

ANALYTICAL REPORT

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

REQ. NO. 5118 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-14289	220.	36.	50.	22.	100.	31 W-14289	0.7	1.1	<10.	21.	2.0
02 90	220.	32.	27.	17.	31.	32 90	0.7	1.1	<10.	21.	1.9
03						33					
04						34					
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

LAB Amex-Denver

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ANALYST S. Hoatson

PROJECT 1030

TYPE SAMPLES Geothermal Waters

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	SAMPLE	Temp. °C	Cond.			SAMPLE				
01	<u>W14289</u>	<u>25</u>	<u>1295</u>			31				
02	<u>90</u>	<u>25</u>	<u>1284</u>			32				
03						33				
04						34				
05						35				
06						36				
07						37				
08						38				
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27						57				
28						58				
29						59				
30						60				

METHODS: Digestion-
 Determination-
 Wheatstone Bridge

Sample Weight-
 Cond. = conductivity
 in umhos/cm

REMARKS:

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LAB AMAX - DENVER

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SAMPLE	Cu PPB	Mo PPB	SAMPLE	pH	CO ₃ PPM	HCO ₃ PPM		
01	W14289	<2	<2	31	W14289	7.0	0	662
02	90	<2	2	32	90	6.9	0	664
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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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- Cu, Mo - Colorimetric
pH - Electrometric
REMARKS: CO₃, HCO₃ - Electrometric Titration

*CO₃ + HCO₃ reported
as ppm CaCO₃*

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