

LAB AMAX - DENVER

ANALYTICAL REPORT

DATE 11/9/81

REQ. NO. 8248 JOB NO. _____

ANALYST T.C AND M.S

PROJECT 1030

TYPE SAMPLES GEOHERMAL WATERS

REQUESTED BY CHRIS TOWER

	SAMPLE	PPM Li	PPM B	PPM SO ₄	PPM Cl	EC		SAMPLE					
01	DT-1	<.1	<.2	32	14	350	31						
02	2	<.1	1.8	<10	24	1600	32						
03	3	.1	1.4	13	23	1300	33						
04	4	<.1	<.2	<10	6.5	280	34						
05	5	<.1	<.2	11	5.5	220	35						
06	6	<.1	<.2	10	7.0	350	36						
07	7	<.1	<.2	12	17	400	37						
08	8	<.1	<.2	11	9.0	200	38						
09	9	.1	.9	30	17	1300	39						
10	10	<.1	<.2	15	8.0	250	40						
11	DT-11	<.1	<.2	14	9.5	260	41						
12	12	<.1	<.2	17	14	320	42						
13	13	<.1	.5	23	10	460	43						
14	14	<.1	2.2	<10	30	1900	44						
15	15	.1	1.6	15	20	1400	45						
16	16	.1	2.2	38	33	1800	46						
17	17	.1	1.6	13	21	1200	47						
18	18	.1	1.7	15	19	1400	48						
19	19	<.1	<.2	18	5.0	440	49						
20	20	<.1	<.2	15	6.5	430	50						
21	DT-21	<.1	<.2	15	6.0	400	51						
22	22	<.1	<.2	13	7.0	380	52						
23	23	<.1	<.2	12	7.0	390	53						
24	24	<.1	<.2	14	3.5	420	54						
25	25	<.1	<.2	16	6.5	440	55						
26	26	<.1	1.0	16	7.5	510	56						
27	27	<.1	.4	14	9.5	510	57						
28	28	<.1	.3	12	8.5	590	58						
29	29	<.1	.3	20	9.5	500	59						
30	DT-30	<.1	.6	20	16	620	60						

METHODS: Digestion- Sample Weight-

Determination- Li → A.A

REMARKS: B → COLORIMETRIC - CARMINE ACID

SO₄ → TURBIDIMETRIC

Cl → MERCURIMETRIC

EC → CONDUCTIVITY IN umhos/cm

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

- Copies to:
1. CHRIS TOWER At GEOHERMAL
 2. _____ At _____
 3. DEAN PILKINGTON At _____
 4. GEOHERMAL OFFICE At _____
 5. E. J. ROWE At CEDAR LAB

LAB AMAX - DENVER

ANALYTICAL REPORT

DATE 11/4/81

REQ. NO. 8248 JOB NO. _____

ANALYST M.S

PROJECT 1030

TYPE SAMPLES GEOTHERMAL WATERS

REQUESTED BY CHRIS D TOWER

	SAMPLE	PPb Cu	PPb Mo		SAMPLE					
01	DT-1	<2	4		31					
02	2	<2	<4*		32					
03	3	<2	<2		33					
04	4	2	<3*		34					
05	5	2	<2		35					
06	6	<2	2		36					
07	7	<2	<6*		37					
08	8	<2	2		38					
09	9	<2	10		39					
10	10	<2	<2		40					
11	DT-11	<2	<2*		41					
12	12	<2	8		42					
13	13	<2	<10*		43					
14	14	<2	<20*		44					
15	15	<2	<2		45					
16	16	<2	<10 ^o		46					
17	17	<2	<2		47					
18	18	<2	<2		48					
19	19	<2	3*		49					
20	20	<2	<4*		50					
21	DT-21	6	<4*		51					
22	22	<2	<4*		52					
23	23	<2	<4*		53					
24	24	5	<4*		54					
25	25	<2	<6*		55					
26	26	<2	<6*		56					
27	27	2	<6*		57					
28	28	<2	<10*		58					
29	29	<2	<6*		59					
30	30	<2	<20 ^o		60					

METHODS: Digestion- Sample Weight-

Determination- Mo AND Cu → COLORMETRIC

REMARKS: * INTERFERENCE → ORGANIC LAYER YELLOW
 ● INTERFERENCE → ORGANIC LAYER BROWN AND BUBBLIE

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