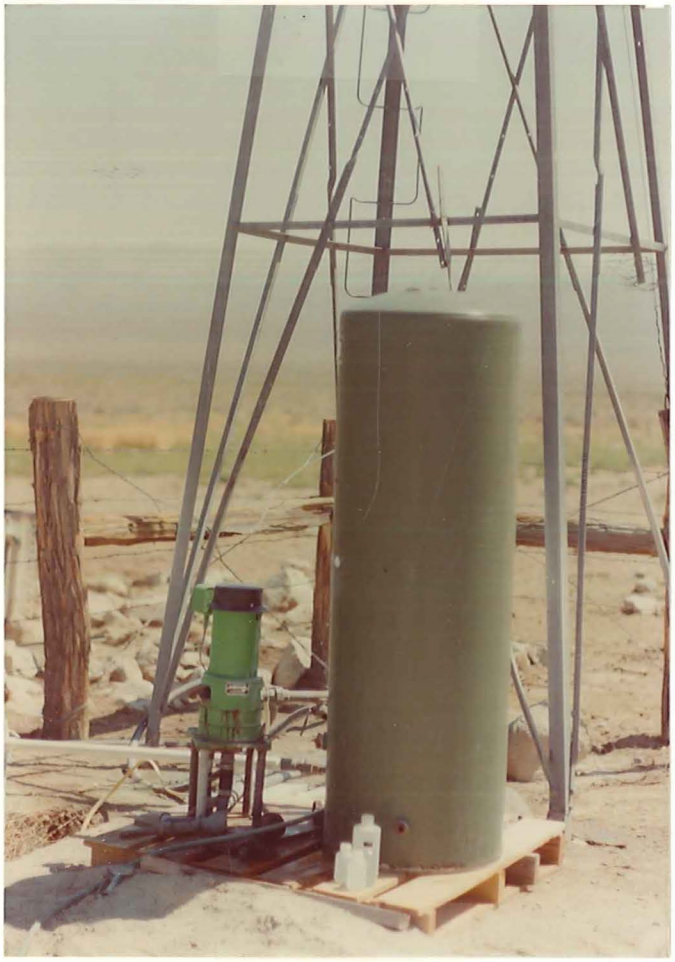
WATER TEMP. °C	20°C	DISCHARGE	Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	0	BORE	2½"
FLUID COLOR	0	PUMP TYPE	Electric
FLUID TASTE	slightly bitter	STATIC HEAD	–
BUBBLING	0	SCALING	–
BOILING	0	TYPE OF PIPING	Steel tube
VEGETATION	0	ARTESIAN HEAD	No
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Irrigation
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY –

PREVIOUS AND/OR CURRENT LEASES –

RB R4 F 12



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11163 Date 8/7/77 Time 1415

Name Sec23 C.W Location: Co. Esmeralda State Nevada

SWSW Sec. 23 Twp. 4S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4720 Quad. Papa Peak (15')

Sampler RBaker

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

DESCRIPTION:

WATER TEMP. °C	16°C	DISCHARGE	Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	8"
FLUID COLOR	0	PUMP TYPE	Electric
FLUID TASTE	0	STATIC HEAD	-
BUBBLING	0	SCALING	-
BOILING	0	TYPE OF PIPING	Steel tube
VEGETATION	0	ARTESIAN HEAD	NO
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Soil
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Irrigation
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY -

PREVIOUS AND/OR CURRENT LEASES -

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11164 Date 8/1/77 Time 1330

Name Sec 22 C.W. Location: Co. Esmeralda State Nev.

NENE Sec. 22 Twp. 4S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Piper Peak (15')

Sampler P Bates

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

DESCRIPTION:

WATER TEMP. °C	15°C	DISCHARGE	Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	10"
FLUID COLOR	0	PUMP TYPE	Electric
FLUID TASTE	0	STATIC HEAD	–
BUBBLING	0	SCALING	–
BOILING	0	TYPE OF PIPING	–
VEGETATION	0	ARTESIAN HEAD	No
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Rd
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR IMMEDIATE AREA USED FOR	Irrigation Ranching
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric Pump

PROPERTY OWNED BY –

PREVIOUS AND/OR CURRENT LEASES –

RB R4 F15

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11165 Date 8/7 Time 1700

Name Kirkwood Cold Spr. Location: Co. Mono State Calif.

NE, SE Sec. 10 Twp. 3N R. 27E ; _____ km/mi — of —

Lat. — Long. — Elevation 6720 Quad. Trench Canyon

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	20° Partial solar Heating	DISCHARGE	30-40 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	26°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Clear	PUMP TYPE	
FLUID TASTE	None	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Grasses	ARTESIAN HEAD	

FLUID ISSUES FROM Spring at head of non-name Trench

ROCK DATA:

TYPE (SURFACE)	Soil
COLOR	
GRAIN SIZE	
MEGASCOPIC MINERALS	
ALTERATION	
RX TYPE (AT DEPTH)	
WATER USED FOR	-0-
IMMEDIATE AREA USED FOR	-0-

SALT:

TYPE	No
QUANTITY	
COLOR	
FORM	

SINTER:

TYPE	No
QUANTITY	
COLOR	
FORM	

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

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Inyo National Forest

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F19

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11166 Date 8/7 Time 1730

Name Walford Cold Well Location: Co. Mono State Calif.

NE NE Sec. 27 Twp. 3N R. 27E ; _____ km/mi — of —

Lat. _____ Long. _____ Elevation 6480 Quad. Trench Canyon

Sampler Burke Villars

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

DESCRIPTION:

WATER TEMP. °C	12°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	28°	DEPTH	—
ODOR	None	BORE	24"
FLUID COLOR	Clear	PUMP TYPE	None
FLUID TASTE	None	STATIC HEAD	Flowing
BUBBLING	No	SCALING	None
BOILING	No	TYPE OF PIPING	Galvanized Culvert
VEGETATION	Grasses	ARTESIAN HEAD	Flowing
FLUID ISSUES FROM	Well & Pipe in Marsh Area	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	No	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	No	WATER USED FOR	Stock Pond
QUANTITY		IMMEDIATE AREA USED FOR	Recreation
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural artesian Head

PROPERTY OWNED BY Inyo Forest Service

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F20

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11167 Date 8/7 Time 1800

Name Sulphur artesian Cold Well Location: Co. Mono State Calif.

SW, SE

Sec. 26 Twp. 3N R. 27E ; _____ km/mi — of —

Lat. — Long. — Elevation 6440 Quad. Trench Canyon

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	14°	DISCHARGE	1-2 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	25°	DEPTH	—
ODOR	Mild Sulfur	BORE	6"
FLUID COLOR	Clear	PUMP TYPE	None
FLUID TASTE	High Sulfur	STATIC HEAD	Flowing
BUBBLING	No	SCALING	No
BOILING	No	TYPE OF PIPING	?
VEGETATION	White & Brown algae	ARTESIAN HEAD	Flowing
FLUID ISSUES FROM	Well casing in alluvium	ROCK DATA:	
		TYPE (SURFACE)	Soil
		COLOR	
		GRAIN SIZE	
		MEGASCOPIC MINERALS	

SALT:

TYPE	None
QUANTITY	
COLOR	
FORM	

SINTER:

TYPE	None
QUANTITY	
COLOR	
FORM	

ALTERATION	
RX TYPE (AT DEPTH)	
WATER USED FOR	—0—
IMMEDIATE AREA USED FOR	—0—

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural artesian Head

PROPERTY OWNED BY Inyo National Forest

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F21

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11168 Date 8/7 Time 1315

Name Pigeon CS Location: Co. Pamerelda State New

NESE Sec. 17 Twp. 6S R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6470 Quad. Magnolia Mtn. 15'

Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C	15	DISCHARGE	3 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Dol
		COLOR	
SALT:		GRAIN SIZE	
TYPE	no	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	no	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 BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F22

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11169 Date 8/7 Time 1245

Name Kline CS Location: Co. Esmeralda State Nev.

SWSE Sec. 14 Twp. 6S R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6880 Quad. Magruder Mtn. 15'

Sampler Dallam Masterson

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

DESCRIPTION:

WATER TEMP. °C	14	DISCHARGE	5 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	—	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	no	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	no	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 BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F21

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11170 Date 8/7 Time 1045

Name Railroad CS Location: Co. Esmeralda State Nev.

Sec. – Twp. 5S R. 41E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6165 Quad. Montezuma Peak SW 7½'

Sampler Dallam Masterson

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

DESCRIPTION:

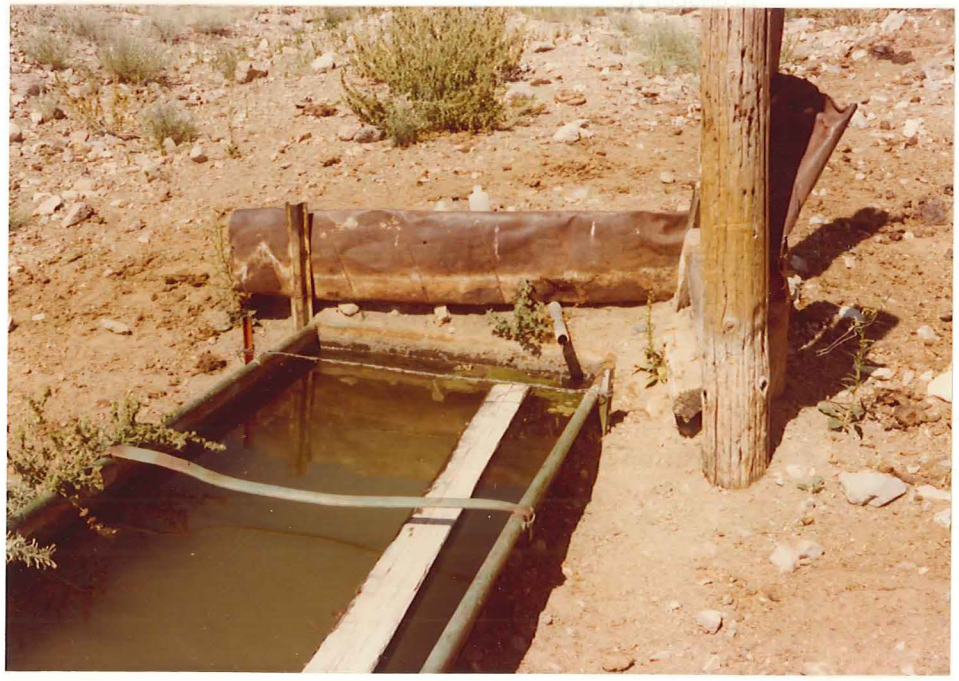
WATER TEMP. °C	17	DISCHARGE	1 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	green algae	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe in dry stream bed	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	no	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	no	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 BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F19



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11171 Date 8/7 Time 1145

Name Indian WS Location: Co. Esmeralda State Nev.

NENE Sec. 13 Twp. 6S R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6880 Quad. Magruder Mtn. 15'

Sampler Dallan Masterson

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

DESCRIPTION:

no visible outlet for pool

WATER TEMP. °C 22 * DISCHARGE ? (gpm)/Lpm

GROUND TEMP. °C _____

AIR TEMP. _____

ODOR –

FLUID COLOR –

FLUID TASTE –

BUBBLING –

BOILING –

VEGETATION green algae, grass

FLUID ISSUES FROM pool

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 no

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

TYPE no

QUANTITY _____

COLOR _____

FORM _____

RX TYPE (AT DEPTH) _____

WATER USED FOR –

IMMEDIATE AREA USED FOR –

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

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

PM R3 F20

* solar heated

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11172 Date 8/8 Time 1515

Name S2 WS Location: Co. Churchill State NV

S Sec. 2 Twp. 22N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4940 Quad. Shoshone Meadows 15'

Sampler Dallam Masterson

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

DESCRIPTION:

WATER TEMP. °C	24 ✱	DISCHARGE	20 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	28	DEPTH	
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	—	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	ground	ROCK DATA:	
		TYPE (SURFACE)	no outcrops nearby but probably volcanic
		COLOR	
SALT:		GRAIN SIZE	
TYPE	no	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	no	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 BLM?

PREVIOUS AND/OR CURRENT LEASES?

DM R3 F25

✱ probably solar heated

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11173 Date 8/8 Time 1430

Name Shoshone Meadows WS Location: Co. Churchill State Nev.

NESE Sec. 2 Twp. 22N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4800 Quad. Shoshone Meadows 15'

Sampler Dallas Masterson

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

DESCRIPTION:

WATER TEMP. °C	24 ☆	DISCHARGE	<1 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	–	BORE	
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	–	STATIC HEAD	
BUBBLING	–	SCALING	
BOILING	–	TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe at bottom of hill	ROCK DATA:	
		TYPE (SURFACE)	crystal tuff
		COLOR	white
SALT:		GRAIN SIZE	large
TYPE	no	MEGASCOPIC MINERALS	mica, quartz, feldspar
QUANTITY			
COLOR			
FORM		ALTERATION	–
SINTER:		RX TYPE (AT DEPTH)	–
TYPE	no	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 BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F24

☆ probably solar heated while trickling through pipe

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11174 Date 8/9/77 Time 1208

Name Murphy C.S. Location: Co. Mono State Calif.

NWSE Sec. 24 Twp. 4N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8020 Quad. Bodie (15')

Sampler RBatre

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

DESCRIPTION:

WATER TEMP. °C	17°C	DISCHARGE	40-50 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	grass	ARTESIAN HEAD	

FLUID ISSUES FROM creek bed on mountain canyon

ROCK DATA:

TYPE (SURFACE)	Qal/Tv
COLOR	
GRAIN SIZE	
MEGASCOPIC MINERALS	

SALT:

TYPE	0
QUANTITY	
COLOR	
FORM	

ALTERATION	0
RX TYPE (AT DEPTH)	
WATER USED FOR	No Chip
IMMEDIATE AREA USED FOR	No Chip

SINTER:

TYPE	0
QUANTITY	
COLOR	
FORM	

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

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR4F21

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11175 Date 8/9/77 Time 1030

Name Coyote C.S Location: Co. Mono State Calif

SWNW Sec. 14 Twp. 3 N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Bodie (15')

Sampler RBahe

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

DESCRIPTION:

WATER TEMP. °C	15°c	DISCHARGE	10-12 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	grn grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Creek bed in mountain canyon	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

RBF4 F19

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11176 Date 8/7/77 Time 1130

Name Milk Ranch Canyon C.S. Location: Co. Mono State Calif

SENE

Sec. 8 Twp. 4N R. 27E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8400 Quad. Bodie (15')

Sampler RBalnes

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

DESCRIPTION:

WATER TEMP. °C	10 °C	DISCHARGE	1-2 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	slightly bitter	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	gm grass	ARTESIAN HEAD	
FLUID ISSUES FROM	side of canyon wall	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:	0	RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	State Park
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural by hydrostatic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBRAF20

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11177 Date 9/8/77 Time 1515

Name Sec 9 H.S. Location: Co. Mono State Calif

SENE Sec. 9 Twp. 4N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6560 Quad. Bridgeport (15')

Sampler RBabcock

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

DESCRIPTION:

WATER TEMP. °C	40°C	DISCHARGE	4-5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR		BORE	
FLUID COLOR	Bluish	PUMP TYPE	
FLUID TASTE	slightly hard	STATIC HEAD	
BUBBLING	yes	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	brn algae	ARTESIAN HEAD	
FLUID ISSUES FROM	sinkhole or limestone ridge	ROCK DATA:	
		TYPE (SURFACE)	Limestone
		COLOR	grey/white
SALT:		GRAIN SIZE	small
TYPE	sulphates/chlorides	MEGASCOPIC MINERALS	
QUANTITY	Large		
COLOR	White		
FORM	Amorphous	ALTERATION	Silica / Carbonates
SINTER:		RX TYPE (AT DEPTH)	
TYPE	NO	WATER USED FOR	Nothing
QUANTITY		IMMEDIATE AREA USED FOR	Nothing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., (GOOD), POOR	

PROBABLE CAUSE OF MANIFESTATION Possible faulting

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR4F23

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11178 Date 8/9/77 Time 1330

Name Sec 16 W.S. Location: Co. Mono State CA

NWSW

Sec. 16 Twp. 4N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7860 Quad. Bodie (15')

Sampler Blake

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

DESCRIPTION:

WATER TEMP. °C	26°C	DISCHARGE	100-150 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	slightly bitter	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	gm grass/algae	ARTESIAN HEAD	
FLUID ISSUES FROM	gravel bed in mountain meadow	ROCK DATA:	
		TYPE (SURFACE)	Qal / Volcanic Tuffs
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Probable fault

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

RBR4F22

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11179 Date 8/8/77 Time 1330

Name Mono Lake W.S. Location: Co. Mono State CA

Sec. 17 Twp. 3N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6440 Quad. Trench Canyon (15')

Sampler RBaba

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

DESCRIPTION:

WATER TEMP. °C	22°C	DISCHARGE	4-5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	slimy/alkaline	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	gm/bin algae, grass	ARTESIAN HEAD	
FLUID ISSUES FROM	sinkhole on playa sediments	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	Alkaline	MEGASCOPIC MINERALS	
QUANTITY	Major		
COLOR	grey-white		
FORM	Amorphous	ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Nothing
QUANTITY		IMMEDIATE AREA USED FOR	Recreation
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

RBR4F 16

send analysis to: Pat Kelley
Lee Vining, CA 95431

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11180 Date 8/8/77 Time 1615

Name Mono Viola C.S Location: Co. Mono State Calif.

SWNW Sec. 20 Twp. 2N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Bodie, (15')

Sampler R Bates

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

DESCRIPTION:

WATER TEMP. °C	14°C	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	slightly bitter	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	grn grass	ARTESIAN HEAD	
FLUID ISSUES FROM	sinkhole on playa bed	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	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 Pat Kelley

PREVIOUS AND/OR CURRENT LEASES _____

RBRAF17

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11181 Date 8/8/77 Time 1900

Name Sec 28 CAW Location: Co. Mono State Calif

NENE Sec. 28 Twp. 3N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6480 Quad. Trench Canyon

Sampler RBabe ~~6480~~

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

DESCRIPTION:

WATER TEMP. °C	15°C	DISCHARGE	12 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	grn grass / brn algae	ARTESIAN HEAD	
FLUID ISSUES FROM	artesian well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Nothing
QUANTITY		IMMEDIATE AREA USED FOR	Nothing
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Artesian Well

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR4 F18 (Not printed)

4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No._____ Sample No. W11182 Date_____ Time_____

Name WALKER LAKE Location: Co. Mineral State NV

Sec._____ Twp._____ R._____ ;_____ km/mi_____ of_____

Lat._____ Long._____ Elevation_____ Quad._____

Sampler_____

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

DESCRIPTION:

WATER TEMP. °C	31°	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	—	BORE	
FLUID COLOR	—	PUMP TYPE	
FLUID TASTE	NONE	STATIC HEAD	
BUBBLING	—	SCALING	
BOILING	—	TYPE OF PIPING	
VEGETATION	GRASS + Algae	ARTESIAN HEAD	
FLUID ISSUES FROM	—	ROCK DATA:	
		TYPE (SURFACE)	Pal
		COLOR	Brown
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	RECREATION
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_____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No._____ Sample No. W11183 Date_____ Time_____

Name City of Hawthorne Drinking Water Location: Co._____ State_____

Sec._____ Twp. 8 N R. 30 E ;_____ km/mi_____ of_____

Lat._____ Long._____ Elevation_____ Quad._____

Sampler_____

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

DESCRIPTION:

WATER TEMP. °C	28°	DISCHARGE	gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR		BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM		ROCK DATA:	
		TYPE (SURFACE)	
		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_____

PROPERTY OWNED BY_____

PREVIOUS AND/OR CURRENT LEASES_____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11184 Date 8/8 Time 1120

Name Soda Lake Location: Co. Churchill State Nev.

Sec. 7&8 Twp. 19N R. 28E ; _____ km/mi — of —

Lat. — Long. — Elevation 3989 Quad. Soda Lake

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	27° *	DISCHARGE	— gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	28°	DEPTH	
ODOR	None	BORE	
FLUID COLOR	Clear	PUMP TYPE	
FLUID TASTE	High NaCl	STATIC HEAD	
BUBBLING	No	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Green moss	ARTESIAN HEAD	
FLUID ISSUES FROM	Spring in Lake	ROCK DATA:	
		TYPE (SURFACE)	Oal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	NaCl - KCl	MEGASCOPIC MINERALS	
QUANTITY	Minor		
COLOR	White		
FORM	Amorphous	ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	None	WATER USED FOR	Lake
QUANTITY		IMMEDIATE AREA USED FOR	Recreation
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F22

* Partial Solar Heating

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11185 Date 8/13/77 Time 1730

SWNW

Name Sec20 CAN Location: Co. Plumas State Calif

Sec. 20 Twp. 22 N R. 16 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4920 Quad. Loyalton (15')

Sampler RRehrig

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

DESCRIPTION:

WATER TEMP. °C	17°C	DISCHARGE	4-5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	4"
FLUID COLOR	0	PUMP TYPE	–
FLUID TASTE	0	STATIC HEAD	–
BUBBLING	0	SCALING	–
BOILING	0	TYPE OF PIPING	Steel tube
VEGETATION	green grass	ARTESIAN HEAD	yes
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Nothing
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Artesian head

PROPERTY OWNED BY Anthony Ranch

PREVIOUS AND/OR CURRENT LEASES –

RBR4 F28

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11186 Date 8/13/77 Time 1230

Name Red Rock H.S. Location: Co. Lassen State Calif

SWNW Sec. 24 Twp. 24N R. 17E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4520 Quad. Chilcoot (15')

Sampler RBahr

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

DESCRIPTION:

WATER TEMP. °C	43°C	DISCHARGE	100-120 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	grayish tint	PUMP TYPE	
FLUID TASTE	slightly bitter/hard	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	sungrass/blackberry	ARTESIAN HEAD	
FLUID ISSUES FROM	crack in granite at base of range	ROCK DATA:	
		TYPE (SURFACE)	granite
		COLOR	gray
SALT:		GRAIN SIZE	large
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Nothing
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., (GOOD), POOR

PROBABLE CAUSE OF MANIFESTATION Probable faulting

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

RBR4 F24

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11187 Date 8/13/77 Time 1700

Name Sec 5 WAW Location: Co. Plumas State Calif

NWNE Sec. 5 Twp. 22N R. 16E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Chilcoot (15')

Sampler RBoka

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

DESCRIPTION:

WATER TEMP. °C	22°C	DISCHARGE	10-15 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	–
ODOR	0	BORE	2½"
FLUID COLOR	0	PUMP TYPE	–
FLUID TASTE	slightly bitter	STATIC HEAD	–
BUBBLING	0	SCALING	–
BOILING	0	TYPE OF PIPING	Steel tube
VEGETATION	gen algae/grass	ARTESIAN HEAD	yes
FLUID ISSUES FROM	well head on	ROCK DATA:	
alluvium		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Not Artesian head

PROPERTY OWNED BY Anthony Ranch

PREVIOUS AND/OR CURRENT LEASES –

RBRAF07

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11188 Date 8/13/77 Time 1415

Name Sec 36 W.W. Location: Co. Plumas State Calif

NWSE Sec. 36 Twp. 22 N R. 15 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Loyalton (K')

Sampler RBabre

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

DESCRIPTION:

WATER TEMP. °C	21° C	DISCHARGE	Electric Pump gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	8"
FLUID COLOR	0	PUMP TYPE	Electric
FLUID TASTE	0	STATIC HEAD	—
BUBBLING	0	SCALING	—
BOILING	0	TYPE OF PIPING	Steel pipe
VEGETATION	0	ARTESIAN HEAD	No
FLUID ISSUES FROM	well head	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	—
TYPE	0	WATER USED FOR	Irrigation
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric Pump

PROPERTY OWNED BY —

PREVIOUS AND/OR CURRENT LEASES —

RBR4 F25


#3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11189 Date 8/13/77 Time 1615

Name Sec 33, C.S. Location: Co. Plumas State Calif.

NWNW Sec. 33 Twp. 22N R. 16E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5060 Quad. Lafayette (15')

Sampler R Bahn

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

DESCRIPTION:

WATER TEMP. °C	16°C	DISCHARGE	8–10 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.		DEPTH	
ODOR	0	BORE	
FLUID COLOR	0	PUMP TYPE	
FLUID TASTE	slightly bitter	STATIC HEAD	
BUBBLING	0	SCALING	
BOILING	0	TYPE OF PIPING	
VEGETATION	San grass	ARTESIAN HEAD	
FLUID ISSUES FROM	sediment at base of range	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	
SALT:		GRAIN SIZE	
TYPE	0	MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	0
SINTER:		RX TYPE (AT DEPTH)	
TYPE	0	WATER USED FOR	Cattle
QUANTITY		IMMEDIATE AREA USED FOR	Ranching
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY Ankony Ranch (Occidental Petroleum)

PREVIOUS AND/OR CURRENT LEASES —

RBR4F26

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11190 Date 8/13 Time 1515

Name NE 19 Cold Well Location: Co. Sierra State Calif

Sec. 19 Twp. 19N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5000 Quad. Sierraville

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	100-200 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	none	BORE	6"
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Dol
		COLOR	tan
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	domestic
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11191 Date 8/12 Time 1600

Name Sec 16 Cold Spring Location: Co. Sierra State Calif

Sec. 16 Twp. 20N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5400 Quad. Sierraville

Sampler DTS

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

DESCRIPTION:

WATER TEMP. °C	14	DISCHARGE	50-75 (gpm)/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	gry
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → fg
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 g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JSR9F5

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11192 Date 8/13 Time 1500

Name Sontag Cold Well Location: Co. Sierra State Calif

Sec. 4 Twp. 20N R. 13E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5020 Quad. Sierraville

Sampler DTS

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.	35	DEPTH	
ODOR	none	BORE	6" ?
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	
FLUID ISSUES FROM	pump	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
TYPE		MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	domestic
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Pinnolo

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11193 Date 8/13 Time 1430

Name Calpine Cold Well Location: Co. Sierra State Calif

Sec. 17 Twp. 20N R. 13E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4960 Quad. Sierraville

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	200 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	—
ODOR	none	BORE	6"
FLUID COLOR		PUMP TYPE	electric
FLUID TASTE		STATIC HEAD	—
BUBBLING		SCALING	—
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	—
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	tan
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	domestic
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JP

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11194 Date 8/13 Time 1400

Name SW26 Warm Art. Well Location: Co. Plumas State Calif.

Sec. 26 Twp. 21N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Sierraville

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C	22	DISCHARGE	.5 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	35	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION	grass	ARTESIAN HEAD	yes
FLUID ISSUES FROM	well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg ⇒ fig
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 g.w. seep

PROPERTY OWNED BY Pennell

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11195 Date 8/13 Time 1300

Name Marble Hot Art. Well Location: Co. Plumas State Calif

Sec. 13 Twp. 22N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Portola

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	70°C	DISCHARGE	100 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	34	DEPTH	—
ODOR	none	BORE	—
FLUID COLOR		PUMP TYPE	—
FLUID TASTE	mineral	STATIC HEAD	—
BUBBLING	yes	SCALING	minor
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	yes
FLUID ISSUES FROM	Art. well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn - gry
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg → f.g
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 Fault ?

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JSR9 F 1,2

Send Analysis → George Philippini
Box 126
Loyalton, California

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11196 Date 8/13 Time 1730

Name SE 32 Hot Art. well Location: Co. Plumas State Calif

Sec. 32 Twp. 21N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Scrawello

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	60°C	DISCHARGE	50 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	30	DEPTH	
ODOR	none	BORE	4-6"
FLUID COLOR	–	PUMP TYPE	
FLUID TASTE	slightly mineral	STATIC HEAD	
BUBBLING	yes	SCALING	
BOILING	yes	TYPE OF PIPING	steel
VEGETATION	no	ARTESIAN HEAD	yes
FLUID ISSUES FROM	art well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	cooling
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY see above

PREVIOUS AND/OR CURRENT LEASES ? Phillips

JS R9 F9,10

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11197 Date 8/13 Time 1630

Name NF15 CS Location: Co. Sierra State Calif

Sec. 15 Twp. 21N R. 15E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4950 Quad. Sierraville

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	18	DISCHARGE	.25 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	29	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	mg
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 g.w. seepage

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES ?

np.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11198 Date 8/13 Time 1530

Name Campbell Hot Spring Location: Co. Sierra State Calif.

Sec. 20 Twp. 19N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5000 Quad. Sierraville

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C 38

GROUND TEMP. °C _____

AIR TEMP. 35

ODOR sulfur

FLUID COLOR clear

FLUID TASTE mineral-sulfur

BUBBLING _____

BOILING _____

VEGETATION _____

FLUID ISSUES FROM Qal

DISCHARGE 5 gpm/Lpm

WELL DATA:

DEPTH _____

BORE _____

PUMP TYPE _____

STATIC HEAD _____

SCALING _____

TYPE OF PIPING _____

ARTESIAN HEAD _____

ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE _____

MEGASCOPIC MINERALS mg

ALTERATION _____

RX TYPE (AT DEPTH) _____

WATER USED FOR IMMEDIATE AREA USED FOR bathing

QUALITY OF SAMPLE: EXC., GOOD, POOR

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JSR9F4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11199 Date 8/13 Time 1500

Name SWS Warm Art Well Location: Co. Sierra State Calif

Sec. 5 Twp. 21N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Sierraville

Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	29	DISCHARGE	1-2 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	30	DEPTH	
ODOR	none	BORE	4-6"
FLUID COLOR	brin	PUMP TYPE	
FLUID TASTE	mineral	STATIC HEAD	
BUBBLING	no	SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION		ARTESIAN HEAD	yes
FLUID ISSUES FROM	pipe	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
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 fault

PROPERTY OWNED BY Philippini

PREVIOUS AND/OR CURRENT LEASES ?

JS R9 F8

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11200 Date 8/13 Time 1645

Name SESW 8 Cold Art. Well Location: Co. Sonoma State Calif

Sec. 8 Twp. 21N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4910 Quad. Sonoma Ville

Sampler DTS

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

DESCRIPTION:

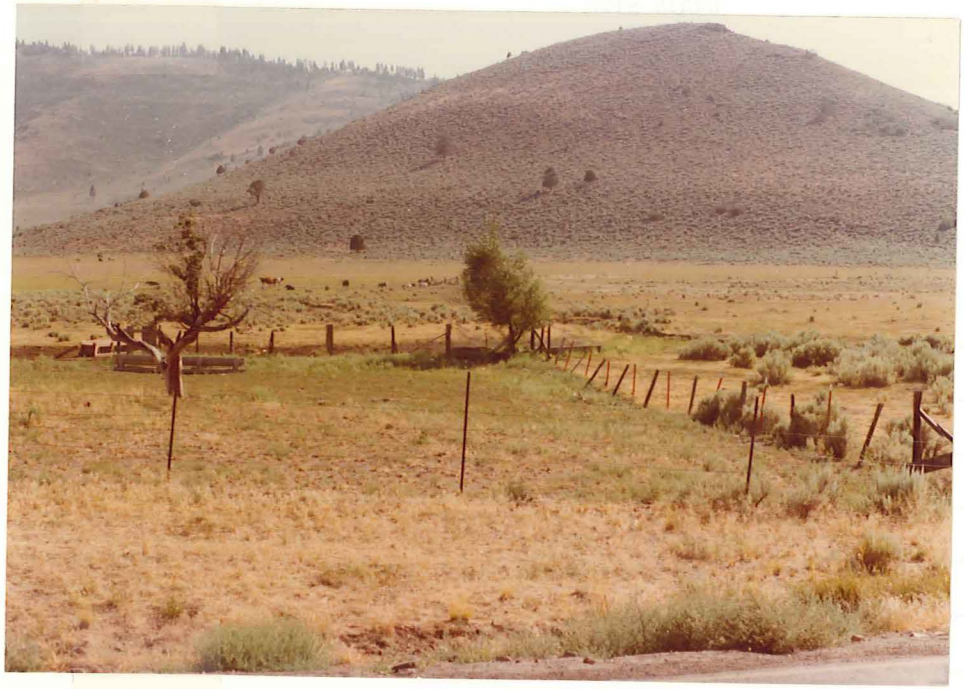
WATER TEMP. °C	15	DISCHARGE	1-2 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	32	DEPTH	
ODOR	none	BORE	6"
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	steel
VEGETATION	algae	ARTESIAN HEAD	yes
FLUID ISSUES FROM	art well	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	none
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION art. well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R9 F7



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11201 Date 8/13 Time 1630

Name Sec 6 Cold Spring Location: Co. Sierra State Calif

Sec. 6 Twp. 20N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4950 Quad. Sierraville

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C	17	DISCHARGE	100 gpm/Lpm
GROUND TEMP. °C		WELL DATA:	
AIR TEMP.	33	DEPTH	
ODOR	none	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	grass	ARTESIAN HEAD	
FLUID ISSUES FROM	Qal	ROCK DATA:	
		TYPE (SURFACE)	Qal
		COLOR	brn
SALT:		GRAIN SIZE	
TYPE		MEGASCOPIC MINERALS	mg
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE		WATER USED FOR	castle
QUANTITY		IMMEDIATE AREA USED FOR	
COLOR			
FORM		QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. drainage

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R9Fb

Send Lab Results to
Address on Back

J

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11202 Date 8/13 Time 1630

Name Cabin No. 13 Cold Spr. Location: Co. El Dorado State Calif

NE, SW Sec. 31 Twp. 14N R. 15E ; _____ km/mi — of —

Lat. — Long. — Elevation 6000 Quad. Granite Chief

Sampler Burle Williams

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

DESCRIPTION:

WATER TEMP. °C	17°	DISCHARGE	2-3 gpm/Lpm
GROUND TEMP. °C	—	WELL DATA:	
AIR TEMP.	28°	DEPTH	
ODOR	Mild Sulfur	BORE	
FLUID COLOR	Clear	PUMP TYPE	
FLUID TASTE	Sulfurous & Bitter	STATIC HEAD	
BUBBLING	Minor CO_2	SCALING	
BOILING	No	TYPE OF PIPING	
VEGETATION	Brown algae	ARTESIAN HEAD	

FLUID ISSUES FROM Fractures in Bedrock near Cabin 13

ROCK DATA:

TYPE (SURFACE)	Monzonite
COLOR	White
GRAIN SIZE	Coarse
MEGASCOPIC MINERALS	Biotite, Quartz, Amphibole, Na-Plag. K-Feldspar
ALTERATION	
RX TYPE (AT DEPTH)	
WATER USED FOR	— 0 —
IMMEDIATE AREA USED FOR	Recreation

SALT:

TYPE	None
QUANTITY	
COLOR	
FORM	

SINTER:

TYPE	None
QUANTITY	
COLOR	
FORM	

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

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY Orrin Ellingson

PREVIOUS AND/OR CURRENT LEASES —

No Picture

Wentworth Spring Resort
c/o Orrin Ellingson
P.O. Box 1165
Auburn, California

			Water No. 2	Cabin No. 13
silica	SiO_2	-	77.6	81
	Fe_2O_3	-	27.2	79.7
	Al_2O_3	-	8.5	12.0
	CaO	-	688.2	579.9
	MgO	-	254.7	251.3
	Na_2O	-	2,141.0	2,642.0
	K_2O		1,455.0	682.0
	SO_4		21.4	21.5
	CO_2		504.6	419.2
	Cl		2,822.0	2,538.0
	pH		6.58	6.44