

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11203 Date 8/14 Time 1400

Name 1 Coldwell Location: Co. Ponglas State Nev.

NE, NW Sec. 1 Twp. 12N R. 20E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. - Long. - Elevation 4920 Quad. Mt. Siegel

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. 35° DEPTH 174'

ODOR None BORE 6"

FLUID COLOR Clear PUMP TYPE Electric Sub.

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING -

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) ool

COLOR \_\_\_\_\_

SALT:

TYPE No GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR IMMEDIATE AREA Residential

QUANTITY \_\_\_\_\_ USED FOR Residential

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. W11204 Date 8/14 Time 1100

Name Grovers Hot Springs Location: Co. Alpine State Calif

NW, SW Sec. 24 Twp. 10N R. 19E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5840 Quad. Markleeville

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 60° DISCHARGE 10-20 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 29° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE Nord STATIC HEAD \_\_\_\_\_

BUBBLING mild CO<sub>2</sub> SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole in ROCK DATA:

alluvium on Hillside above TYPE (SURFACE) ool

Pool COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE No MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR Pool

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR Resort Area

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible Fault or percolation through Fractures

PROPERTY OWNED BY State Parks System

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F 23424



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11205 Date 8/14 Time 1500

Name Double Cold Spring Location: Co. Douglas State Nev

NE, NW Sec. 26 Twp. 11N R. 21E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5920 Quad. Mt. Siegel

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 2 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING Minor CO<sub>2</sub> SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Grasses & Water Cross ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Spring on ROCK DATA:

Hillside East Highway TYPE (SURFACE) ool

COLOR \_\_\_\_\_

SALT:

TYPE No GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR IMMEDIATE AREA USED FOR - 0 -

QUANTITY \_\_\_\_\_ Historic Monument

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY State

PREVIOUS AND/OR CURRENT LEASES -

BV-R6-F 25



AIR TEMP \_\_\_\_\_  
 WIND \_\_\_\_\_  
 WIND DIR \_\_\_\_\_  
 WIND SPEED \_\_\_\_\_  
 WIND TYPE \_\_\_\_\_  
 WIND STATE \_\_\_\_\_  
 WIND METER \_\_\_\_\_  
 WIND METER TYPE \_\_\_\_\_  
 WIND METER MODEL \_\_\_\_\_  
 WIND METER SERIAL \_\_\_\_\_  
 WIND METER DATE \_\_\_\_\_  
 WIND METER TIME \_\_\_\_\_  
 WIND METER OPERATOR \_\_\_\_\_  
 WIND METER LOCATION \_\_\_\_\_  
 WIND METER ELEVATION \_\_\_\_\_  
 WIND METER DIRECTION \_\_\_\_\_  
 WIND METER RANGE \_\_\_\_\_  
 WIND METER SENSITIVITY \_\_\_\_\_  
 WIND METER CALIBRATION \_\_\_\_\_  
 WIND METER MAINTENANCE \_\_\_\_\_  
 WIND METER NOTES \_\_\_\_\_

BOCK BATAE  
 PATISHAN  
 TYPE OF DIVIN

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11206 Date 8/14 Time 1600

Name Doud Van Spimp Location: Co. Douglas State Nev.

SE, SW

Sec. 20 Twp. 11 N R. 21 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. - Long. - Elevation 5800 Quad. Mt Siegel

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 50-75 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 Grasses & water cress ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM In alluvium ROCK DATA:

at intersection of two valleys TYPE (SURFACE) ool

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE No \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY \_\_\_\_\_ 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-R6-F25

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REPORT OF FIELD WORK  
Name of Station \_\_\_\_\_  
Location of Station \_\_\_\_\_  
Date of Report \_\_\_\_\_  
Name of Reporter \_\_\_\_\_  
Name of Supervisor \_\_\_\_\_  
Title of Project \_\_\_\_\_  
Name of Institution \_\_\_\_\_  
Address of Institution \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
Country \_\_\_\_\_  
Name of Host \_\_\_\_\_  
Name of Guide \_\_\_\_\_  
Name of Interpreter \_\_\_\_\_  
Name of Driver \_\_\_\_\_  
Name of Cook \_\_\_\_\_  
Name of Porter \_\_\_\_\_  
Name of Assistant \_\_\_\_\_  
Name of Student \_\_\_\_\_  
Name of Observer \_\_\_\_\_  
Name of Photographer \_\_\_\_\_  
Name of Artist \_\_\_\_\_  
Name of Collector \_\_\_\_\_  
Name of Curator \_\_\_\_\_  
Name of Librarian \_\_\_\_\_  
Name of Archivist \_\_\_\_\_  
Name of Administrator \_\_\_\_\_  
Name of Director \_\_\_\_\_

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YEAR, EDWIN, BOOK



14

Name \_\_\_\_\_  
 Section \_\_\_\_\_  
 Date \_\_\_\_\_  
 Location \_\_\_\_\_  
 State \_\_\_\_\_  
 U.S. Geol. Surv. \_\_\_\_\_  
 Water Div. \_\_\_\_\_  
 Hydro. Div. \_\_\_\_\_  
 No. \_\_\_\_\_



Description \_\_\_\_\_  
 Water Temp. \_\_\_\_\_  
 Ground Temp. \_\_\_\_\_  
 Air Temp. \_\_\_\_\_  
 Wind \_\_\_\_\_  
 Clouds \_\_\_\_\_  
 Precip. \_\_\_\_\_  
 Bar. \_\_\_\_\_  
 Humidity \_\_\_\_\_  
 Direction \_\_\_\_\_  
 Force \_\_\_\_\_  
 Name \_\_\_\_\_  
 Title \_\_\_\_\_  
 Date \_\_\_\_\_  
 Locality \_\_\_\_\_  
 State \_\_\_\_\_  
 U.S. Geol. Surv. \_\_\_\_\_  
 Water Div. \_\_\_\_\_  
 Hydro. Div. \_\_\_\_\_  
 No. \_\_\_\_\_

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11208 Date 8/14 Time 1730

Name Wallays Hot Spr. Location: Co. Douglas State NeV

NW, NW

Sec. 22 Twp. 13N R. 19E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4680 Quad. Freel Peaks

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 60° DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 35° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE Strong Sulfur STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown & Green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Spring on ROCK DATA:

East Side of Road 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Resort (closed)

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Range Front Fault N-S

PROPERTY OWNED BY Wallays Spring

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW-R6-F28



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11209 Date 8/14/77 Time 1500

Name Sec 30 W.W. Location: Co. Dixon State Nevada

SWNE

Sec. 30 Twp. 13N R. 24E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4600 Quad. Wellington (15')

Sampler RBaker

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

DESCRIPTION:

WATER TEMP. °C 24°C DISCHARGE Electric 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 tube

VEGETATION 0 ARTESIAN HEAD yes.

FLUID ISSUES FROM well head 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 Electric pump

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES -

RBRAF 34



2 SAMPLES

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11210 Date 8/14/77 Time 1300  
W11211 (N)

Name Nevada H.S. Location: Co. Lyon State Nevada

SWSE

Sec. 16 Twp. 12N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4660 Quad. Wellington (15')

Sampler RBahes

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

DESCRIPTION:

WATER TEMP. °C 59°C DISCHARGE 500-1000 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE hard/bitter STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION lm algae / yellow algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM crack in quartz ROCK DATA:

pebble conglomerate rock at TYPE (SURFACE) Quartz pebble conglomerate

base of range COLOR light grey

SALT: GRAIN SIZE Large

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION silica

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 \_\_\_\_\_

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11212 Date 8/14/77 Time 1400  
 Name Sec 34 CAW Location: Co. Oyon State Nevada  
 Sec. 34 Twp. 13N R. 23E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4600 Quad. Wellington (15')  
 Sampler RBaker

SE NW

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

DESCRIPTION:

WATER TEMP. °C 18°C DISCHARGE 150-200 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 18"

FLUID COLOR 0 PUMP TYPE -

FLUID TASTE 0 STATIC HEAD -

BUBBLING 0 SCALING -

BOILING 0 TYPE OF PIPING steel tube

VEGETATION 0 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian head

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBRA F33





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11213 Date 8/19/77 Time 1200  
 Name Sec 36 EAW Location: Co. Lyon State Nevada  
 NW NW Sec. 36 Twp. 12N R. 23E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4750 Quad. Wellington (15)  
 Sampler RBak

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 5-7 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_

WELL DATA:

AIR TEMP. \_\_\_\_\_

DEPTH 1

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 pin grass

ARTESIAN HEAD yes

FLUID ISSUES FROM well head

ROCK DATA:

TYPE (SURFACE) Bas

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: 0 EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian head

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBRA F30



send analysis to: Bob Scholtz  
Box 131, Wellington, Nev. 89444

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11214 Date 8/14/77 Time 1130

Name Sec 35 CW Location: Co. Son State Nev.

NENE Sec. 35 Twp. 11 N R. 23 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4750 Quad. Wellington (15')

Sampler RRaker

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

DESCRIPTION:

WATER TEMP. °C 15c DISCHARGE Electric gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 200'

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 Domestic

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

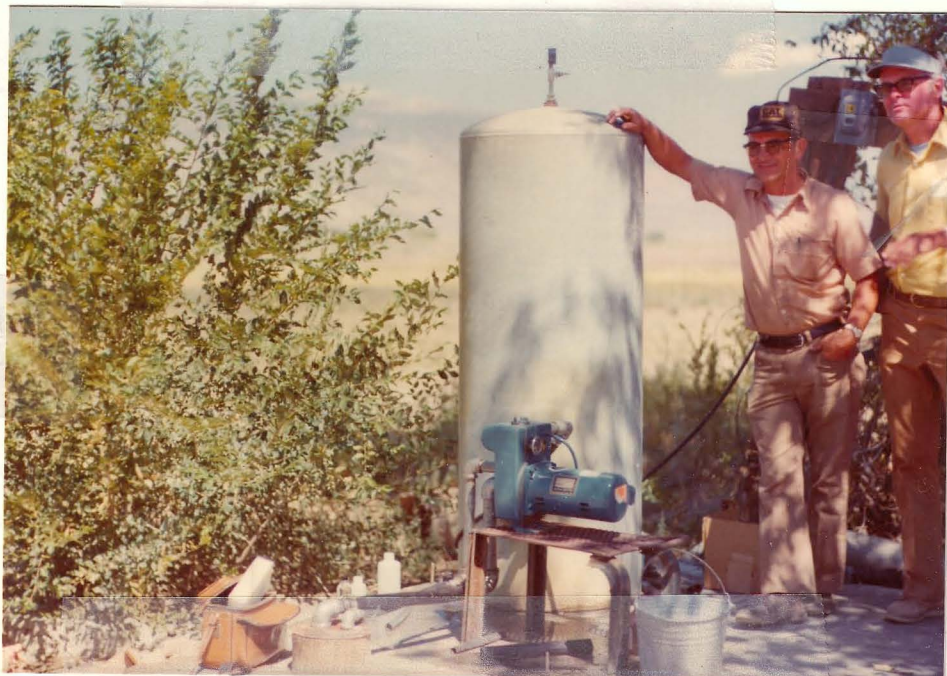
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric Pump

PROPERTY OWNED BY Bob Scholtz

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR4F29





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11215 Date 8/14 Time 1100

Name Hobo Hot Spring Location: Co. Douglas State Calif

Sec. 23 Twp. 13N R. 19E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4800 Quad. Canon City

Sampler \_\_\_\_\_ ATS

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

DESCRIPTION:

WATER TEMP. °C 44 DISCHARGE 50 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 \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR brn

GRAIN SIZE mg

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Sault

PROPERTY OWNED BY Bum

PREVIOUS AND/OR CURRENT LEASES ?

FD R7F14



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11016 Date 8/14 Time 1330

Name Canon H.S. Location: Co. Darby State Neu

Sec. 5 Twp. 15N R. 20E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4840 Quad. Earson City

Sampler ITS

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

DESCRIPTION:

WATER TEMP. °C 47.5°C DISCHARGE 100 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 \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Gal ROCK DATA:

TYPE (SURFACE) Gal

COLOR brn

SALT:

TYPE \_\_\_\_\_ GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS ng

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION \_\_\_\_\_

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

FDR7F17





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11217 Date 8/14 Time 1300  
 Name HS MT. Hot Spring Location: Co. Douglas State Neu  
 Sec. 21 Twp. 13N R. 19E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4760 Quad. Dayton  
 Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C 51 DISCHARGE 1500 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 31 DEPTH \_\_\_\_\_

ODOR none BORE \_\_\_\_\_

FLUID COLOR \_\_\_\_\_ PUMP TYPE \_\_\_\_\_

FLUID TASTE slightly mineral STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT:

TYPE CaCO<sub>3</sub> GRAIN SIZE \_\_\_\_\_

QUANTITY v. minor MEGASCOPIC MINERALS mg → cg.

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 Fault

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11218 Date 2/14 Time 1400

Name State Prison H.S. Location: Co. Dorsey State New

Sec. 16 Twp. 15N R. 20E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4600 Quad. Dayton

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C 39.5 DISCHARGE 10- 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 \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Sal ROCK DATA:

TYPE (SURFACE) Sal

COLOR brn

GRAIN SIZE mg

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Fault

PROPERTY OWNED BY Govt

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

9

Spring No. \_\_\_\_\_ Sample No. W11219 Date 8/15/77 Time 1515  
 Name Fulstone W.S. Location: Co. Jungles State Nevada  
 Sec. - Twp. 14N R. 24E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5480 Quad. Como, Nev (15')  
 Sampler Rebahe  
 Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 24°c DISCHARGE 45 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE sweetish STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION grm grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole on ROCK DATA:

pediment TYPE (SURFACE) Qal

\_\_\_\_\_ COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR Nothing

FORM \_\_\_\_\_ Mining

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBRA F37 (Not printed)

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11220 Date 8/15/77 Time 1400

Name Sec 32 W.S. Location: Co. Douglas State New.

SESE

Sec. 32 Twp. 13N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5320 Quad. Wellington (15')

Sampler R Baker

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

DESCRIPTION:

WATER TEMP. °C 20°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 on grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole on ROCK DATA:

canyon floor TYPE (SURFACE) Bas

\_\_\_\_\_ 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 \_\_\_\_\_

RR R4 F36 (Not printed)

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11221 Date 8/13/77 Time 1100  
 Name Sec 7 C.S. Location: Co. Cyon State Nevada  
 NWSE  
 Sec. 7 Twp. 15N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6820 Quad. Crmo (15)  
 Sampler R. Baker  
 Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13°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 2m algae/green ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM crack in sandstone ROCK DATA:

on side of canyon wall TYPE (SURFACE) Sandstone

COLOR Pink

GRAIN SIZE small

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR \_\_\_\_\_

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 \_\_\_\_\_

RBRAF35



STATE OF CALIFORNIA  
COUNTY OF LOS ANGELES  
DIVISION OF WATER RESOURCES  
OFFICE OF THE WATER ENGINEER  
100 SOUTH MAIN STREET, SUITE 100  
LOS ANGELES, CALIFORNIA 90012  
TELEPHONE (213) 221-1111  
FAX (213) 221-1112

DATE: \_\_\_\_\_  
TIME: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
OPERATOR: \_\_\_\_\_  
METER NO.: \_\_\_\_\_  
METER TYPE: \_\_\_\_\_  
METER SIZE: \_\_\_\_\_  
METER BRAND: \_\_\_\_\_  
METER MODEL: \_\_\_\_\_  
METER SERIAL: \_\_\_\_\_  
METER MAKE: \_\_\_\_\_  
METER YEAR: \_\_\_\_\_  
METER CONDITION: \_\_\_\_\_  
METER READING: \_\_\_\_\_  
METER UNIT: \_\_\_\_\_  
METER TYPE: \_\_\_\_\_  
METER SIZE: \_\_\_\_\_  
METER BRAND: \_\_\_\_\_  
METER MODEL: \_\_\_\_\_  
METER SERIAL: \_\_\_\_\_  
METER MAKE: \_\_\_\_\_  
METER YEAR: \_\_\_\_\_  
METER CONDITION: \_\_\_\_\_  
METER READING: \_\_\_\_\_  
METER UNIT: \_\_\_\_\_



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11222 Date 8/15/77 Time 1630

Name Sec 12 WW Location: Co. Lyon State Nev.

Sec. 12 Twp. 11N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4830 Quad. Wellington (15')

Sampler Boher

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

DESCRIPTION:

WATER TEMP. °C 29°c (Sample from tank may be partially solar heated) 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 MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR IMMEDIATE AREA USED FOR Domestic Ranching

QUANTITY \_\_\_\_\_

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. W11224 Date 8/15 Time 1430

Name SESE 19 CS Location: Co. Washoe State Nev

SESE Sec. 19 Twp. 24N R. 20E; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4880 Quad. Dogskin 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 17 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 grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM deep 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 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 BLM?

PREVIOUS AND/OR CURRENT LEASES? \_\_\_\_\_

DM R4 F7

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11223 Date 8/15 Time 1045

Name NW NW 26, CS Location: Co. Washoe State Nev.

NW NW Sec. 26 Twp. 23N R. 18E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5050 Quad. Dogskin 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 13 DISCHARGE 20 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, clover ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM bank on W side of ROCK DATA:

road TYPE (SURFACE) Gal?

\_\_\_\_\_ COLOR \_\_\_\_\_

SALT: \_\_\_\_\_ GRAIN SIZE \_\_\_\_\_

TYPE no MEGASCOPIIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: \_\_\_\_\_ RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F3



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11224 Date 8/15 Time 1430

Name SESE 19 CS Location: Co. Washoe State Nev

SESE Sec. 19 Twp. 24N R. 20E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4880 Quad. Dogskin 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 17 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 grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM deep 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 natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F7



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11225 Date 8/15 Time 1130  
 Name Harvey's 105 Location: Co. Washoe State Nev.  
 NWNE Sec. 8 Twp. 23N R. 18E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4750 Quad. Dogskin 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	<u>18</u>	DISCHARGE	<u>15</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>-</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	_____
FLUID TASTE	<u>-</u>	STATIC HEAD	_____
BUBBLING	<u>-</u>	SCALING	_____
BOILING	<u>-</u>	TYPE OF PIPING	_____
VEGETATION	<u>grass</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>end of ridge</u>	ROCK DATA:	

TYPE (SURFACE)	<u>granite</u>
COLOR	<u>white</u>
GRAIN SIZE	<u>medium</u>
MEGASCOPIC MINERALS	<u>mica, quartz</u>

SALT:

TYPE	<u>no</u>
QUANTITY	_____
COLOR	_____
FORM	_____

SINTER:

TYPE	<u>no</u>	RX TYPE (AT DEPTH)	_____
QUANTITY	_____	WATER USED FOR IMMEDIATE AREA USED FOR	<u>animals</u>
COLOR	_____		_____
FORM	_____	QUALITY OF SAMPLE: EXC., <u>GOOD</u> , POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow  
 PROPERTY OWNED BY Rancho Haven  
 PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F4



THE BUREAU OF LAND MANAGEMENT  
U.S. DEPARTMENT OF THE INTERIOR  
WASHINGTON, D.C. 20250

REPORT OF FIELD SURVEY

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

LOCATION: \_\_\_\_\_

OBJECTIVE: \_\_\_\_\_

RESULTS: \_\_\_\_\_

CONCLUSIONS: \_\_\_\_\_

RECOMMENDATIONS: \_\_\_\_\_

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11226 Date 8/15 Time 1400

Name Lower Wildcat US Location: Co. Washoe State Nev

NE NW Sec. 5 Twp. 24N R. 19E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5040 Quad. Dogskin Mon. 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 25 ★ DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP.	<u>32</u>	DEPTH	_____
ODOR	<u>-</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	_____
FLUID TASTE	<u>-</u>	STATIC HEAD	_____
BUBBLING	<u>-</u>	SCALING	_____
BOILING	<u>-</u>	TYPE OF PIPING	_____
VEGETATION	<u>-</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal  
COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_  
QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

TYPE no RX TYPE (AT DEPTH) \_\_\_\_\_  
QUANTITY \_\_\_\_\_ WATER USED FOR 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 R4 F6 Solar heated



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11227 Date 8/15 Time 1015

Name Bird CS Location: Co. Washoe State Nev.

SWSW Sec. 6 Twp. 22N R. 19E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5650 Quad. Dogskin Mtn.

Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C 16 DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR - 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 MEGASCOPIC MINERALS \_\_\_\_\_  
TYPE no

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 R4 F1

NO. 1 1954

Project No. \_\_\_\_\_  
Location \_\_\_\_\_  
Date \_\_\_\_\_

TIME	TEMPERATURE	WIND DIRECTION	WIND VELOCITY	RELATIVE HUMIDITY	WEATHER	REMARKS
0600						
0700						
0800						
0900						
1000						
1100						
1200						
1300						
1400						
1500						
1600						
1700						
1800						
1900						
2000						
2100						
2200						
2300						
2400						



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11228 Date 8/15 Time 1215

Name Ronner CW Location: Co. Washoe State Nev

NW Sec. 11 Twp. 23N R. 18E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4720 Quad. Dogskin 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 30 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. \_\_\_\_\_ DEPTH ?

ODOR - BORE 1 1/2'

FLUID COLOR - PUMP TYPE -

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING no

BOILING - TYPE OF PIPING steel

VEGETATION brown algae ARTESIAN HEAD yes

FLUID ISSUES FROM pipe ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUANTITY \_\_\_\_\_ ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F5



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11229 Date 8/15 Time 1600

Name Willow Cold Spring Location: Co. Stevenson State New

SE NE

Sec. 14 Twp. 22N R. 20E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4640 Quad. Sutcliffe

Sampler Burke Wilkins

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. 36° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Pipe in spring ROCK DATA:

.8 mi. west of county TYPE (SURFACE) oal

Road COLOR \_\_\_\_\_

SALT:

TYPE No GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY \_\_\_\_\_ 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-R6-F37





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11230 Date 8/15 Time 1315

Name S.W. 23 Warm Spring Location: Co. Wasco State New

SW, SW Sec. 23 Twp. 23N R. 20E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4240 Quad. Sutcliffe

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 29° Partial solar Heating DISCHARGE 41 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 36° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Smokey PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION None ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Spring in ROCK DATA:

valley floor on TYPE (SURFACE) oal

East side Road Below COLOR \_\_\_\_\_

canals

SALT: GRAIN SIZE \_\_\_\_\_

TYPE No MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR Cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR Grazing

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION N-S Fault Zone,

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES L

BW-R6-F35

2

DATE: 10/10/88  
TIME: 10:00 AM  
LOCATION: 6000 FT. STATE  
SITE: 30-1-1-100  
ELEVATION: 6000 FT.  
WIND: 10-15 MPH  
TEMP: 65 F  
HUMIDITY: 40%  
PRESS: 10.5 IN. HG  
VIS: 10+ MI  
CLOUDS: 0-10%  
MOON: 1/2  
STAR: 4.0



2

CONTINUED  
ELEVATION: 6000 FT.  
WIND: 10-15 MPH  
TEMP: 65 F  
HUMIDITY: 40%  
PRESS: 10.5 IN. HG  
VIS: 10+ MI  
CLOUDS: 0-10%  
MOON: 1/2  
STAR: 4.0

Send Results To address  
on Back

V

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11231 Date 8/15 Time 1500

Name SE 35 Well Location: Co. Washoe State Nev.

5 1/2 SE Sec. 35 Twp. 23N R. 20E ; km/mi — of —

Lat. — Long. — Elevation 4360 Quad. Sutcliffe

Sampler Bruce Williams

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

DESCRIPTION:

WATER TEMP. °C ? Sample from storage Tank DISCHARGE ? gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 36 DEPTH 120'

ODOR None BORE 6"

FLUID COLOR Clear PUMP TYPE Electric?

FLUID TASTE None STATIC HEAD 40'

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD —

FLUID ISSUES FROM Well at Trailer ROCK DATA:

House TYPE (SURFACE) ool

COLOR \_\_\_\_\_

SALT:

TYPE None GRAIN SIZE MEGASCOPIIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR Residential

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR New Farm

COLOR \_\_\_\_\_ Development

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well & Pump

PROPERTY OWNED BY Acil Minor

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F36

Cecil Minor

695 Kleppe Lane  
Sparks Nev. Space 49



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11232 Date 8/15 Time 1200

Name Trans Sierra Water Service Well Location: Co. Storey State Nev.

sw, SE Sec. 27 Twp. 18N R. 20E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Virginia City

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° Pipe from water system DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Smoky PUMP TYPE ?

FLUID TASTE Hard STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION None ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Residence on ROCK DATA:

Trans Sierra water system TYPE (SURFACE) ool

Trans Sierra Wells on Mita Loma Rd. COLOR \_\_\_\_\_

SALT: NW of where sample was taken. GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR Residential

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Subdivision

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well supplying Subdivision

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BV-R6-F34

Note on Back

Water Supplying Subdivision Has High concentration  
of Arsenic & other minerals. Home owners advised  
not to use water for drinking or cooking.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11233 Date 8/15 Time 1030

Name Nw. 3 Warm Well Location: Co. Storey State Nev

NW, NW

Sec. 3 Twp. 17N R. 20E; km/mi — of —

Lat. — Long. — Elevation 4680 Quad. Virginia City

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 100 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 30° DEPTH —

ODOR None BORE 8"

FLUID COLOR Clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD —

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD —

FLUID ISSUES FROM Well on ROCK DATA:

N. side County TYPE (SURFACE) Oil

Road COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE No MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Steamboat Springs Spa

PREVIOUS AND/OR CURRENT LEASES —

Box - No Picture



Rock  
Sample ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11234 Date 8/15 Time 1000

Name 28 Hot Springs Location: Co. Storey State Nev

SE, SW Sec. 28 Twp. 18N R. 20E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. — Long. — Elevation 456 Quad. Virginia City

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 95° DISCHARGE 10-15 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 37° DEPTH \_\_\_\_\_

ODOR Mild H<sub>2</sub>S BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE NaCl & Sulfurous STATIC HEAD \_\_\_\_\_

BUBBLING Yes moderate SCALING \_\_\_\_\_

BOILING Yes TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Springs ROCK DATA:

in N-S Fissures TYPE (SURFACE) SiO<sub>2</sub> & CaCO<sub>3</sub>

on West Side Highway COLOR Gray to white

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE NaCl

QUANTITY Minor

COLOR white

FORM Amorphous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE SiO<sub>2</sub> & CaCO<sub>3</sub> WATER USED FOR IMMEDIATE AREA USED FOR — 0 —

QUANTITY Moderate — 0 —

COLOR Grey to white

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

PROBABLE CAUSE OF MANIFESTATION N-S Fault System

PROPERTY OWNED BY Steamboat Springs Spa

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW-R6-F31-32-33

Note  
on Back

One geyser erupting in the farthest east  
N-S Fissure, Many Fumeroles within the  
3-4 N-S. Fissures

Fissures on a bank formed by CaCO<sub>3</sub> & Si-Sinter  
on West side of Highway

Two old Test wells capped off within  
the area



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11235 Date 8/15 Time 900

Name Steamboat Springs Hot Well Location: Co. Stoney State Nev

NW, SE Sec. 33 Twp. 18N R. 20E ; km/mi - of -

Lat. - Long. - Elevation 4600 Quad. Virginia City

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	<u>61<sup>o</sup> taken from pipe below well</u>	DISCHARGE	<u>50-75</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>24<sup>o</sup></u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>10"</u>
FLUID COLOR	<u>clear</u>	PUMP TYPE	<u>None</u>
FLUID TASTE	<u>NaCl &amp; Sulfurous</u>	STATIC HEAD	<u>-</u>
BUBBLING	<u>Yes</u>	SCALING	<u>Salt NaCl, algae, CaCO<sub>3</sub></u>
BOILING	<u>Yes</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>Green &amp; Brown algae</u>	ARTESIAN HEAD	<u>Steam Pressure</u>
FLUID ISSUES FROM	<u>Well above</u>	ROCK DATA:	
	<u>Health Spa</u>	TYPE (SURFACE)	<u>CaCO<sub>3</sub></u>
		COLOR	<u>White</u>

SALT:

TYPE	<u>NaCl</u>	GRAIN SIZE MEGASCOPIC MINERALS	<u>-</u>
QUANTITY	<u>Minor</u>		
COLOR	<u>White</u>		
FORM	<u>Anorphous</u>	ALTERATION	<u>-</u>

SINTER:

		RX TYPE (AT DEPTH)	<u>-</u>
TYPE	<u>CaCO<sub>3</sub></u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>Health Spa</u>
QUANTITY	<u>Minor from well</u>		<u>Resort</u>
COLOR	<u>White</u>		
FORM	<u>Anorphous</u>	QUALITY OF SAMPLE: <u>EXC.</u> , GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Well tapping Steam in Fault Zone

PROPERTY OWNED BY Steamboat Springs Spa

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F29



Rock ✓  
Sample

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11236 Date 8/15 Time 930

Name Steamboat Hot Springs Location: Co. Storey State Nev

SW, NE

Sec. 39 Twp. 18N R. 20E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4600 Quad. Virginia City

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 91° DISCHARGE 10-15 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 35° DEPTH \_\_\_\_\_

ODOR Mild H<sub>2</sub>S BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE NaCl, & Sulphurous STATIC HEAD \_\_\_\_\_

BUBBLING Yes SCALING \_\_\_\_\_

BOILING Yes TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Springs on ROCK DATA:

E. Side of Highway TYPE (SURFACE) CaCO<sub>3</sub>

COLOR White

SALT:

TYPE NaCl GRAIN SIZE \_\_\_\_\_

QUANTITY Moderate MEGASCOPIC \_\_\_\_\_

COLOR White MINERALS \_\_\_\_\_

FORM amorphous ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR \_\_\_\_\_

QUANTITY Extensive IMMEDIATE AREA \_\_\_\_\_

COLOR Grey to White USED FOR Resort

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

PROBABLE CAUSE OF MANIFESTATION N-S Range Fault

PROPERTY OWNED BY Steamboat Springs Spa

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F30



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11237 Date 8/16 Time 1530  
 Name Treya Ranch Hot Well No. 1 Location: Co. Pershing State Nev.  
 Sec. — Twp. 33N R. 25E ; 2 km(m) West of Treya  
 Lat. — Long. — Elevation 4000 Quad. Loveock AMS  
 Sampler Bruce Williams

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

DESCRIPTION:

WATER TEMP. °C	<u>40°</u>	DISCHARGE	<u>15-20</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>36°</u>	DEPTH	<u>55'</u>
ODOR	<u>None</u>	BORE	<u>—</u>
FLUID COLOR	<u>clear</u>	PUMP TYPE	<u>None</u>
FLUID TASTE	<u>High Sulfur</u>	STATIC HEAD	<u>Flowing</u>
BUBBLING	<u>No</u>	SCALING	<u>—</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>white algae</u>	ARTESIAN HEAD	<u>Flowing</u>
FLUID ISSUES FROM	<u>Well NE of</u>	ROCK DATA:	
	<u>Trailer House</u>	TYPE (SURFACE)	<u>Basalt</u>
		COLOR	

SALT:

TYPE	<u>No</u>	GRAIN SIZE MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	

SINTER:

TYPE	<u>No</u>	RX TYPE (AT DEPTH)	
QUANTITY		WATER USED FOR IMMEDIATE AREA USED FOR	<u>Wildlife</u>
COLOR			<u>Game Bird Farm</u>
FORM		QUALITY OF SAMPLE: <u>EXC</u> , GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION artesian Well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES —

BW-R2-F4





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11238 Date 8/16 Time 1630  
 Name Trego Ranch Hot Well #2 Location: Co. Persh. State Nev.  
 Sec. — Twp. 33N R. 25E ; 2.01 km(mi) West of Trego  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. AMS Lovelock  
 Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C	<u>38°</u>	DISCHARGE	<u>20-30</u> <u>gpm/lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	<u>31</u>	DEPTH	<u>70'</u>
ODOR	<u>S<sub>2</sub></u>	BORE	<u>2 6"</u>
FLUID COLOR	<u>clear</u>	PUMP TYPE	<u>—</u>
FLUID TASTE	<u>sulfur</u>	STATIC HEAD	<u>flowing</u>
BUBBLING	<u>no</u>	SCALING	<u>none</u>
BOILING	<u> </u>	TYPE OF PIPING	<u>steel</u>
VEGETATION	<u> </u>	ARTESIAN HEAD	<u>flowing</u>
FLUID ISSUES FROM	<u>art well</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>Gal</u>
		COLOR	<u>brn</u>

SALT:

TYPE	_____	GRAIN SIZE MEGASCOPIC MINERALS	<u>mg</u>
QUANTITY	_____		
COLOR	_____		
FORM	_____	ALTERATION	<u>none</u>

SINTER:

		RX TYPE (AT DEPTH)	
TYPE	_____	WATER USED FOR IMMEDIATE AREA USED FOR	<u>stock</u>
QUANTITY	_____		
COLOR	_____		
FORM	_____	QUALITY OF SAMPLE: <u>EXC.</u> , GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION art. well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

BW-R7-FS



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11239 Date 8/16 Time 1630  
 Name Trego Ranch Cold Well Location: Co. Pendix State Nev.  
 Sec. — Twp. 33N R. 25E; 3.2 km/mi SW. of Trego  
 Lat. — Long. — Elevation 4000 Quad. LoveLock AMS  
 Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	<u>12°</u>	DISCHARGE	<u>20</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>37°</u>	DEPTH	<u>—</u>
ODOR	<u>None</u>	BORE	<u>6"</u>
FLUID COLOR	<u>Clear</u>	PUMP TYPE	<u>None</u>
FLUID TASTE	<u>High Sulfur</u>	STATIC HEAD	<u>Flowing</u>
BUBBLING	<u>No</u>	SCALING	<u>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>Flowing</u>
FLUID ISSUES FROM	<u>Well 1 mile S.W. of Trailer House</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>ool</u>
		COLOR	

SALT:

TYPE No  
 QUANTITY \_\_\_\_\_  
 COLOR \_\_\_\_\_  
 FORM \_\_\_\_\_

GRAIN SIZE  
 MEGASCOPIC  
 MINERALS

ALTERATION

SINTER:

TYPE No  
 QUANTITY \_\_\_\_\_  
 COLOR \_\_\_\_\_  
 FORM \_\_\_\_\_

RX TYPE (AT DEPTH)

WATER USED FOR  
 IMMEDIATE AREA  
 USED FOR

Wildlife  
Game Bird Farm

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian Well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW-R2-F5+7



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11240 Date 8/16 Time 1600  
 Name Trego Ranch Well 3 Location: Co. Pending State Nev.  
 Sec. - Twp. 33N R. 25E ; 2.2 km(mi) West of Trego  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Loveock AMS  
 Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	<u>33°</u>	DISCHARGE	<u>50</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>36°</u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>4"</u>
FLUID COLOR	<u>clear</u>	PUMP TYPE	<u>None</u>
FLUID TASTE	<u>Very High Sulfur</u>	STATIC HEAD	<u>Flowing</u>
BUBBLING	<u>No</u>	SCALING	<u>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>Flowing</u>
FLUID ISSUES FROM	<u>Well 2 mi</u>	ROCK DATA:	
	<u>South West Trailer</u>	TYPE (SURFACE)	<u>Sal</u>
	<u>House</u>	COLOR	
SALT:		GRAIN SIZE	
TYPE	<u>No</u>	MEGASCOPIC	
QUANTITY		MINERALS	
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	<u>No</u>	WATER USED FOR	<u>wildlife</u>
QUANTITY		IMMEDIATE AREA	
COLOR		USED FOR	<u>Game Bird Farm</u>
FORM		QUALITY OF SAMPLE:	<u>EXC.</u> , GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES -

No Picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. \_\_\_\_\_ Sample No. W11241 Date 8/16 Time 1400  
 Name Great Boiling Hot Spring Location: Co. Persh State Nev  
 Sec. 15 Twp. 31N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3960' Quad. Gerlach  
 Sampler MTS

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

DESCRIPTION:

WATER TEMP. °C	<u>92</u>	DISCHARGE	<u>500</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	<u>34</u>	DEPTH	_____
ODOR	<u>no</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	_____
FLUID TASTE	<u>slightly mineral</u>	STATIC HEAD	_____
BUBBLING	<u>no</u>	SCALING	_____
BOILING	<u>no</u>	TYPE OF PIPING	_____
VEGETATION	<u>no</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>travertine</u>	ROCK DATA:	

		TYPE (SURFACE)	<u>travertine/gal</u>
		COLOR	<u>beige-white</u>

SALT:

TYPE	_____	GRAIN SIZE	_____
QUANTITY	_____	MEGASCOPIC	_____
COLOR	_____	MINERALS	<u>mg</u>
FORM	_____	ALTERATION	_____

SINTER:

TYPE	<u>Trav.</u>	RX TYPE (AT DEPTH)	_____
QUANTITY	<u>minor</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>summing</u>
COLOR	<u>white</u>		_____
FORM	<u>amorphous</u>	QUALITY OF SAMPLE: <u>EXC.</u> , GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION fault  
 PROPERTY OWNED BY BEM  
 PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW R7F9

Sampled



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11242 Date 2/16 Time 1700

Name Trego Hot Spring Location: Co. Pershing State Nev

Sec. \_\_\_\_\_ Twp. 33N R. 25E ; 2.2 km(mi) East of Trego

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3950' Quad. Lowlock AMS

Sampler A.T.S

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

DESCRIPTION:

WATER TEMP. °C 85 DISCHARGE 50-75 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 36 DEPTH \_\_\_\_\_

ODOR minor S<sub>2</sub> BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE minor S<sub>2</sub>, Na STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION no ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM travertine ROCK DATA:

TYPE (SURFACE) travertine / dol

COLOR white -> brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE travertine WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUANTITY minor

COLOR white

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

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BEM

PREVIOUS AND/OR CURRENT LEASES ?

BW R7 F8

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11243 Date 8/17 Time 1100

Name Gerlach Geyser Location: Co. Washoe State Nev

Sec. \_\_\_\_\_ Twp. 34N R. 23E ; 19 km(mi) North of Gerlach

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4010 Quad. Lone Lake AMS

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C 88°C DISCHARGE 50-100 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32 DEPTH \_\_\_\_\_

ODOR minor S<sub>2</sub> BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE sulfur/mineral STATIC HEAD \_\_\_\_\_

BUBBLING yes SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION - ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM travertine → ROCK DATA:

geyser TYPE (SURFACE) travertine/sal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS fg → mg

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE travertine WATER USED FOR IMMEDIATE AREA cattle

QUANTITY major USED FOR \_\_\_\_\_

COLOR white

FORM amorphous QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Sulfur

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

JS R9 F18-20



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11244 Date 8/17 Time 1200

Name Sec 26 Cold Well Location: Co. Washoe State Nev.

Sec. 26 Twp. 33N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3960 Quad. Gerlach

Sampler NTS

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

DESCRIPTION:

WATER TEMP. °C 16 DISCHARGE 300-400 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 29 DEPTH \_\_\_\_\_

ODOR S<sub>2</sub> BORE 2-10"

FLUID COLOR clear PUMP TYPE elec. grid electric

FLUID TASTE sulfur 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 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 ?

55 R9 F25

THE STATE OF CALIFORNIA  
COUNTY OF ...  
I, the undersigned, a Notary Public in and for the State of California, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in my records.

Witness my hand and seal this ... day of ... 19...  
Notary Public in and for the State of California



EX-1000-1988

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11245 Date 8/12 Time 1300

Name NWSE 3 Cor Spring Location: Co. Washoe State Nev

Sec. 3 Twp. 32N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3980 Quad. Gerlach

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 0.25-0.5 gpm/lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30 DEPTH \_\_\_\_\_

ODOR none BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE NaCl, SO<sub>4</sub> STATIC HEAD \_\_\_\_\_

BUBBLING - SCALING \_\_\_\_\_

BOILING - TYPE OF PIPING \_\_\_\_\_

VEGETATION burn areas, grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Red ROCK DATA:

TYPE (SURFACE) Red

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS fg → mg

SALT:

TYPE \_\_\_\_\_

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 q.w. seepage

PROPERTY OWNED BY Bern

PREVIOUS AND/OR CURRENT LEASES P



sampled



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11246 Date 8/17 Time 1130

Name Northern Geolach Geysa Location: Co. Washoe State \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. 34N R. 23E ; 19 km/mi North of Geolach

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4010 Quad. Lovelock AMS

Sampler GTS

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

DESCRIPTION:

WATER TEMP. °C 92 DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32 DEPTH \_\_\_\_\_

ODOR S<sub>2</sub> BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE mineral/sulfur STATIC HEAD \_\_\_\_\_

BUBBLING yes SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION none ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM travertine ROCK DATA:

TYPE (SURFACE) travertine / cal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS ng -> fg

SALT:

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE travertine WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUANTITY major

COLOR white

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

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?





SAME AS W10997

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11247 Date 8-17-77 Time 11:00

Name Desert Peak C.S. Location: Co. Chud. State Mon.

**NE** Sec. ~~35~~ 25 Twp. 22N R. 26E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4070 Quad. Two Steps

Sampler J. DeLucca

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

DESCRIPTION:

WATER TEMP. °C 18°C DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE Salt STATIC HEAD \_\_\_\_\_

BUBBLING Very minor SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM \_\_\_\_\_ ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: \_\_\_\_\_ GRAIN SIZE \_\_\_\_\_

TYPE NaCl MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY minor

COLOR white

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 leakage from geo res.

PROPERTY OWNED BY Blom

PREVIOUS AND/OR CURRENT LEASES Lease to Phillips

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11248 Date 8/16 Time 1745

Name Goose CS Location: Co. Darling State Nev.

Sec. \_\_\_\_\_ Twp. 26N R. 24E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3779 Quad. Toiyahum NW 7 1/2

Sampler Dallan Mesteron

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

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 40 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR - BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE salty; minor sulphur? STATIC HEAD \_\_\_\_\_

BUBBLING - SCALING \_\_\_\_\_

BOILING - TYPE OF PIPING \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM bank of ROCK DATA:

Minnerucca Lake (dry) TYPE (SURFACE) Cal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE NaCl MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY major

COLOR white

FORM amorphous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ 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 R4 F10



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11249 Date 8/17 Time 1515  
 Name Soldier Meadow - HS #1 Location: Co. Humboldt State Nev.  
 Sec. \_\_\_\_\_ Twp. 40N R. 24E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4550 Quad. Vya AMS  
 Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C	<u>52</u>	DISCHARGE	<u>50</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>-</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	_____
FLUID TASTE	<u>-</u>	STATIC HEAD	_____
BUBBLING	<u>yes</u>	SCALING	_____
BOILING	<u>-</u>	TYPE OF PIPING	_____
VEGETATION	<u>brown algae</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>sinkhole in valley alluvium</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>basalt?</u>
		COLOR	_____

SALT:

TYPE	<u>no</u>	GRAIN SIZE MEGASCOPIC MINERALS	_____
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	ALTERATION	_____

SINTER:

TYPE	<u>no</u>	RX TYPE (AT DEPTH)	_____
QUANTITY	_____	WATER USED FOR IMMEDIATE AREA USED FOR	<u>-</u>
COLOR	_____		_____
FORM	_____	QUALITY OF SAMPLE: (EXC), GOOD, POOR	_____

PROBABLE CAUSE OF MANIFESTATION possible fault  
 PROPERTY OWNED BY BLM?  
 PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F14



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11250 Date 8/17 Time 1530  
 Name Soldier Meadow Hot Spr. #2 Location: Co. Hubbald State Nev.  
 Sec. — Twp. 40N R. 24E ; — km/mi — of —  
 Lat. — Long. — Elevation 4500 Quad. Vya AMS  
 Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 50° DISCHARGE 50 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 None SCALING \_\_\_\_\_  
 BOILING No TYPE OF PIPING \_\_\_\_\_  
 VEGETATION Brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Sinkhole ROCK DATA:  
in valley alluvium TYPE (SURFACE) Gal  
 COLOR \_\_\_\_\_

SALT: TYPE NaCl GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_  
 QUANTITY Minor \_\_\_\_\_  
 COLOR White \_\_\_\_\_  
 FORM Amorphous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
 TYPE None WATER USED FOR IMMEDIATE AREA -0-  
 QUANTITY \_\_\_\_\_ USED FOR -0-  
 COLOR \_\_\_\_\_  
 FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION N-5 Fault System  
 PROPERTY OWNED BY BLM  
 PREVIOUS AND/OR CURRENT LEASES —

BW-R7-F13





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11251 Date 8/16 Time 1645

Name Sevenmile WS Location: Co. Washoe State Nev.

NWSW Sec. 10 Twp. 25N R. 23E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4120 Quad. Dove Creek 7 1/2'

Sampler Dallan Masters

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

DESCRIPTION:

WATER TEMP. °C 21 DISCHARGE 3 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 36 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

ROCK DATA:

corral 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 RF FB





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11252 Date 8/17 Time 1315  
 Name 37N 25E SW Location: Co. Kimball State Nev.  
 Sec. \_\_\_\_\_ Twp. 37N R. 25E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Rya AMS  
 Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C	<u>16.5°</u>	DISCHARGE	<u>8</u> (gpm/Lpm)
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	<u>29°</u>	DEPTH	<u>?</u>
ODOR	<u>-</u>	BORE	<u>2"</u>
FLUID COLOR	<u>-</u>	PUMP TYPE	<u>-</u>
FLUID TASTE	<u>-</u>	STATIC HEAD	<u>flowing</u>
BUBBLING	<u>-</u>	SCALING	<u>no</u>
BOILING	<u>-</u>	TYPE OF PIPING	<u>steel</u>
VEGETATION	<u>-</u>	ARTESIAN HEAD	<u>yes</u>

FLUID ISSUES FROM	<u>pipe</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	_____

SALT:		GRAIN SIZE MEGASCOPIC MINERALS	_____
TYPE	<u>no</u>		_____
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	ALTERATION	_____

SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>no</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>cattle, hay ranching</u>
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	QUALITY OF SAMPLE: EXC, GOOD, POOR	_____

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow  
 PROPERTY OWNED BY ?  
 PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F12



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11253 Date 8/17 Time 1200

Name Ranch Warm Well Location: Co. Humboldt State Nev

Sec. - Twp. 36 N R. 25E ; 7 km(mi) South of Parnan Ranch

Lat. - Long. - Elevation 4000 Quad. Vyo am.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 18° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH -

ODOR None BORE 6"

FLUID COLOR Clear PUMP TYPE None

FLUID TASTE None STATIC HEAD Flowing

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Plastic PVC

VEGETATION None ARTESIAN HEAD Flowing

FLUID ISSUES FROM Artesian Well ROCK DATA:

Behind Ranch House TYPE (SURFACE) Sol

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 Flowing Artesian Well

PROPERTY OWNED BY Private?

PREVIOUS AND/OR CURRENT LEASES -

Bw-R7-F11



STATE OF ARIZONA  
DEPARTMENT OF AGRICULTURE  
OFFICE OF WATER RESOURCES  
WATER RIGHTS DIVISION  
PHOENIX, ARIZONA

PROJECT NO. \_\_\_\_\_  
WATER RIGHT NO. \_\_\_\_\_  
WATER RIGHT CLASSIFICATION \_\_\_\_\_  
WATER RIGHT QUANTITY \_\_\_\_\_  
WATER RIGHT TYPE \_\_\_\_\_  
WATER RIGHT DATE \_\_\_\_\_  
WATER RIGHT COUNTY \_\_\_\_\_  
WATER RIGHT STATE \_\_\_\_\_  
WATER RIGHT OWNER \_\_\_\_\_  
WATER RIGHT ADDRESS \_\_\_\_\_  
WATER RIGHT CITY \_\_\_\_\_  
WATER RIGHT STATE \_\_\_\_\_  
WATER RIGHT ZIP \_\_\_\_\_

PROJECT NAME \_\_\_\_\_  
PROJECT LOCATION \_\_\_\_\_  
PROJECT COUNTY \_\_\_\_\_  
PROJECT STATE \_\_\_\_\_  
PROJECT ZIP \_\_\_\_\_  
PROJECT OWNER \_\_\_\_\_  
PROJECT ADDRESS \_\_\_\_\_  
PROJECT CITY \_\_\_\_\_  
PROJECT STATE \_\_\_\_\_  
PROJECT ZIP \_\_\_\_\_

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11254 Date 8/17 Time 1500

Name Soldier Meadow Warm Spring Location: Co. Humboldt State Nev

Sec. — Twp. 40N R. 2SE ; 1.5 km(mi) S.W. of Soldier Meadow Ranch

Lat. — Long. — Elevation 4600 Quad. Vyo AMS

Sampler Burke Wilkins

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

DESCRIPTION:

WATER TEMP. °C 25° DISCHARGE 21 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 ROCK DATA:

Valley alluvium TYPE (SURFACE) sol

COLOR \_\_\_\_\_

SALT:

TYPE No GRAIN SIZE 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 Groundwater Seepage (Possible Fault)

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW R7-F12



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11255 Date 8/10 Time 1400  
 Name Panama Artesian Water Well Location: Co. Humboldt State Nev  
 Sec. — Twp. 37N R. 2SE ; .5 km(mi) South of T37N4T38N Line  
 Lat. — Long. — Elevation 4000 Quad. Vya AMS  
 Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	<u>32°</u>	DISCHARGE	<u>10</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>28°</u>	DEPTH	<u>—</u>
ODOR	<u>None</u>	BORE	<u>6"</u>
FLUID COLOR	<u>Clear</u>	PUMP TYPE	<u>None</u>
FLUID TASTE	<u>None</u>	STATIC HEAD	<u>Flowing</u>
BUBBLING	<u>No</u>	SCALING	<u>Algae</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>Brown Algae</u>	ARTESIAN HEAD	<u>Flowing</u>
FLUID ISSUES FROM	<u>Artesian Well</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>S&amp;S</u>
		COLOR	<u>—</u>
SALT:		GRAIN SIZE MEGASCOPIC MINERALS	<u>—</u>
TYPE	<u>No</u>		
QUANTITY	<u>—</u>		
COLOR	<u>—</u>		
FORM	<u>—</u>	ALTERATION	<u>—</u>
SINTER:		RX TYPE (AT DEPTH)	
TYPE	<u>No</u>	WATER USED FOR IMMEDIATE AREA	<u>Cattle</u>
QUANTITY	<u>—</u>	USED FOR	<u>Grazing</u>
COLOR	<u>—</u>		
FORM	<u>—</u>	QUALITY OF SAMPLE: (EXC.), GOOD, POOR	<u>(EXC.)</u>

PROBABLE CAUSE OF MANIFESTATION Artesian Well  
 PROPERTY OWNED BY BLM  
 PREVIOUS AND/OR CURRENT LEASES —

DM-R4-F13





Send Results to:

Mike Milliron  
P.O. Box 72  
Empire, Nevada

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11256 Date 8/17 Time 1630

Name NE 35 C&A well Location: Co. Washoe State Nev

Sec. 35 Twp. 30N R. 22E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4200 Quad. Rumia Peak

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 1000 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 27 DEPTH 200'

ODOR none BORE 16"

FLUID COLOR \_\_\_\_\_ PUMP TYPE electric aug.

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 beige

SALT:

TYPE \_\_\_\_\_ GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS mg

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION \_\_\_\_\_

PROPERTY OWNED BY private

PREVIOUS AND/OR CURRENT LEASES ?

Send Results →

Mike Milliron

P.O. Box 72

Empire Nev ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11257 Date 8/17 Time 1700

Name NE 13 Cold Well Location: Co. Wasatch State Nev.

Sec. 13 Twp. 30N R. 22E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4010 Quad. Kunnuo Peak

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 2000 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 28 DEPTH 250'

ODOR none BORE 16"

FLUID COLOR \_\_\_\_\_ PUMP TYPE electric ag.

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 MEGASCOPIC MINERALS mg

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR crops

QUANTITY \_\_\_\_\_

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. W11258 Date 8/17 Time 1230  
 Name Boring Cold Spring Location: Co. Washoe State Nev  
 Sec. 34 Twp. 28N R. 23E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4200 Quad. Kumova Peak  
 Sampler ATS  
 Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter,  
 travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>18</u>	DISCHARGE	<u>1-2</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	<u>28</u>	DEPTH	_____
ODOR	<u>none</u>	BORE	_____
FLUID COLOR		PUMP TYPE	_____
FLUID TASTE		STATIC HEAD	_____
BUBBLING		SCALING	_____
BOILING		TYPE OF PIPING	_____
VEGETATION	<u>algae</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>Gal</u>	ROCK DATA:	

		TYPE (SURFACE)	<u>Gal</u>
		COLOR	<u>brn</u>
		GRAIN SIZE MEGASCOPIC MINERALS	<u>mg</u>

SALT:

TYPE		ALTERATION	_____
QUANTITY			
COLOR			
FORM			

SINTER:

		RX TYPE (AT DEPTH)	_____
TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	<u>cattle</u>
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION g.w. seepage  
 PROPERTY OWNED BY Bern  
 PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11259 Date 2/18 Time 1300

Name NE 15 WS Location: Co. Washoe State Nev

Sec. 15 Twp. 27N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Tohokum Peak NW

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C 20°C DISCHARGE 10-15 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_

MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_

WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_

IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_

USED FOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seeping

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

JS R9 F32

DATE: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
TIME: \_\_\_\_\_  
OBSERVER: \_\_\_\_\_  
SPECIES: \_\_\_\_\_  
REMARKS: \_\_\_\_\_



DATE: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
TIME: \_\_\_\_\_  
OBSERVER: \_\_\_\_\_  
SPECIES: \_\_\_\_\_  
REMARKS: \_\_\_\_\_

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11260 Date 8/12 Time 1145

Name Schell Warm Spring Location: Co. Washoe State Nev.

Sec. 10 Twp. 27N R. 23E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4180 Quad. Toiyahum Peak NW

Sampler GTS

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

DESCRIPTION:

WATER TEMP. °C 22\* DISCHARGE 15 gpm/Lpm

GROUND TEMP. °C 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 \_\_\_\_\_

VEGETATION grass

ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM dal

ROCK DATA:

TYPE (SURFACE) dal

COLOR brn

GRAIN SIZE mg.

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_

WATER USED FOR cowde

QUANTITY \_\_\_\_\_

IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY REM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

JSR9 F30





sampled ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11261 Date 8/18 Time 1615  
Name King Lear Pk H.S. Location: Co. Washoe State Nev  
Sec. \_\_\_\_\_ Twp. 37N R. 30E ; 10 km/mi N. of S. J.plin  
Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4078 Quad. King Lear Pk  
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 20 gpm/Lpm  
GROUND TEMP. °C \_\_\_\_\_ WELL DATA:  
AIR TEMP. 30 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 travertine/sil ROCK DATA:  
TYPE (SURFACE) sil sinter / trav.  
COLOR white

SALT: GRAIN SIZE MEGASCOPIC MINERALS ng -> fg  
TYPE \_\_\_\_\_  
QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
TYPE sil. sinter / trav. WATER USED FOR IMMEDIATE AREA USED FOR no  
QUANTITY major  
COLOR white  
FORM amorphous QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault  
PROPERTY OWNED BY BLM  
PREVIOUS AND/OR CURRENT LEASES ?

JSR9F34





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W 11962 Date 2/18 Time 1530

Name Sulphur Warm Springs Location: Co. Humboldt State Nev.

Sec. \_\_\_\_\_ Twp. 34N R. \_\_\_\_\_ ; 1 km(mi) East of Sulphur, Nev.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4020 Quad. Landmark 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 10-15 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30 DEPTH \_\_\_\_\_

ODOR S<sub>2</sub> BORE \_\_\_\_\_

FLUID COLOR muddy white PUMP TYPE \_\_\_\_\_

FLUID TASTE S<sub>2</sub> STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION no ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT: TYPE \_\_\_\_\_ ALTERATION \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR cauld

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JSR9 F33

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11263 Date 2/18 Time 1030

Name NE 3 Warm Spring Location: Co. Wachoe State Neu

Sec. 3 Twp. 27N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4160 Quad. Tohakum Peak NW

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 5-10 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 MEGASCOPIC MINERALS mg

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11064 Date 8/18 Time 1245

Name SE10 Cold Spring Location: Co. Washoe State Nev

Sec. 10 Twp. 27N R. 23E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Tohokum Road NW

Sampler \_\_\_\_\_

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

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 2-5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 22

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

GRAIN SIZE mg.

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_

WATER USED FOR cauld

QUANTITY \_\_\_\_\_

IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BEM

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11265 Date 8/18 Time 1230

Name Nugent Cold Spring Location: Co. Washoe State Nev

Sec. 4 Twp. 26N R. 23E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4340 Quad. Toiyah National Monument

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 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 \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE mg

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR cow

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 \_\_\_\_\_

JSR9731





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11266 Date 8/18 Time 900

Name DA140 Location: Co. Washoe State Nev

Sec. 15 Twp. 32 N R. 23 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3920 Quad. Gelach

Sampler ATS

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

DESCRIPTION:

WATER TEMP. °C 21 DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. 20 DEPTH ?

ODOR S2 BORE 1"

FLUID COLOR clear PUMP TYPE -

FLUID TASTE S2 STATIC HEAD -

BUBBLING | SCALING -

BOILING | TYPE OF PIPING gal. steel

VEGETATION algae ARTESIAN HEAD flowing

FLUID ISSUES FROM dbh ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) Qal

COLOR ben

SALT:

TYPE \_\_\_\_\_ GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS fg → mg.

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION art. well

PROPERTY OWNED BY Blm?

PREVIOUS AND/OR CURRENT LEASES 3

JS R9 F28



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11267 Date 8/18 Time \_\_\_\_\_  
 Name Star Ranch Cold Spring Location: Co. Wasco State Nev  
 Sec. — Twp. 33N R. 22E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. — Long. — Elevation 3900 Quad. Lovelock AMS  
 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 21 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 27°

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 N. of

ROCK DATA:

Ranch Buildings

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE No

GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_

MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_

MINERALS \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No

WATER USED FOR Cattle

QUANTITY \_\_\_\_\_

IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_

USED FOR Grazing

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater seepage

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES —

BW-R7-F14

UNITED STATES GEOLOGICAL SURVEY

Section No. \_\_\_\_\_

Scale \_\_\_\_\_

Date \_\_\_\_\_

Location \_\_\_\_\_

Section \_\_\_\_\_

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11268 Date 8/18 Time 1

Name 33 N. Flowing Well Location: Co. Washo State Nev

Sec. — Twp. 33N R. 22E; 2 km(mi) West of Junction County Road & Highway 81

Lat. — Long. — Elevation 3800 Quad. Love Lock AMS

Sampler Bule Villain

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

DESCRIPTION:

WATER TEMP. °C 12° DISCHARGE 30-40 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 27° DEPTH —

ODOR None BORE 4"

FLUID COLOR Clear PUMP TYPE None

FLUID TASTE Sulfurous STATIC HEAD Flowing

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION Grasses ARTESIAN HEAD Flowing

FLUID ISSUES FROM Flowing artesian ROCK DATA:

Well in Valley alluvium TYPE (SURFACE) Soil

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE No \_\_\_\_\_

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 \_\_\_\_\_

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW RD - FIS



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11269 Date 8/18 Time 1000  
 Name 3823 Cold Spring Location: Co. Washoe State Nev  
 Sec. — Twp. 30N R. 21E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. — Long. — Elevation 3800 Quad. Lovelock AMS  
 Sampler Bule Wilkin

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

DESCRIPTION:

WATER TEMP. °C	<u>18°</u>	DISCHARGE	<u>10</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>28°</u>	DEPTH	_____
ODOR	<u>None</u>	BORE	_____
FLUID COLOR	<u>clear</u>	PUMP TYPE	_____
FLUID TASTE	<u>Sulfurous</u>	STATIC HEAD	_____
BUBBLING	<u>No</u>	SCALING	_____
BOILING	<u>No</u>	TYPE OF PIPING	_____
VEGETATION	<u>None</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM	<u>Pipe at cement</u>	ROCK DATA:	
	<u>trough on S. side of</u>	TYPE (SURFACE)	<u>oal</u>
	<u>Road</u>	COLOR	_____

SALT:		GRAIN SIZE	_____
TYPE	<u>None</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____		_____
FORM	_____	ALTERATION	_____

SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>None</u>	WATER USED FOR	<u>Cattle</u>
QUANTITY	_____	IMMEDIATE AREA	_____
COLOR	_____	USED FOR	<u>Grazing</u>
FORM	_____		_____

QUALITY OF SAMPLE: EXC., GOOD, POOR  
 PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage  
 PROPERTY OWNED BY BLM  
 PREVIOUS AND/OR CURRENT LEASES —

BW-R2-F16





WELL DATA

WELL NO. \_\_\_\_\_

DATE \_\_\_\_\_

WELL TYPE \_\_\_\_\_

WELL DEPTH \_\_\_\_\_

WELL DIRECTION \_\_\_\_\_

WELL LOCATION \_\_\_\_\_

WELL CONSTRUCTION \_\_\_\_\_

WELL CONDITION \_\_\_\_\_

WELL USE \_\_\_\_\_

WELL OWNER \_\_\_\_\_

WELL STATUS \_\_\_\_\_

WELL NOTES \_\_\_\_\_

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11270 Date 8/18/77 Time 10:30

Name Wall W.S. Location: Co. Washoe State Nev

Sec. \_\_\_\_\_ Twp. 32N R. 21E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3900 Quad. Lovelock AMS

Sampler B. Williams

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

DESCRIPTION:

WATER TEMP. °C 28° DISCHARGE 0 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 26° DEPTH \_\_\_\_\_

ODOR — BORE \_\_\_\_\_

FLUID COLOR GREEN PUMP TYPE \_\_\_\_\_

FLUID TASTE ? STATIC HEAD \_\_\_\_\_

BUBBLING — SCALING \_\_\_\_\_

BOILING — TYPE OF PIPING \_\_\_\_\_

VEGETATION Reeds + Gen Algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM SINK HOLE ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE \_\_\_\_\_ GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR CATTLE

QUANTITY \_\_\_\_\_ IMMEDIATE AREA CATTLE

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NE-SW fault zone

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R-7-F-17



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11271 Date 8/18 Time 1030  
Name Ranch Warm Wells Location: Co. Washoe State Nev  
Sec. — Twp. 30N R. 21E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
Lat. — Long. — Elevation 8950 Quad. Lovelock AMS  
Sampler Bruce Williams

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

DESCRIPTION:

WATER TEMP. °C 31<sup>0</sup> DISCHARGE 75-100 gpm/Lpm  
GROUND TEMP. °C — WELL DATA:  
AIR TEMP. 29<sup>0</sup> DEPTH —  
ODOR None BORE 6"  
FLUID COLOR clear PUMP TYPE None  
FLUID TASTE None STATIC HEAD Flowing  
BUBBLING No SCALING None  
BOILING No TYPE OF PIPING Steel  
VEGETATION None ARTESIAN HEAD Flowing

FLUID ISSUES FROM Artesian wells ROCK DATA:  
No. of Ranch House TYPE (SURFACE) Cal  
COLOR \_\_\_\_\_

SALT: TYPE No GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_  
QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
TYPE No WATER USED FOR IMMEDIATE AREA Cattle & Pond  
QUANTITY \_\_\_\_\_ USED FOR Grazing  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible Range Fault (NE-SW Fault)

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW-R7-F18



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11272 Date 8/18 Time 1130

Name 3900 Cold Well Location: Co. Washoe State Nev

Sec. — Twp. 31 N R. 20 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

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

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 10 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 29° DEPTH —

ODOR None BORE 4"

FLUID COLOR clear PUMP TYPE None

FLUID TASTE None salt STATIC HEAD Flowing

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD Flowing

FLUID ISSUES FROM Artesian well ROCK DATA:

in Large Grove of Trees TYPE (SURFACE) Basalt

COLOR \_\_\_\_\_

SALT:

TYPE No GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY \_\_\_\_\_ USED FOR Grazing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION \_\_\_\_\_

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW-R7-F19



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

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Spring No. \_\_\_\_\_ Sample No. W11272 Date 8/18 Time 1130  
 Name 3900 Cold Well Location: Co. Washoe State Nev  
 Sec. — Twp. 31 N R. 20 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. — Long. — Elevation 3900 Quad. Lovelock AMS  
 Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	<u>15°</u>	DISCHARGE	<u>10</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>29°</u>	DEPTH	<u>—</u>
ODOR	<u>None</u>	BORE	<u>4"</u>
FLUID COLOR	<u>clear</u>	PUMP TYPE	<u>None</u>
FLUID TASTE	<u>None</u>	STATIC HEAD	<u>Flowing</u>
BUBBLING	<u>No</u>	SCALING	<u>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>Flowing</u>

FLUID ISSUES FROM Artesian well  
in Large Grove of Trees

ROCK DATA:

TYPE (SURFACE) Dal  
 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 Cattle  
Grazing

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION \_\_\_\_\_

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW-R7-F19





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11273 Date 8/18 Time 1300

Name Smoke Creek Cold Spring Location: Co. Washoe State Nev.

Sec. - Twp. 30N R. 19E ; \_\_\_\_\_ km/mi - of -

Lat. - Long. - Elevation 3950 Quad. Lovelock AMS

Sampler Bruce 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 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Water Creek ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Spring on E. Side of Road ROCK DATA:

TYPE (SURFACE) Basalt

COLOR \_\_\_\_\_

GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

SALT: TYPE No

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY \_\_\_\_\_ 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-RJ-F20

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11274 Date 8/18 Time 1330  
Name Bonham Ranch Artesian Water Well Location: Co. Washoe State Nev.  
Sec. - Twp. 28N R. 19E ; km/mi - of -  
Lat. - Long. - Elevation 3900 Quad. LoveLock AMS  
Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	<u>31°</u>	DISCHARGE	<u>75</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>33°</u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>6"</u>
FLUID COLOR	<u>Clear</u>	PUMP TYPE	<u>None</u>
FLUID TASTE	<u>High Sulfur &amp; Salt</u>	STATIC HEAD	<u>Flowing</u>
BUBBLING	<u>No</u>	SCALING	<u>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>Flowing</u>
FLUID ISSUES FROM	<u>Artesian Well</u>	ROCK DATA:	
	<u>By Water Wheel</u>	TYPE (SURFACE)	<u>oal</u>
		COLOR	
SALT:		GRAIN SIZE MEGASCOPIC MINERALS	
TYPE	<u>None</u>		
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	<u>None</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>cattle Ranch</u>
QUANTITY			
COLOR			
FORM		QUALITY OF SAMPLE: <u>EXC.</u> , GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION artesian Well

PROPERTY OWNED BY Bonham Ranch

PREVIOUS AND/OR CURRENT LEASES -

BW-R7-F20 (water wheel)

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11275 Date 8/18 Time 1400

Name Soda Cold Springs Location: Co. Washoe State Nev

SE, NE Sec. 28 Twp. 28N R. 20E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3900 Quad. Fox Range 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° DISCHARGE 10 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 33° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE High Sulphur, Salt STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION None ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Spring on ROCK DATA:

S. side of Road TYPE (SURFACE) Sol

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 Ground Water

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW-R7-F21

NAME OF SITE: \_\_\_\_\_  
 PROJECT NO.: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 TIME: \_\_\_\_\_

STATE OF: \_\_\_\_\_  
 COUNTY: \_\_\_\_\_  
 TOWNSHIP: \_\_\_\_\_  
 SECTION: \_\_\_\_\_

WATER TEMP: \_\_\_\_\_  
 GROUND TEMP: \_\_\_\_\_  
 AIR TEMP: \_\_\_\_\_  
 WIND DIRECTION: \_\_\_\_\_  
 WIND SPEED: \_\_\_\_\_

RAINFALL: \_\_\_\_\_  
 HUMIDITY: \_\_\_\_\_  
 VISIBILITY: \_\_\_\_\_  
 CLOUD COVER: \_\_\_\_\_

SOIL TYPE: \_\_\_\_\_  
 SOIL MOISTURE: \_\_\_\_\_  
 SOIL TEMPERATURE: \_\_\_\_\_  
 SOIL pH: \_\_\_\_\_

OBSERVATIONS: \_\_\_\_\_  
 COMMENTS: \_\_\_\_\_



EXCEL RIVER POND

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11276 Date 8/18 Time 1600  
 Name Needle Rocks Steam Geyser Location: Co. Washoe State Nev  
 Sec. — Twp. 26N R. 20E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. — Long. — Elevation \_\_\_\_\_ Quad. The Needles Rocks  
 Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	<u>96°</u>	DISCHARGE	<u>50</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>34°</u>	DEPTH	<u>—</u>
ODOR	<u>None</u>	BORE	<u>12"</u>
FLUID COLOR	<u>Clear</u>	PUMP TYPE	<u>None</u>
FLUID TASTE	<u>—</u>	STATIC HEAD	<u>Flowing steam &amp; water</u>
BUBBLING	<u>No</u>	SCALING	<u>None</u>
BOILING	<u>Yes</u>	TYPE OF PIPING	<u>steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>Flowing</u>
FLUID ISSUES FROM	<u>Test Well</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>CaCO<sub>3</sub></u>
		COLOR	<u>White</u>

SALT:

TYPE	<u>None</u>	GRAIN SIZE MEGASCOPIC MINERALS	<u>—</u>
QUANTITY	<u>—</u>		
COLOR	<u>—</u>		
FORM	<u>—</u>	ALTERATION	<u>—</u>

SINTER:

TYPE	<u>None</u>	RX TYPE (AT DEPTH)	<u>—</u>
QUANTITY	<u>—</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>-a-</u>
COLOR	<u>—</u>		<u>-0-</u>
FORM	<u>—</u>	QUALITY OF SAMPLE: EXC., <u>GOOD</u> , POOR	

PROBABLE CAUSE OF MANIFESTATION Drill Hole under steam Pressure  
 PROPERTY OWNED BY Indian Reservation  
 PREVIOUS AND/OR CURRENT LEASES —

BW-R7-F22-23



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11277 Date 8/18 Time 1630

Name Needles Rocks Hot Spr. Location: Co. Washoe State Nev.

Sec. - Twp. 26N R. 21E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. - Long. - Elevation 3800 Quad. The Needle Rocks

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 66° DISCHARGE 25 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE salt & mild sulfur STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown & Green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Spring on ROCK DATA:

East Tip of Rocks TYPE (SURFACE) CaCO<sub>3</sub>

COLOR white

SALT:

TYPE None GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR -0-

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Fault controlled

PROPERTY OWNED BY Indian Reservation

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW-R7-F24





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11278 Date 8/18 Time 1630  
 Name South Needles Hot Wells Location: Co. Washoe State Nev  
 Sec. — Twp. 26N R. 20E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. — Long. — Elevation 3800 Quad. The Needle Rocks  
 Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C	<u>82°</u>	DISCHARGE	<u>25</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>37°</u>	DEPTH	<u>—</u>
ODOR	<u>None</u>	BORE	<u>12"</u>
FLUID COLOR	<u>Clear</u>	PUMP TYPE	<u>None</u>
FLUID TASTE	<u>Salty</u>	STATIC HEAD	<u>Flowing</u>
BUBBLING	<u>No</u>	SCALING	<u>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>Flowing (Hot water)</u>
FLUID ISSUES FROM	<u>Well Head</u>	ROCK DATA:	
	<u>in water on south tip of Rock Peninsula</u>	TYPE (SURFACE)	<u>CaCO<sub>3</sub></u>
		COLOR	<u>White</u>
SALT:		GRAIN SIZE MEGASCOPIC MINERALS	
TYPE	<u>None</u>		
QUANTITY			
COLOR			
FORM		ALTERATION	
SINTER:		RX TYPE (AT DEPTH)	
TYPE	<u>None</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>-0-</u>
QUANTITY			<u>-0-</u>
COLOR			
FORM		QUALITY OF SAMPLE: EXC., GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Fault System

PROPERTY OWNED BY Indian Reservation

PREVIOUS AND/OR CURRENT LEASES —

BW-R7-F26



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11279 Date 8/18/77 Time 7:00

Name NW 5 W.S. Location: Co. Washoe State NEV

Sec. 5 Twp. 21N R. 24E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Wadsworth 15

Sampler B Williams

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

DESCRIPTION:

WATER TEMP. °C 19° DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C 28° WELL DATA:

AIR TEMP. 28° DEPTH \_\_\_\_\_

ODOR NONE BORE \_\_\_\_\_

FLUID COLOR NONE PUMP TYPE \_\_\_\_\_

FLUID TASTE NONE STATIC HEAD \_\_\_\_\_

BUBBLING — SCALING \_\_\_\_\_

BOILING — TYPE OF PIPING \_\_\_\_\_

VEGETATION GRASS + GREEN ALGAE ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM SINK HOLE ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE \_\_\_\_\_ GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR cattle

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Hydrologic Flow

PROPERTY OWNED BY ? Private?

PREVIOUS AND/OR CURRENT LEASES ?

BW-R-7 - F27

NAME OF PROPERTY \_\_\_\_\_  
 SECTION NO. \_\_\_\_\_  
 TOWNSHIP \_\_\_\_\_  
 RANGE \_\_\_\_\_  
 COUNTY \_\_\_\_\_  
 STATE \_\_\_\_\_  
 DATE \_\_\_\_\_  
 TIME \_\_\_\_\_  
 PLACE \_\_\_\_\_  
 NAME OF PARTY \_\_\_\_\_  
 TITLE \_\_\_\_\_  
 COLOR \_\_\_\_\_  
 NAME OF PARTY \_\_\_\_\_  
 TITLE \_\_\_\_\_  
 COLOR \_\_\_\_\_



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11280 Date 8/18 Time 1130

Name Soldier Meadow WS #2 Location: Co. Dumbold State Nev.

Sec. \_\_\_\_\_ Twp. 40 N R. 25E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4800 Quad. Vya AMS

Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C 30<sup>0</sup> DISCHARGE 1000 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR - BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE hard STATIC HEAD \_\_\_\_\_

BUBBLING - SCALING \_\_\_\_\_

BOILING - TYPE OF PIPING \_\_\_\_\_

VEGETATION green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM fault ROCK DATA:

TYPE (SURFACE) crystal tuff

COLOR pink to tan

SALT:

GRAIN SIZE \_\_\_\_\_

TYPE no MEGASCOPIC MINERALS quartz, K-spar,

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION minor

SINTER:

RX TYPE (AT DEPTH) -

TYPE no WATER USED FOR drinking

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR ranch

COLOR \_\_\_\_\_

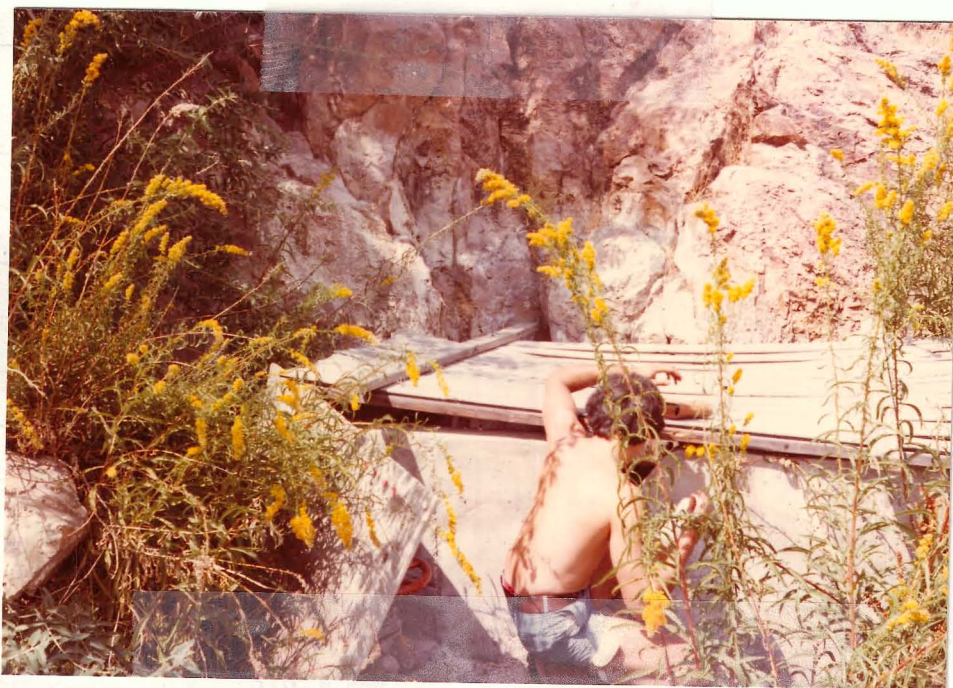
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F16



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11281 Date 8/18 Time 1400

Name 37N 26E HS Location: Co. Humboldt State Nev.

Sec. \_\_\_\_\_ Twp. 37N R. 26E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Vya AMS

Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C 49.5 DISCHARGE 2 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR - BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE salty STATIC HEAD \_\_\_\_\_

BUBBLING - SCALING \_\_\_\_\_

BOILING - TYPE OF PIPING \_\_\_\_\_

VEGETATION brown algae, reeds ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM alluvium ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIIC MINERALS \_\_\_\_\_

TYPE NaCl

QUANTITY minor

COLOR white

FORM amorphous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR IMMEDIATE AREA USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F17





NOTE: 2 samples  
taken here ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11282 Date 8/18 Time 1600

Name Double HS #1 & #2 Location: Co. Pumala State Nev

Sec. \_\_\_\_\_ Twp. 37N R. 26E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Yya AMS

Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C 80 74 DISCHARGE 200 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR - BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE salty (mild) STATIC HEAD \_\_\_\_\_

BUBBLING minor SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION - ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM alluvium ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE  
MEGASCOPIC  
MINERALS \_\_\_\_\_

TYPE NaCl

QUANTITY minor

COLOR white

FORM amorphous ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES #1

DM R4 F18, 19 → #2

#1



#2



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11284 Date 8/18 Time 1745

Name Black Rock Point HS Location: Co. Humboldt State Nev.

Sec. \_\_\_\_\_ Twp. 36N R. 26E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Lovelock AM5

Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C 58 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR - BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE salty (mild) STATIC HEAD \_\_\_\_\_

BUBBLING minor SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM alluvium ROCK DATA:

TYPE (SURFACE) Sal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE no MEGASCOPIC \_\_\_\_\_

MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F21



2 Rock Samples ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11285 Date 8/18 Time 1700

Name Black Rock HS Location: Co. Humboldt State Nev.

SW Sec. 22 Twp. 36N R. 26E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Vya 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 68 DISCHARGE 1 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR - BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE salty (mild) STATIC HEAD \_\_\_\_\_

BUBBLING minor SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM alluvium ROCK DATA:

TYPE (SURFACE) gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE no

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE ? WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY terrace <sup>E of</sup> spring USED FOR \_\_\_\_\_

COLOR white

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

PM R4 F20



DEPTH

TEMP

WIND DIR

WIND SPEED

MOON

TIME OF DAY

LOCATION

DATE

TIME

WIND

TEMP

MOON

WIND DIR

WIND SPEED

MOON

TIME

NAME OF PARTY: THE GOOD BOON

PROPERTY OF THE U.S. GEOLOGICAL SURVEY

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11286 Date 8/19 Time 1255

Name Salt water Warm Spring Location: Co. Humb State Neu

Sec. \_\_\_\_\_ Twp. 37N R. 30E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3960 Quad. King Lear Park

Sampler ITS

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

DESCRIPTION:

WATER TEMP. °C 24.5 DISCHARGE 0.25-0.5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 36

DEPTH \_\_\_\_\_

ODOR none

BORE \_\_\_\_\_

FLUID COLOR murky

PUMP TYPE \_\_\_\_\_

FLUID TASTE slightly saline

STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_

SCALING \_\_\_\_\_

BOILING \_\_\_\_\_

TYPE OF PIPING steel

VEGETATION \_\_\_\_\_

ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → f.g.

SALT:

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_

WATER USED FOR IMMEDIATE AREA USED FOR ? cattle

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY Bem

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

FOR 8 F19





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11287 Date 8/19 Time 1330

Name Buckbrush CS. Location: Co. Humb State Nev

Sec. \_\_\_\_\_ Twp. 37N R. 30E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4180 Quad. King Lee Peak

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 5-10 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 36 DEPTH \_\_\_\_\_

ODOR none BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE slightly hard STATIC HEAD \_\_\_\_\_

BUBBLING - SCALING \_\_\_\_\_

BOILING - TYPE OF PIPING \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR cattle

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 ?

FD R8 F20



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11288 Date 8/19 Time 1100  
 Name Cornal Warm Spring Location: Co. Humboldt State Nev.  
 Sec. — Twp. 36N R. 24E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4800 Quad. Vya AMS  
 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° Partial solar Heating DISCHARGE 1-2 gpm/Lpm  
 GROUND TEMP. °C — WELL DATA:  
 AIR TEMP. 31° 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 at ROCK DATA:  
Water Trough South TYPE (SURFACE) Gal  
of old corral COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_  
 TYPE No \_\_\_\_\_  
 QUANTITY \_\_\_\_\_  
 COLOR \_\_\_\_\_  
 FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
 TYPE No WATER USED FOR IMMEDIATE AREA Cattle  
 QUANTITY \_\_\_\_\_ 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 R7-F30

WATER RESOURCES DIVISION  
UNITED STATES GEOLOGICAL SURVEY  
WASHINGTON, D. C. 20506  
REPORT NO. W-1008  
DATE 1978  
LOCATION ...  
...



DESCRIPTION  
...

...

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11289 Date 8/19 Time 930

Name SF 16 Hot Spring Location: Co. Washoe State Nev

Sec. 16 Twp. 32N R. 23N ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3940 Quad. Gerlach

Sampler QTS

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

DESCRIPTION:

WATER TEMP. °C 78°C DISCHARGE 30 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 \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn; white

GRAIN SIZE fg → mg

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE \_\_\_\_\_

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 BEM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_



Handwritten notes on lined paper, including the number '21810' and other illegible text.

Extensive handwritten notes on lined paper, organized into columns and rows. The text is mostly illegible due to blurring and bleed-through from the reverse side of the page. Some legible words include 'LITERATURE', 'RESEARCH', and 'FIELD'. There are also some numbers and dates scattered throughout the notes.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11290 Date 8/20 Time 1030

Name S. E. 18 Wm Well Location: Co. Washoe State Nev

Sec. 18 Twp. 30N R. 23E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3900 Quad. Perlach

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 5 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 31° DEPTH —

ODOR None BORE 8"

FLUID COLOR clear PUMP TYPE None

FLUID TASTE Sulfurous STATIC HEAD Flowing

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION Green algae ARTESIAN HEAD Flowing

FLUID ISSUES FROM Artesian Well ROCK DATA:

TYPE (SURFACE) ool

COLOR \_\_\_\_\_

SALT:

TYPE No GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian Well

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-RJ-F32



✓

Date: July 20, 1960  
 Location: State Park  
 Name: State Park  
 Species: State Park



This is a page from a field notebook with faint, mirrored text from the reverse side. The text is mostly illegible due to bleed-through and fading. Some words like "State Park" and "July 20, 1960" are visible, matching the information in the header. The page has three hole punches on the right side.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11291 Date 12/19 Time 1030

Name NW 10 Hot Spring Location: Co. Washe State New

Sec. 10 Twp. 32N R. 23E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Gerlach

Sampler JTS

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

DESCRIPTION:

WATER TEMP. °C 89°C DISCHARGE 35-40 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 31 DEPTH \_\_\_\_\_

ODOR none BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION no ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE \_\_\_\_\_ ALTERATION none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR entire

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY Bern

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BW R7F33



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

*Handwritten mark*

Spring No. \_\_\_\_\_ Sample No. W11292 Date 8/19/77 Time 1200

Name Sec 11 W-N. Location: Co. Humboldt State Nev.

*NENW*

Sec. 11 Twp. 42N R. 31E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4060 Quad. Quinn Pine Crossing (15')

Sampler R. Baker

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

DESCRIPTION:

WATER TEMP. °C 23°c DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 1 1/2"

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) Qol

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 8

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR \_\_\_\_\_

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. W11293 Date 8/20/77 Time 1315

Name King's Ranch e.w. Location: Co. Humboldt State Nev.

Sec. 21 Twp. 46N R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4360 Quad. Trident Peak (US')

Sampler RBabe

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

DESCRIPTION:

WATER TEMP. °C 10c DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 2 1/2"

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) Qol

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 Sanitation

QUANTITY \_\_\_\_\_ Panicking

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY King's River Ranch

PREVIOUS AND/OR CURRENT LEASES No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11294 Date 8/19/77 Time 1400

Name AGATE C.S. Location: Co. Humboldt State Nev.

Sec. - Twp. 44N R. 33E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4180 Quad. Quinn River Crossing (15')

Sampler R. Baker

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

DESCRIPTION:

WATER TEMP. °C 15°c DISCHARGE 6-8 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 green algae / grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM creek bed in ROCK DATA:

camp TYPE (SURFACE) Sediments (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 Ranch

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. W11295 Date 8/20/77 Time 1130

Name Firemile W.S. Location: Co. Humboldt State Nev.

SBSW

Sec. 21 Twp. 45N R. 33E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4480 Quad. Trident Peak (15')

Sampler R. Baker

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

DESCRIPTION:

WATER TEMP. °C 30°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 water and grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sink hole in gravel ROCK DATA:

bed on pediment TYPE (SURFACE) Tva

COLOR lm/gray

GRAIN SIZE large

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Nothing

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Nothing

COLOR \_\_\_\_\_ USED FOR Nothing

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR5 F1





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11296 Date 8/19/77 Time 1500

Name Nine Mile W.S. Location: Co. Humboldt State Nev.

NE SW Sec. 10 Twp. 44N R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4400 Quad. Quinn River Crossing (15')

Sampler R. Baker

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

DESCRIPTION:

WATER TEMP. °C 21.5°C DISCHARGE 150-200 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 / water oars ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel bed on ROCK DATA: \_\_\_\_\_

pediment TYPE (SURFACE) gravel

\_\_\_\_\_ COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR for irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Ranching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

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. W11297 Date 8/19/77 Time 1100

Name Quinn River Crossing C.W. Location: Co. Humboldt State Nev.

Sec. 30 Twp. 43N R. 32E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4090 Quad. Quinn River Crossing (15')

Sampler RB

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

DESCRIPTION:

WATER TEMP. °C 12°C DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 16'

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) Gal

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR Trujillo Ranch

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY Quinn River Ranch

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No pictures

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11298 Date 8/20 77 Time 1400

Name Sec 27 ew. Location: Co. Humboldt State Nev.

SWSW

Sec. 27 Twp. 46N R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4340 Quad. Tenderb Peak (15')

Sampler R. Baker

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

DESCRIPTION:

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

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 500'

ODOR 0 BORE 16"

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:

TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

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 Kings River Ranch

PREVIOUS AND/OR CURRENT LEASES RBR5 F2 (Not printed)

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11299 Date 8/18/77 Time 1415  
 Name Bishop Canyon W.S. Location: Co. Humboldt State Nevada  
 NWSW Sec. 23 Twp. 43N R. 30E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4600 Quad. Duffer Peak  
 Sampler R Baker  
 Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter,  
 travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21°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 San grass

ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel bed

ROCK DATA:

on canyon floor

TYPE (SURFACE) gravel/pediments

COLOR grey

SALT:

GRAIN SIZE  
MEGASCOPIC  
MINERALS large

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0

WATER USED FOR  
IMMEDIATE AREA  
USED FOR Cattle  
Ranching

QUANTITY \_\_\_\_\_

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. W11300 Date 8/17/77 Time 1645

Name West W.S. Location: Co. Humboldt State Nev.

QWNN

Sec. 20 Twp. 44N R. 27E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 7600 Quad. Idaho Canyon (15')

Sampler RBaker

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

DESCRIPTION:

WATER TEMP. °C 21<sup>o</sup> DISCHARGE 15-20 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 gr. grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pediment or ROCK DATA:

halide TYPE (SURFACE) Volcanics / acidic

COLOR light gray

SALT: GRAIN SIZE large

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 Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11301 Date 2/18/77 Time 1530

Name Big Creek Ranch C.W. Location: Co. Humboldt State Nev.

SW SE Sec. 23 Twp. 44N R. 30E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4260 Quad. Duffer Peak (15')

Sampler R Baker

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

DESCRIPTION:

WATER TEMP. °C 13°c DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 2"

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:

TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Evaporation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY Big Creek Ranch

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No Piche

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11302 Date 8/2/77 Time 1445

Name Sec 12 W.W. Location: Co. Kearney State Nev.

*SWSW* Sec. 12 Twp. A3N R. 30E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4150 Quad. Duffin 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 22c DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 500"

ODOR 0 BORE 12"

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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Boysington Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY Woodward Ranch

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

*No fracture*

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11303 Date 2/18/77 Time 1300

Name Sec 12 WAW Location: Co. Humboldt State Nev.

SWNE

Sec. 12 Twp. 42 N R. 30 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4100 Quad. Cliffers Peak (15')

Sampler R. Baber

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

DESCRIPTION:

WATER TEMP. °C 37°c DISCHARGE 15-20 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 2 1/2"

FLUID COLOR 0 PUMP TYPE -

FLUID TASTE slightly bitter STATIC HEAD -

BUBBLING 0 SCALING silica

BOILING 0 TYPE OF PIPING steel tube

VEGETATION blue algae ARTESIAN HEAD yes

FLUID ISSUES FROM gravel bed on ROCK DATA: sediments (gravel)  
bediment TYPE (SURFACE) \_\_\_\_\_

COLOR gray

SALT: GRAIN SIZE MEGASCOPIC MINERALS large

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION some silica

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 Artesian well

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No picture



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11304 Date 8/18/77 Time 1230

Name Dike H.S. Location: Co. Summit State Nev.

SESE Sec. 25 Twp. 43N R. 30E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4120 Quad. Duffer Peak (15')

Sampler Roberts

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

DESCRIPTION:

WATER TEMP. °C 67°C DISCHARGE 40-50 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR sulfurous BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE hard STATIC HEAD \_\_\_\_\_

BUBBLING yes SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION brn/yellow algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel bed on ROCK DATA:

pediment TYPE (SURFACE) Conglomerates

COLOR grey

GRAIN SIZE large

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION silica, iron

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 Rang. fault faulting

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11305 Date 8/17/77 Time 1500

Name Knott Ranch W.W. Location: Co. Humboldt State Nev.

WENE Sec. 4 Twp. 73N R. 27E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4500 Quad. Idaho Canyon (15')

Sampler PBehr

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

DESCRIPTION:

WATER TEMP. °C 22°c DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR \_\_\_\_\_ BORE 6"

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 Ng

FLUID ISSUES FROM well head 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 Domestic Ranch

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY Knott Ranch

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11306 Date 8/17/77 Time 1400

Name Gridley Lake H.S. Location: Co. Humboldt State Nev.

S WSW

Sec. 12 Twp. 44N R. 27E; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4420 Quad. Railroad Point (15)

Sampler R. Bahr

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

DESCRIPTION:

WATER TEMP. °C 40°C DISCHARGE 25-30 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 yes SCALING \_\_\_\_\_

BOILING NO TYPE OF PIPING \_\_\_\_\_

VEGETATION brn algae / yellow algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole on quartz ROCK DATA:

pebble conglomerate ridge TYPE (SURFACE) Quartz pebble conglomerate

COLOR light grey / white

SALT: GRAIN SIZE large

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION silica

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

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11307 Date 8/20 Time 1245  
 Name Buckbrush WS Location: Co. Humboldt State Nev.  
 Sec. \_\_\_\_\_ Twp. 41N R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4550 Quad. Bottle Creek 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 20.5 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:

TYPE no GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

IMMEDIATE AREA USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

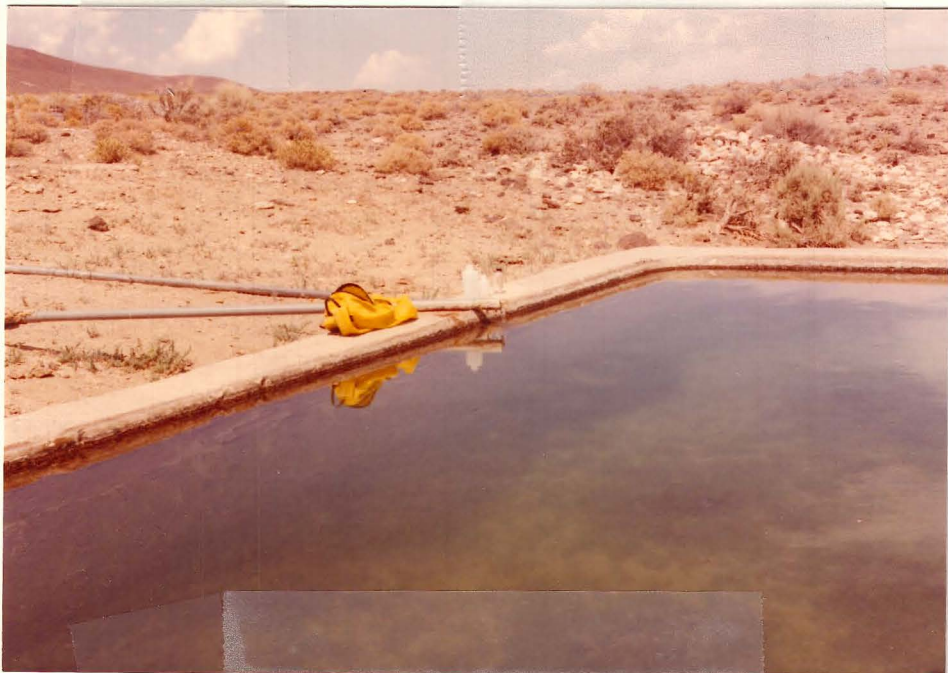
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

DM R4 F27



DATE

TIME

LOCATION

NO.

DEPTH

TEMP.

WIND

MOON

SEA

WAVE

STATE

COUNTY

TOWNSHIP

RANGE

SECTION

QUANTITY

QUALITY

NOTE

REMARKS

ANALYSIS

LABORATORY

REPORT NO.

DATE

TIME

Send  
Analysis:

Happy Creek Ranch  
P.O. Box 230 ✓  
Winnemucca, Nev.  
89445

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11308 Date 8/20 Time 1130

Name Happy Creek Ranch CU Location: Co. Numball State Nev.

SE Sec. 2 Twp. 41N R. 32E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4150 Quad. Bottle Creek 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 14 DISCHARGE — gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 368'

ODOR — BORE \_\_\_\_\_

FLUID COLOR — PUMP TYPE electric

FLUID TASTE — STATIC HEAD \_\_\_\_\_

BUBBLING — SCALING \_\_\_\_\_

BOILING — TYPE OF PIPING steel

VEGETATION — ARTESIAN HEAD no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR irrigation

IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES none

DM R4 F26

see back →

farmer said that hot water  
was hit along fault during drilling



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11309 Date 8/20 Time 1030

Name NWNE 30WS Location: Co. Dumbell State New

NWNE Sec. 30 Twp. 24N R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4140 Quad. Bottle Creek 15'

Sampler Allan Masterson

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

DESCRIPTION:

WATER TEMP. °C 32 \*

DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_

WELL DATA:

at edge of marsh

AIR TEMP. 32

DEPTH \_\_\_\_\_

ODOR -

BORE \_\_\_\_\_

FLUID COLOR -

PUMP TYPE \_\_\_\_\_

FLUID TASTE -

STATIC HEAD \_\_\_\_\_

BUBBLING -

SCALING \_\_\_\_\_

BOILING -

TYPE OF PIPING \_\_\_\_\_

VEGETATION reeds

ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM seeps in alluvium

ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE  
MEGASCOPIC  
MINERALS

TYPE no

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 R4 F25

\* probably solar heated





Send Joe Giordano Ranch  
Analysis: Star Route Box 210  
Minermucca, Nev.  
89445

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11310 Date 8/20 Time 1330

Name Giordano Ranch CW Location: Co. Humboldt State Nev.

SE Sec. 15 Twp. 40NR. 33E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4160 Quad. Bottle Creek 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 \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 80' to water

ODOR \_\_\_\_\_ BORE \_\_\_\_\_

FLUID COLOR \_\_\_\_\_ PUMP TYPE electric

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR irrigation

IMMEDIATE AREA USED FOR mining

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

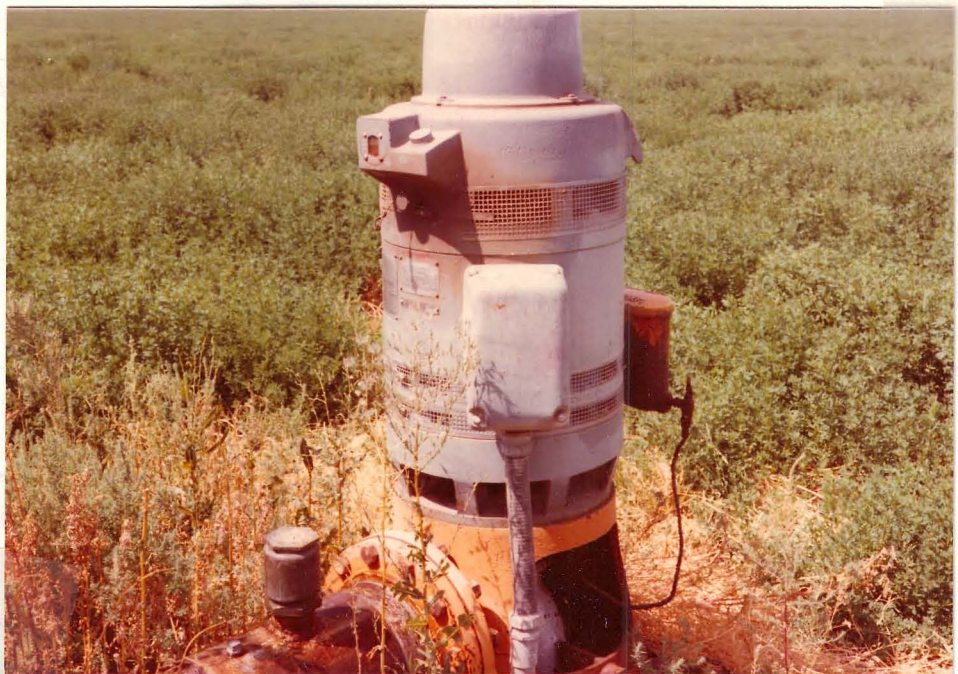
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Joe Giordano

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

DM R4 F28



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11311 Date 8/20 Time 1430

Name Bottle Creek CS Location: Co. Humboldt State New

NENE Sec. 29 Twp. 40N R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4400 Quad. Bottle Creek 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 14

DISCHARGE ? *flow erratic from tank* 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 MEGASCOPIC MINERALS \_\_\_\_\_

TYPE no

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH)

TYPE no

WATER USED FOR IMMEDIATE AREA cattle

QUANTITY \_\_\_\_\_

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 ?

DM R4 F29



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11312 Date 8-20-77 Time 13:30

Name Troun Creek Ranch C.W. Location: Co. Hum State Mo.

Sec. 10WNE 20 Twp. 38N R. 32E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4194 Quad. Donna Schie

Sampler GD

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

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 1000 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH ?

ODOR 0 BORE 12"

FLUID COLOR 0 PUMP TYPE electric

FLUID TASTE 0 STATIC HEAD ?

BUBBLING 0 SCALING no

BOILING 0 TYPE OF PIPING Steel

VEGETATION 0 ARTESIAN HEAD no

FLUID ISSUES FROM Steel pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA branching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R8-F24



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11313 Date 8-20-77 Time 1300

Name Willow Cr. Ranch W.W Location: Co. Wumb. State MD

Sec. SESE35 Twp. 39N R. 32E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4197 Quad. Donna Schae

Sampler Z.D

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

DESCRIPTION:

WATER TEMP. °C 21 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 600

ODOR \_\_\_\_\_ BORE 12'

FLUID COLOR 0 PUMP TYPE electric

FLUID TASTE 0 STATIC HEAD no

BUBBLING 0 SCALING no

BOILING 0 TYPE OF PIPING Steel

VEGETATION 0 ARTESIAN HEAD no

FLUID ISSUES FROM Steel pipe ROCK DATA:

TYPE (SURFACE) gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA ranching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R8-F22





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11314 Date 8-20-77 Time 1200

Name Willows Cr. W.S. Location: Co. Humb State Mo

Sec. S20W26 Twp. 39N R. 32E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4800 Quad. Donna Schae

Sampler JD

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

DESCRIPTION:

WATER TEMP. °C 25°C\* DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR turbid PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING .

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM steel pipe ROCK DATA:

TYPE (SURFACE) 0al

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR cell

IMMEDIATE AREA USED FOR panch

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydro flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R8 F23

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11315 Date 8-20-77 Time 1400  
 Name Donna Schee C.S. Location: Co. Humb State M.  
 Sec. \_\_\_\_\_ Twp. 37W R. 31E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4800 Quad. Donna Schee  
 Sampler B.D.

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

DESCRIPTION:

WATER TEMP. °C	<u>14°c</u>	DISCHARGE	<u>5</u> <u>(gpm/Lpm)</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>0</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>0</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>plastic pipe</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>Qal</u>
		COLOR	_____
SALT:		GRAIN SIZE	_____
TYPE	<u>0</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____		
FORM	_____	ALTERATION	_____
SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>0</u>	WATER USED FOR	_____
QUANTITY	_____	IMMEDIATE AREA	_____
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION natural hydro flow  
 PROPERTY OWNED BY ?  
 PREVIOUS AND/OR CURRENT LEASES ?

FDR 8 F25



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11316 Date 8/23/77 Time 1530  
 Name Vya W.S. Location: Co. Washoe State Nev.  
 Sec. — Twp. 42N R. 19E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5600 Quad. Vya (7 1/2')  
 Sampler R. Baker

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

DESCRIPTION:

WATER TEMP. °C	<u>22°C</u>	DISCHARGE	<u>10-15 gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	_____
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>0</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>water cross/grass</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>sinkhole on</u>	ROCK DATA:	_____
	<u>pediment</u>	TYPE (SURFACE)	<u>Qal</u>
	_____	COLOR	_____

SALT:

TYPE	<u>0</u>	GRAIN SIZE	_____
QUANTITY	_____	MEGASCOPIC	_____
COLOR	_____	MINERALS	_____
FORM	_____	ALTERATION	<u>0</u>

SINTER:

	_____	RX TYPE (AT DEPTH)	_____
TYPE	<u>0</u>	WATER USED FOR	_____
QUANTITY	_____	IMMEDIATE AREA	_____
COLOR	_____	USED FOR	_____
FORM	_____		_____

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow  
 PROPERTY OWNED BY \_\_\_\_\_  
 PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBRSTF3 (Not printed)



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11317 Date 8-24-77 Time 19:00  
 Name Suppose Valley H.W. Location: Co. Madoc State Nev.  
 Sec. NE SW 6 Twp. 42N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4490 Quad. Cedarville  
 Sampler LD

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

DESCRIPTION:

WATER TEMP. °C	<u>90</u>	DISCHARGE	<u>50</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>H<sub>2</sub>S</u>	BORE	<u>6"</u>
FLUID COLOR	<u>clear</u>	PUMP TYPE	_____
FLUID TASTE	<u>0</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>yes</u>	TYPE OF PIPING	<u>steel</u>
VEGETATION	<u>no</u>	ARTESIAN HEAD	<u>yes</u>
FLUID ISSUES FROM	<u>Steel pipe</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>dal</u>
_____	_____	COLOR	_____

SALT:

TYPE	<u>Soy</u>	GRAIN SIZE MEGASCOPIC MINERALS	_____
QUANTITY	<u>various</u>	_____	_____
COLOR	<u>white</u>	_____	_____
FORM	<u>amop.</u>	ALTERATION	<u>no</u>

SINTER:

TYPE	_____	RX TYPE (AT DEPTH)	_____
QUANTITY	_____	WATER USED FOR IMMEDIATE AREA USED FOR	<u>paths</u>
COLOR	_____	_____	_____
FORM	_____	QUALITY OF SAMPLE: <u>EXC.</u> , GOOD, POOR	_____

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY \_\_\_\_\_ ?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_ ?

FD R9F7





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11318 Date 8-24-77 Time 18:30

Name Sand Creek CW Location: Co. Madison State Neu

Sec. WWNW 20 Twp. 43N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4608 Quad. Cedarville

Sampler GD

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

DESCRIPTION:

WATER TEMP. °C 16° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. \_\_\_\_\_ DEPTH ?

ODOR 0 BORE 8"

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 Steel pipe ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR \_\_\_\_\_

IMMEDIATE AREA USED FOR corde

QUANTITY \_\_\_\_\_ renching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

FD R9 F2



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W113189 Date 8-24-77 Time 18:45

Name Sec 34 W.W. Location: Co. Modoc State Ca

Sec. SE NW 34 Twp. 34N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4600 Quad. Cedarville 15

Sampler J.D.

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

DESCRIPTION:

WATER TEMP. °C 22.5 DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 8" ?

ODOR 0 BORE 8

FLUID COLOR 0 PUMP TYPE windmille

FLUID TASTE Sweet STATIC HEAD ?

BUBBLING 0 SCALING no

BOILING 0 TYPE OF PIPING steel

VEGETATION 0 ARTESIAN HEAD ?

FLUID ISSUES FROM 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 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 129F3

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11320 Date 8-22-77 Time 15:00

Name LEONARDS HOT SPRING Location: Co. Madax State NW.

Sec. NW1/4E13 Twp. 43N R. 16E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4550 Quad. Cedarville

Sampler D.D.

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

DESCRIPTION:

WATER TEMP. °C 40°C DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE salty STATIC HEAD \_\_\_\_\_

BUBBLING minor SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION algae green ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel rd ROCK DATA: \_\_\_\_\_

road side 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR panching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: 0 EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION flow along fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES ?

FD R8 F37



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11321 Date 8-24-77 Time 18:00

Name Leonards H.S. NF Location: Co. Modoc State Ca

Sec. W11W18 Twp. 43N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4570 Quad. Cedarville 15'

Sampler B.D.

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

DESCRIPTION:

WATER TEMP. °C 59 DISCHARGE 500 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 colored algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel on ROCK DATA:

hillside 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR panching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault leakage

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R 8 F 38



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11322 Date 8-24-77 Time 1600

Name Leonards H.S. north Location: Co. Modoc State Ca

Sec. 10W12 Twp. 43N R. 17E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4570 Quad. Cedarville

Sampler D10

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

DESCRIPTION:

WATER TEMP. °C 85 DISCHARGE 250 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR \_\_\_\_\_ BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING minor SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION white algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM granulod ROCK DATA:

hillside TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE SO<sub>4</sub> MEGASCOPIC \_\_\_\_\_

QUANTITY minor MINERALS \_\_\_\_\_

COLOR white \_\_\_\_\_

FORM amp. ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR panching

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR 0

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault leakage

PROPERTY OWNED BY \_\_\_\_\_ ?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_ ?

FDR 8 F36





Faint, illegible text on lined paper, possibly bleed-through from the reverse side. The text is mirrored and difficult to decipher.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11323 Date 8-24-77 Time 19:00

Name Horton H.S. Location: Co. Modoc State Ca

Sec. SESE 1 Twp. 42N R. 16E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Cederville 15

Sampler J. Dellechiaie

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

DESCRIPTION:

WATER TEMP. °C 92 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR H<sub>2</sub>S minor BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING major TYPE OF PIPING \_\_\_\_\_

VEGETATION no ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal 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 0

QUANTITY \_\_\_\_\_ USED FOR ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

FD R9F6



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11324 Date 8-24-77 Time 15:30  
 Name Boyd's Warm Spr Location: Co. Monte State Ca  
 Sec. SWNW31 Twp. 45N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4508 Quad. Cedarville  
 Sampler D.D.

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

DESCRIPTION:

WATER TEMP. °C 19.5 DISCHARGE 10000 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 grasses ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR \_\_\_\_\_

IMMEDIATE AREA USED FOR ranching

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydro flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES ?

FD R8F35



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. No W11325 Date 8-24-77 Time 1600

Name Powley Creek H.S. Location: Co. Mod State Ca

Sec. SWNE 24 Twp. 44N R. 15E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4480 Quad. Cedarville 15

Sampler D.D.

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

DESCRIPTION:

WATER TEMP. °C NO 78° DISCHARGE 100? gpm/Lpm  
SO 87°

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0-minor SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM mud bog ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE SiO2 WATER USED FOR IMMEDIATE AREA 0

QUANTITY minor USED FOR nanochry

COLOR white-gray

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

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

FD R8F34



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11327 Date 8-24-77 Time 10:00

Name Ford Bidwell WPAW Location: Co. Madison State Ca

Sec. 17 Twp. 46N R. 16E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4570 Quad. Ford Bidwell

Sampler J. Decker

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

DESCRIPTION:

WATER TEMP. °C 45 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH ?

ODOR 0 BORE 12"

FLUID COLOR 0 PUMP TYPE —

FLUID TASTE 0 STATIC HEAD 0

BUBBLING 0 SCALING no

BOILING 0 TYPE OF PIPING steel

VEGETATION green algae ARTESIAN HEAD yes

FLUID ISSUES FROM stuck pipe ROCK DATA:

TYPE (SURFACE) red

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR residential

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R8 F31





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11328 Date 8-24-77 Time 10:30  
 Name Peterson Hot Spring Location: Co. Madoc State Ca  
 Sec. SE NW 8 Twp. 46N R. 21E, \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4800 Quad. Good Budwell  
 Sampler D.L.

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

DESCRIPTION:

WATER TEMP. °C	<u>39</u>	DISCHARGE	<u>100</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>0</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>0</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>sprawl at hill side</u>	ROCK DATA:	
	_____	TYPE (SURFACE)	<u>gal</u>
	_____	COLOR	_____
SALT:		GRAIN SIZE	_____
TYPE	<u>0</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____		
FORM	_____	ALTERATION	_____
SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>0</u>	WATER USED FOR IMMEDIATE AREA	<u>residential</u>
QUANTITY	_____	USED FOR	<u>pool</u>
COLOR	_____		
FORM	_____	QUALITY OF SAMPLE:	<u>EXC.</u> , GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault circulation  
 PROPERTY OWNED BY Petersons  
 PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11329 Date 8-24-77 Time 11:00

Name Mineral C.S. Location: Co. Modoc State Ca

Sec. 8ESW1 Twp. 47N R. 21E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 7800 Quad. Biddwell Ford

Sampler J.D.

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

DESCRIPTION:

WATER TEMP. °C 4 DISCHARGE 5 0 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR Fe BORE \_\_\_\_\_

FLUID COLOR red PUMP TYPE \_\_\_\_\_

FLUID TASTE Fe CO<sub>2</sub> STATIC HEAD \_\_\_\_\_

BUBBLING minor SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION no ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM holes ROCK DATA:

travertine TYPE (SURFACE) \_\_\_\_\_

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC \_\_\_\_\_

MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR 0

QUANTITY Min-mod IMMEDIATE AREA USED FOR forest

COLOR Red

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

PROBABLE CAUSE OF MANIFESTATION fault circulation

PROPERTY OWNED BY Forest Serv.

PREVIOUS AND/OR CURRENT LEASES ?

FD R8F33



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11330 Date 8/24/77 Time 1600

Name Sec 31 C.W. Location: Co. Modoc State Calif

SWNW

Sec. 31 Twp. 40N R. 17E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 9580 Quad. Eagleville (7 1/2')

Sampler R.B. Bates

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 16"

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) Quartz

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Supplement

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Ranching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR F 10



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

*✓*

*SNNW*

Spring No. \_\_\_\_\_ Sample No. W11331 Date 2/29/77 Time 1500

Name Loc 19 CW. Location: Co. Modoc State Calif.

Sec. 19 Twp. 70N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 9546 Quad. Esplanette (7 1/2')

Sampler R. Babo

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

DESCRIPTION:

WATER TEMP. °C 17° DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 12"

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 MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR IMMEDIATE AREA USED FOR Sanitation

QUANTITY \_\_\_\_\_ Recharging

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

*RBR5F9*



send analysis to:

Mr. Dale Goodwin  
Star Route  
Cedarville, CA 96104



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11332 Date 8/29/77 Time 1040

Name Goodwin C.W. Location: Co. Holzer State Calif

NE NE

Sec. 15 Twp. 41N R. 16E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4600 Quad. Warren Peak (7 1/2')

Sampler RB 1/2

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

DESCRIPTION:

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

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 2"

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 NC

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Red

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Porching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric Pump

PROPERTY OWNED BY Dale Goodwin

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RRR576



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send analysis to:

Mr. Don Holmes  
Box 661, Eagleville, CA 96110



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11333 Date 1/29/77 Time \_\_\_\_\_

Name Barren Ranch W.W. Location: Co. Lassen State Calif.

ENSW

Sec. 10 Twp. 38 N R. 17 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 7450 Quad. Snake Lake (7 1/2')

Sampler RBate

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 8 1/2"

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) Bas

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

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

Domestic supply  
Ranching

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11334 Date 2/24/77 Time 1315

Name Merced Bath H.S. Location: Co. Nevada State Calif

*NENE* Sec. 7 Twp. 39N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4520 Quad. Esplanade (7 1/2')

Sampler Bohner

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

DESCRIPTION:

WATER TEMP. °C 56<sup>c</sup> DISCHARGE 40-50 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 gravel bed on ROCK DATA: \_\_\_\_\_

pediment TYPE (SURFACE) Qs

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE \_\_\_\_\_  
MEGASCOPIC \_\_\_\_\_  
MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Recreation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Ranching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No picture - heavy rain

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11335 Date 5/24/77 Time 1115

Name Sec 11 CW Location: Co. Nevada State Calif.

NWNN

Sec. 11 Twp. 41N R. 16E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4570 Quad. Hansen Island (7 1/2')

Sampler Rhabe

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

DESCRIPTION:

WATER TEMP. °C 10°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) Qal

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

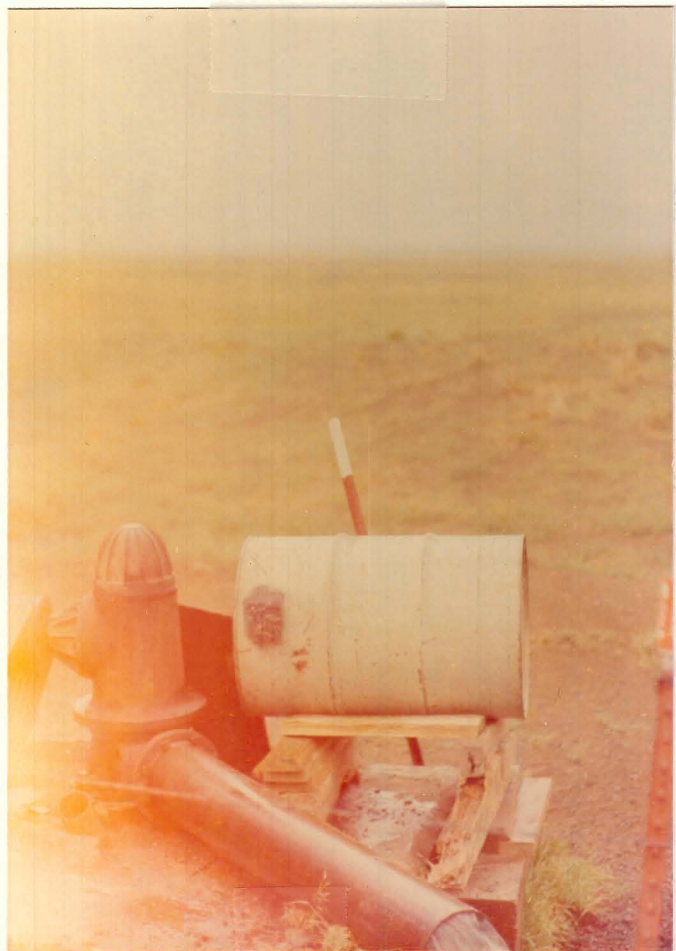
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBRE 7



11/13/38

GENERAL NOTES

WATER TEND

GRAND TRAIL

1938

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1962

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11336 Date 8/24/77 Time 1200

Name Sec 35 C.W. Location: Co. Modoc State Calif

Sec. 35 Twp. 41N R. 16E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4620 Quad. Hansen Island (7 1/2')

Sampler R. Bahes

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

DESCRIPTION:

WATER TEMP. °C 12°C DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 6"

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:

TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER:

TYPE 0 RX TYPE (AT DEPTH) \_\_\_\_\_

QUANTITY \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR Livestock

COLOR \_\_\_\_\_ Ranching

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION \_\_\_\_\_

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR5F8

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11337 Date 4/1/77 Time 0945

Name Sec 29 CW Location: Co. Modoc State Calif

*NWNE*

Sec. 29 Twp. 92N R. 16E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4620 Quad. Warner Peak (7 1/2')

Sampler RBabe

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

DESCRIPTION:

WATER TEMP. °C 12<sup>s</sup> 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) Qal

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

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 Pump

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

*RRSFA (Not printed)*

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11338 Date 8/24/77 Time 1010

Name Sec 34 CW Location: Co. Modoc State Calif

*SWNW* Sec. 34 Twp. 42N R. 16E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of 11

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4500 Quad. Harmon Peak (15')

Sampler Roberts

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 sulfurous BORE 4"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE slightly bitter STATIC HEAD -

BUBBLING 0 SCALING -

BOILING 0 TYPE OF PIPING Steel pipe

VEGETATION 0 ARTESIAN HEAD During winter only

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 \_\_\_\_\_

RB RSTG



✓  
Send Analysis

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11339 Date 8-23-77 Time 11:30

Name Dick H.W. Location: Co. Madoc State Ca

Sec. SW NW 3 Twp. 40W R. 13E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4400 Quad. Alturas

Sampler J.D.

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

DESCRIPTION:

WATER TEMP. °C 42°C DISCHARGE 1000 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 8'

FLUID COLOR 0 PUMP TYPE -

FLUID TASTE 0 STATIC HEAD -

BUBBLING 0 SCALING -

BOILING 0 TYPE OF PIPING Steel

VEGETATION 0 ARTESIAN HEAD 400

FLUID ISSUES FROM bathtub ROCK DATA:

TYPE (SURFACE) Cal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC \_\_\_\_\_

MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR bathtubs

QUANTITY \_\_\_\_\_ IMMEDIATE AREA nanching

USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY Gordon Dick Box 116 Likely Ca 96116

PREVIOUS AND/OR CURRENT LEASES NO



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11340 Date 8/25 Time 1430

Name Shaffer CW Location: Co. Lassen State Calif

NESW Sec. 25 Twp. 31N R. 14E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4429 Quad. Karlo 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 15 DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR \_\_\_\_\_ BORE 2"

FLUID COLOR \_\_\_\_\_ PUMP TYPE windmill

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR IMMEDIATE AREA USED FOR wildlife

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION wind

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

DM R5 F11



DEPTH

CORE

TYPE

STATE

SCALE

TYPE OF

WATER

DATE

WELL

NO.

SECTION

TOWNSHIP

RANGE

COUNTY

STATE

WELL

NO.

DATE

WELL

NO.

DATE

WELL

NO.

DATE

AIR

TEMP.

WIND

DIRECTION

SPEED

RELATIVE

HUMIDITY

WIND

VELOCITY

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11341 Date 8/25 Time 1100

Name Bruebeck CS Location: Co. Lassen State Calif.

S Sec. 34 Twp. 30N R. 16E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4720 Quad. Wendel 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 16 DISCHARGE 1 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR \_\_\_\_\_ BORE \_\_\_\_\_

FLUID COLOR greenish due to algae PUMP TYPE \_\_\_\_\_

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pipe in ROCK DATA:

tank TYPE (SURFACE) ? probably basic flow

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE no MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES 1

ON R5 F10





Send  
Analysis:

Helen K. Hollingsworth  
P.O. Box 61  
Greenville, Calif. ✓  
95947

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11342 Date 8/26 Time 930

Name Indian Valley HS Location: Co. Plumas State Calif.

NWSE Sec. 2 Twp. 26N R. 9E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3560 Quad. Greenville 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 49 DISCHARGE pumped in recent years 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:

TYPE no GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

IMMEDIATE AREA USED FOR both town

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

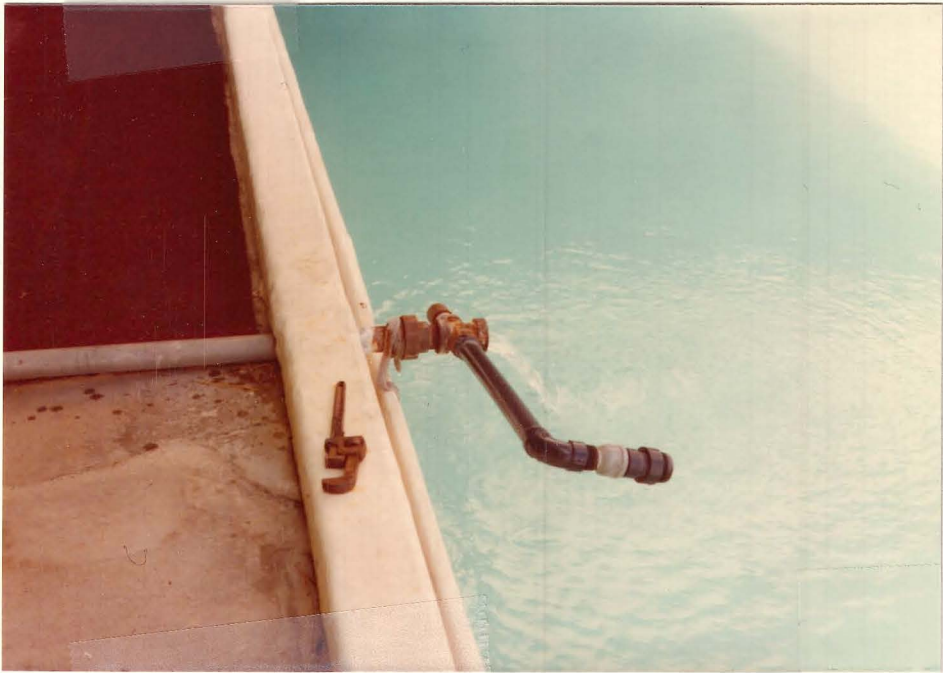
QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY Mrs. Hollingsworth

PREVIOUS AND/OR CURRENT LEASES no

DM R5 F13



DEPTH

WIRE

LOGS - TIME

STATION NO.

DATE

TIME

LOCATION

WIND

SEA

TEMP

WIND

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WIND

Send Don Garate  
Analysis: Box 7  
Ravendale, Cal.

96123

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11343 Date 8/25 Time 1545

Name Spanish Springs WW Location: Co. Lassen State Calif.

NWSW Sec. 17 Twp. 33NR. 15E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5435 Quad. Barlo 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 25 DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH ≈ 400'

ODOR - BORE ?

FLUID COLOR - PUMP TYPE diesel

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING -

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) local?

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR irrigation

COLOR \_\_\_\_\_ ranch

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Mr. Fredrickson

PREVIOUS AND/OR CURRENT LEASES no

DM R5 F12

WATER QUALITY CONTROL BOARD

Station No. \_\_\_\_\_

Location \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

Operator \_\_\_\_\_

Inspector \_\_\_\_\_

Remarks \_\_\_\_\_

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Send Analysis

Jim Stone ✓  
P.O. Box 517  
Susanville, Calif.

96103  
(North State Growers)

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11344 Date 8/25 Time 900

Name N. State Growers HW Location: Co. Lassen State Calif.

SE NW Sec. 5 Twp. 29N R. 12E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4200 Quad. Susanville 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 55 → DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 301'

ODOR sulphur BORE 6"

FLUID COLOR - PUMP TYPE electric

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING -

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM PVC pipe in ROCK DATA:

greenhouse TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE no MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR heating greenhouse

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY N. State Growers

PREVIOUS AND/OR CURRENT LEASES no

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11345 Date 8/23 Time 1200

Name NW NE 18 CW Location: Co. Lassen State Calif.

NW NE Sec. 18 Twp. 26N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4190 Quad. Doyle 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 17 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 no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

IMMEDIATE AREA USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F3a

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11345 Date 8/23 Time 1200

Name NW NE 18 CW Location: Co. Lassen State Calif.

NW NE Sec. 18 Twp. 26N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4190 Quad. Doyle 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 17 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 no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR IMMEDIATE AREA USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F3a





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11346 Date 8/23 Time 1330  
 Name 26N18E CW Location: Co. Washoe State Nev.  
 Sec. \_\_\_\_\_ Twp. 26N R. 18E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4050 Quad. Lovelock AMS  
 Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C	<u>15</u>	DISCHARGE	<u>-</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	<u>80'</u>
ODOR	<u>-</u>	BORE	<u>-</u>
FLUID COLOR	<u>-</u>	PUMP TYPE	<u>gas</u>
FLUID TASTE	<u>-</u>	STATIC HEAD	<u>-</u>
BUBBLING	<u>-</u>	SCALING	<u>-</u>
BOILING	<u>-</u>	TYPE OF PIPING	<u>steel</u>
VEGETATION	<u>-</u>	ARTESIAN HEAD	<u>no</u>
FLUID ISSUES FROM	<u>pipe</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	_____

SALT:

TYPE	<u>no</u>	GRAIN SIZE MEGASCOPIC MINERALS	_____
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	ALTERATION	_____

SINTER:

TYPE	<u>no</u>	RX TYPE (AT DEPTH)	_____
QUANTITY	_____	WATER USED FOR IMMEDIATE AREA USED FOR	<u>drinking</u>
COLOR	_____		_____
FORM	_____	QUALITY OF SAMPLE: EXC., <u>GOOD</u> , POOR	_____

PROBABLE CAUSE OF MANIFESTATION pump  
 PROPERTY OWNED BY BLM?  
 PREVIOUS AND/OR CURRENT LEASES ?  
no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11347 Date 8/24 Time 1330

Name NWSE 18 CW Location: Co. Lassen State Calif.

NWSE Sec. 18 Twp. 28N R. 17E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4030 Quad. Wendel 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 16° DISCHARGE 7 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. \_\_\_\_\_ DEPTH ?

ODOR - BORE ?

FLUID COLOR - PUMP TYPE -

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING no

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD yes

FLUID ISSUES FROM pipe ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R5 F8

NAME: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 TIME: \_\_\_\_\_  
 WEATHER: \_\_\_\_\_  
 SURFACE: \_\_\_\_\_  
 DEPTH: \_\_\_\_\_  
 TEMPERATURE: \_\_\_\_\_  
 PH: \_\_\_\_\_  
 CONDUCTIVITY: \_\_\_\_\_  
 TDS: \_\_\_\_\_  
 TURBIDITY: \_\_\_\_\_  
 CHLOROPHYLL A: \_\_\_\_\_  
 CHLOROPHYLL B: \_\_\_\_\_  
 CHLOROPHYLL C: \_\_\_\_\_  
 CHLOROPHYLL TOTAL: \_\_\_\_\_  
 PHOTODIODE: \_\_\_\_\_  
 FLUORESCENCE: \_\_\_\_\_  
 OBSERVATIONS: \_\_\_\_\_  
 COMMENTS: \_\_\_\_\_



EXC. BOOK 1008

# Rock Sample

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11348 Date 8/24 Time 1230

Name Amedeo HS Location: Co. Lassen State Calif.

NUNE Sec. 8 Twp. 28N.R. 16E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Mendel 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 92 DISCHARGE 300 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR - BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE mildly saline STATIC HEAD \_\_\_\_\_

BUBBLING yes SCALING \_\_\_\_\_

BOILING yes TYPE OF PIPING \_\_\_\_\_

VEGETATION - ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM alluvium ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE KCl

QUANTITY minor

COLOR white

FORM amorphous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR \_\_\_\_\_

QUANTITY minor IMMEDIATE AREA USED FOR irrigation

COLOR white farming

FORM sub-layered QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R5 F7



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11349 Date 8/24 Time 1115

Name SWNW 24 WS Location: Co.  Lassen  State  Calif.

SWNW Sec.  24  Twp.  29N  R.  15E  ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation  4030  Quad.  Mendel 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  28  DISCHARGE  40   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  needs  ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM  end of  ROCK DATA:

tufa ridge  TYPE (SURFACE)  tufa

COLOR  grey

SALT: GRAIN SIZE \_\_\_\_\_

TYPE  KCl  MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY  major

COLOR  white

FORM  amorphous  ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE  tufa  WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY  major  USED FOR  cattle

COLOR  grey   grazing

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD,  POOR

PROBABLE CAUSE OF MANIFESTATION  fault

PROPERTY OWNED BY  BLM?

PREVIOUS AND/OR CURRENT LEASES  ?

DM R5 F6





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11350 Date 8/23 Time 1445

Name Liverock WW Location: Co. Washoe State Nev.

Sec. \_\_\_\_\_ Twp. 26N R. 18E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Lovelock AMS

Sampler Dallen Masterson

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. \_\_\_\_\_ DEPTH ?

ODOR - BORE ?

FLUID COLOR - PUMP TYPE -

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING -

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD yes

FLUID ISSUES FROM pipe ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) Qd

COLOR \_\_\_\_\_

SALT: \_\_\_\_\_ GRAIN SIZE \_\_\_\_\_

TYPE no MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: \_\_\_\_\_ RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR IMMEDIATE AREA cattle

QUANTITY \_\_\_\_\_ 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 R4F34



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11351 Date 8/23 Time 1515  
 Name 26N 19E WW Location: Co. Washoe State Nev.  
 Sec. \_\_\_\_\_ Twp. 26N R. 19E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Lovelock AMS  
 Sampler Dallan Masterson

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

DESCRIPTION:

WATER TEMP. °C	<u>19.5</u>	DISCHARGE	<u>5</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	<u>?</u>
ODOR	<u>-</u>	BORE	<u>12"</u>
FLUID COLOR	<u>-</u>	PUMP TYPE	<u>-</u>
FLUID TASTE	<u>-</u>	STATIC HEAD	<u>-</u>
BUBBLING	<u>-</u>	SCALING	<u>-</u>
BOILING	<u>-</u>	TYPE OF PIPING	<u>steel</u>
VEGETATION	<u>-</u>	ARTESIAN HEAD	<u>yes</u>
FLUID ISSUES FROM	<u>pipe</u>	ROCK DATA:	
	_____	TYPE (SURFACE)	<u>Gal</u>
	_____	COLOR	_____

SALT:

TYPE	<u>no</u>	GRAIN SIZE MEGASCOPIC MINERALS	_____
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	ALTERATION	_____

SINTER:

		RX TYPE (AT DEPTH)	_____
TYPE	<u>no</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>livestock ranching</u>
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	QUALITY OF SAMPLE: EXC., <u>GOOD</u> , POOR	_____

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F35



Send David J. Ross ✓  
Analysis: % Alva Bennett  
Star Route, Milford  
96121

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11352 Date 8/23 Time 900

Name NW 9 CW Location: Co.  Lassen  State  Calif

Sec.  9  Twp.  27N  R.  14E  ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation  4040  Quad.  Milford 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  13  DISCHARGE  -  gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH  400'

ODOR  -  BORE \_\_\_\_\_

FLUID COLOR  milky due to air bubbles  PUMP TYPE  electric

FLUID TASTE  -  STATIC HEAD \_\_\_\_\_

BUBBLING  -  SCALING \_\_\_\_\_

BOILING  -  TYPE OF PIPING  steel

VEGETATION  -  ARTESIAN HEAD  no

FLUID ISSUES FROM  pipe  ROCK DATA:

TYPE (SURFACE)  Gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE  no  MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE  no  WATER USED FOR  irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR  farming

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD,  POOR

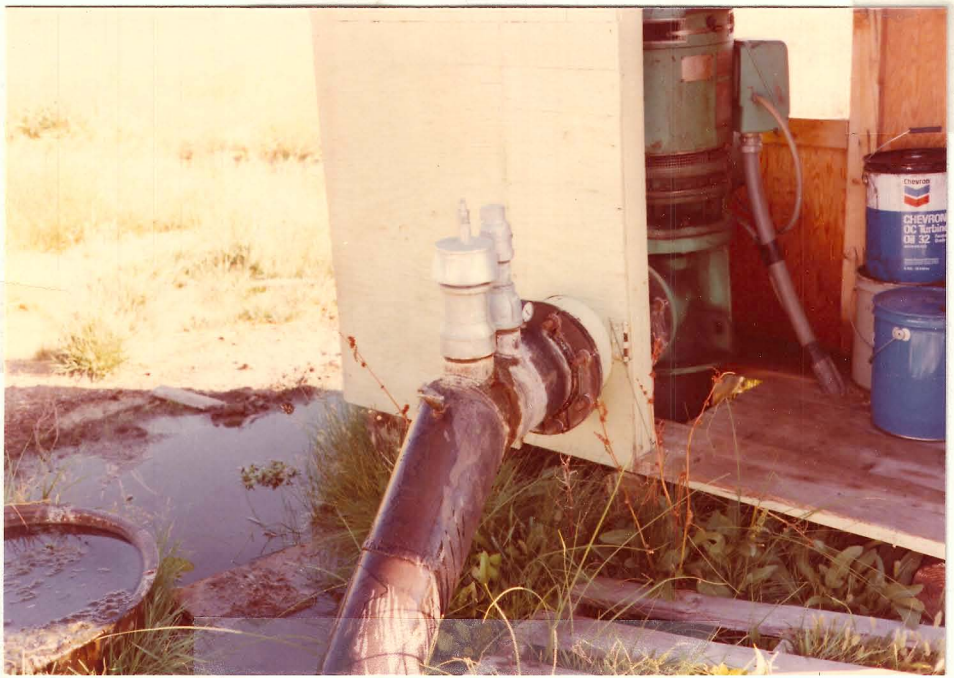
PROBABLE CAUSE OF MANIFESTATION  pump

PROPERTY OWNED BY  David J. Ross

PREVIOUS AND/OR CURRENT LEASES  no

DM R4 F30

358



DEPTH

FOUR

PUMP TYPE

STATIC HEAD

SEALING

WELL CEMENT

WELL DIAMETER

WELL DEPTH

WELL LOCATION

DATE

WELL TYPE

WELL STATUS

WELL ID

WELL DEPTH

WELL DIAMETER

WELL TYPE

WELL STATUS

WELL LOCATION

DATE

WELL TYPE

WELL STATUS

WELL LOCATION

DATE

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11353 Date 8/23 Time 1300

Name Fish WS Location: Co. Washoe State Nev.

Sec. \_\_\_\_\_ Twp. 26N R. 19E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Lovelock 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 23 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 concrete ROCK DATA:

pond TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

TYPE no \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR drinking

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR farming

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R4 F33

Handwritten notes on lined paper, including a header "UNIT 10" and various illegible entries.





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11354 Date 8/23 Time 1000

Name Honey Lake Island CS Location: Co. Lassen State Calif.

NW Sec. 29 Twp. 27N R. 16E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Doyle 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 16° 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	<u>green algae</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM center of concrete tank ROCK DATA: TYPE (SURFACE) Qal

SALT: TYPE no GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: TYPE no RX TYPE (AT DEPTH) \_\_\_\_\_

QUANTITY \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR cattle

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 R4 F31



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11355 Date 8/24 Time 1530  
 Name High Rock Ranch WS Location: Co. Lassen State Calif.  
 SW Sec. 25 Twp. 28N R. 17E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4020 Quad. Doyle 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	<u>29</u>	DISCHARGE	<u>1200</u> (gpm/Lpm)
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>-</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	_____
FLUID TASTE	<u>-</u>	STATIC HEAD	_____
BUBBLING	<u>-</u>	SCALING	_____
BOILING	<u>-</u>	TYPE OF PIPING	_____
VEGETATION	<u>-</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM	<u>lime rock</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>limestone &amp; tufa</u>
_____	_____	COLOR	<u>grey</u>
_____	_____	GRAIN SIZE	<u>fine</u>
_____	_____	MEGASCOPIC MINERALS	_____

SALT:

TYPE no  
 QUANTITY \_\_\_\_\_  
 COLOR \_\_\_\_\_  
 FORM \_\_\_\_\_

ALTERATION minor

SINTER:

TYPE no  
 QUANTITY \_\_\_\_\_  
 COLOR \_\_\_\_\_  
 FORM \_\_\_\_\_

RX TYPE (AT DEPTH) \_\_\_\_\_  
 WATER USED FOR IMMEDIATE AREA USED FOR drinking ranch

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault?  
 PROPERTY OWNED BY \_\_\_\_\_  
 PREVIOUS AND/OR CURRENT LEASES ?

DM R5 F9



Send  
Analysis:

Randy Gutman  
506 Woodside Way  
Susanville, Calif.  
96103

Rock Sample ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11356 Date 8/24 Time 945  
Name Holo HS Location: Co. Lassen State Calif.  
Sec. \_\_\_\_\_ Twp. 29N R. 15E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4000 Quad. Swanville AMS  
Sampler Dallam Masterson

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

85°C where sample taken

DESCRIPTION:

WATER TEMP. °C 227°F at 17' ↑  
GROUND TEMP. °C \_\_\_\_\_  
AIR TEMP. \_\_\_\_\_  
ODOR \_\_\_\_\_  
FLUID COLOR \_\_\_\_\_  
FLUID TASTE saline  
BUBBLING yes  
BOILING yes  
VEGETATION \_\_\_\_\_

DISCHARGE 450 gpm/Lpm  
WELL DATA: discharge of whole system probably 1,000 gpm  
DEPTH \_\_\_\_\_  
BORE \_\_\_\_\_  
PUMP TYPE \_\_\_\_\_  
STATIC HEAD \_\_\_\_\_  
SCALING \_\_\_\_\_  
TYPE OF PIPING \_\_\_\_\_  
ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM concrete tank,  
other smaller springs  
issue along fault to S

ROCK DATA:  
TYPE (SURFACE) tufa, sinter  
COLOR white to grey  
GRAIN SIZE fine  
MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE KCl?  
QUANTITY major  
COLOR white  
FORM \_\_\_\_\_

ALTERATION minor

SINTER:

TYPE tufa  
QUANTITY major  
COLOR grey  
FORM sub-layered

RX TYPE (AT DEPTH) \_\_\_\_\_  
WATER USED FOR IMMEDIATE AREA greenhouse  
USED FOR \_\_\_\_\_

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

DM R4 F36



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11357 Date 8/27 Time 1700

Name Fish Slu WS Location: Co. Mono State Calif

*nwnw* Sec. 18 Twp. 5S R. 33E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4205 Quad. White Mtn. Peal 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 20 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 grass, reeds ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM lava ROCK DATA:

tablelands TYPE (SURFACE) acidic lava

COLOR red

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 R5 F25





Send Analysis: Cottonwood Canyon Ranch  
Route 4, Box 15  
Bishop, Calif. 93514

✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11358 Date 8/27 Time 1530

Name Cottonwood Canyon CW Location: Co. Mono State Calif.

SENW Sec. 36 Twp. 3 S R. 32 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4530 Quad. White 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 16.5 DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. \_\_\_\_\_ DEPTH ?

ODOR - BORE 12"

FLUID COLOR - PUMP TYPE electric

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING -

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM pipe ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: \_\_\_\_\_ GRAIN SIZE MEGASCOPIIC MINERALS \_\_\_\_\_

TYPE no

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: \_\_\_\_\_ RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR IMMEDIATE AREA USED FOR irrigation

QUANTITY \_\_\_\_\_ farming

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R5 F21



Send Bill Sorrells  
Analysis: Route 4, Box 17K ✓  
Bishop, Calif.  
93514

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11359 Date 8/27 Time 1315

Name Yellowjacket WS Location: Co. Mono State Calif.

NWSE Sec. 6 Twp. 3S R. 32E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5720 Quad. White 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 19 DISCHARGE pumped 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 wash 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 \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES ?

DM R5 F20



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11360 Date 8/27 Time 1200

Name Banner Springs CW Location: Co. Mono State Calif.

NW SE Sec. 18 Twp. 3S R. 31E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 7286 Quad. Casa Diablo Mon. 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 15 DISCHARGE — gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH ?

ODOR — BORE 1 1/2"

FLUID COLOR — PUMP TYPE windmill

FLUID TASTE — STATIC HEAD —

BUBBLING — SCALING —

BOILING — TYPE OF PIPING steel

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 drinking

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR camping

COLOR \_\_\_\_\_

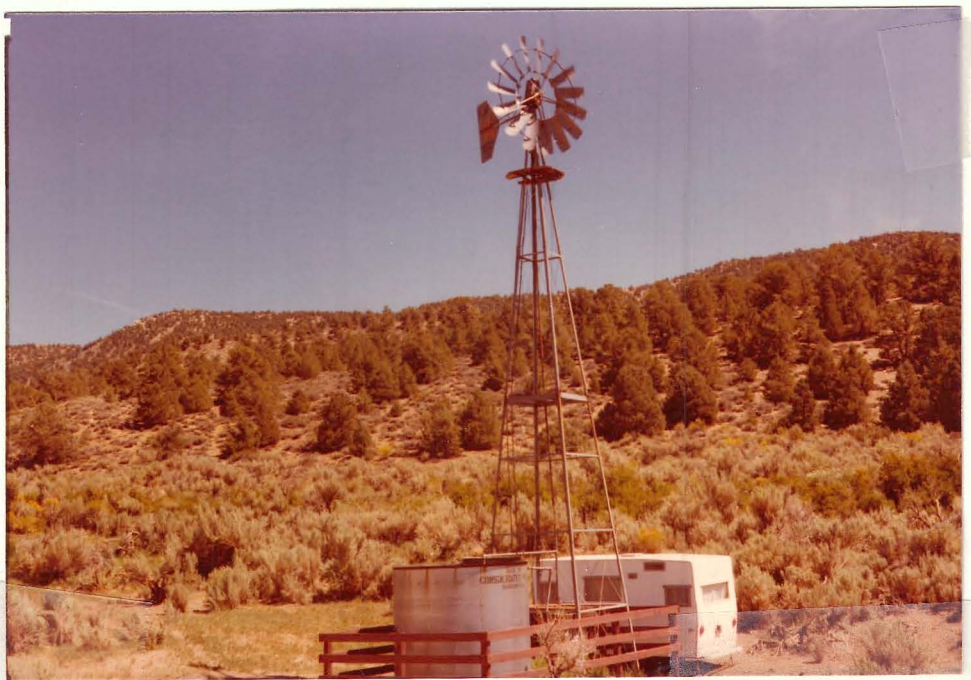
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

DM R5 F19



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11361 Date 8/27 Time 1145

Name SESE 30 CW Location: Co. Mono State Calif.

SESE Sec. 30 Twp. 3S R. 31E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6960 Quad. Casa Diablo Mon. 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 11 DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH ?

ODOR - BORE 1 1/2"

FLUID COLOR - PUMP TYPE windmill

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING -

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: \_\_\_\_\_ GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE no

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: \_\_\_\_\_ RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR drinking

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR camping

COLOR \_\_\_\_\_

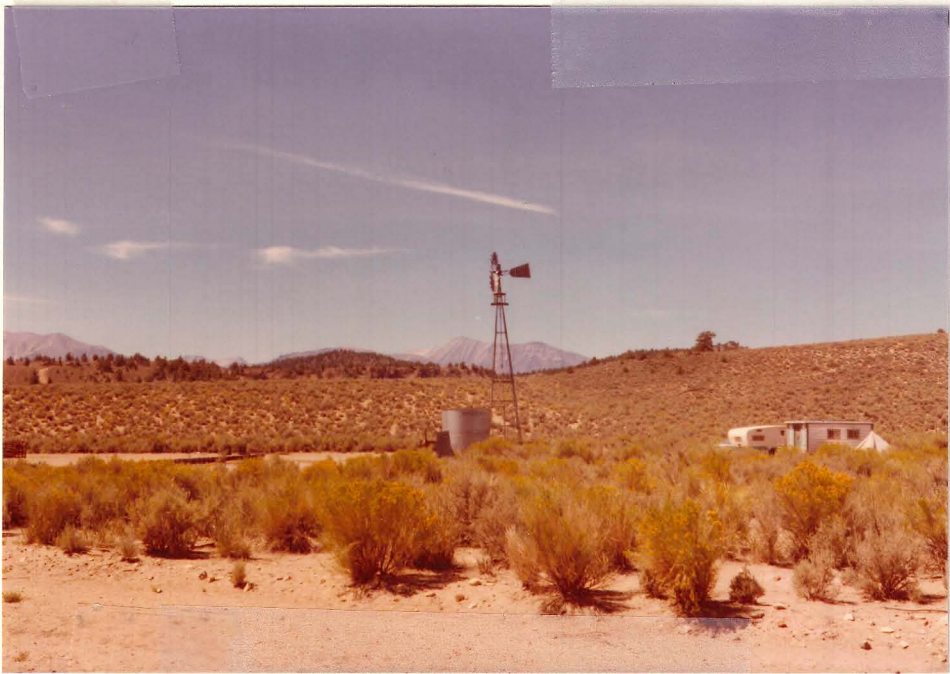
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

OM '85 F18





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11362 Date 8/27 Time 1115

Name Watterson Canyon WS Location: Co. Mono State Calif.

SWSE Sec. 36 Twp. 3S R. 29E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6840 Quad. Casa Diablo 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 30 DISCHARGE 30 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 brown algae, grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM aluminum ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE no

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 ?

OM R5 F17



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11363 Date 8/27 Time 1045

Name Hong Valley CW Location: Co. Mono State Calif

NE NW

Sec. 13 Twp. 35 R. 29E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6847 Quad. Casa Diablo Mtn. 15'

Sampler Dallam Musterson

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

DESCRIPTION:

WATER TEMP. °C 11 DISCHARGE 6 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. \_\_\_\_\_ DEPTH 7

ODOR - BORE 5"

FLUID COLOR - PUMP TYPE -

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING -

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD yes

FLUID ISSUES FROM pipe in ROCK DATA: \_\_\_\_\_

wellhead TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR cattle

IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

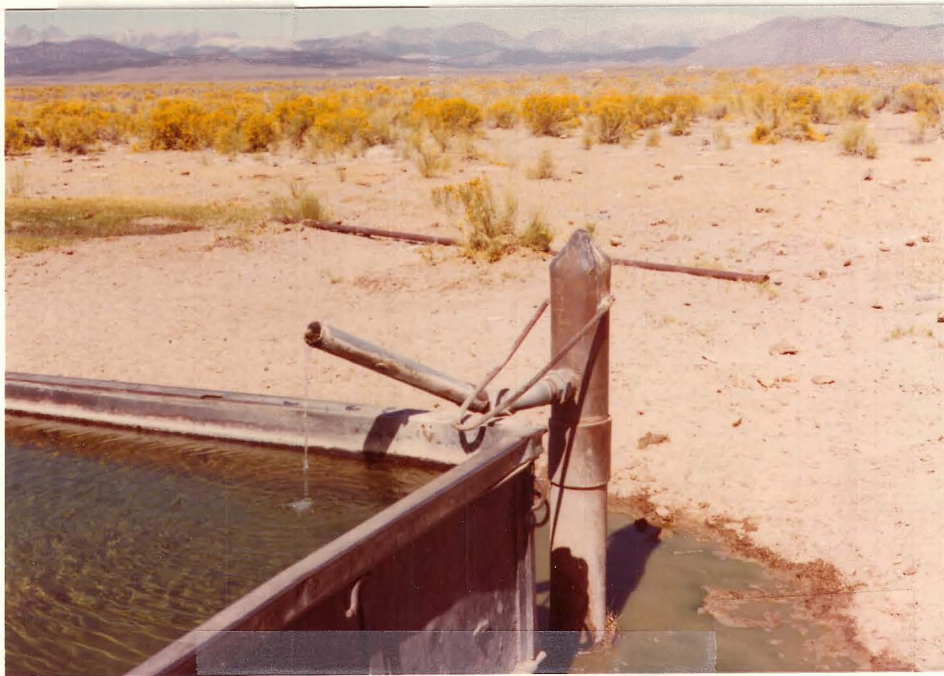
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydroge flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

DM R5 F16



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11364 Date 8-27-77 Time 19:10  
 Name N. McWALLY W.W. Location: Co. Inyo State Ca  
 Sec. NE 22 Twp. 6S R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4130 Quad. Bishop  
 Sampler S.D.

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

DESCRIPTION:

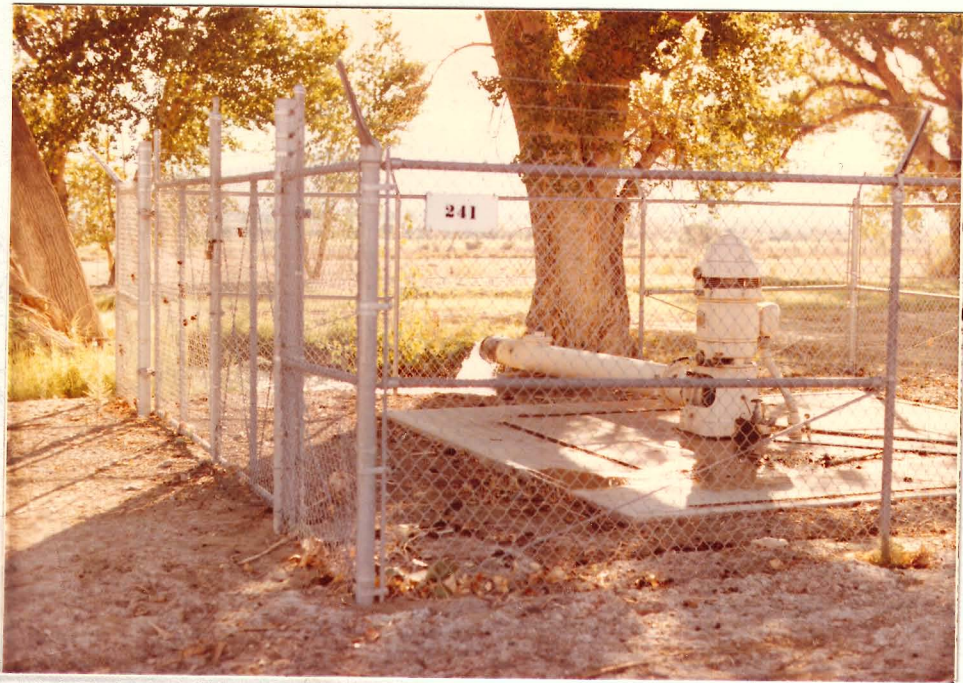
WATER TEMP. °C	<u>20.5</u>	DISCHARGE	<u>1500</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	_____
AIR TEMP.	_____	DEPTH	<u>?</u>
ODOR	<u>0</u>	BORE	<u>15"</u>
FLUID COLOR	<u>0</u>	PUMP TYPE	<u>electric</u>
FLUID TASTE	<u>0</u>	STATIC HEAD	<u>?</u>
BUBBLING	<u>0</u>	SCALING	<u>no</u>
BOILING	<u>0</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>0</u>	ARTESIAN HEAD	<u>no</u>
FLUID ISSUES FROM	<u>Steel pipe</u>	ROCK DATA:	_____
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	_____
SALT:	_____	GRAIN SIZE	_____
TYPE	<u>0</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____	ALTERATION	_____
FORM	_____	RX TYPE (AT DEPTH)	_____
SINTER:	_____	WATER USED FOR	<u>LA</u>
TYPE	<u>0</u>	IMMEDIATE AREA	<u>ranching</u>
QUANTITY	_____	USED FOR	_____
COLOR	_____	QUALITY OF SAMPLE:	<u>EXC.</u> , GOOD, POOR
FORM	_____		

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R9 P14



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11365 Date 8-27-77 Time 18:00  
 Name Poleta Canyon U.S. Location: Co. Inyo State Ca  
 Sec. SWSE 18 Twp. 7S R. 34E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4540 Quad. Bishop  
 Sampler SD.

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

DESCRIPTION:

WATER TEMP. °C 23.5 DISCHARGE 500 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 sand in

ROCK DATA:

steel tank bottom

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE  
MEGASCOPIC  
MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0

WATER USED FOR  
IMMEDIATE AREA  
USED FOR bachs  
ranching

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES ?

FDR9FA2





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11366 Date 8-27-77 Time 17:00  
 Name SW Section 8 W.S. Location: Co. Inyo State Ca  
 Sec. SW 8 Twp. 8S R. 34 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4005 Quad. Bishop  
 Sampler B.D.

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

DESCRIPTION:

WATER TEMP. °C 28° DISCHARGE 2000 (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, algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel at ROCK DATA:

slope break TYPE (SURFACE) Rhyolite

COLOR Brown

SALT: GRAIN SIZE 2-7

TYPE 0 MEGASCOPIC MINERALS aphanitic

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION weathering

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR 0

QUANTITY Trace IMMEDIATE AREA USED FOR ranching

COLOR orange

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

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FDR9F11

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
PROJECT: \_\_\_\_\_  
SHEET NO. \_\_\_\_\_

DEPTH: \_\_\_\_\_  
SOIL: \_\_\_\_\_  
ROCK TYPE: \_\_\_\_\_  
GRAVEL: \_\_\_\_\_  
SAND: \_\_\_\_\_  
CLAY: \_\_\_\_\_  
SILT: \_\_\_\_\_  
COLOUR: \_\_\_\_\_  
TEMPERATURE: \_\_\_\_\_  
WATER: \_\_\_\_\_  
MOISTURE: \_\_\_\_\_



BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
FOR: \_\_\_\_\_  
QUALITY CONTROL: \_\_\_\_\_  
REVISIONS: \_\_\_\_\_

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11367 Date 8-27-77 Time 18:00  
 Name Law W.W. Location: Co. Inyo State Ca  
 Sec. SE 27 Twp. 6S R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4120 Quad. Bishop  
 Sampler 3D

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

DESCRIPTION:

WATER TEMP. °C	<u>20</u>	DISCHARGE	<u>1500</u> (gpm/Lpm)
GROUND TEMP. °C	_____	WELL DATA:	_____
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>0</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>0</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>Steel pipe</u>	ROCK DATA:	_____
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	_____

SALT:

TYPE	<u>0</u>	GRAIN SIZE MEGASCOPIC MINERALS	_____
QUANTITY	_____	_____	_____
COLOR	_____	_____	_____
FORM	_____	ALTERATION	_____

SINTER:

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

PROBABLE CAUSE OF MANIFESTATION well  
 PROPERTY OWNED BY \_\_\_\_\_  
 PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

FD 29513



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11368 Date 8-27-77 Time 1400

Name KEDOUGH H.S. Location: Co. Inyo State Ca

Sec. SE NW 17 Twp. T8S R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4120 Quad. Bishop Ca

Sampler 2.60

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

DESCRIPTION:

WATER TEMP. °C 52 DISCHARGE 1000 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 green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM cement top ROCK DATA:

TYPE (SURFACE) Granite

COLOR white-spray

GRAIN SIZE coarse

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION no

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Baths

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R9F10



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11369 Date 8-26-77 Time 1400  
 Name Willow Meadow C.S. Location: Co Inyo State Ca  
 Sec. SWNW12 Twp. T6S R. R31E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5250 Quad. MT Tom  
 Sampler SH

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

DESCRIPTION:

WATER TEMP. °C 12.5 DISCHARGE 1000 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 pediment ROCK DATA:  
gravel TYPE (SURFACE) Bas  
 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 0  
 QUANTITY \_\_\_\_\_ USED FOR ranching  
 COLOR \_\_\_\_\_

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

PROBABLE CAUSE OF MANIFESTATION not hydro flow

PROPERTY OWNED BY U.S. F.S.

PREVIOUS AND/OR CURRENT LEASES ?

FDR9F9

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11370 Date 8-28-77 Time 1500

Name Hunter Canyon U.S. Location: Co Imp State Ca

Sec. 26 Twp. 14S R. 38E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 11000 Quad. New York Butte

Sampler 2D

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

DESCRIPTION:

WATER TEMP. °C 23 DISCHARGE 1000 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 Stream gravel 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION nat hydro flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

FD R9 F23





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11371 Date 8-28-77 Time 1300

Name Palm HS. Location: Co. Inyo State Ca

Sec. SE NE 18 Twp. 13S R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. WALCOBIA Wash

Sampler S.D.

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

DESCRIPTION:

WATER TEMP. °C 48 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 minor SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM travertine ROCK DATA:

pipe TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0 \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO3 WATER USED FOR \_\_\_\_\_

QUANTITY mod IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR white \_\_\_\_\_

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

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

FDR9R20



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11372 Date 8-28-77 Time 11:30

Name Bad Water Springs Location: Co. Inyo State Ca

Sec. NW25 Twp. 13S R. 37E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 1600 Quad. Waucoha, Wash

Sampler 30

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

DESCRIPTION:

WATER TEMP. °C 35 DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 35 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 cliff ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR \_\_\_\_\_

QUANTITY minor IMMEDIATE AREA USED FOR 0

COLOR white

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

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FDR9K17



Date: 11/11/73  
 Location: Barro Colorado  
 Station: 100  
 Name: Barro Colorado

WATER TYPE: Well  
 QUANTITY: 100  
 TEMPERATURE: 25  
 TASTE: None  
 ODOR: None  
 COLOR: None  
 TURBIDITY: None  
 PH: 7.5  
 EC: 150  
 HARDNESS: 150  
 CHLORIDE: None  
 SULFATE: None  
 NITRATE: None  
 AMMONIA: None  
 PHOSPHATE: None  
 IRON: None  
 MANGANESE: None  
 ZINC: None  
 COPPER: None  
 CADMIUM: None  
 LEAD: None  
 SILICA: None  
 FLUORIDE: None  
 BORON: None  
 SODIUM: None  
 POTASSIUM: None  
 CALCIUM: None  
 MAGNESIUM: None  
 CHLORINE: None  
 BROMINE: None  
 IODINE: None  
 FLUORINE: None  
 PHOSPHORUS: None  
 SULFUR: None  
 CARBON: None  
 NITROGEN: None  
 OXYGEN: None  
 HYDROGEN: None  
 SILICON: None  
 ALUMINUM: None  
 IRON: None  
 MANGANESE: None  
 ZINC: None  
 COPPER: None  
 CADMIUM: None  
 LEAD: None  
 SILICA: None  
 FLUORIDE: None  
 BORON: None  
 SODIUM: None  
 POTASSIUM: None  
 CALCIUM: None  
 MAGNESIUM: None  
 CHLORINE: None  
 BROMINE: None  
 IODINE: None  
 FLUORINE: None  
 PHOSPHORUS: None  
 SULFUR: None  
 CARBON: None  
 NITROGEN: None  
 OXYGEN: None  
 HYDROGEN: None

ANALYSIS: None  
 COMMENTS: None  
 DRAWN BY: None  
 CHECKED BY: None  
 APPROVED BY: None  
 DATE: 11/11/73

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11373 Date 8-28-77 Time 13:35

Name Upper Warm Spr. Location: Co. Inyo State Ca

Sec. NW NE 9 Twp. 13S R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 1695 Quad. Dry Mountain

Sampler 310

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

DESCRIPTION:

WATER TEMP. °C 38 DISCHARGE 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 green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

FDR9F19

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11374 Date 8-28-77 Time 1245  
 Name LOWER Warm Spgs. Location: Co. Inyo State Ca  
 Sec. S6 SE 18 Twp. 13S R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Wausoba Wash  
 Sampler SD

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

DESCRIPTION:

WATER TEMP. °C	<u>46</u>	DISCHARGE	<u>50</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>0</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>algae</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>Travertine</u>	ROCK DATA:	
	<u>in mound</u>	TYPE (SURFACE)	<u>Cal</u>
	_____	COLOR	_____

SALT:

TYPE	<u>0</u>	GRAIN SIZE MEGASCOPIC MINERALS	_____
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	ALTERATION	_____

SINTER:

TYPE	<u>Travertine</u>	RX TYPE (AT DEPTH)	_____
QUANTITY	<u>moderate</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>both</u>
COLOR	<u>white</u>		<u>0</u>
FORM	<u>amph.</u>	QUALITY OF SAMPLE: <u>EXC.</u> , GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION fault  
 PROPERTY OWNED BY BLM  
 PREVIOUS AND/OR CURRENT LEASES ?

FD R9F18

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11374 Date 8-28-77 Time 1245  
 Name LOWER Warm Spgs. Location: Co. Inyo State Ca  
 Sec. S6 SE 18 Twp. 13S R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Wausoba Wash  
 Sampler SD

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

DESCRIPTION:

WATER TEMP. °C	<u>46</u>	DISCHARGE	<u>50</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>0</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>algae</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>Travertine</u>	ROCK DATA:	
	<u>in mound</u>	TYPE (SURFACE)	<u>Cal</u>
	_____	COLOR	_____

SALT:

TYPE	<u>0</u>	GRAIN SIZE MEGASCOPIC MINERALS	_____
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	ALTERATION	_____

SINTER:

TYPE	<u>Travertine</u>	RX TYPE (AT DEPTH)	_____
QUANTITY	<u>moderate</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>both</u>
COLOR	<u>white</u>		<u>0</u>
FORM	<u>amph.</u>	QUALITY OF SAMPLE: <u>EXC.</u> , GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION fault  
 PROPERTY OWNED BY BLM  
 PREVIOUS AND/OR CURRENT LEASES ?

FD R9F18





Send Darrel Erikson  
Analysis: P.O. Box 562  
Big Pine Calif.  
93513

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11375 Date 8/28 Time 1300

Name Millerson WS Location: Co. Inyo State Calif.

NWNE Sec. 10 Twp. 9S R. 34E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4040 Quad. Waucoba Mtn. 15'

Sampler Dallan Moterson

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

DESCRIPTION:

WATER TEMP. °C 20 DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR - BORE \_\_\_\_\_

FLUID COLOR L PUMP TYPE \_\_\_\_\_

FLUID TASTE - STATIC HEAD \_\_\_\_\_

BUBBLING - SCALING \_\_\_\_\_

BOILING - TYPE OF PIPING \_\_\_\_\_

VEGETATION - ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM side of ridge ROCK DATA:

TYPE (SURFACE) ?

COLOR \_\_\_\_\_

SALT:

TYPE ? GRAIN SIZE \_\_\_\_\_

QUANTITY minor MEGASCOPIC \_\_\_\_\_

COLOR white MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR drinking

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY Darrel Erikson

PREVIOUS AND/OR CURRENT LEASES no

DM R5 F26



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11376 Date 8/28 Time 1500

Name SESE 10 WW Location: Co. Inyo State Calif.

SESE Sec. 10 Twp. 9S R. 34E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Mammoth 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 19 DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 160' to H<sub>2</sub>O

ODOR - BORE ?

FLUID COLOR - PUMP TYPE electric

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING -

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA farm

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

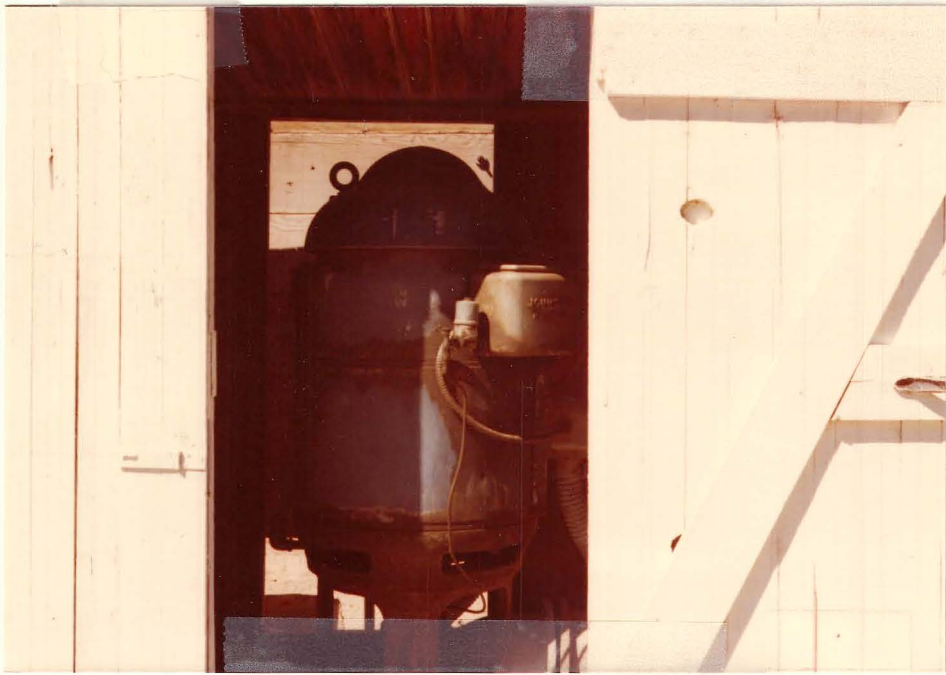
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES no

DM R5 F28



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11377 Date 8/28 Time 1630

Name Soley Cu Location: Co. Inyo State Calif.

SWSE Sec. 2 Twp. 11S R. 34E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3840 Quad. Waucoba 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 18 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 steel

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM 2 12" pipes ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR IMMEDIATE AREA USED FOR drinking in L.A.

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R5 F29

STATE OF ARIZONA

IN SENATE, FEBRUARY 1, 1907.

REPORT OF THE

COMMISSIONERS OF THE

LAND OFFICE

FOR THE YEAR

ENDING DECEMBER 31, 1906.

ALBUQUERQUE, ARIZONA,

1907.

PRINTED BY THE

STATE OF ARIZONA

PRINTING OFFICE

ALBUQUERQUE, ARIZONA,

1907.

STATE OF ARIZONA

COMMISSIONERS OF THE

LAND OFFICE

FOR THE YEAR

ENDING DECEMBER 31, 1906.

ALBUQUERQUE, ARIZONA,

1907.

PRINTED BY THE

STATE OF ARIZONA

PRINTING OFFICE

ALBUQUERQUE, ARIZONA,

1907.

STATE OF ARIZONA

COMMISSIONERS OF THE

LAND OFFICE

FOR THE YEAR

ENDING DECEMBER 31, 1906.

ALBUQUERQUE, ARIZONA,

1907.



not plotted -  
no AMS

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11378 Date 8/28 Time 1800

Name Blackrock CS Location: Co. Imyo State Calif.

SWSU Sec. 2 Twp. 12S R. 34E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3820 Quad. Independence 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 16 DISCHARGE 10,000 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) basalt

COLOR black

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 fish hatchery

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY Los Angeles, city of

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

DM R5 F30





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11379 Date 2/24/77 Time 1115

Name Simons G.S. Location: Co. Hono State Calif

NENW

Sec. 7 Twp. 1N R. 28E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6400 Quad. Contract Mtn (15')

Sampler Rokita

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

DESCRIPTION:

WATER TEMP. °C 12° 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 pin algae / grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Playa on lake bed ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR grazing

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 \_\_\_\_\_

RBRS F11



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11380 Date 8/26/77 Time 1700

Name Baxter c.s. Location: Co. Hono State Calif

NWSE Sec. 1 Twp. 1S R. 28E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 7720 Quad. Cowback Alt. (15')

Sampler Probe

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

DESCRIPTION:

WATER TEMP. °C 14°c DISCHARGE 50-60 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 crack in granite ROCK DATA:

canyon wall TYPE (SURFACE) granite

COLOR light grey

SALT: GRAIN SIZE large

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR IMMEDIATE AREA Nothing

QUANTITY \_\_\_\_\_ 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 R5 F13

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11381 Date 2/26/77 Time 1830

Name McLAUGHLIN C.S. Location: Co. Mono State Calif

Sec. 12 Twp. 2S R. 28E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 8800 Quad. Conback Ntn US'

Sampler R Baker

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

DESCRIPTION:

WATER TEMP. °C 22 DISCHARGE 4-5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 6 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 6 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION fern grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM trench in mountain ROCK DATA:

meadow 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 Recreation

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR5 F14

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11381 Date 2/26/77 Time 1830

Name McLAUGHLIN C.S. Location: Co. Hono State Calif

Sec. 12 Twp. 2S R. 28E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 8800 Quad. Conback Ntn US'

Sampler R Baker

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

DESCRIPTION:

WATER TEMP. °C 22 DISCHARGE 4-5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 6 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 6 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION fern grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM trench in mountain ROCK DATA:

meadow 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 Recreation

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR5 F14

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11382 Date 2/24/77 Time 1530

Name Indian c.s. Location: Co. Mono State Calif

Sec. - Twp. 1N R. 28E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 7600 Quad. Cowback Mtn (15')

Sampler R Baker

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

DESCRIPTION:

WATER TEMP. °C 15°c DISCHARGE 50-60 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 pen grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM bed of mountain ROCK DATA:

canyon TYPE (SURFACE) Volcanic: acidic

COLOR Light

GRAIN SIZE larger

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Nothing

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Nothing

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR5 F12





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11384 Date 8/31 Time 1600  
 Name Texas Spg Campground <sup>drinking H<sub>2</sub>O</sup> Location: Co. Inyo State Calif  
 SE Sec. 15 Twp. 27N R. 1E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 0 (sea level) Quad. Furnace Creek 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 38\* 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 faucet ROCK DATA:

TYPE (SURFACE) Cal

COLOR \_\_\_\_\_

SALT:

TYPE no GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR drinking

FORM \_\_\_\_\_ campground

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pipeline

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

DM R6 F3

\* holes in pipes



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11385 Date 8/31 Time 1515  
 Name Badwater WS Location: Co. Inyo State Calif  
 Sec. - Twp. 20S R. 2E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation -279 Quad. Bennetts Well 15'  
 Sampler Dallan Misterso

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

DESCRIPTION:

WATER TEMP. °C 30 \* DISCHARGE <1 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 42 DEPTH \_\_\_\_\_

ODOR \_\_\_\_\_ BORE \_\_\_\_\_

FLUID COLOR \_\_\_\_\_ PUMP TYPE \_\_\_\_\_

FLUID TASTE very salty STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pool ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE NaCl GRAIN SIZE \_\_\_\_\_

QUANTITY major MEGASCOPIC \_\_\_\_\_

COLOR white MINERALS \_\_\_\_\_

FORM amorphous ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R6 F2

\* solar heated



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11386 Date 8/31 Time 1415

Name Travertine WS Location: Co. Inyo State Calif.

NWNW Sec. 25 Twp. 27N R. 1E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 400 Quad. Furnace Creek 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 30 DISCHARGE 20 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 wash ROCK DATA:

TYPE (SURFACE) Qal  
COLOR \_\_\_\_\_

SALT: TYPE no GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE no WATER USED FOR IMMEDIATE AREA USED FOR water supply

QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow QUALITY OF SAMPLE: EXC., GOOD, POOR

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

DM R5 F35



~~not plotted -~~  
~~no AMS~~

Send M & M Ranch ✓  
Analysis: Box 109B, Brown Rd.  
Inyokern, Calif.  
93527

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11387 Date 8/30 Time 1145

Name Brown wu Location: Co. Kern State Calif.

SWSW Sec. 12 Twp. 25S R. 38E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 2360 Quad. Little Lake 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 25.5 DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH ?

ODOR - BORE 12"

FLUID COLOR - PUMP TYPE electric

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING yes - CaCO<sub>3</sub>

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM hose on ROCK DATA:

pump 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 irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR ranch

COLOR \_\_\_\_\_

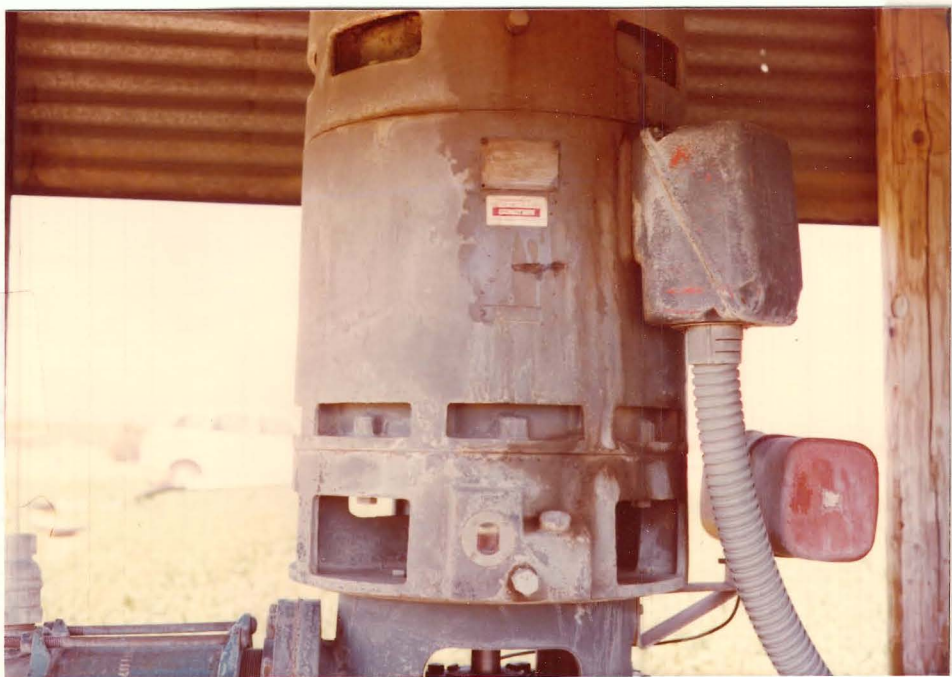
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Mr. Mead

PREVIOUS AND/OR CURRENT LEASES no

DM R5 F 31





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11388 Date 8/30 Time 1200

Name Lewis Ranch WS Location: Co. Inyo State Calif.

*SW SW* Sec. 3 Twp. 22S R. 37E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3800 Quad. Haiwee Reservoir 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 21 DISCHARGE ? piped down to ranchouse 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 side of ROCK DATA:

ridge 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 IMMEDIATE AREA drinking

QUANTITY \_\_\_\_\_ USED FOR ranch

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. W11389 Date 8-31-77 Time 12:00

Name Hicks Hot Spg Location: Co. Wyo State WV

Sec. \_\_\_\_\_ Twp. 11S R. 47E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Heart Valley NMS

Sampler JD

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

DESCRIPTION:

WATER TEMP. °C 40 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 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM cement ROCK DATA:

Asp TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Baths

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Paulg

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R9 F32



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11390 Date 8-30-77 Time 16:00

Name Grapevine W.S. Location: Co. Inyo State Ca

Sec. 10<sup>7</sup> Twp. 11S R. 42E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Goldfield Qms

Sampler SD

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

DESCRIPTION:

WATER TEMP. °C 28 DISCHARGE 500 (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 Travertine ROCK DATA:

Tannin TYPE (SURFACE) Basalt

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC \_\_\_\_\_

MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR \_\_\_\_\_

IMMEDIATE AREA \_\_\_\_\_

QUANTITY major USED FOR \_\_\_\_\_

\_\_\_\_\_

COLOR green white buff

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

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES no

FD R9F28



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11391 Date 8-30-77 Time 1200  
 Name Mesquite W.W. Location: Co Ariz State Ca  
 Sec. SWSE26 Twp. 11S R. 42E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 1820 Quad. Tin mtn  
 Sampler L.D.

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

DESCRIPTION:

WATER TEMP. °C 25 DISCHARGE 10 gpm/Lpm  
 GROUND TEMP. °C \_\_\_\_\_ WELL DATA:  
 AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_  
 ODOR chlorine \* BORE \_\_\_\_\_  
 FLUID COLOR clear PUMP TYPE \_\_\_\_\_  
 FLUID TASTE chlorine \* STATIC HEAD \_\_\_\_\_  
 BUBBLING 0 SCALING \_\_\_\_\_  
 BOILING 0 TYPE OF PIPING \_\_\_\_\_  
 VEGETATION grasses ARTESIAN HEAD \_\_\_\_\_  
 FLUID ISSUES FROM stuck pipe ROCK DATA:  
south of chlorine shed TYPE (SURFACE) Qal  
 COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE \_\_\_\_\_  
 QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_  
 COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_  
 FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

TYPE 0 RX TYPE (AT DEPTH) \_\_\_\_\_  
 QUANTITY \_\_\_\_\_ WATER USED FOR drinking  
 IMMEDIATE AREA USED FOR recreation  
 COLOR \_\_\_\_\_  
 FORM \_\_\_\_\_ QUALITY OF SAMPLE: (EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydro flow

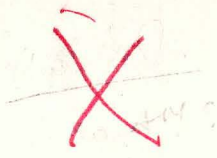
PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

RPF27



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



SECN

Spring No. \_\_\_\_\_ Sample No. W11392 Date 8/31/77 Time 1430  
 Name Tecopa H.A.W. Location: Co. Inyo State Calif  
 Sec. 33 Twp. 21N R. 7E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Tecopa (15')  
 Sampler R.B.A.S.

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

DESCRIPTION:

WATER TEMP. °C	<u>45°C</u>	DISCHARGE	<u>40-50</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	_____
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>saline</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>0</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>well head</u>	ROCK DATA:	_____
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	_____

SALT:

TYPE	<u>carbonates/chlorides</u>	GRAIN SIZE	_____
QUANTITY	<u>major</u>	MEGASCOPIC	_____
COLOR	<u>white</u>	MINERALS	_____
FORM	<u>amorphous</u>	ALTERATION	<u>0</u>

SINTER:

TYPE	<u>0</u>	RX TYPE (AT DEPTH)	_____
QUANTITY	_____	WATER USED FOR IMMEDIATE AREA	<u>Recreation</u>
COLOR	_____	USED FOR	<u>Recreation</u>
FORM	_____	QUALITY OF SAMPLE: EXC., GOOD, POOR	_____

PROBABLE CAUSE OF MANIFESTATION Artesian Well

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

R.B.A.S. F25





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11393 Date 8/29/77 Time 1500

Name Darwin Wash Pipeline Water Location: Co. Inyo State Calif

NE SW Sec. 30 Twp. 18S R. 42E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 1780 Quad. Panorama Butte (15)

Sampler Rebate

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

DESCRIPTION:

WATER TEMP. °C 45 \* (Solar Heated) DISCHARGE 30-40 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 pipeline from ROCK DATA:

mountain canyon TYPE (SURFACE) Volcanics - Basalts

COLOR Black

SALT: GRAIN SIZE MEGASCOPIC MINERALS small

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Resort Hotel

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 \_\_\_\_\_

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11394 Date 8/30/77 Time 1145  
 Name Dinky Locks WS Location: Co. Inyo State Calif  
 Sec. 34 Twp. 18S R. 37E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3620 Quad. Keeler (15')  
 Sampler RB  
 Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 33°C DISCHARGE 15-20 gpm/Lpm  
 GROUND TEMP. °C \_\_\_\_\_ WELL DATA:  
 AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_  
 ODOR decaying organic matter BORE \_\_\_\_\_  
 FLUID COLOR \_\_\_\_\_ PUMP TYPE \_\_\_\_\_  
 FLUID TASTE hard STATIC HEAD \_\_\_\_\_  
 BUBBLING yes SCALING \_\_\_\_\_  
 BOILING 0 TYPE OF PIPING \_\_\_\_\_  
 VEGETATION fern algae ARTESIAN HEAD \_\_\_\_\_  
 FLUID ISSUES FROM sinkhole or ROCK DATA:  
valley floor TYPE (SURFACE) Q<sub>2</sub>  
 COLOR \_\_\_\_\_

SALT:

TYPE alkaline GRAIN SIZE \_\_\_\_\_  
 QUANTITY major MEGASCOPIC \_\_\_\_\_  
 COLOR white MINERALS \_\_\_\_\_  
 FORM amorphous ALTERATION 0

SINTER:

TYPE 0 RX TYPE (AT DEPTH) \_\_\_\_\_  
 QUANTITY \_\_\_\_\_ WATER USED FOR Recreation  
 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 \_\_\_\_\_

RB R522



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11395 Date 8/31/77 Time 1300  
 Name Shoshone W.S. Location: Co. Inyo State Calif  
 Sec. 30 Twp. 22NR 6E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 1580 Quad. Shoshone (15')  
 Sampler PBake

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

DESCRIPTION:

WATER TEMP. °C 33°c DISCHARGE 40-50 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR greenish tint PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION jun grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel bed ROCK DATA:

on pediment 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 Recreation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR National Monument

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR 5 P 24



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11397 Date 2/27/77 Time 1300

Name Resort H.S. Location: Co. Mono State Calif.

NENE

Sec. 25 Twp. 3S R. 28E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6960 Quad. N. Harrison (15')

Sampler Phobos

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

DESCRIPTION:

WATER TEMP. °C 95°c DISCHARGE 80-100 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR sulfurous BORE \_\_\_\_\_

FLUID COLOR bluish tint PUMP TYPE \_\_\_\_\_

FLUID TASTE bitter STATIC HEAD \_\_\_\_\_

BUBBLING yes SCALING \_\_\_\_\_

BOILING yes TYPE OF PIPING \_\_\_\_\_

VEGETATION gr. grass, algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel bed in ROCK DATA:

and mountain creek TYPE (SURFACE) Limestone

COLOR white & black

SALT: GRAIN SIZE small

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION silica, iron, carbonates

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Recreation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Recreation

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY U.S. Forest Service

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBRSF17,18,19





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11397 Date 2/30/77 Time 1045  
 Name Keele W.S. Location: Co. Inyo State Calif  
 Sec. 5 Twp. 17S R. 38E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3600 Quad. Keele (15')  
 Sampler R. Behre

NESE

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

DESCRIPTION:

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

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP.	_____	DEPTH	_____
ODOR	<u>hideous (H<sub>2</sub>S)</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>saline</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>fern grass</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM smthole on valley floor ROCK DATA:  
 TYPE (SURFACE) Qal  
 COLOR \_\_\_\_\_

SALT:  
 TYPE Alkaline GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_  
 QUANTITY large  
 COLOR white  
 FORM amorphous ALTERATION \_\_\_\_\_

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 Natural hydrologic flow  
 PROPERTY OWNED BY \_\_\_\_\_  
 PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR5 F21



meadow TYPE (SURFACE) Qal  
COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_  
TYPE 6 \_\_\_\_\_  
QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ ALTERATION 6 \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
TYPE 0 \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR Nothing  
QUANTITY \_\_\_\_\_ Ranching  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible fault  
PROPERTY OWNED BY -  
PREVIOUS AND/OR CURRENT LEASES -

RB R5 #16



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

2

SENE

Spring No. \_\_\_\_\_ Sample No. W11399 Date 8/27/77 Time 1100

Name Whitmore W.S. Location: Co. Moano State Calif

Sec. 6 Twp. 4S R. 29E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6980 Quad. Mt Harrison (15')

Sampler R Baker

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

DESCRIPTION:

WATER TEMP. °C 35°c DISCHARGE 5-10 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 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole on ROCK DATA:

valley floor TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 8

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 possible fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR5F15

7



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W11400 Date 8/27/77 Time 1330

Name Hot Creek Ranch e.s. Location: Co. Nevada State Calif.

*NWSW* Sec. 36 Twp. 35 R. 28E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 7000 Quad. Mt. Harrison (15')

Sampler Relater

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

DESCRIPTION:

WATER TEMP. °C 10°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 grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel on side ROCK DATA:

of creek 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 Household

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 \_\_\_\_\_

RBR5F20

