

AMAX EXPLORATION, INC.  
TEMPERATURE/DEPTH LOG

M-FH-82-23

AT Well No. 7 1191-51

Property-Project Fishlake (114) 33027 Depth Logged 147 meters 482 feet  
 Map RHYOLITE RIDGE Scale 15" Date: Drilled 4/28/83 Logged 5/18/83  
 State NEU County ESMERALDA of NE of NE of Sec 23 T 1s R 36E  
 Instrument \_\_\_\_\_ Operator Geothermax Elevation 4880 (ft)  
 Comments MAGMA AT HOLE

JUSTIFY

Card A

Date Logged																																																																					
Proj No										Well No																																																											
DA					MO					YR					*19-Write F if Fahrenheit, 20-Write F if Feet																																																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70
1191										5118										S					83					C																																							

Site Description

Site Description																																																		Operator					Editor					DA					MO					YR				
MAGMA GRADIENT WELL																																																		JONES					JED					28					04					83				

(Approx. location, water well?, oil test?, etc.)

Card B

Scale Unit		Map Size		N Lat		W Long																							
IN	CM	(7.5, 15, 60)	Degree	Min	Degree	Min	**																						
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
15		15		37		45		118		00																			

Use decimals

Map Location \*\*

Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)

Northing										Easting										Elev									
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
16.8										8.5										4880									

Use decimals

Write M if meters

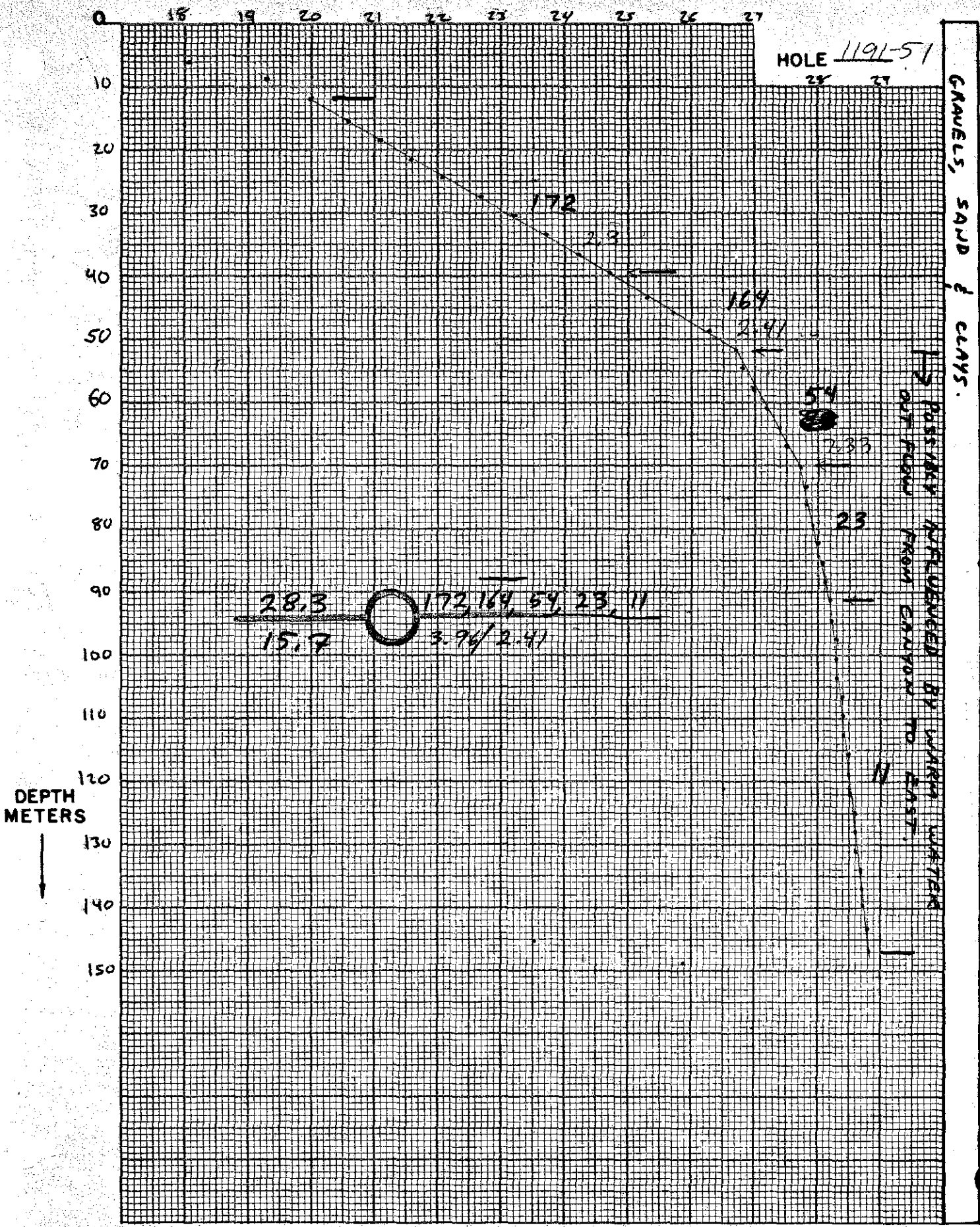
Segment	Start	End	Conductivity K	ΔK	Best cond. (-K)	Downward extrapolations (-ΔK)
Segment 1	12.19	39.63	-2.3	-0.5		
Segment 2	39.63	51.82				
Segment 3	51.82	70.12				
Segment 4	70.12	91.46				
Segment 5	91.46	146.95				
Segment 6	146.95		.999			
Segment 7						
Segment 8						
Segment 9						
Segment 10						

After final segment Start = .999

MOLE 1191-51

GRAVELS, SAND & CLAYS.

POSSIBLY INFLUENCED BY WARM WATER  
OUT FLOW FROM CANYON TO EAST.



DEPTH METERS

TEMPERATURE °C

Date Logged: 5/18/83AT Well No. 1191-51

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
3.04		15.7					
6.09		18.1					
9.14		19.3					
12.19		20.0					
15.24		20.6					
18.29		21.1					
21.34		21.6					
24.39		22.1					
27.43		22.7					
30.48		23.2					
33.53		23.7					
36.58		24.2					
39.63		24.7					
43.68		25.3					
45.73		25.7					
48.78		26.3					
51.82		26.7					
54.87		26.8					
57.92		27.0					
60.97		27.2					
64.02		27.4					
67.07		27.5					
70.12		27.7					
73.17		27.8					
76.21		27.8					
79.26		27.9					
82.31		28.0					

K=Conductivity

Date Logged: 5/18/83

ΔT Well No. 1191-51

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
85.36		28.1					
88.41		28.1					
< 91.46		28.2					
94.51		28.2					
97.56		28.3					
100.60		28.3					
103.65		28.3					
106.70		28.4					
109.75		28.4					
112.80		28.4					
115.85		28.5					
118.90		28.5					
121.95		28.5					
125.00		28.6					
128.04		28.6					
131.09		28.6					
134.14		28.7					
137.19		28.7					
140.24		28.7					
143.29		28.8					
< 146.95		28.8					

K=Conductivity