

LAB Amax-Denver

ANALYTICAL REPORT

DATE 5-18-82

REQ. NO. 12430 JOB NO. _____

ANALYST PK

PROJECT 1198

TYPE SAMPLES Geothermal Water

REQUESTED BY John 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	W14521	280	32	210	19	130	31		.1	.2	130	730	2.5
02	W14522	900	72	60	51	58	32		1.5	1.5	320	940	2.8
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METHODS: Digestion-

Sample Weight-

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

Cl = Mercurimetric Tit.

B-Carminic Acid Colorimetric

F = Specific Ion Electrode

REMARKS:

SO₄ - Turbidimetric

* The samples given to us were W14521 + 22, not W14522 + 23 as listed on the req.

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

Copies to:

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

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	SAMPLE	Cu ppb	Mo ppb	Cond mmhos/cm		SAMPLE	ph	CO ₃ ASCaCO ₃ PPM	HCO ₃ ASCaCO ₃ PPM		
01	W14521	4	8	2800		31	7.5	0	58		
02	W14522	5	2	4800		32	7.6	0	470		
03						33					
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05						35					
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30						60					

METHODS: Digestion- Sample Weight-

Determination- Cu + Mo = Colormetric

REMARKS: Cond. = Wheatstone Bridge
 ph = Electrometric
 CO₃-HCO₃ = Electrometric Titration

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