

ANALYTICAL REPORT

DATE 8/20/82

REQ. NO. 9162 JOB NO.

ANALYST PK

PROJECT 864

TYPE SAMPLES GEOTHERMAL WATER

REQUESTED BY H. Dean Pilkington

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-14397	69	15	22	3.8	80	31 W-	.1	.4	59	46	.3
02						32					
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					

Tg 123
1 SiO₂ 97

METHODS:

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

T Na-K-Ca 207
T Na/K 294

REMARKS:

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

- Copies to: DENVER-LAB
- 1. John Deymonaz At GEOTHERMAL
 - 2. Dean Pilkington At " "
 - 3. Harry Olson At " "
 - 4. Geothermal Office At " "
 - 5. E.J. Rowe At " "
- W. Cedar
DEN 121974

LAB AMAX - DENVER

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SAMPLE	Cu	Mo	Cond. microhm/cm	SAMPLE	pH	CO ₃	HCO ₃
	PPB	PPB				PPM	PPM
01	NR*	NR*	445	31	8.1	0	78
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			
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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
 CO₃, HCO₃ - Electrometric Titration
 Conductivity - Wheatstone Bridge

REMARKS:

*No result because of interference in the sample.

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