

TYPE OF SAMPLE

W=Water, S=Soil
SS=Stream Sediment
V=Vegetation
R=Rock
DR=Dump Rock
DF=Dump Fines
CR=Core
CM=Composite
P=Pulp

ABBREVIATIONS

Alk=K2O, Na2O, CaO
T.E=Trace Elements (Standard elements unless defined otherwise.)
t=Total; tMo, tS ox=Oxide
s=Sulfide; as sNi
ns=Non-Sulfide; as nsCu
5=Cu, Mo, Pb, Zn, Ag
10=5 + Co, Ni, Fe, Mn, Cd
B=Bauxite analyses % SiO2, LOI, Al2O3, Fe2O3

12428

REQUISITION FOR ANALYTICAL WORK

(REFER TO REQUISITION NO. IN ALL CORRESPONDENCE)

TO: (LAB AND ADDRESS)

A TOTAL OF 1 HAS BEEN SHIPPED VIA truck ON Feb 1 1982

LAB JOB No. REPORT DATED AMAX PROJECT No. 1124

Table with columns: SAMPLE NUMBERS, ASSAYS (%), GEOCHEMICAL (ppm), OTHER. Includes handwritten entry 'W 14701'.

TOTAL SAMPLES

REJECTS: Save [ ] Discard [ ] (RETURN ALL PULPS TO OFFICE)

SAMPLES MISSING

SPECIAL INSTRUCTIONS OR REMARKS

Standard H2O analysis - water was collected on Jan 7, 1982. On Jan 21, 1982 clean water was decanted off thru coffee filter and one bottle acidified

SEND COPIES OF RESULTS TO:

(For Geologists Use) Data Received Anal. Cost

- 1. H.J. Olson
2. H.D. Pilkington
3.

4. AMAX EXPLORATION INC., P.O. BOX C, BELMAR STATION, DENVER, COLORADO 80227 (2 Copies)

Original - Lab. via Mail
Pink cc - Lab. with sample
Yellow cc - Denver office
White cc - Retain by sender

REQUESTED BY

DATE

H.D. Pilkington
Feb 1, 1982

LAB Amax - Denver

ANALYTICAL REPORT

DATE 2-24-82

REQ. NO. 12428 JOB NO. \_\_\_\_\_

ANALYST PK

PROJECT 1124

TYPE SAMPLES Geothermal Waters

REQUESTED BY H.D. Pilkington

	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	W14701	83	3.3	37.	9	60	31		.1	<.2	100	20	4.4
02							32						
03							33						
04							34						
05							35						
06							36						
07							37						
08							38						
09							39						
10							40						
11							41						
12							42						
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17							47						
18							48						
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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- Na  
K  
Ca  
Mg  
SiO<sub>2</sub>  
Li } AA

REMARKS:

Doron - Carminic Acid Colormetric  
SO<sub>4</sub> - Turbidimetric  
Cl - Mercurimetric Titration  
F - Specific Ion Electrode

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

Copies to:  
1. H. J. Olson At Geothermal  
2. H. D. Pilkington At "  
3. Geothermal Office At "  
4. F. J. Rose At w. Cedar

LAB Amax - Denver

ANALYTICAL REPORT

DATE 2-22-82

REQ. NO. 12428 JOB NO. \_\_\_\_\_

ANALYST PK

PROJECT 1124

TYPE SAMPLES Geothermal Waters

REQUESTED BY H. D. Pilkington

	SAMPLE	Cond. µmhos/cm	Mn ppb			SAMPLE	ph	CO <sub>3</sub> <sup>lfm</sup> As CaCO <sub>3</sub>	HCO <sub>3</sub> <sup>lfm</sup> As CaCO <sub>3</sub>		
01	W14701	710	25			31	8.0	0	245		
02						32					
03						33					
04						34					
05						35					
06						36					
07						37					
08						38					
09						39					
10						40					
11						41					
12						42					
13						43					
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27						57					
28						58					
29						59					
30						60					

METHODS: Digestion-

Sample Weight-

Determination- Conductivity - Conductivity Bridge  
Mn - AA.

REMARKS:

CO<sub>3</sub>-HCO<sub>3</sub> - Electrometric Titration

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P. O. Box C  
Denver, Colorado 80226

Copies to:

1. H. J. Olson At Geothermal
2. H. D. Pilkington At "
3. Geothermal Office At "
4. E. J. Rowe At W. Cedar

LAB Amax - Denver

ANALYTICAL REPORT

DATE 3-3-82

REQ. NO. 12428 JOB NO. \_\_\_\_\_

ANALYST PK

PROJECT 1124

TYPE SAMPLES Geothermal Waters

REQUESTED BY H. D. Pilkington

	SAMPLE	Cu ppb	Mo ppb	As ppb	Sb ppb		SAMPLE						
01	<u>W14701</u>	<u>&lt;2</u>	<u>6</u>	<u>2</u>	<u>&lt;1</u>	31							
02						32							
03						33							
04						34							
05						35							
06						36							
07						37							
08						38							
09						39							
10						40							
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26						56							
27						57							
28						58							
29						59							
30						60							

METHODS: Digestion-

Sample Weight-

Determination- Colorimetric

REMARKS:

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