

LAB Amax - Denver

ANALYTICAL REPORT

DATE 1-19-82

REQ. NO. 12418 JOB NO. _____

ANALYST PK

PROJECT 1186

TYPE SAMPLES Geothermal Waters

REQUESTED BY Deymon AZ

611

	SAMPLE	Na ppm	K ppm	Ca ppm	Mg ppm	SiO ₂ ppm ²		SAMPLE	Li ppm	B ppm	SO ₄ ppm	Cl ppm	F ppm
01	w14273	61	3.1	150	51	22	31	<.1	.7	240	70	.2	
02	274	8700	800.	670	65	170	32	47.	15.	370	17,000	4.8	
03	275	88	3.6	130	11	24	33	<.1	.8	200	83	.9	
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- Na
K
Ca } AA.
Mg
SiO₂
Li

Boron - Carminic Acid Colorimetric
SO₄ - Turbidimetric
Cl - Mercurimetric Titration
F - Specific Ion Electrode

REMARKS:

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

Copies to:
1. J. E. Deymon AZ At Geothermal
2. H. D. Pilkington At ""
3. H. J. Olson At ""
4. Geothermal Office ""
5. E. J. Rowe W. Cedar
DEN 121974

LAB Amox - Denver

ANALYTICAL REPORT

DATE 2-22-82

REQ. NO. 12418 JOB NO. _____

ANALYST PK

PROJECT 1186

TYPE SAMPLES Geothermal

REQUESTED BY J.E. Deymonaz

	SAMPLE	Mn ppb	Cond. µmho/cm				SAMPLE	ph	CO ₃ ppm as CaCO ₃	HCO ₃ ppm as CaCO ₃		
01	W14273	18	1,200				31	7.5	0	260		
02	W14274	880	46,000				32	6.6	0	370		
03	W14275	480	980				33	7.6	0	170		
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- Mn - AA.

REMARKS: Cond- Wheatstone Bridge
CO₃-HCO₃ - Electrometric Titration

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

Copies to:
1. J.E. Deymonaz At Geothermal
2. H.D. Pilkington At "
3. Harry Olson At "
4. Geothermal Office "
5. E. J. Rowe West Cedar
DEN 121974

LAB Amex - Denver

ANALYTICAL REPORT

DATE 3-2-82

REQ. NO. 12418 JOB NO. _____

ANALYST PK

PROJECT 1186

TYPE SAMPLES Geothermal Water

REQUESTED BY Deymonaz

SAMPLE	Cu ppb	Mo ppb	SAMPLE
01 <u>W14273</u>	<u><2</u>	<u>2</u>	31
02 <u>274</u>	<u>8</u>	<u><2</u>	32
03 <u>275</u>	<u><2</u>	<u>20</u>	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 Colormetric

REMARKS:

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

Copies to:

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

DEN 121974