

LAB AMAX - DENVER

TCS: 100
TNA 207

ANALYTICAL REPORT

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

REQ. NO. 12402 JOB NO. _____
PROJECT 864
REQUESTED BY A. E. Shenker

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-14750	77.	18.	40.	10.	85.	31 W-14750	0.1	0.4	98.	31.	1.1
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					

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: *D. Pilkington @ Geothermal*
1. A. E. Shenker At Geothermal
 2. Geothermal Office At
 3. E. J. Rowe At Denver Lab
 4. S. C. Hoatson Denver Lab

LAB Amax-Denver

ANALYTICAL REPORT

DATE 6/19/81

REQ. NO. 12462 JOB NO. _____

ANALYST S. Hoatson

PROJECT 864

TYPE SAMPLES Geothermal Waters

REQUESTED BY Mark Avery

	SAMPLE	Temp. °C	Cond.			SAMPLE							
01	<u>W14750</u>	<u>25</u>	<u>689</u>			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							
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-
Determination-
Wheatstone Bridge

Sample Weight-
Cond. = conductivity
in umhos/cm

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- 1. Alan Shenker At Geothermal
 - 2. Geothermal Office At _____
 - 3. E. J. Rowe At Denver Lab
 - 4. D. Pilkington @ Geothermal

LAB AMAX - DENVER

ANALYTICAL REPORT

DATE 6/19/81

REQ. NO. 12402 JOB NO. _____

ANALYST S.H., M.F.

PROJECT 864

TYPE SAMPLES GEOHERMAL WATER

REQUESTED BY A. E. Shenker

SAMPLE	Cu	Mo	SAMPLE	pH	CO ₃	HCO ₃
	PPB	PPB		PPM	PPM	
01 <u>W14750</u>	<u>7</u>	<u>20</u>	31 <u>W14750</u>	<u>7.6</u>	<u>0</u>	<u>206</u>
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- Cu, Mo - Colorimetric

pH - Electrometric

CO₃, HCO₃ - Electrometric Titration

REMARKS:

CO₃+HCO₃ reported as ppm CaCO₃

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