

LAB Amax - Denver

ANALYTICAL REPORT

DATE 5-18-82

REQ. NO. 12423 JOB NO. _____

ANALYST PK

PROJECT 1198

TYPE SAMPLES Geothermal Waters

REQUESTED BY John F. Deymonaz

*

	SAMPLE	Na ppm	K ppm	Ca ppm	Mg ppm	SiO ₂ ppm		SAMPLE	Li ppm	B ppm	SO ₄ ppm	Cl ppm	F ppm
01	W14954	1300	100	240	180	44	31		1.3	1.0	510	2400	1.1
02	955	41	5	42	5.9	13	32		<.1	<.2	9	80	.3
03	956	900	89	180	77	70	33		1.5	1.0	310	1200	3.0
04							34						
05							35						
06							36						
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29							59						
30							60						

METHODS: Digestion-

Sample Weight-

Determination- Na, K, Ca, Mg, Li, SiO₂ = AA

B - Carminic Acid Colorimetric

SO₄ - Turbidimetric

Cl - Mercurimetric Titration

F - Specific Ion Electrode

REMARKS:

* On req., samples were listed AS W14954-55, but we were given W14954-56.

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

Copies to:

- 1. John Deymonaz At Geothermal
- 2. Dean Pilkington At "
- 3. Harry Olson At "
- 4. Geothermal Office At "
- 5. E. J. Rowe At W. Cedar

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	SAMPLE	Co ppb	Mo ppb	Cond mmhos/cm		SAMPLE	ph	CO ₃ as CaCO ₃ ppm	HCO ₃ as CaCO ₃ ppm		
01	W14954	2	4	8700		31	7.5	0	200		
02	W14955	2	4	490		32	7.2	0	74		
03	W14956	<2	<2	5200		33	7.3	0	460		
04						34					
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30						60					

METHODS: Digestion-

Sample Weight-

Determination- Co + Mo = Color metric

REMARKS:

Cond. = Wheatstone Bridge

ph = electrometric

CO₃-HCO₃ = electrometric Titration

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