

ANALYTICAL REPORT

DATE 6/19/81
 ANALYST S. Hoatson
 TYPE SAMPLES GEOTHERMAL WATER

REQ. NO. 9189 JOB NO. _____
 PROJECT 1030
 REQUESTED BY John Deymonaz

SAMPLE	Na	K	Ca	Mg	SiO ₂	SAMPLE	Li	B	SO ₄	Cl	F
	PPM	PPM	PPM	PPM	PPM		PPM	PPM	PPM	PPM	PPM
01 W-14293	1000.	90.	170.	210	49.	31 W-14293	0.1	0.5	2100.	1000	0.4
02 94	60.	16.	25.	4.1	67.	32 94	<.1	2.2	120.	10	0.7
03 95	110.	6.0	2.3	0.2	79.	33 95	<.1	1.6	18.	10	3.6
04 96	110.	7.5	2.8	0.1	74.	34 96	<.1	0.6	24.	13	3.6
05						35					
06						36					
07						37					
08						38					
09						39					
10 W-						40 W-					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20 W-						50 W-					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					
30						60					

METHODS: Digestion- Sample Weight-
 Na, K, Ca, Mg, SiO₂, Li: AA
 Determination- B: CARMINIC ACID COLORIMETRIC
 F: SPECIFIC ION ELECTRODE
 REMARKS: Cl: MERCURIMETRIC TITRATION
 SO₄: TURBIDIMETRIC

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

- ✓ Copies to: H. D. Pilkington @ Geothermal
 1. John Deymonaz At Geothermal
 2. Geothermal Office At _____
 3. E. J. Rowe At Denver Lab
 4. S. C. Hoatson Denver Lab

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 ANALYST S.H. M.F.
 TYPE SAMPLES GEOTHERMAL WATER

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SAMPLE	Cu	Mo	SAMPLE	pH	CO ₃	HCO ₃
	PPB	PPB			PPM	PPM
01 <u>W14293</u>	<u>2</u>	<u>180</u>	31 <u>W14293</u>	<u>7.7</u>	<u>0</u>	<u>468</u>
02 <u>294</u>	<u>12</u>	<u>6</u>	32 <u>94</u>	<u>7.7</u>	<u>0</u>	<u>96</u>
03 <u>95</u>	<u>2</u>	<u>8</u>	33 <u>95</u>	<u>8.9</u>	<u>36</u>	<u>168</u>
04 <u>96</u>	<u>NR*</u>	<u>20</u>	34 <u>96</u>	<u>8.5</u>	<u>12</u>	<u>190</u>
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			
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22			52			
23			53			
24			54			
25			55			
26			56			
27			57			
28			58			
29			59			
30			60			

METHODS: Digestion-

Sample Weight-

Determination- Cu, Mo - Colorimetric
 pH - Electrometric

CO₃, HCO₃ - Electrometric Titration

REMARKS:

NR* - no result due to interference

CO₃ + HCO₃ reported as ppm CaCO₃

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LAB Amax-Denver

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ANALYST S. Hoatson

PROJECT 1030

TYPE SAMPLES Geothermal Waters

REQUESTED BY John Deymonaz

	SAMPLE	Temp. °C	Cond.				SAMPLE					
01	W14293	25	5220				31					
02	94	25	512				32					
03	95	25	480				33					
04	96	25	501				34					
05							35					
06							36					
07							37					
08							38					
09							39					
10							40					
11							41					
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27							57					
28							58					
29							59					
30							60					

METHODS: Digestion-
Determination-
Wheatstone Bridge
REMARKS:

Sample Weight-
Cond. = conductivity
in umhos/cm

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