

AMAX EXPLORATION, INC.
TEMPERATURE/DEPTH LOG

AT Well No. 1191-44

Property-Project Fish Lake Depth Logged 230 m

Map Scale 15' Date: Drilled 3/22/82 Logged 4/29/82

State NV County Esmeralda of NE of SE of Sec 9 T S R 36 E

Instrument Enviro-labs DT-201B Operator Brian Cross Elevation 4785 (ft/m)

Comments AT Hole drilled and logged by GeothermEx for Magma
Magma # 75-9

BT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10 1191	11 12 13 14 15 16 17 18 19 20 4429	19-Write F if Fahrenheit, 20-Write F if Feet	21-Write F if Fahrenheit, 20-Write F if Feet	21-Write F if Fahrenheit, 20-Write F if Feet

Card A

Site Description																														Operator			Editor			DA			MO			YR		
21 22 23 24 25 26 27 28 29 30 22.4	31 32 33 34 35 36 37 38 39 40 KM	41 42 43 44 45 46 47 48 49 50 5.	51 52 53 54 55 56 57 58 59 60 OF	61 62 63 64 65 66 67 68 69 70 GAP	71 72 73 74 75 76 77 78 79 80 SPG.	81 82 83 84 85 86 87 88 89 90 BKC	91 92 93 94 95 96 97 98 99 100 JED	101 102 103 104 105 106 107 108 109 110 22	111 112 113 114 115 116 117 118 119 120 03	121 122 123 124 125 126 127 128 129 130 82																																		

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

Card B

Map Location **

Scale Unit	Map Size	N Lat	W Long
21 22 23 24 25 CM	26 27 28 29 30 75, 15, 60	31 32 33 34 35 Degree	36 37 38 39 40 Min
41 42 43 44 45 15.0	46 47 48 49 50 37.	51 52 53 54 55 Degree	56 57 58 59 60 Min
61 62 63 64 65 118.	66 67 68 69 70 0.0	71 72 73 74 75 Use decimals	76 77 78 79 80 Use decimals

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

Northing	Easting	Elev
21 22 23 24 25 20.9	26 27 28 29 30 2.95	31 32 33 34 35 4785
36 37 38 39 40 Use decimals	41 42 43 44 45 Use decimals	46 47 48 49 50 Write M if meters

Segment 1 = Depths	Conductivity	Best cond. (-K)
Start	End	Downward extrapolations (-ΔK)
21 22 23 24 25 18.3	26 27 28 29 30 39.6	31 32 33 34 35 End
Segment 2	Segment 3	Segment 4
Start →	Start →	Start →
36 37 38 39 40 67.1	41 42 43 44 45 79.3	46 47 48 49 50 79.3
Segment 5	Segment 6	Segment 7
Start →	Start →	Start →
56 57 58 59 60 100.6	61 62 63 64 65 122.0	66 67 68 69 70 176.8
Segment 8	Segment 9	
Start →	Start →	
76 77 78 79 80 192.1	81 82 83 84 85 230.2	86 87 88 89 90 1999

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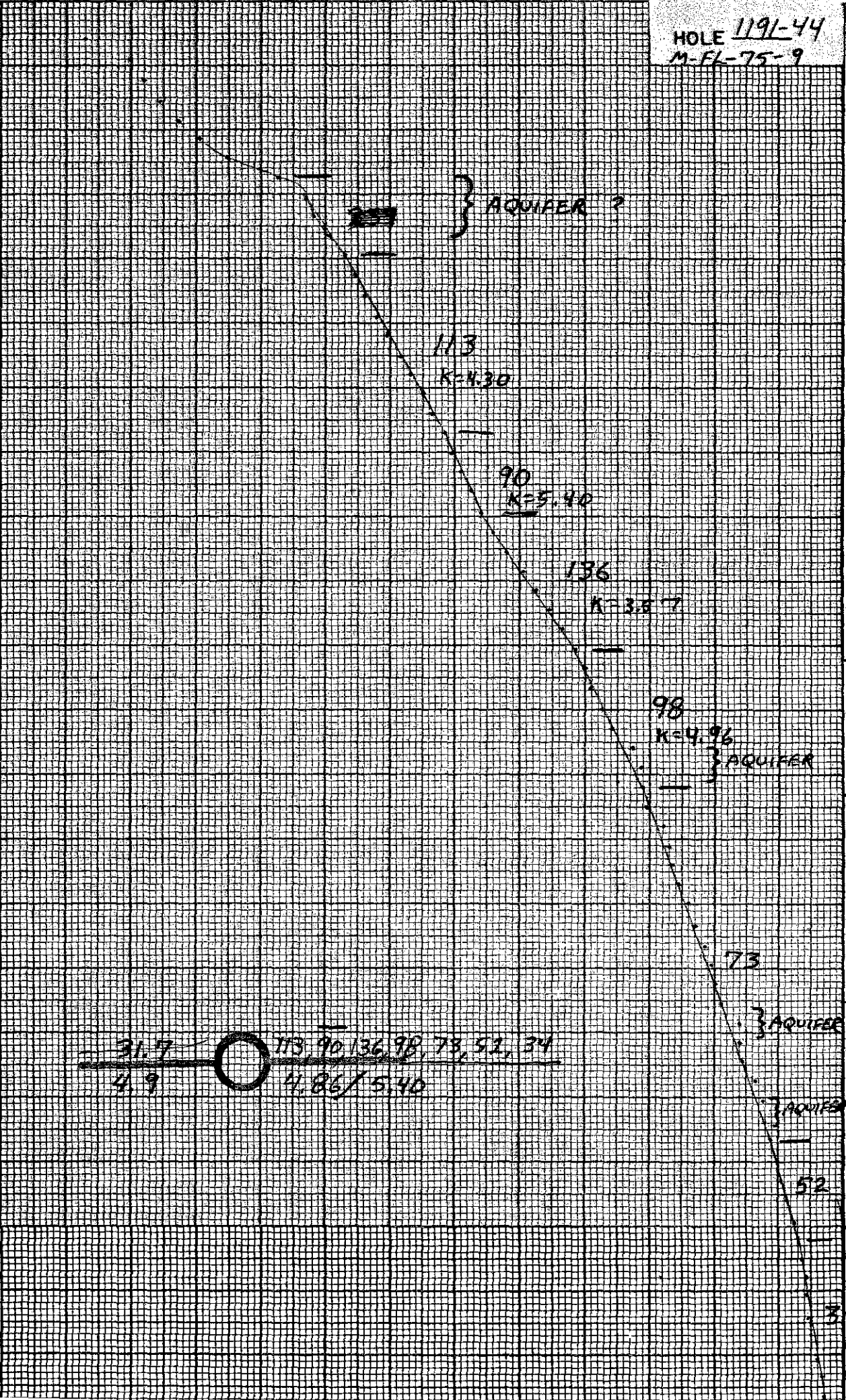
Comments Magma # 75-9

HOLE 1191-44
M-FL-75-9

TUFF
BR
RHYO TUFF
TUFF BRECCIA
RHYO TUFF
LATTITE/LANTITE BRECCIA
TUFFS & TUFF BRECCIA

DEPTH METERS
↓

10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210



Date Logged: 4/29/82AT Well No. 1191-44

Geotherm Ex log

~~1191~~-M-FL-75-9

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
6.1		16.6					
9.2		18.0					
12.2		18.4					
15.2		18.9					
< 18.3		19.5					
21.3		20.1					
24.4		21.0					
27.4		22.5					
30.5		23.4					
33.5		23.6					
36.6		24.1					
< 39.6		24.6					
42.7		24.9					
45.7		25.2					
48.8		25.6					
51.8		25.9					
54.9		26.3					
57.9		26.6					
61.0		27.0					
64.0		27.3					
< 67.1		27.7					
70.1		27.9					
73.2		28.2					
76.2		28.5					
< 79.3		28.8					
82.3		29.2					
85.4		29.6					

K=Conductivity

Date Logged: _____

ΔT Well No. 1191-44

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
88.4		30.1					
91.5		30.5					
94.5		30.9					
97.6		31.3					
< 100.6		31.7					
103.7		32.0					
106.7		32.2					
109.8		32.5					
112.8		32.8					
115.9		33.5					
118.9		33.7					
< 122.0		33.8					
125.0		33.9					
128.1		34.4					
131.1		34.6					
134.2		34.7					
137.2		34.9					
140.2		35.2					
143.3		35.4					
146.3		35.7					
149.4		35.9					
152.4		36.0					
155.5		36.2					
158.5		36.8					
161.6		36.8					
164.6		36.9					
167.7		37.3					

K=Conductivity

Date Logged: _____

ΔT Well No. 1191-44

M-FL-75-9

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
170.7		37.5					
173.8		37.6					
< 176.8		37.8					
179.9		38.0					
182.9		38.1					
186.0		38.3					
189.0		38.5					
< 192.1		38.6					
195.1		38.7					
198.2		38.9					
201.2		38.9					
204.3		38.9					
207.3		39.0					
210.4		39.2					
213.4		39.3					
216.5		39.4					
219.5		39.5					
222.6		39.6					
225.6		39.7					
228.7		39.8					
< 230.2		39.9					
231.7							
234.8							
237.8							
240.9							
243.9							
247.0							
250.2							

K=Conductivity