

LAB Amax - Denver

ANALYTICAL REPORT

DATE 1-5-82

REQ. NO. 12419 JOB NO. \_\_\_\_\_

ANALYST PK, MS, TC

PROJECT 1186 (56-29)

TYPE SAMPLES Geothermal

REQUESTED BY Demonez

	SAMPLE	Na ppm	K ppm	Ca ppm	Mg ppm	SiO <sub>2</sub> ppm		SAMPLE	Li ppm	B ppm	SO <sub>4</sub> ppm	Cl ppm	F ppm
01	W14298	2700	320	87	20	190	31		10	33	230	4600	5.3
02							32						
03							33						
04							34						
05							35						
06							36						
07							37						
08							38						
09							39						
10							40						
11							41						
12							42						
13							43						
14							44						
15							45						
16							46						
17							47						
18							48						
19							49						
20							50						
21							51						
22							52						
23							53						
24							54						
25							55						
26							56						
27							57						
28							58						
29							59						
30							60						

METHODS: Digestion-

Sample Weight-

Determination- Na, K, Ca, Mg, SiO<sub>2</sub>, Li - AA. F - Specific Ion Electrode  
Cl - Titrametric; SO<sub>4</sub> - Turbidimetric; B - Spectrophotometric

REMARKS:

W14298 collected from flow line when well was at 785 feet with air lift flow about 60 gpm (well 56-29).

NOTE: Mail Original to  
AMAX Exploration, Inc.,  
P. O. Box C  
Denver, Colorado 80226

Copies to:

1. J. F. Demonez At Geothermal
2. H. D. Pilkington At "
3. Harry Olson At "
4. Geothermal Office "
5. E J Rowe

LAB Amax - Denver

ANALYTICAL REPORT

DATE 1-5-82

REQ. NO. 12419 JOB NO. \_\_\_\_\_

ANALYST PK, MS, PP

PROJECT 1186

TYPE SAMPLES Geothermal Water

REQUESTED BY Demonez

	SAMPLE	Cu ppb	Mo ppb	Mn ppb	Cond micro/cm		SAMPLE	ph	CO <sub>3</sub> <sup>ppm</sup> AS CaCO <sub>3</sub>	HCO <sub>3</sub> <sup>ppm</sup> AS CaCO <sub>3</sub>		
01	w14298	<2	15	150	13,000		31	8.5	2	12		
02							32					
03							33					
04							34					
05							35					
06							36					
07							37					
08							38					
09							39					
10							40					
11							41					
12							42					
13							43					
14							44					
15							45					
16							46					
17							47					
18							48					
19							49					
20							50					
21							51					
22							52					
23							53					
24							54					
25							55					
26							56					
27							57					
28							58					
29							59					
30							60					

METHODS: Digestion-

Sample Weight-

REMARKS: Determination - Mo + Cu - Color; Ph - electrometric; CO<sub>3</sub> + HCO<sub>3</sub> - Titrametric; Cond. - Cond. Bridge; Mn - AA.

NOTE: Mail Original to  
 AMAX Exploration, Inc.,  
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 1. JF Demonez At Geothermal  
 2. HD Pilkington At "  
 3. Harry Olson At "  
 4. Geothermal Office "  
 5. E. J. Rowe

LAB Amax - Denver

ANALYTICAL REPORT

DATE 1-7-82

REQ. NO. 12419 JOB NO. \_\_\_\_\_

ANALYST PK

PROJECT 1186

TYPE SAMPLES Geothermal Water

REQUESTED BY Demonaz

	SAMPLE	Fe PPM					SAMPLE					
01	14298	4.1					31					
02							32					
03							33					
04							34					
05							35					
06							36					
07							37					
08							38					
09							39					
10							40					
11							41					
12							42					
13							43					
14							44					
15							45					
16							46					
17							47					
18							48					
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23							53					
24							54					
25							55					
26							56					
27							57					
28							58					
29							59					
30							60					

METHODS: Digestion-  
Determination- A. A.

Sample Weight-

REMARKS:

NOTE: Mail Original to  
AMAX Exploration, Inc.,  
P. O. Box C  
Denver, Colorado 80226

- Copies to:
1. J.F. Demonaz At
  2. H.D. Pilkington At
  3. H. Olson At
  4. Geothermal Office
  5. E.J. Rowe

LAB AMAX - DENVER

ANALYTICAL REPORT

DATE 2/10/82

REQ. NO. 12419 JOB NO. \_\_\_\_\_

ANALYST M.S

PROJECT 1186

TYPE SAMPLES GEOHERMAL WATERS

REQUESTED BY JOHN E. DEYMONAZ

	SAMPLE	PPM # CO <sub>3</sub>	PPM X HCO <sub>3</sub>				SAMPLE						
01	W14298	19	124				31						
02							32						
03							33						
04							34						
05							35						
06							36						
07							37						
08							38						
09							39						
10							40						
11							41						
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28							58						
29							59						
30							60						

METHODS: Digestion-

Sample Weight-

Determination-

\* as CaCO<sub>3</sub>

REMARKS:

→ ORIGINAL ANSWERS MIS-CALULATED BY A FACTOR OF 10

NOTE: Mail Original to  
AMAX Exploration, Inc.,  
P. O. Box C  
Denver, Colorado 80226

Copies to:  
1. H. J. OLSON At GEOHERMAL  
2. D. PILKINGTON At "  
3. GEOHERMAL OFFICE At "  
4. E. J. ROWE At CEDAR  
5. J. E. DEYMONAZ At GEOHERMAL  
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