

6601087

AMERICAN CORPORATION, INC.
PRESSURE/DEPTH LOG

AT Well No. 864-81

Property-Project MC COY - 864 Depth Logged 92.7 meters
Map EDWARDS CREEK VALLEY Scale 15' Date: Drilled 03/25/81 Logged 05/27/81
State NEV. County CHURCHILL of SW of SW of Sec 29 T 22N R 39E
Instrument SPAFFORD #46 Operator MARK AVERY Elevation 5480 (m)
Comments CAPSTONE PASS AT HOLE: 2nd log

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR
1-20	1-20	1-20	1-20	1-20
864	81	27	05	81

*19-Write F if Fahrenheit, 20-Write F if Feet

Card A

Site Description	Operator	Editor	DA	MO	YR
21-68	21-68	21-68	21-68	21-68	21-68
0.8 KM SE OF SHOSHONE PAS	MAA	JED	25	03	81

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

Card B

Scale Unit IN CM Map Size (75, 15, 60) 15.0

N Lat Degree 39.30.0 W Long Degree 117.45.0

Map Location **

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

Use decimals

Northing	Easting	Elev
51-60	51-60	51-60
42.4	17.34	5480.0

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21-30	31-40	6.0	14.0

Best cond. (-K) Downward extrapolations (-ΔK)

Segment 2

51-60	61-70	14.0	24.0
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Segment 3

24.0	34.0		
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Segment 4

34.0	50.0		
------	------	--	--

Segment 5

50.0	62.0		
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Segment 6

62.0	70.0		
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Segment 7

70.0	92.0	-4.8	-1.5
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Segment 8

92.0		99.9	
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Segment 9

21-30	31-40		
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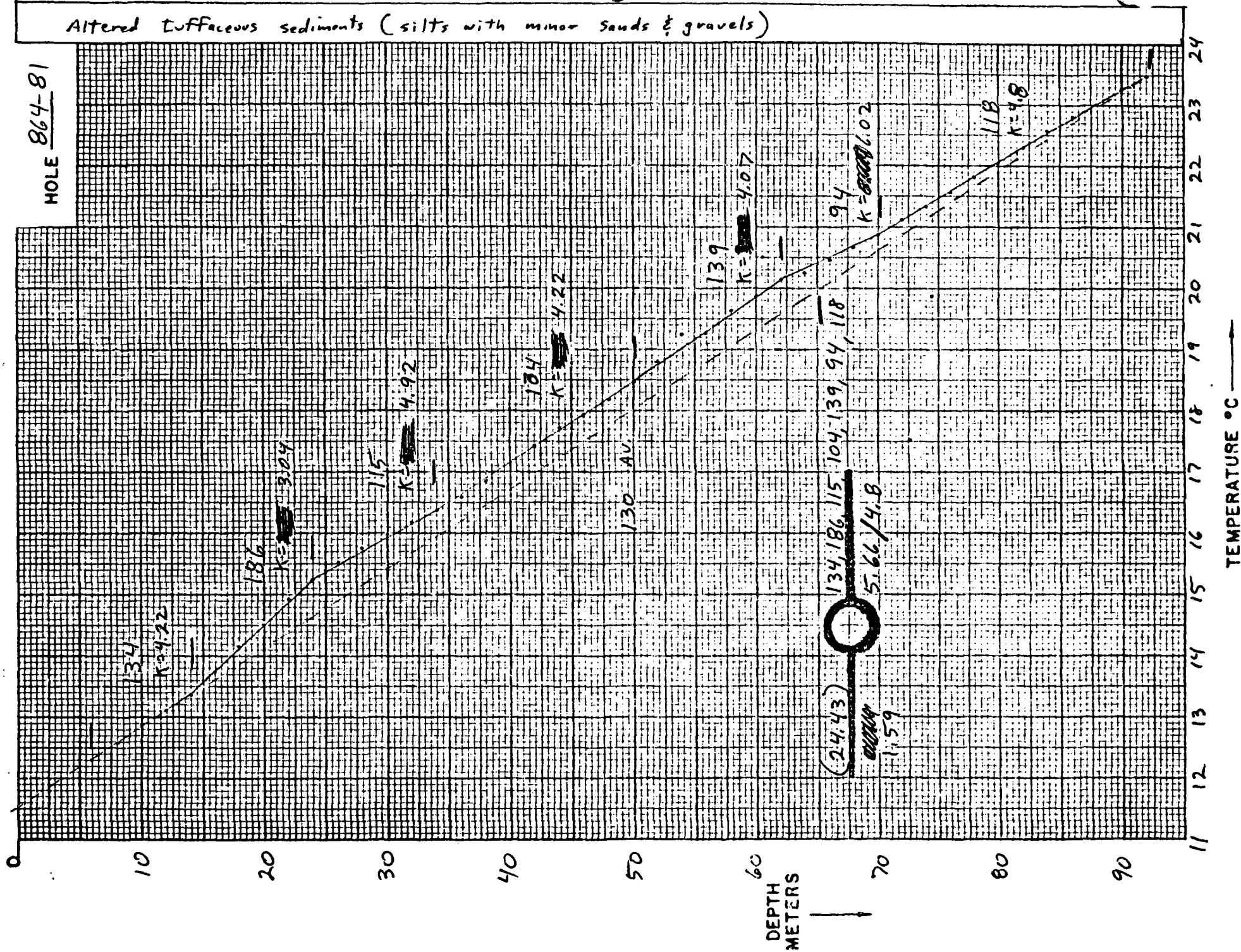
Segment 10

51-60	61-70		
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After final segment Start = 000

Altered tuffaceous sediments (silt with minor sands & gravels)

MOLE 864-81



TEMPERATURE °C

Date Logged: 05/27/81

AT Well No. 864-81

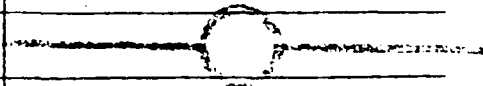
Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	(H ₂ O) Air	Lithology, etc. (cuttings in ELKO, WV.)
0							
2							
4							volcanic tuffs and weathered flow rocks.
6	138.28	12.30					
8	136.90	12.60	.30	150			
10	135.60	12.89	.29	145			
12	134.65	13.10	.21	105			
14	133.46	13.37	.27	135			
16	131.86	13.73	.36	180			
18	130.08	14.14	.41	205			
20	128.40	14.52	.38	190			
22	126.71	14.92	.40	200			
24	125.37	15.23	.31	155			
26	124.21	15.51	.28	140			
28	123.09	15.77	.26	130			
30	122.19	15.99	.22	110			
32	121.40	16.18	.19	95			
34	120.55	16.38	.20	100			
36	119.65	16.60	.22	110			
38	118.58	16.86	.26	130			
40	117.43	17.15	.29	145			
42	116.31	17.42	.27	135			
44	115.14	17.72	.30	150			
46	114.12	17.97	.25	125			
48	113.28	18.19	.22	110			
50	112.16	18.47	.28	140			
52	110.85	18.81	.34	170			

K=Conductivity

Logged: 05/27/81

ΔT Well No. 864-81

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	(H ₂ O) Atr	Lithology, etc.
54	109.21	18.81 19.24	.43 .03	215 15			
56	109.07	19.27	.35	165			
58	107.76	19.62	.26	130			
60	106.76	19.88	.26	130			
62	105.80	20.14	.11	55			
64	105.38	20.25	.21	105			
66	104.62	20.46	.21	105			
68	103.82	20.67	.22	110			
70	103.04	20.89	.22	110			
72	102.24	21.11	.22	110			
74	101.45	21.33	.24	120			
76	100.57	21.57	.23	115			
78	99.74	21.80	.24	120			
80	98.90	22.04	.26	130			
82	98.00	22.30	.27	135			
84	97.07	22.57	.24	120			
86	96.24	22.81	.19	95			
88	95.56	23.00	.26	130			
90	94.70	23.26	.23	115			
92	93.91	23.49					
94	93.77						
96							
98							
100							
102							
104							
106							



LITHOLOGIC LOG

Project: 864 (McCoy)

Hole: 81

Elevation: 5480' MSL

Date Drilled: 3/25/81


Location: SW 1/4 SW 1/4 Sec 29 T22N R39E

Method: air/foam injection

Geologist: Mark Avery

Gamma: N/A

(TD = 91.46 meters)

Depth (m)	Description
0- 3	Overburden
3-13	Altered gray-grayish white very fine-grained to fc ash-fall and x-tal ashflow tuffs. Most chips crumble easily with alteration of feldspars to white montmorillic clay. Iron staining present. Relic phenocrysts in x-tal ashflow tuffs often replaced with iron oxides. Mafic minerals (biotite) and hornblende (present as elongated phenocrysts) in altered ashflow tuffs.
13-16	Highly altered and iron-stained tuffs and tuffaceous sediments. Latter contains rounded gravels of ashflow tuffs as in 3-13m.
16-30	White beige tuffaceous sediments. Very fine-grained, banded with alternating white/beige laminae. High content of clay.
30-36	(As in 13-16m).
36-60	White-gray thinly bedded to laminated tuffaceous sediments.
60-70	More gray tuffaceous sediments as before with 40% hornblende (phenocrysts 0 →  in shape) rich altered tuffs (also gray in color).
70-91.46	White to gray banded and laminated tuffaceous sediments (rarely as thin beds) with 10-20% altered x-tal tuffs (gray). Very soft and light, crumbles easily. High clay content.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-82

Property-Project MCCOY - 864 Depth Logged 45.6 meters

Map EDWARDS CREEK VALLEY Scale 15' Date: Drilled 03/26/81 Logged 05/27/81

State NEV County WHEELER, of SW of NW of NW of Sec 3 T 21N R 39E

Instrument SPAFFORD # 46 Operator MARK ANERY Elevation 5185 (m)

Comments EDWARDS CREEK WINDMILL (SECOND LOG, 2 months from date of drilling)

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20			
864	8227	05	81	CM

*19-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	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	71 72 73 74 75 76 77 78 79 80	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 100																																																													
1.2 KM N. OF EDWARDS CK WELL																																																		MAA					/IED					26			03			81		

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

Card B

Map Location **

Scale Unit	Map Size	N Lat	W Long
IN CM	(7.5, 15, 60)	Degree	Min
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40
CM	15.0	39.30	117.45

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

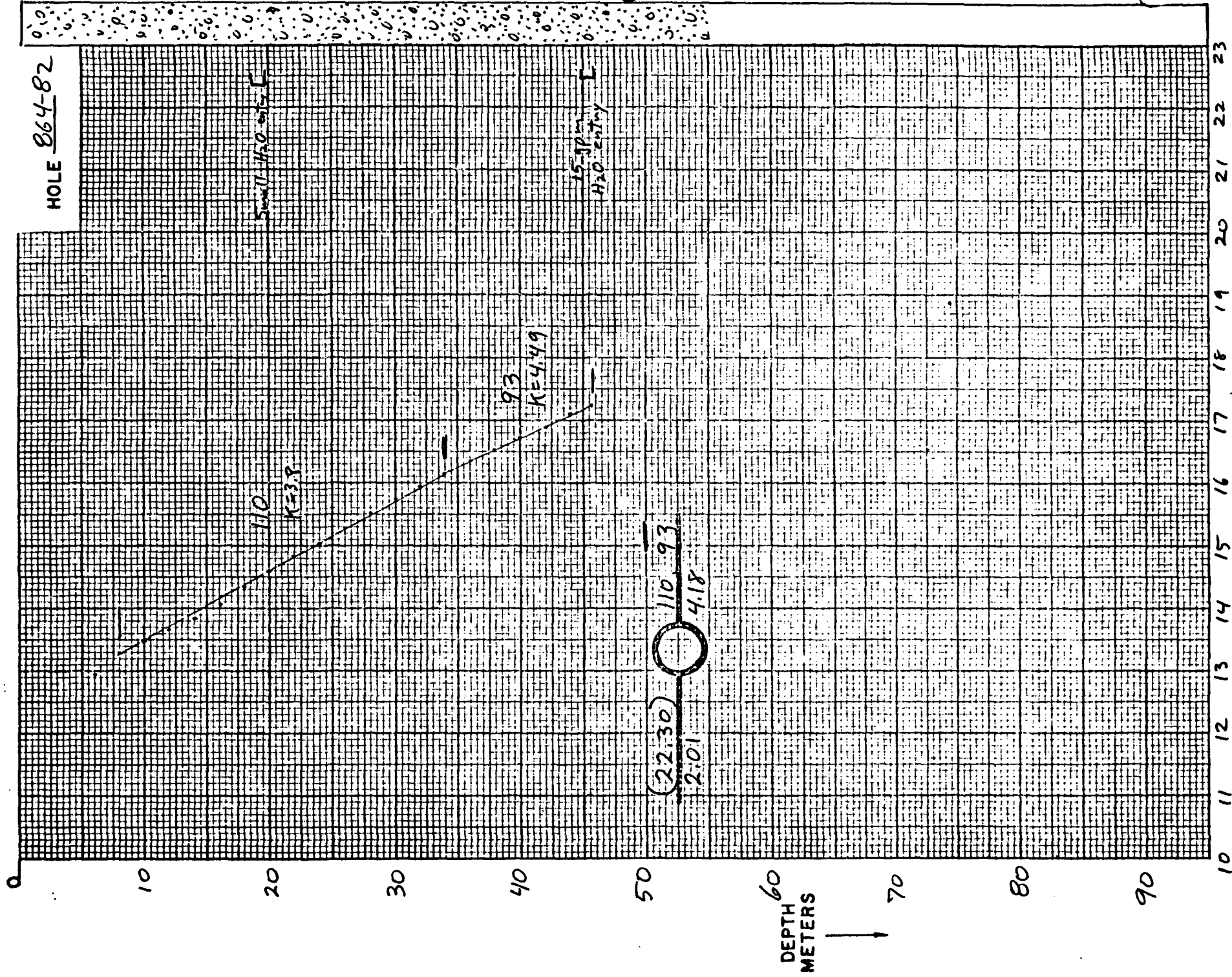
Northing	Easting	Elev
51 52 53 54 55	56 57 58 59 60	61 62 63 64 65
40.92	22.0	55185

Use decimals

Write M if meters

Segment	Start	End	Conductivity K	ΔK	Best cond. (-K)	Downward extrapolations (-ΔK)
Segment 1	8.0	34.0				
Segment 2			34.0		44.0	4.49
Segment 3	.999					
Segment 4						
Segment 5						
Segment 6						
Segment 7						
Segment 8						
Segment 9						
Segment 10						
After final segment	Start = 000					

HOLE 064-82



Date Logged: 05/27/81

ΔT Well No. 864-82

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.	
0							Sand & gravel	
2								
4								
6	135.25	12.97	.33	165				
8	133.76	13.30	.18	90				
10	132.98	13.48	.19	95				
12	132.15	13.67	.18	90				
14	131.33	13.85	.23	115				
16	130.35	14.08	.26	130				
18	129.20	14.34	.25	125			Small H ₂ O entry	
20	128.10	14.59	.23	115				
22	127.13	14.82	.22	110				
24	126.17	15.04	.26	130				
26	125.10	15.30	.22	110				
28	124.14	15.52	.24	120				
30	123.16	15.76	.20	100				
32	122.29	15.96	.20	100				
34	121.49	16.16	.18	90				
36	120.73	16.34	.18	90				
38	119.99	16.52	.20	100				
40	119.18	16.72	.17	85				
42	118.47	16.89	.21	105				
44	117.63	17.10						
45.6	117.07	17.24	correct hole temp.					
46							15 gpm H ₂ O entry	
48								
50								
52								

K-Conductivity

LITHOLOGIC LOG

Project: 864 (McCoy)

Hole: 864-82

Elevation: 5,220'

Date Drilled: March 26, 1981

Location: SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec 34, T22N, R39E

Method: air/foam injection

Geologist: Mark Avery

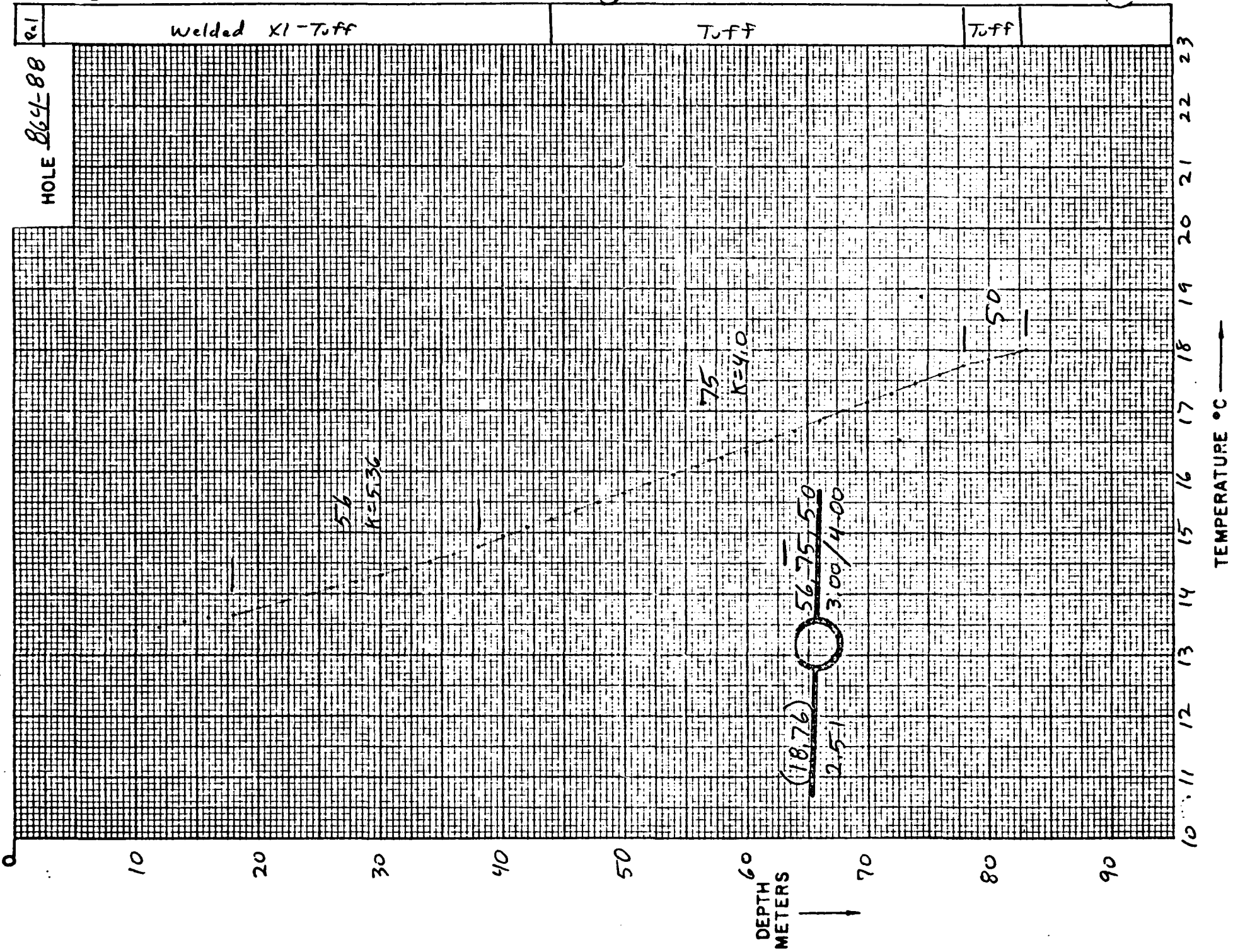
Gamma: N/A

Depth (m)

Description

0-52m

Lacustrine sands and alluvial gravels. Composition is 50% sands and 50% gravels and pebble-sized clasts of volcanic (tuffs and flow-rocks); triassic conglomerate; cherts and siltstones of Havallah formation (unconsolidated alluvial sediments). Water entries were encountered at 18m and 46m (15 gpm).



Date Logged: 05/23/81

AT Well No. 864-88

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	133.90	13.27					
10	133.27	13.41	.14	70			
12	132.97	13.48	.07	35			
14	132.74	13.53	.05	25			
16	132.40	13.61	.08	40			
18	132.02	13.66	.07	35			
20	131.57	13.78	.12	60			
22	131.08	13.91	.13	65			
24	130.65	14.01	.10	50			
26	130.21	14.11	.10	50			
28	129.80	14.20	.09	45			
30	129.33	14.31	.11	55			
32	128.88	14.41	.10	50			
34	128.38	14.53	.12	60			
36	127.86	14.65	.12	60			
38	127.32	14.78	.13	65			
40	126.56	14.95	.17	85			
42	125.98	15.09	.14	70			
44	125.40	15.22	.13	65			
46	124.82	15.36	.14	70			
48	124.22	15.50	.14	70			
50	123.63	15.64	.14	70			
52	122.92	15.81	.17	85			

K=Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-88

Elevation: 5435

Date Drilled: 4-4-81

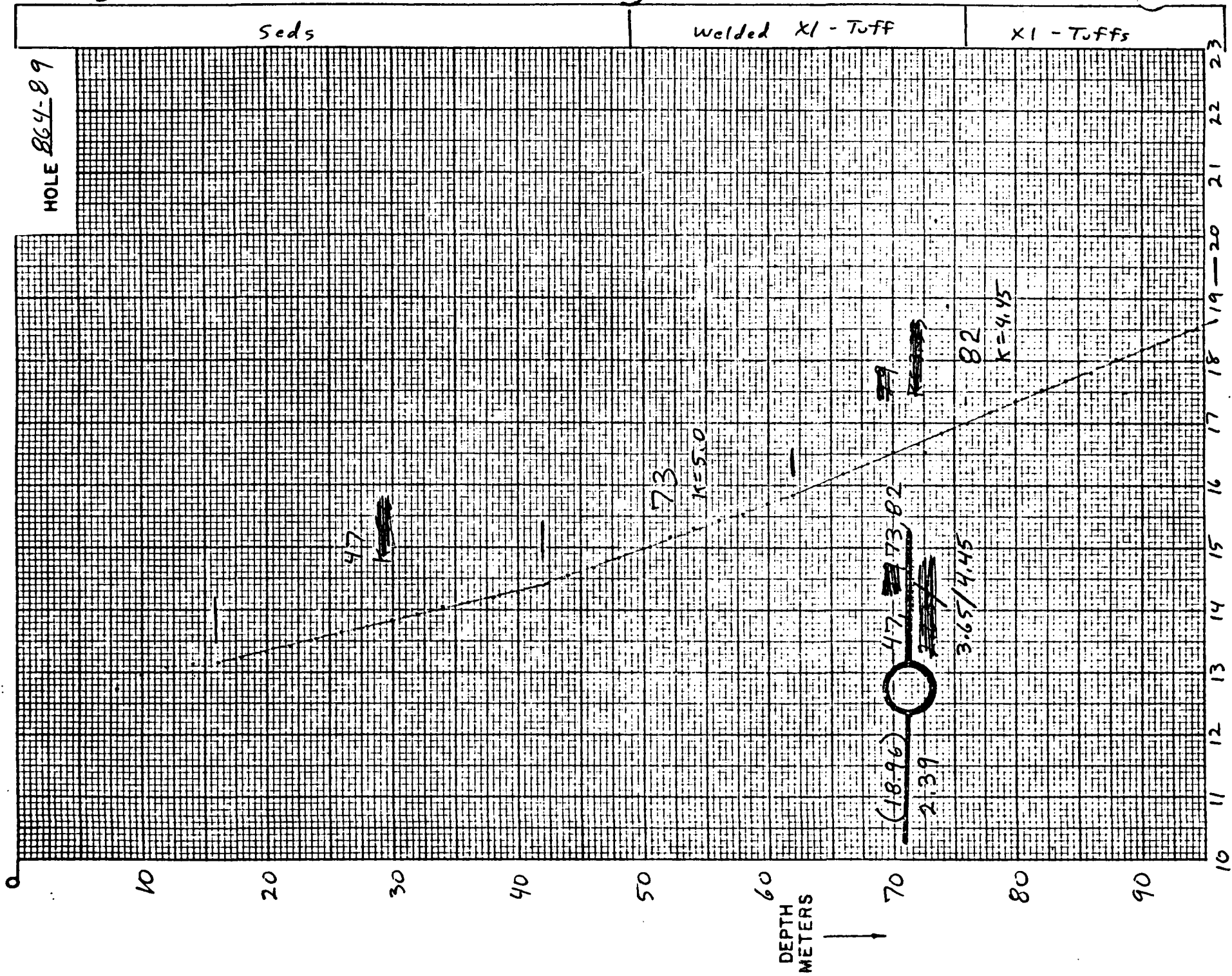
Location: SWSE 25 T22N R39E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0- 2	Alluvium - lt. reddish-brown to tan, sandy silt with subangular gravels of intermediate volcanics and minor limestones and cherts.
2-44	Welded Crystal Tuff - primarily lt. red with lessor mounts of lt. gray, hard, 15-30% phenocrysts (2-5mm) of feldspars (mostly altered to clays), smaller clear to milky anhedral quartz (5%), and trace of biotite, and small magnetite. Minor limonitic staining and manganese coatings along small fractures. Some of the larger anhedral, white material altered to clays may be relic pumice fragments.
44-78	Tuff - lt. pink to lt. gray tuff altered to montmorillonite clays. Firm when dry, swells and crumbles when wet. 5-20% small crystals of quartz (3-5%) biotite, magnetite, and altered plagioclase. Up to 20% of sample consists of crystal tuffs from above, amount decreases with depth.
78-82	Tuff - lt. pink to lt. gray, firm to hard, 2-3% clear anhedral quartz phenocrysts, trace of magnetite up to 1mm, and biotite 1-2mm. Groundmass of fine granular tuffaceous material and altered feldspars. Limonitic staining common along small fractures and around some magnetite grains. Minor small (1-2mm) quartz filled veins.



7

Date Logged: 05/23/81

ΔT Well No. 864-89

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	136.18 ↑ _f	12.76 ↓	.23	115			
10	135.16 ↑ _s	12.99	.09	45			
12	134.74	13.08	.04	20			
14	134.58	13.12	.05	25			
16	134.35	13.17	.07	35			
18	134.04	13.24	.08	40			
20	133.68	13.32	.09	45			
22	133.29	13.41	.13	65			
24	132.72	13.54	.12	60			
26	132.19	13.66	.09	45			
28	131.76	13.75	.09	45			
30	131.37	13.84	.09	45			
32	130.97	13.93	.11	55			
34	130.52	14.04	.08	40			
36	130.16	14.12	.08	40			
38	129.83	14.20	.08	40			
40	129.47	14.28	.12	60			
42	128.95	14.40	.14	70			
44	128.32	14.54	.15	75			
46	127.69	14.69	.16	80			
48	127.00	14.85	.16	80			
50	126.30	15.01	.17	85			
52	125.60	15.18					

K-Conductivity

Date Logged: 05/23/81

ΔT Well No. 864-89

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
52	123.68	15.18	.14	70			
54	124.98	15.32	.13	65		H ₂ O	
56	124.45	15.45	.13	65			
58	123.88	15.58	.13	65			
60	123.33	15.71	.15	75			
62	122.74	15.86	.16	80			
64	122.06	16.02	.17	85			
66	121.33	16.19	.18	90			
68	120.61	16.37	.17	85			
70	119.91	16.54	.13	65			
72	119.26	16.67	.18	90			
74	118.65	16.85	.15	75			
76	118.03	17.00	.17	85			
78	117.33	17.17	.17	85			
80	116.63	17.34	.19	95			
82	115.90	17.53	.16	80			
84	115.24	17.69	.17	85			
86	114.55	17.86	.17	85			
88	113.88	18.03	.18	80			
90	113.26	18.19	.17	85			
92	112.61	18.36	.14	60			
94	112.05	18.50	.14	60			
96	111.51	18.64					

K=Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-89

Elevation: 5400

Date Drilled: 4-4-81

Location: SWSW 31 T22N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-49	Alluvium - tan, sandy silt with small angular to subangular gravels of volcanics and minor cherts and limestones. Too damp to drill dry at 9m. Predominantly gravels up to 10cm in upper 8m.
49-76	Welded Crystal Tuff - pink, hard, brittle, fine tuffaceous to aphanitic groundmass with 10-20% phenocrysts of biotite (1-3mm), clear anhedral quartz (1-3mm), feldspars (mostly altered) and trace of magnetite and hornblende. Considerable oxidation of magnetite and some biotite, and red iron staining along small fractures. Appears to be pervasively fractured. 20-30% of sample consists of uphole sluff.
76-84	Crystal Tuff - as above, except poorly, or non-welded, predominantly lt. gray to lt. pink.
84-95	Crystal Tuff - non-welded, soft tuffaceous matrix washes out of cuttings leaving anhedral clear quartz, biotite, feldspars and lithic fragments.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-90

Property-Project MCCOY - 864 Depth Logged 133m
 Map EDWARDS CK. VALLEY Scale 15' Date: Drilled 03/27/81 Logged 05/23/81
 State NEV. County CHURCHILL, of center of NW of NW of Sec 32 T 22N R 40E
 Instrument SPAFFORD # 46 Operator MARK AVERY Elevation 5720 (ft/m)
 Comments 2nd (and final) AT log.

JUSTIFY

Card A

Date Logged

Proj No	Well No	DA	MO	YR
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		
864	9023	05	31	CM

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description

Operator	Editor	DA	MO	YR
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			
MAA	JED	27	31	81

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

Card B

Map Location * *

Scale Unit

IN	Map Size (75, 15, 60)	N Lat Degree	Min	W Long 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	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				
CM	15.0	39.30	0	117.45	0

Use decimals

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

Northing

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			
41.78	32.82	5720	F

Use decimals

Elev

Write M if meters

Segment != Depths

Start	End	Conductivity K	ΔK	Best cond. (-K)
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 71 72 73 74 75 76 77 78 79 80			
18.0	38.0			

Segment 2

Start	End	Conductivity K	ΔK
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			
		38.0	44.0

Segment 3

Start	End	Conductivity K	ΔK
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 71 72 73 74 75 76 77 78 79 80		
44.0	66.0		

Segment 4

Start	End	Conductivity K	ΔK
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 71 72 73 74 75 76 77 78 79 80		
99.9	132.0	7.41	-.5

Segment 5

Start	End	Conductivity K	ΔK
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 71 72 73 74 75 76 77 78 79 80		

Segment 6

Start	End	Conductivity K	ΔK
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 71 72 73 74 75 76 77 78 79 80		

Segment 7

Start	End	Conductivity K	ΔK
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 71 72 73 74 75 76 77 78 79 80		

Segment 8

Start	End	Conductivity K	ΔK
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 71 72 73 74 75 76 77 78 79 80		

Segment 9

Start	End	Conductivity K	ΔK
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 71 72 73 74 75 76 77 78 79 80		

Segment 10

Start	End	Conductivity K	ΔK
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 71 72 73 74 75 76 77 78 79 80		

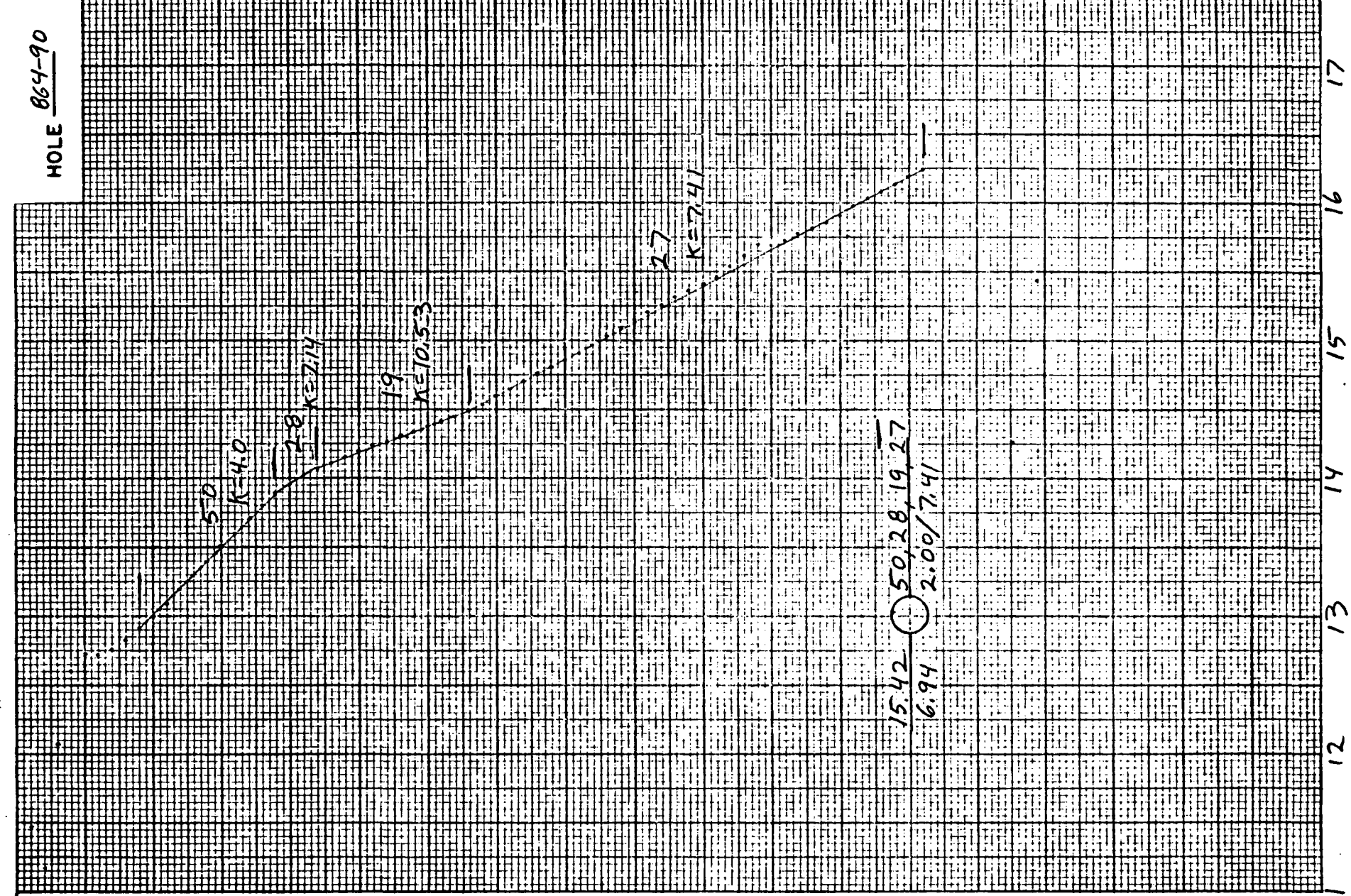
After final segment Start = 999

HOLE 864-90

VIIT
TOFF
VIIT
TOFF
VIIT
TOFF

Chert
Fanglomerate

Calcareous siltstone



DEPTH
METERS
130
140
150

TEMPERATURE °C

15.42
6.94

50, 28, 19, 27

2.00 / 7.41

50
K=4.0

28
K=7.14

19
K=10.53

27
K=7.41

Date Logged: 05-23-81

AT Well No. 864-90

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0	153.457 _f	13.37					Qa1
2	142.061 _s	11.47					↓
4	143.45	11.17					
6	139.271 _s	12.08	0.91	455			↓
8	136.93	12.60	0.52	260			Latite TUFF
10	136.43	12.71	0.11	55			↓
12	136.37	12.72	0.08	5			
14	136.20	12.76	0.04	20			↓
16	135.89	12.83	0.07	35			XI-Lithic TUFF
18	135.53	12.91	0.09	45			↓
20	135.12	13.00	0.09	45			
22	134.71	13.09	0.09	45			↓
24	134.28	13.19	0.10	50			ViTrophyre
26	133.81	13.29	0.10	50			↓
28	133.33	13.40	0.11	55			XI-TUFF
30	132.85	13.51	0.11	55			↓
32	132.40	13.61	0.10	50			
34	131.96	13.71	0.10	50			↓
36	131.53	13.81	0.10	50			Chert (Fanglomerate)
38	131.12	13.90	0.09	45			↓
40	130.80	13.97	0.07	35			
42	130.59	14.02	0.05	25			↓
44	130.38	14.07	0.05	25			
46	130.19	14.11	0.04	20			↓
48	130.01	14.15	0.04	20			
50	129.83	14.20	0.05	25			↓
52	129.66	14.24	0.04				

K=conductivity

Date Logged: 05/23/81AT Well No. 864-90

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
54	129.50	14.27	0.03	15			↓
			0.04	20			
56	129.33	14.31					
			0.03	15			
58	129.18	14.34					
			0.04	20			
60	129.03	14.38					
			0.04	20			
62	128.86	14.42					
			0.03	15			
64	128.72	14.45					
			0.04	20			
66	128.56	14.49				Calcareous Siltstone	
			0.05	25			
68	128.35	14.54					
			0.06	30			
70	128.06	14.60					
			0.05	25			
72	127.86	14.65					
			0.05	25			
74	127.63	14.70					
			0.06	30			
76	127.40	14.76					
			0.05	25			
78	127.17	14.81					
			0.05	25			
80	126.94	14.86					
			0.05	25			
82	126.72	14.91					
			0.06	30			
84	126.46	14.97					
			0.06	30			
86	126.23	15.03					
			0.06	30			
88	125.98	15.09					
			0.06	30			
90	125.72	15.15					
			0.06	30			
92	125.48	15.21					
			0.05	25			
94	125.24	15.26					
			0.06	30			
96	125.00	15.32					
			0.05	25			
98	124.80	15.37					
			0.05	25			
100	124.58	15.42					
			0.05	25			
102	124.35	15.47					
			0.07	35			
104	124.05	15.54					
			0.08	40		↓	
106	123.71	15.62					

K=Conductivity

Date Logged: 05/23/81

AT Well No. 864-90

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
108	123.70 123.44	15.69	0.07	35			Calcareous siltstone
110	123.42	15.69	0.00	0			
112	123.28	15.73	0.04	20			
114	123.09	15.77	0.04	20			
116	122.87	15.82	0.05	25			
118	122.70	15.86	0.04	20			
120	122.45	15.92	0.06	30			
122	122.22	15.98	0.06	30			
124	122.00	16.03	0.05	25			
126	121.81	16.08	0.05	25			
128	121.58	16.13	0.05	25			
130	121.36	16.19	0.06	30			
132	121.15	16.24	0.05	25			
133 ~ 134	121.10	16.25	?				
136							
138							
140							
142							
144							
146							
148							
150							
152							
154							
156							
156							
160							

K=Conductivity

LITHOLOGIC LOG

Project: McCoyHole: 864-90Elevation: 5720Date Drilled: 3-27-81Location: NWNW 32 T22N R40EMethod: rotary airGeologist: Deymonaz

Gamma: _____

Depth (m)	Description
0- 9	Alluvium - med-brown, sandy silt with subrounded to subangular gravels of latitic volcanics, siltstones, and limestones.
9- 15	Latite Tuff - red to lt.-gray, argillized and less commonly silicified. 5-10% phenocrysts of clear tabular sanidine, squarish clear to milky k-spar, and minor biotite and quartz in tuffaceous matrix. Trace of small lithic fragments of volcanic rock and black siltstone. Some samples contain sufficient quartz to be classified as rhyolite.
15- 25	Crystal-Lithic Tuff - white, firm to hard, 5-15% xls of clear anhedral quartz (much of quartz has pale pink hue) 2-5mm, fresh appearing black to green chloritized biotite, 0.5-2.0mm, and small rounded to subangular dk. gray to lt. gray lith fragments of volcanics and black siltstones, in mottled white to pale greenish aphanitic groundmass. Minor small clear quartz filled fractures. White mottled appearance due to pseudomorphs of feldspars and/or altered pumice fragments.
25- 28	Virtrophyre - black, glassy, with 50-75% large phenocrysts (2-5mm) of clear anhedral quartz, black euhedral biotite and clear to white fresh to altered feldspars in black glassy groundmass. Possibly base of above unit.
28- 34	Xl-Tuff - lt.-med-gray, soft argillized tuffs. 5-10% xls of quartz and altered biotite and feldspars. 2-5% small aphanitic lithic fragments.
34- 67	Chert (Fanglomerate?) - buff to lt. greenish-gray and pale red, finely granular chert. Color varies considerably in each sample. Some rounded weathered surfaces observed. May be fairly well indurated fanglomerate (penetration 80-100 ft/hr with mill tooth bit and air). Cherts are commonly fractured and iron-stained, minor thin manganese deposits along fractures.
67-137	Calcareous Siltstone - black, effervescence vigorously in HCl. Minor small veins (1-3mm) of clear to white calcite. Trace of small (0.1-0.5mm) disseminated pyrite. Firm to hard, drills easily with mill tooth bit (60-80 ft/hr) and commonly breaks along poorly defined laminations.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-92

Property-Project MC COY. - 864 Depth Logged 83.3 meters
 Map MT. AIRY NW Scale 7.5' Date: Drilled 4/6/81 Logged 05/28/81
 State NEV. County LANDER of SE of SE of Sec 3 T 21 N R 40 E
 Instrument SPAFFORD * 46 Operator MBL AVERY Elevation 6080 (ft/m)
 Comments SECOND LOGGING OF THIS ST HOLE.

JUSTIFY

Card A

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20				
864	9228	05	08	81

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description																														Operator					Editor					DA					MO					YR				
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	71 72 73 74 75	76 77 78 79 80	81 82 83 84 85	86 87 88 89 90	91 92 93 94 95	96 97 98 99 100																																												
4.9 KM W-NW OF PETERSON MINE																														MAA					JED					06					04					81				

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

Card B

Map Location **

Scale Unit	Map Size	N Lat	W Long
IN	(7.5, 15, 60)	Degree	Min
CM		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			
CM	7.5	39.37	117.30

Use decimals

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																39.49															14.586080									

Use decimals

Write M if meters

Segment 1	Start	End	Conductivity K	ΔK
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				
		20.0	46.0	

Best cond. (-K) - Downward extrapolations (-ΔK)

Segment 2	Start	End	Conductivity K	ΔK
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				
			46.0	83.0 - 5.0 = -5.0

Segment 3

Segment 4

Segment 5

Segment 6

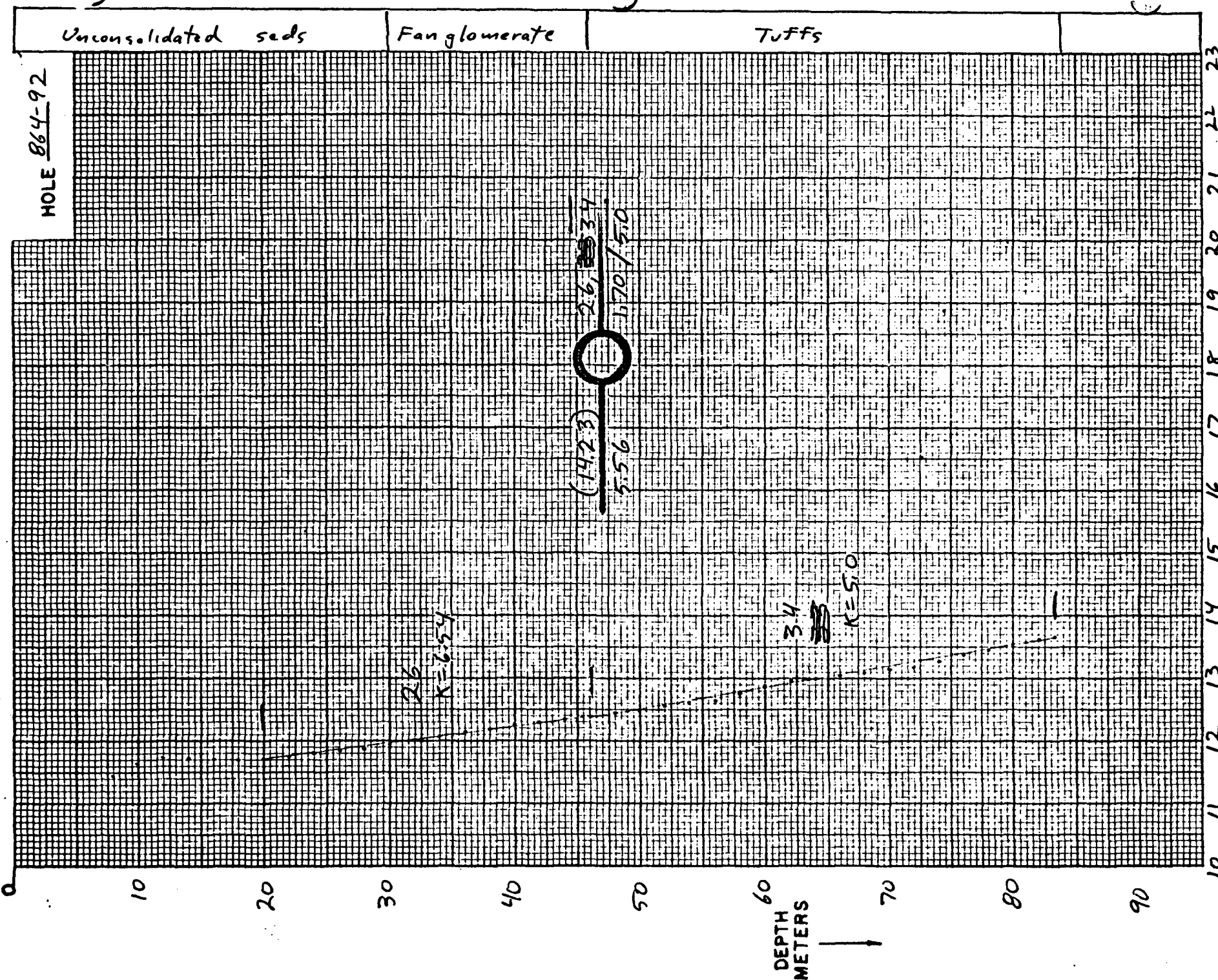
Segment 7

Segment 8

Segment 9

Segment 10

After final segment



TEMPERATURE °C →

DEPTH METERS ↓

Date Logged: 05/28/51

ΔT Well No. 864-92

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	^{H₂O} Air	Lithology, etc.
0							
2							
4							
6							
8	142.11 ↑ _s	11.46					
10	141.16	11.67	.21	105			
12	140.88	11.73	.06	30			
14	140.94	11.72	-.01	-5			
16	140.97	11.71	-.01	-5			
18	141.00	11.70	-.01	-5			
20	140.92	11.72	.02	10			
22	140.73	11.76	.04	20			
24	140.57	11.80	.04	20			
26	140.39	11.84	.04	20			
28	140.19	11.88	.07	35			
30	139.86	11.95	.07	35			
32	139.53	12.02	.06	30			
34	139.29	12.08	.06	30			
36	139.00	12.14	.06	30			
38	138.79	12.19	.06	30			
40	138.49	12.25	.05	25			
42	138.28	12.30	.04	20			
44	138.07	12.34	.06	30			
46	137.81	12.40	.05	25			
48	137.60	12.45	.04	20			
50	137.40	12.49	.06	30			
52	137.15	12.55					

K=Conductivity

LITHOLOGIC LOG

Project: McCoyHole: 864-92Elevation: 6080Date Drilled: 4-6-81Location: SESE 3 T21N R40EMethod: rotary airGeologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-30	Alluvium - tan, sandy-silt with angular to subangular gravels of chert, volcanics and limestone.
30-46	Fanglomerate - tan to red cherts with considerable variation within each sample, much iron-staining along fractures. 5-20% fine siliceous sandstones. 10-50% of sample volcanics and cherts, probably from upper 30m of hole. Increasing amounts of tuffs below 40m.
46-82	Tuff - reddish-brown, firm to hard, matrix material argillic alteration to montmorillonite clays. 20-25% small (0.5-1.0mm) xls of white to clear tabular plagioclase altered to clays, and an undetermined amount of small quartz grains. Trace of large biotite phenocrysts and small magnetite. Manganese deposition on some small tight fractures. Tuff increasing in sample from below 46m to 61m where it comprises about 80% of sample.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 864-93

Property-Project MCCOY - 864 Depth Logged 80 meters

Map MOUNT AIRY NW Scale 7.5 Date: Drilled 4-7-81 Logged 05/28/81

State KEY. County LANDER of SW of NW of Sec 35 T23 N R 40 E

Instrument STAFFORD # 46 Operator MARK AVERY Elevation 6030 (ft)

Comments SECOND LOGGING OF THIS AT HOLE.

JUSTIFY

Proj No		Well No		Date Logged		DA		MO		YR	
1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20				
864				9328		05		81		CM	

*19-Write F if Fahrenheit, 20-Write F if Feet

Card A

Site Description																																																		Operator		Editor		Date					
																																																		DA	MO	YR							
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												
7.2 KM W OF PETERSON MINE																																																		MAA		JED		07		04		81	

(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
CM		7.5		39.		37.		117.		30.		0																	

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

Use decimals

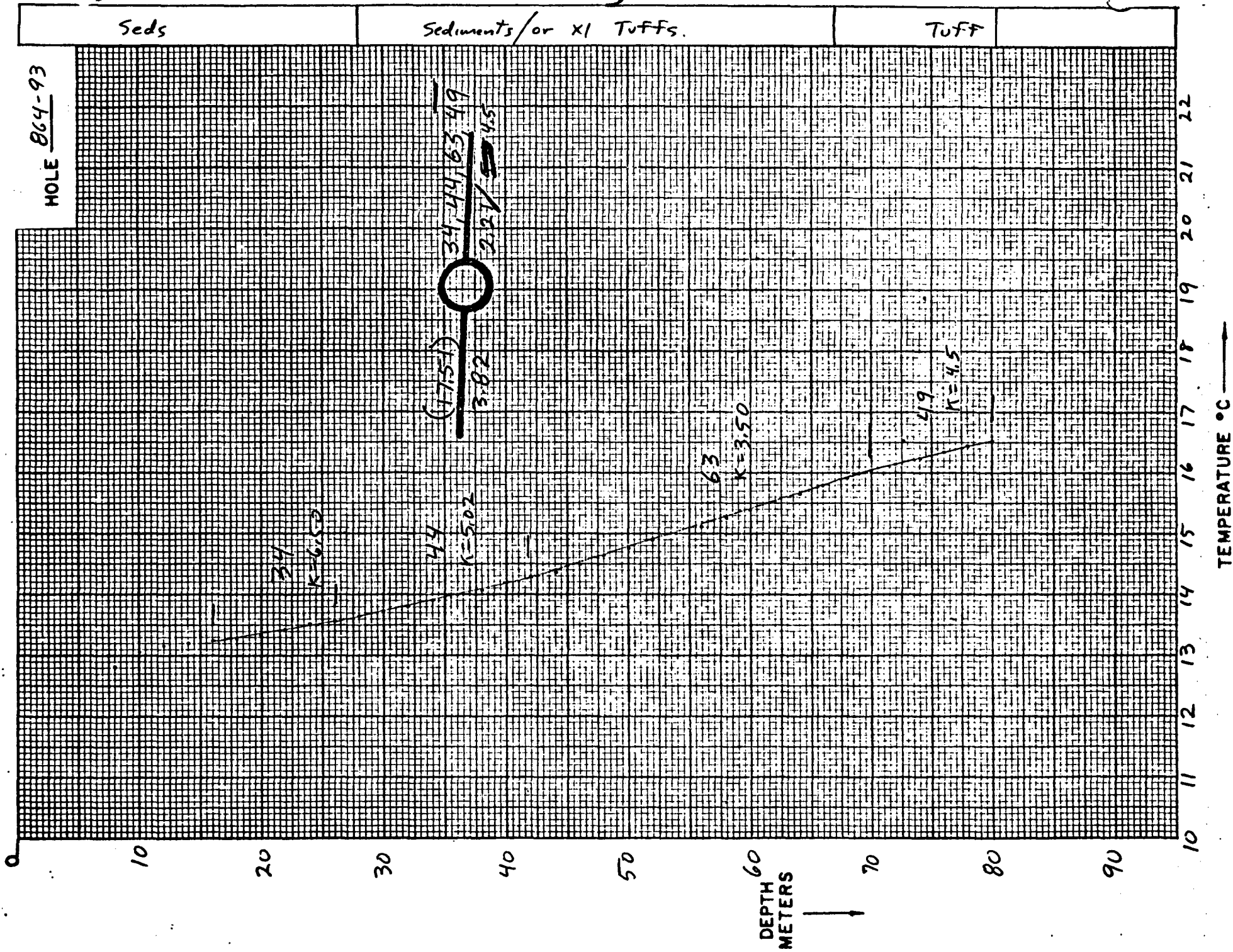
Northing										Easting										Elev									
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
49.25										16.60										6030.									

Write M if meters

Use decimals

Segment	Start	End	Conductivity K	ΔK	Best cond. (-K)
Segment 1	16.0	26.0			
Segment 2	26.0	42.0	26.0	42.0	
Segment 3	42.0	70.0			
Segment 4	70.0	80.0	70.0	80.0	-4.5
Segment 5	80.0				2.5
Segment 6					
Segment 7					
Segment 8					
Segment 9					
Segment 10					

After final segment
Code - 000



Date Logged: 05/28/81

ΔT Well No. 864-93

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	136.02 ↑s	12.80					
10	134.82	13.06	0.26	130			
12	134.35	13.17	.11	55			
14	134.19	13.21	.04	20			
16	134.04	13.24	.03	15			
18	133.87	13.28	.04	20			
20	133.56	13.35	.07	35			
22	133.19	13.43	.08	40			
24	132.84	13.51	.08	40			
26	132.51	13.58	.07	35			
28	132.19	13.66	.08	40			
30	131.84	13.74	.08	40			
32	131.52	13.81	.07	35			
34	131.11	13.90	.09	45			
36	130.73	13.99	.09	45			
38	130.35	14.08	.09	45			
40	129.85	14.19	.11	55			
42	129.42	14.29	.10	50			
44	129.04	14.38	.09	45			
46	128.49	14.50	.12	60			
48	127.86	14.65	.15	75			
50	127.28	14.78	.13	65			
52	126.80	14.90	.12	60			

K=Conductivity

Date Logged: 05/29/81

AT Well No. 864-93

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K		Lithology, etc.
					(Est.)	H ₂ O Air	
54	126.32	14.90 15.01	.11	55			
56	125.83	15.12	.11	55			
58	125.20	15.27	.15	75			
60	124.66	15.40	.13	65			
62	124.11	15.53	.13	65			
64	123.57	15.66	.13	65			
66	123.02	15.79	.13	65			
68	122.47	15.92	.13	65			
70	121.99	16.04	.12	60			
72	121.48	16.16	.12	60			
74	121.07	16.26	.10	50			
76	120.66	16.36	.10	50			
78	120.27	16.45	.09	45			
80	119.93	16.53	.08	40			
82							80 m.
84							
86							
88							
90							

K=Conductivity

LITHOLOGIC LOG

Project: McCoyHole: 864-93Elevation: 6030Date Drilled: 4-7-81Location: SWNW 35 T23N R40EMethod: rotary airGeologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-28	Alluvium - tan, silt with angular gravels of sandstone, chert and volcanics. Increasing chert and sandstone with depth, possibly fanglomerate.
28-67	Alluvium/Crystal Tuffs - red to yellow-brown crystal tuffs in increasing amounts mixed with alluvium as above.
67-75	Crystal Tuff - med. gray to red to yellow-brown and firm as above. Altered groundmass of tuffaceous material and 10-15% crystals of altered feldspars and minor quartz, mostly less than 1mm. Minor large biotite, common manganese deposition along fractures, rare small magnetite.
75-80	Tuff - lt. gray, firm, brittle, granular mass of tuffaceous material and small (<0.5mm) crystals of quartz and altered feldspars with rare small biotite and magnetite. Manganese common along small fractures.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-94

Property-Project MC 04 - 864 Depth Logged 83.7
 Map MT. AIRY NW Scale 7.5' Date: Drilled 4-7-81 Logged 05/28/81
 State NEV. County LANDER of of NW of NE of Sec 26 T22N R 40E
 Instrument STAFFORD # 46 Operator MARK AVERY Elevation 5830 (ft)
 Comments SECOND LOGGING OF THIS ST HOLE.

JUSTIFY

Card A

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
864	9428	05	08	81

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description

Operator	Editor	DA	MO	YR
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	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
9.2 KM N OF PETERSON MINE	MAA / JED	07	04	81

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

Card B

Map Location **

Scale Unit IN CM

Map Size (75, 15, 60)

N Lat Degree 39. Min 37.5

W Long Degree 117. Min 30.0

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

Use decimals

Northing 57.50 Easting 20.055830 Elev 5830

Write M if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
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
12.0	24.0		

Best cond. (-K)
Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
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
		24.0	84.0
			-5.0
			-1.5

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

Segment 9

Segment 10

After final segment

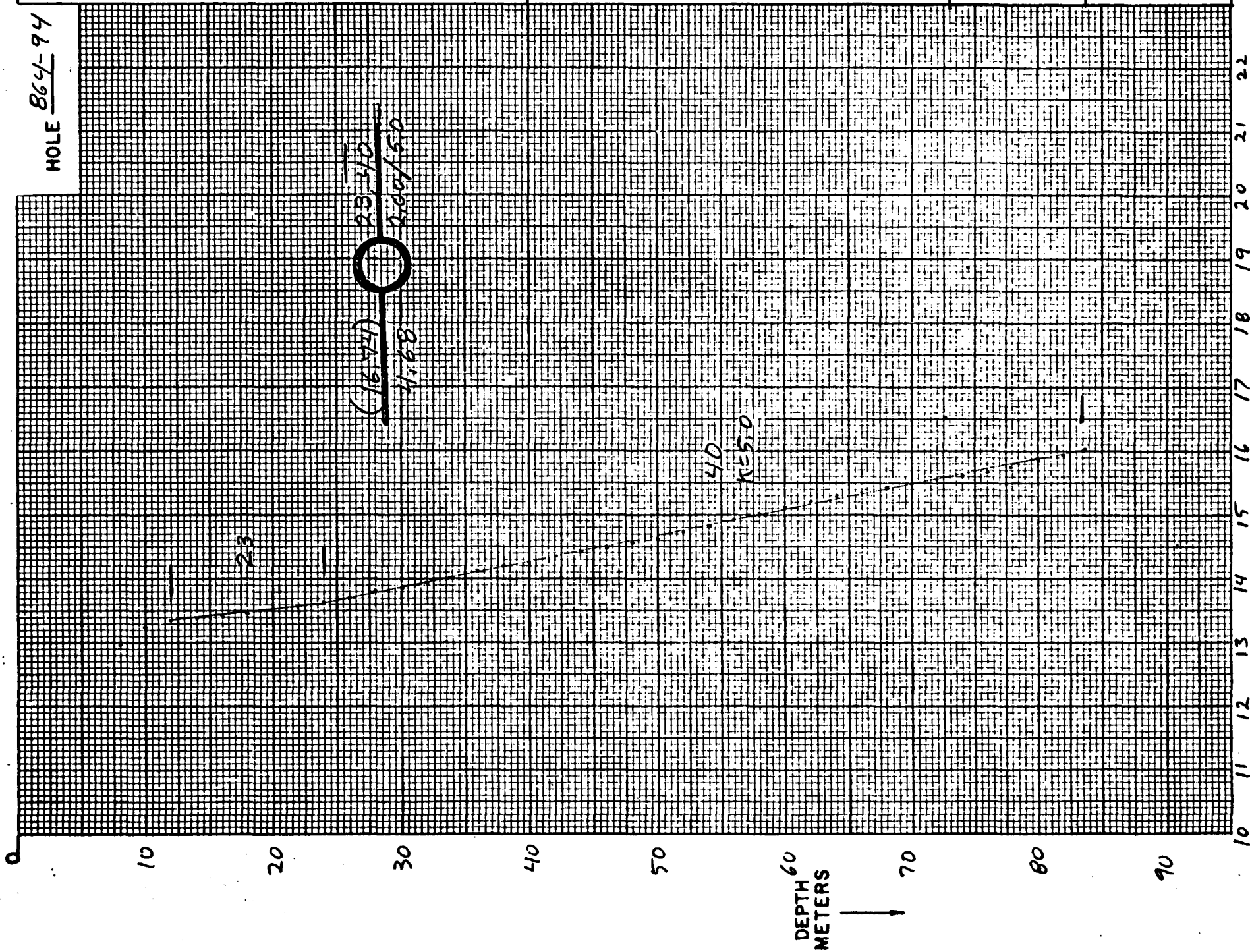
Start = 999

HOLE 864-94

Seds

Welded Tuff

Tuff



TEMPERATURE °C

Date Logged: 05/28/81AT Well No. 864-94

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	135.33	12.95	.31	155			
10	133.95	13.26	.10	50			
12	133.51	13.36	.02	10			
14	133.40	13.38	.04	20			
16	133.23	13.42	.04	20			
18	133.05	13.46	.06	30			
20	132.80	13.52	.05	25			
22	132.56	13.57	.06	30			
24	132.29	13.63	.07	35			
26	131.98	13.70	.10	50			
28	131.57	13.80	.06	30			
30	131.28	13.86	.07	35			
32	130.97	13.93	.09	45			
34	130.60	14.02	.09	45			
36	130.22	14.11	.08	40			
38	129.87	14.19	.07	35			
40	129.54	14.26	.08	40			
42	129.18	14.34	.08	40			
44	128.87	14.42	.07	35			
46	128.57	14.49	.07	35			
48	128.24	14.56	.06	30			
50	127.93	14.63	.10	50			
52	127.52	14.73					

K=conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-94

Elevation: 5830

Date Drilled: 4-7-81

Location: NWNE 26 T22N R40E

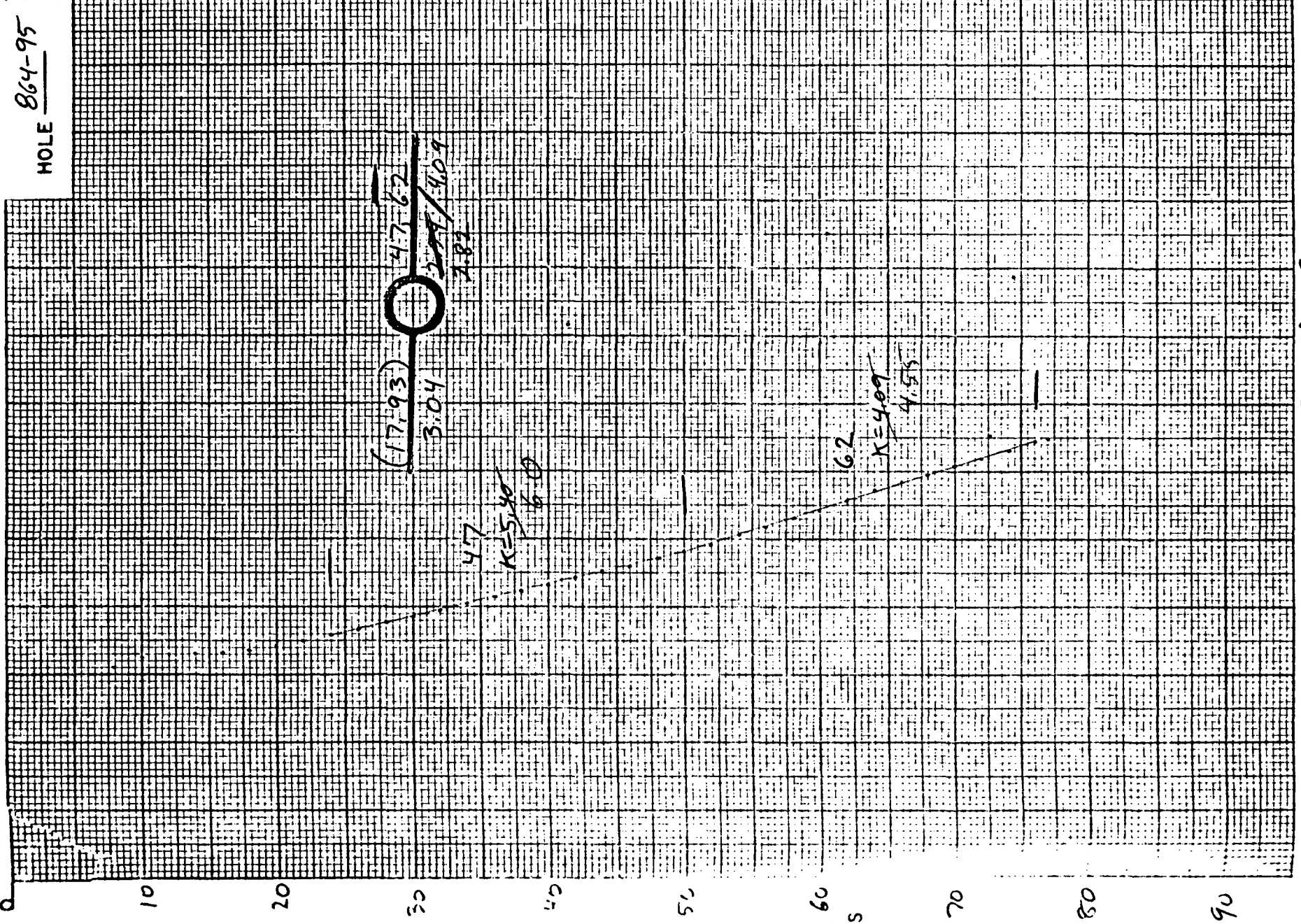
Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-40	Alluvium - tan, sandy silt with angular gravels of chert with lessor amounts of limestones, quartzites, volcanics and fine argillaceous sandstones.
40-73	Qtz Latite Welded Tuff - hard, lt. gray to lt. pink, aphanitic tuffaceous matrix with 15-25% phenocrysts of altered feldspars, quartz, minor magnetite and rare biotite. Common manganese staining along small tight fractures. Color becoming more pink with depth.
73-82	Tuff - firm, pink similar to above except 5-10% phenocrysts.

MOLE 864-95 Gal Welded XI-Tuff XI Tuff



4.7
K=5.40
6.0

6.2
K=4.09
4.55

10 11 12 13 14 15 16 17 18 19 20 21 22

TEMPERATURE °C

DEPTH METERS
0 10 20 30 40 50 60 70 80 90

Date Logged: 05/28/81

ΔT Well No. 864-95

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	(H ₂ O) Air	Lithology, etc.
0							
2							
4							
6							
8	134.66 ↑	13.10					
10	133.99	13.25	.15	75			
12	133.81	13.29	.04	20			
14	133.77	13.30	.01	5			
16	133.70	13.32	.02	10			
18	133.48	13.37	.05	25			
20	133.19	13.43	.06	30			
22	132.87	13.50	.07	35			
24	132.47	13.59	.09	45			
26	132.07	13.68	.09	45			
28	131.67	13.78	.10	50			
30	131.28	13.86	.08	40			
32	130.87	13.96	.10	50			
34	130.45	14.05	.09	45			
36	130.08	14.14	.09	45.			
38	129.66	14.23	.09	45			
40	129.28	14.32	.09	45			
42	128.85	14.42	.10	50			
44	128.42	14.52	.10	50			
46	128.08	14.60	.08	40			
48	127.57	14.72	.12	60			
50	127.13	14.82	.10	50			
52	126.65	14.93	.11	55			

K=conductivity

LITHOLOGIC LOG

Project: McCoyHole: 864-95Elevation: 5500Date Drilled: 4-7-81Location: NENE 14 T22N R40EMethod: rotary airGeologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-2.5	Alluvium - tan, sandy silt with angular gravels (3mm-5cm) of intermediate volcanics, black limestones and minor cherts.
2.5-61	Welded Crystal Tuff - quartz latite, hard, lt. pink aphanitic matrix with phenocrysts (1-4mm) of quartz, k-spar, and altered plagioclase comprising 15-30% of rock. Rare biotite, magnetite and hornblende. Common manganese deposition along small tight fractures. Rare, small lithic fragments.
61-79	Crystal Tuff - lt. gray to pink, firm-hard, groundmass of tuffaceous material, and small lithic fragments and quartz grains (<0.5mm). 15% large biotite phenocrysts (2-5mm) and smaller, altered feldspars, often apple green and translucent. Trace of magnetite.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 864-96

Property-Project MCCOY - 864 Depth Logged 96 meters
 Map GILBERT CREEK SW Scale 7.5' Date: Drilled 4-5-81 Logged 05/27/81
 State NEV. County LANDER of NE of NW of Sec 11 T 22N R 40E
 Instrument SPATOPD # 46 Operator MARK AVERY Elevation 5350 (m)
 Comments SECOND AND FINAL ΔT LOG

JUSTIFY

Card A

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	8 6 4	9 6	2 7	0 5	8 1 C M

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description

Operator	Editor	DA	MO	YR
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	0 5	0 4	8 1
3.5 KM E-NE OF HOLE 25-9	MAA / JED			

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

Card B

Map Location **

Scale Unit CM Map Size 7.5 (7.5, 15., 60.) N Lat 39.45.0 W Long 117.30.0

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

Use decimals

Northring 20.11 Easting 18.19 Elev 5350

Write M if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
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	22.0	38.0	

Best cond. (-K)
Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
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	38.0	96.0	-6.5

Segment 3

999

Segment 4

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Segment 5

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Segment 6

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Segment 7

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Segment 8

--

Segment 9

--

Segment 10

--

After final segment

Date Logged: 05/27/81

ΔT Well No. 864-96

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	^{H₂O} Air	Lithology, etc.
0							
2							
4							
6	142.70	11.34					
8	140.24	11.87	.53	240			
10	139.29	12.08	.21	240 105			
12	139.08	12.12	.04	20			
14	138.99	12.14	.02	10			
16	138.83	12.18	.04	20			
18	138.55	12.24	.06	30			
20	138.28	12.30	.06	30			
22	138.00	12.36	.06	30			
24	137.56	12.46	.10	50			
26	137.23	12.53	.07	35			
28	136.87	12.61	.08	40			
30	136.44	12.70	.09	45			
32	136.06	12.79	.09	45			
34	135.56	12.90	.11	55			
36	135.07	13.01	.11	55			
38	134.51	13.13	.12	60			
40	134.10	13.23	.10	50			
42	133.72	13.31	.08	40			
44	133.31	13.40	.09	45			
46	132.94	13.49	.09	45			
48	132.55	13.58	.09	45			
50	132.22	13.63	.05	25			
52	131.87	13.73	.10	50			

K-Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-96

Elevation: 5350

Date Drilled: 4-5-81

Location: NENW 11 T22N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-1.5	Alluvium - tan, sandy-silt with minor angular gravels of chert, limestone and volcanics.
1.5-4	Gravels - angular to subangular gravels of cherts, volcanics and limestone. Dry poorly consolidated.
4-29	Alluvium - as in 0-1.5m (hole very dry to 29m).
29-53	Chert or Fanglomerate - lt. greenish-gray, gray and red cherts pervasively fractured and iron-stained, considerable variation within each sample, very similar to fanglomerate material in 864-92.
53-95	Chert or Fanglomerate - as above, except predominately lt. gray and reddish.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-97

Property-Project MC COY - 864 Depth Logged 96 meters

Map GILBERT CREEK Scale 7.5" Date: Drilled 4-6-81 Logged 05/27/81

State NV. County LANDER, of of NW of SW of Sec 35 T 23 N R 40 E

Instrument SPAFFORD # 46 Operator MARK AVERY Elevation 5260 (m)

Comments Second (and final) log

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
864	9727	05	81	C M

*19-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 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	71 72 73 74 75	76 77 78 79 80	81 82 83	84 85 86	87 88 89	90 91 92	93 94 95	96 97 98	99 100																																										
6.3 KM NE OF HOLE 25-9																																								MAA					JED			06			04			81		

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

Card B

Scale Unit IN CM

Map Size (7.5, 15, 60) 7.5

Map Location **

N Lat Degree 39 Min 45 Degree 11 Min 30

W Long Degree 117 Min 30

Use decimals

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	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 100																																				
20.51															26.85															5260									

Use decimals

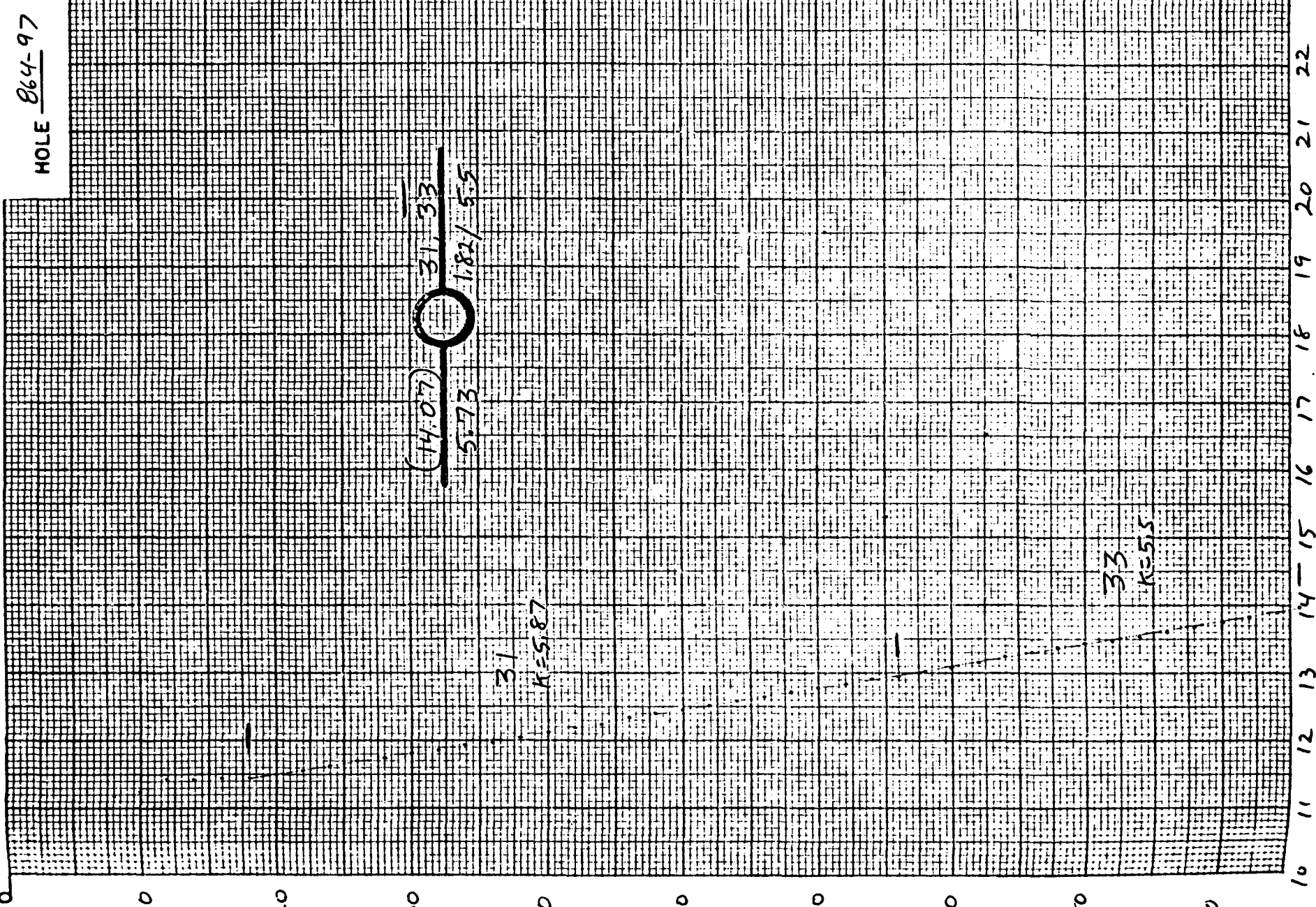
Write M if meters

Segment	Start	End	Conductivity K	ΔK	Best cond. (-K)	Downward extrapolations (-ΔK)
Segment 1	18.0	66.0				
Segment 2	66.0	96.0			-5.5	-1.5
Segment 3	99.9					
Segment 4						
Segment 5						
Segment 6						
Segment 7						
Segment 8						
Segment 9						
Segment 10						

After final segment

Scale = 000

Unconsolidated Sediments Welded Tuff Tec



HOLE 864-97

DEPTH METERS

TEMPERATURE °C

(14.07)
5.73
31.33
1.82 / 5.5

31
K=5.87

33
K=5.15

Date Logged: 05/27/81

ΔT Well No. 864-97

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.	(cuttings in Eiko)
0	143.3							
2								
4								
6								
8	143.39	11.19						
10	142.69	11.34	.15	75				
12	142.96	11.41	.07	35				
14	142.30	11.42	.01	5				
16	142.23	11.44	-.02	10				
18	142.12	11.46	-.02	10				
20	141.93	11.50	.04	20				
22	141.63	11.57	.07	35				
24	141.38	11.62	.05	25				
26	141.02	11.70	.08	40				
28	140.72	11.76	.06	30				
30	140.47	11.82	.06	30				
32	140.22	11.87	.05	25				
34	139.97	11.93	.06	30				
36	139.72	11.98	.05	25				
38	139.38	12.06	.08	40				
40	139.11	12.12	.06	30				
42	138.75	12.19	.07	35				
44	138.43	12.26	.07	35				
46	138.08	12.34	.08	40				
48	137.80	12.40	.06	30				
50	137.50	12.47	.07	35				
52	137.25	12.52	.05	25				

K-Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-97

Elevation: 5265

Date Drilled: 4-6-81

Location: NWSW 35 T23N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m) Description

0-55

Alluvium - tan, sandy silt with angular to subrounded gravels of chert and welded tuffs with lesser amounts of limestone and quartzite.

55-95

Tuff - latitic, hard, lt. gray to red, aphanitic groundmass with 15% phenocrysts of feldspars, minor quartz, trace of magnetite and biotite. Common manganese deposition along small tight fractures. Note - considerable uphole sluffing throughout hole, tuff comprises about 50% of cuttings in this interval but are broken and angular while gravels from alluvium are slightly rounded. May represent tuff unit or larger tuff boulders.

AMAX EXPLORATION, INC.
TEMPERATURE/DEPTH LOG

AT Well No 864-99

Property-Project MCCOY - 864 Depth Logged 25 m
 Map Gilbert Ck SW Scale 7 1/2 Date: Drilled ? Logged 5-7-81
 State NV County Elko of of of of Sec T23N R40E
 Instrument SPAFFORD #46 Operator J.E.D. / M.A. Elevation 5040 (ft)
 Comments MINERAL HOLE IN DIGGINS ON ALTERATION TREND S OF MCCOY MINE.

JUSTIFY

Card A

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	8 6 4	9 9	0 7	0 5	8 1 C M

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description	Operator	Editor	DA	MO	YR
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	K M N. OF WILD HORSE MINE	MAA / JED			

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

Card B

Scale Unit IN Map Size (75, 15, 60) N Lat 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	C M	7.5	39.45	117.30	0
---	-----	-----	-------	--------	---

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

Use decimals

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	52.03	2.38	5040 F

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	K	ΔK
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	16.0	24.0	-4.5

Best cond. (-K)
Downward extrapolations (-ΔK)

Segment 2

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	999		
---	-----	--	--

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

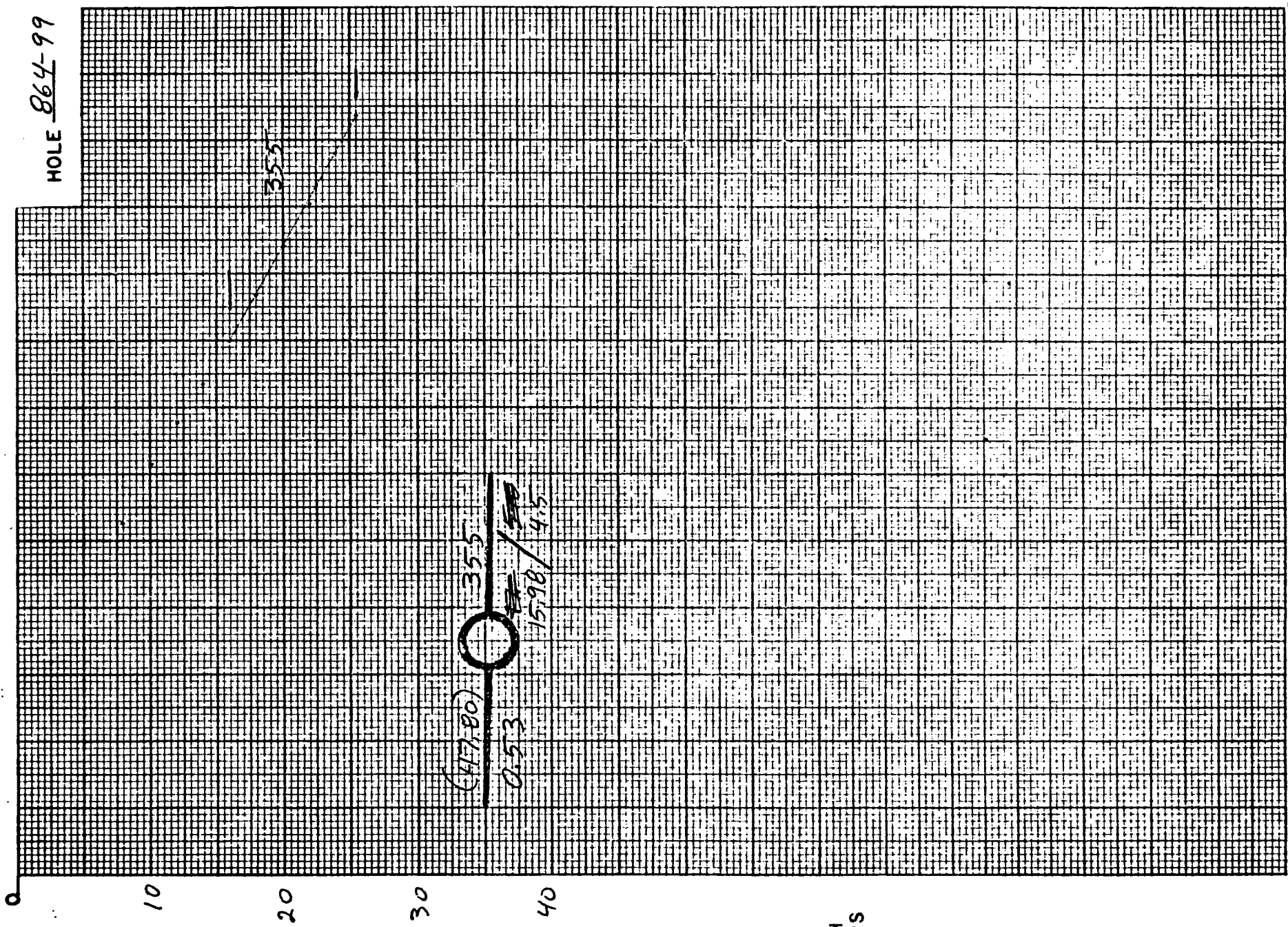
Segment 9

Segment 10

After final segment

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 71 72 73 74 75 76 77 78 79 80			

HOLE 864-99



DEPTH
METERS

TEMPERATURE °C

Fred -

There will be an open file data release the end of this month. This package of data (3 copies) should be included in that release.

12 shallow thermal gradient holes from the McCoy prospect, Nevada. Data includes hole locations, depths, temperature measurements, and lithologic descriptions of drill cuttings.

INDUSTRY COUPLED
PROGRAM

Dennis

12 shallow thermal gradient holes, McCoy prospect, Nevada: locations, depths, temperature measurements and lithologic descriptions of drill cuttings.

1.14

2.85

4.99

5.00

Date Logged: 05/27/81

AT Well No. 864-81

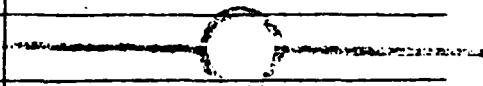
Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	(H ₂ O) Air	Lithology, etc (cuttings in ELKO, NV)
0							
2							volcanic tuffs and
4							weathered flow rocks.
6	138.28	12.30					
8	136.90	12.60	.30	150			
10	135.60	12.89	.29	145			
12	134.65	13.10	.21	105			
14	133.46	13.37	.27	135			
16	131.86	13.73	.36	180			
18	130.08	14.14	.41	205			
20	128.40	14.52	.38	190			
22	126.71	14.92	.40	200			
24	125.37	15.23	.31	155			
26	124.21	15.51	.28	140			
28	123.09	15.77	.26	130			
30	122.19	15.99	.22	110			
32	121.40	16.18	.19	95			
34	120.55	16.38	.20	100			
36	119.65	16.60	.22	110			
38	118.58	16.86	.26	130			
40	117.43	17.15	.29	145			
42	116.31	17.42	.27	135			
44	115.14	17.72	.30	150			
46	114.12	17.97	.25	125			
48	113.28	18.19	.22	110			
50	112.16	18.47	.28	140			
52	110.85	18.81	.34	170			

K=conductivity

Logged: 05/27/81

AT Well No. 864-81

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	^{H₂O} Atr	Lithology, etc.
54	109.21	18.81 19.24	.43 .03	215 15			
56	109.07	19.27	.35	165			
58	107.76	19.62	.26	130			
60	106.76	19.88	.26	130			
62	105.80	20.14	.11	55			
64	105.38	20.25	.21	105			
66	104.62	20.46	.21	105			
68	103.82	20.67	.22	110			
70	103.04	20.89	.22	110			
72	102.24	21.11	.22	110			
74	101.45	21.33	.24	120			
76	100.57	21.57	.23	115			
78	99.74	21.80	.24	120			
80	98.90	22.04	.26	130			
82	98.00	22.30	.27	135			
84	97.07	22.57	.24	120			
86	96.24	22.81	.19	95			
88	95.56	23.00	.26	130			
90	94.70	23.26	.23	115			
92	93.91	23.49					
92.7	93.77						
96							
98							
100							
102							
104							
106							



Activity

LITHOLOGIC LOG

Project: 864 (McCoy)

Hole: 81

Elevation: 5480' MSL

Date Drilled: 3/25/81

Location: SW 1/4 SW 1/4 Sec 29 T22N R39E

Method: air/foam injection

Geologist: Mark Avery

Gamma: N/A

(TD = 91.46 meters)

Depth (m)	Description
0- 3	Overburden
3-13	Altered gray-grayish white very fine-grained to fc ash-fall and x-tal ashflow tuffs. Most chips crumble easily with alteration of feldspars to white montmorillic clay. Iron staining present. Relic phenocrysts in x-tal ashflow tuffs often replaced with iron oxides. Mafic minerals (biotite) and hornblende (present as elongated phenocrysts) in altered ashflow tuffs.
13-16	Highly altered and iron-stained tuffs and tuffaceous sediments. Latter contains rounded gravels of ashflow tuffs as in 3-13m.
16-30	White beige tuffaceous sediments. Very fine-grained, banded with alternating white/beige laminae. High content of clay.
30-36	(As in 13-16m).
36-60	White-gray thinly bedded to laminated tuffaceous sediments.
60-70	More gray tuffaceous sediments as before with 40% hornblende (phenocrysts 0 → □ in shape) rich altered tuffs (also gray in color).
70-91.46	White to gray banded and laminated tuffaceous sediments (rarely as thin beds) with 10-20% altered x-tal tuffs (gray). Very soft and light, crumbles easily. High clay content.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 864-82

Property-Project MCCOY - 864 Depth Logged 45.6 meters
 Map EDWARDS CREEK VALLEY Scale 15' Date: Drilled 03/26/81 Logged 05/27/81
 State NEV County HURLELL, of SW of NW of NW of Sec 3 T 21 N R 39 E
 Instrument SPARFED # 46 Operator MARK ANERY Elevation 5185 (m)
 Comments EDWARDS CREEK WINDMILL (SECOND LOG, 2 months from date of drilling)

JUSTIFY

Card A

Date Logged																			
Proj No					Well No					DA		MO		YR			*		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
8	6	4			8	2	2	7		0	5	8							

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description																														Operator					Editor		DA		MO		YR																														
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																								
1	.	2	K	M	W.					O	F	E	D	A	R	D	S			C	R									M	A	R	K							I	E	D						2	6							0	3							8	1						

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

Card B

Scale Unit		Map Size		N Lat		W Long																											
IN	CM	(7.5, 15, 60)	Degree	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				
	C	M			1	5	.	0	3	9	.	3	0	.	0	1	1	7	.	4	5	.	0										

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

Use decimals

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																	
										4	0	.	9	2						2	2	.	0	5	5	1	8	5																		F

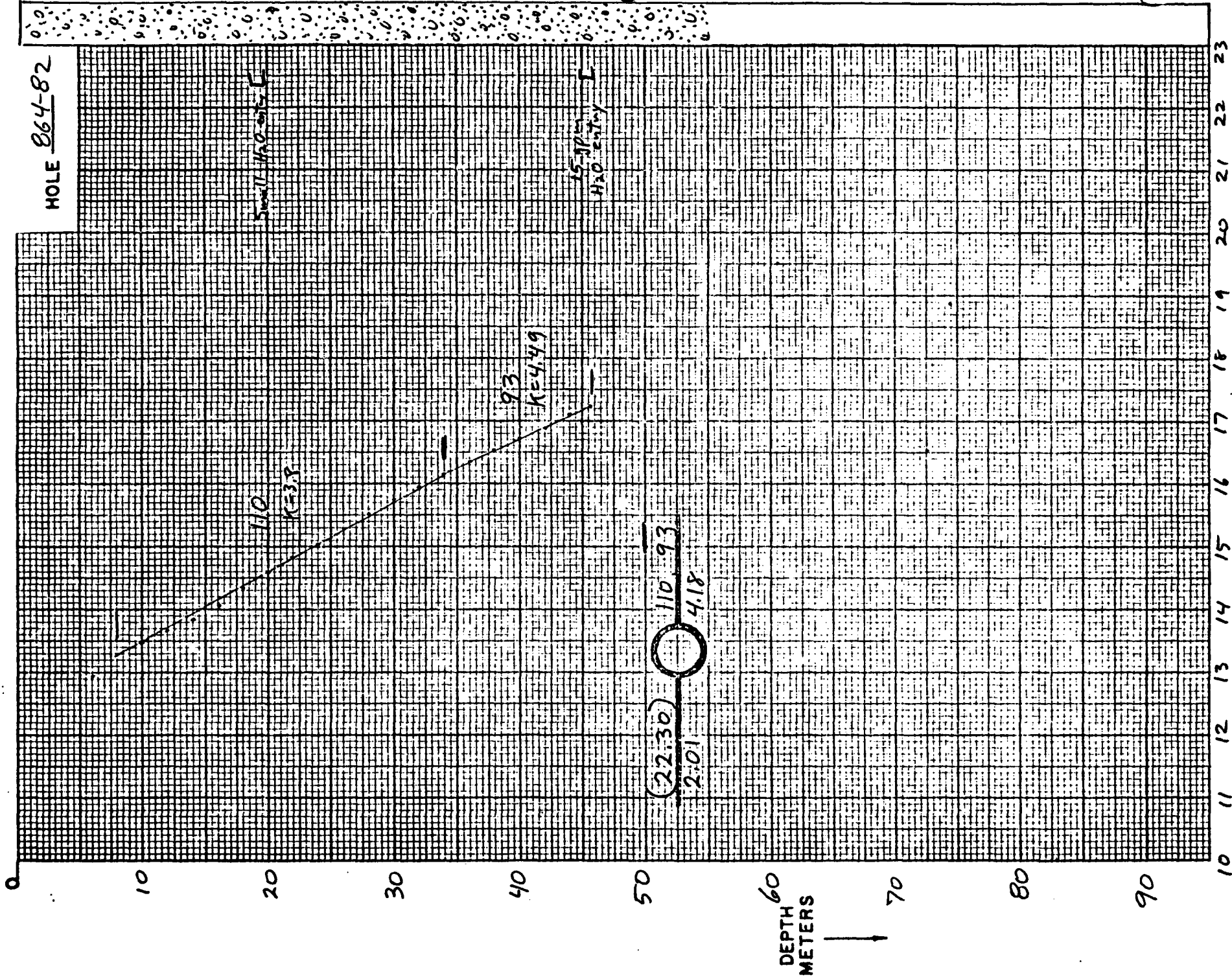
Use decimals

Write M if meters

Segment	Start	End	Conductivity K	ΔK	Best cond. (-K)	Downward extrapolations (-ΔK)
Segment 1	21	30	8.0	34.0		
Segment 2	31	60	34.0	44.0	4.49	-1.5
Segment 3	61	90				
Segment 4	91	120				
Segment 5	121	150				
Segment 6	151	180				
Segment 7	181	210				
Segment 8	211	240				
Segment 9	241	270				
Segment 10	271	300				

After final segment Start = 000

HOLE 064-82



Date Logged: 05/27/81

ΔT Well No. 864-82

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							Sand & gravel
2							
4							
6	135.25	12.97					
8	133.76	13.30	.33	165			
10	132.98	13.48	.18	90			
12	132.15	13.67	.19	95			
14	131.33	13.85	.18	90			
16	130.35	14.08	.23	115			
18	129.20	14.34	.26	130			
20	128.10	14.59	.25	125			Small H ₂ O entry
22	127.13	14.82	.23	115			
24	126.17	15.04	.22	110			
26	125.10	15.30	.26	130			
28	124.14	15.52	.22	110			
30	123.16	15.76	.24	120			
32	122.29	15.96	.20	100			
34	121.49	16.16	.20	100			
36	120.73	16.34	.18	90			
38	119.99	16.52	.18	90			
40	119.18	16.72	.20	100			
42	118.47	16.89	.17	85			
44	117.63	17.10	.21	105			
45.6	117.07	17.24					
46							15 gpm H ₂ O entry
48							
50							
52							

LITHOLOGIC LOG

Project: 864 (McCoy)

Hole: 864-82

Elevation: 5,220'

Date Drilled: March 26, 1981

Location: SW₁ NW₄, Sec 34, T22N, R39E

Method: air/foam injection

Geologist: Mark Avery

Gamma: N/A

Depth (m) Description

0-52m

Lacustrine sands and alluvial gravels. Composition is 50% sands and 50% gravels and pebble-sized clasts of volcanic (tuffs and flow-rocks); triassic conglomerate; cherts and siltstones of Havallah formation (unconsolidated alluvial sediments). Water entries were encountered at 18m and 46m (15 gpm).

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-88

Property-Project MCCOY - 864 Depth Logged _____

Map EDWARDS CREEK VALLEY Scale 15' Date: Drilled 04/04/81 Logged 05/23/81

State NEVADA County CHARMILL, _____ of NE of SW of SE of Sec 25 T22N R 39E

Instrument SPAFFORD # 46 Operator MARY AVERY Elevation 5430 (ft/m)

Comments 2nd & final OT log

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20				
864		08	23	05

*19-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 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			
1.8 KM N OF HORSESHOE WEL	MAR	JED	04	04	81

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

Map Location **

Scale Unit IN CM

Map Size (7.5, 15, 60) 15.0

N Lat Degree 39.0 Min 30.0

W Long Degree 117.0 Min 45.0

Use decimals

Card B

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		
	42.53	29.155430

Use decimals

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

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40			
	18.0	38.0	

Best cond. (-K)
Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
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			
		38.0	78.0
			-460
			-1.5

Segment 3

21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40			
	78.0	83.0	

Segment 4

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			
		999	

Segment 5

Segment 6

Segment 7

Segment 8

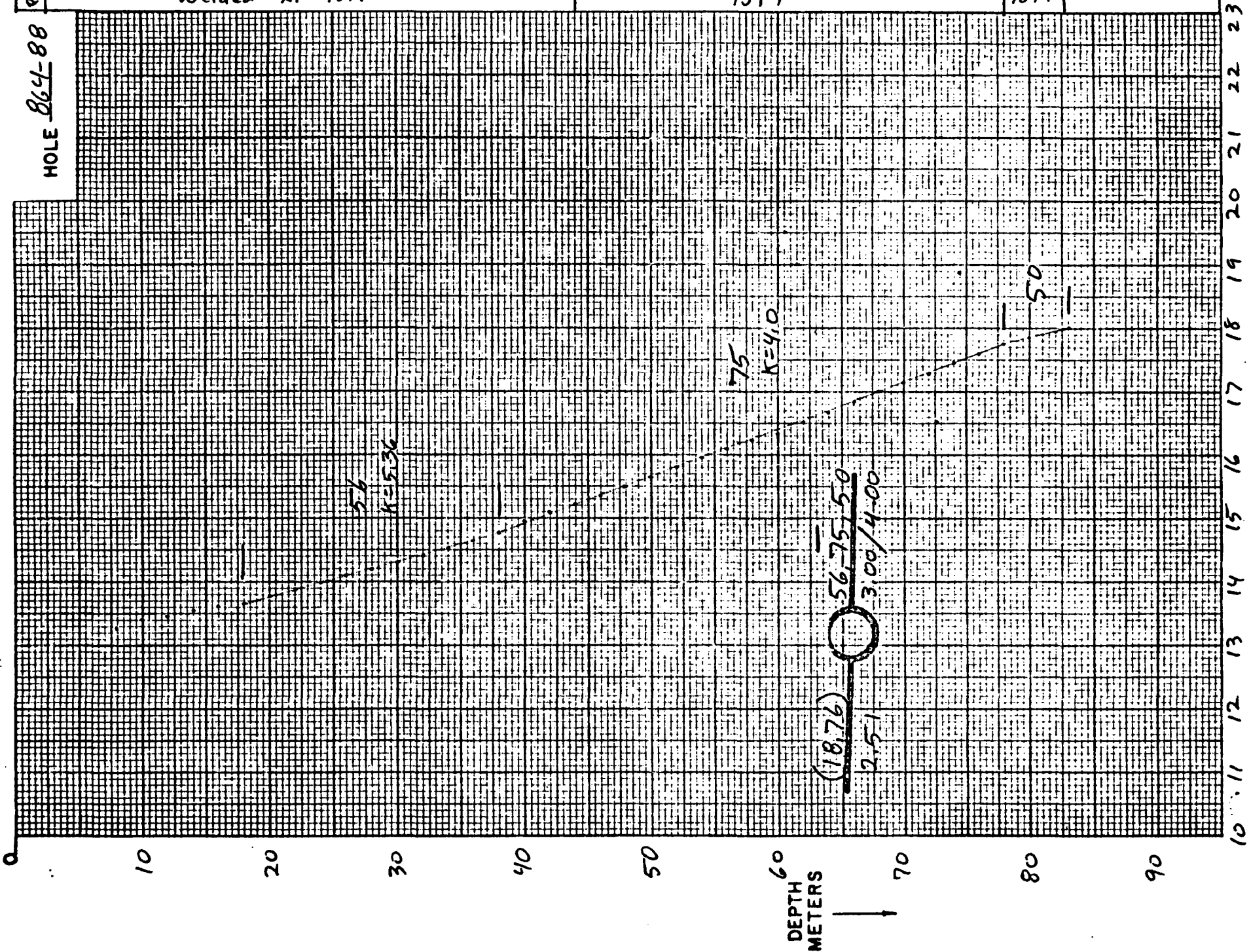
Segment 9

Segment 10

After final segment

HOLE 864-88 0.1

Welded XI-Tuff Tuff Tuff



TEMPERATURE °C →

Date Logged: 05/23/81

AT Well No. 864-88

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	133.90	13.27					
10	133.27	13.41	.14	70			
12	132.97	13.48	.07	35			
14	132.74	13.53	.05	25			
16	132.40	13.61	.08	40			
18	132.02	13.66	.07	35			
20	131.57	13.78	.12	60			
22	131.08	13.91	.13	65			
24	130.65	14.01	.10	50			
26	130.21	14.11	.10	50			
28	129.80	14.20	.09	45			
30	129.33	14.31	.11	55			
32	128.88	14.41	.10	50			
34	128.38	14.53	.12	60			
36	127.86	14.65	.12	60			
38	127.32	14.78	.13	65			
40	126.56	14.95	.17	85			
42	125.98	15.09	.14	70			
44	125.40	15.22	.13	65			
46	124.82	15.36	.14	70			
48	124.22	15.50	.14	70			
50	123.63	15.64	.14	70			
52	122.92	15.81	.17	85			

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 864-89

Property-Project MCLOY - 864 Depth Logged 96 meters

Map EDWARDS CREEK Scale 15' Date: Drilled 04/04/81 Logged 05/23/81

State NEV. County WELLS of NW of SW of SW of Sec 31 T 22N R 40E

Instrument SPAFFORD # 46 Operator MARY AERY Elevation 5400 (m)

Comments 2nd & final log.

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
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 71 72 73 74 75 76 77 78 79 80			
864	8923	05	05	81	C

*19-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 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 71 72 73 74 75 76 77 78 79 80	81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10			
1.2 KM E. OF HORSESHOE WL	MAA	JED	04	05	81

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

Card B

Map Location * *

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	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	81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10	
CM	15.0	39.30.0	117.45.0

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

Use decimals

Northing	Easting	Elev
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 71 72 73 74 75 76 77 78 79 80	81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10
40.20	30.25	5400. F

Use decimals

Write M if meters

Segment	Start	End	Conductivity K	ΔK	Best cond. (-K)	Downward extrapolations (-ΔK)
Segment 1	21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	16.0	42.0		
Segment 2	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60	42.0	62.0		
Segment 3	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80	62.0	96.0	-4.45	-2.5
Segment 4	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 00	99.9			
Segment 5	01 02 03 04 05 06 07 08 09 10	11 12 13 14 15 16 17 18 19 20				
Segment 6	21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40				
Segment 7	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60				
Segment 8	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80				
Segment 9	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 00				
Segment 10	01 02 03 04 05 06 07 08 09 10	11 12 13 14 15 16 17 18 19 20				

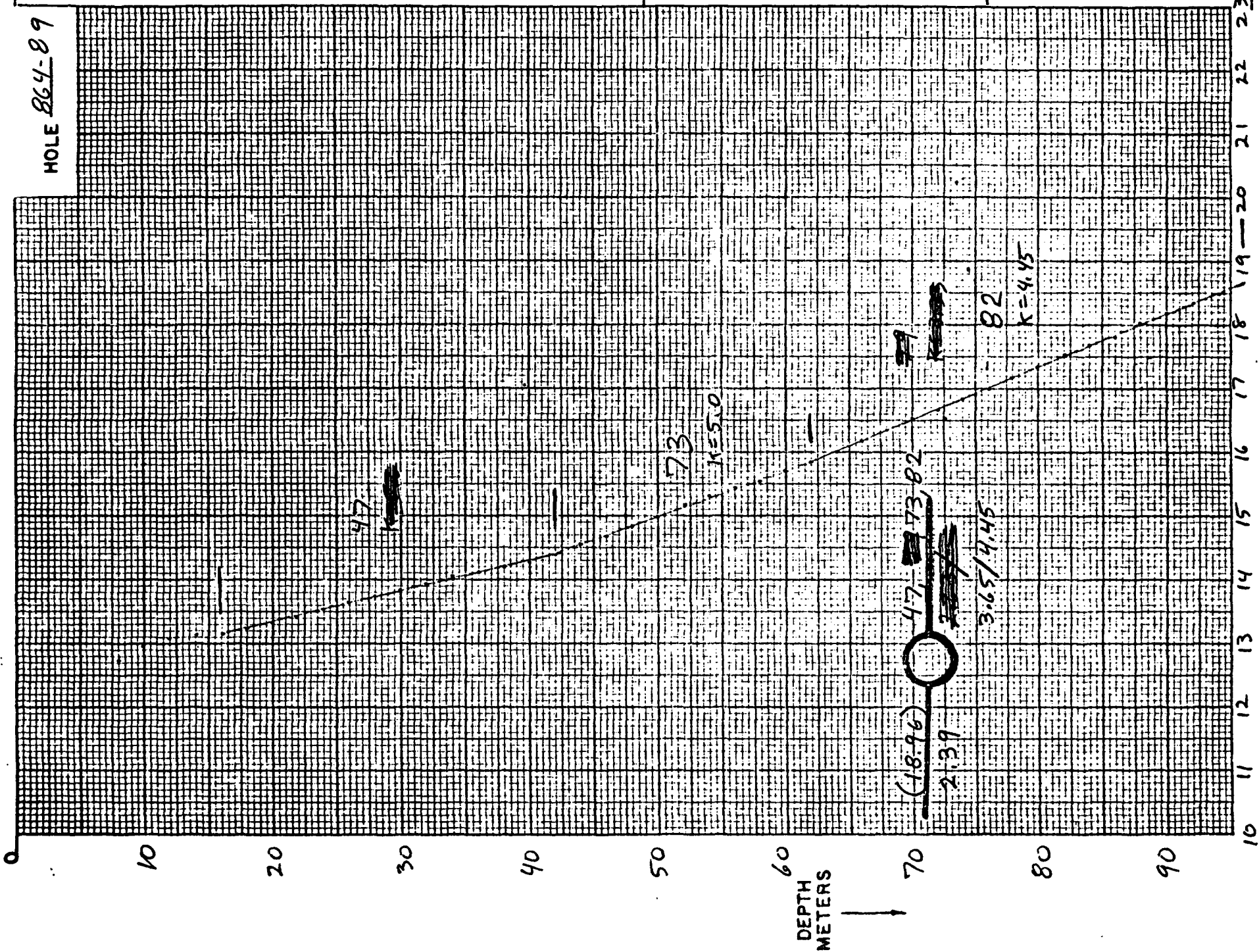
After final segment Start = 000

HOLE 864-89

Seds

Welded XI-Tuff

XI-Tuffs



Date Logged: 05/23/81

ΔT Well No. 864-89

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	136.18↑ _f	12.76↓					
10	135.16↑ _s	12.99	.23	115			
12	134.74	13.08	.09	45			
14	134.58	13.12	.04	20			
16	134.35	13.17	.05	25			
18	134.04	13.24	.07	35			
20	133.68	13.32	.08	40			
22	133.29	13.41	.09	45			
24	132.72	13.54	.13	65			
26	132.19	13.66	.12	60			
28	131.76	13.75	.09	45			
30	131.37	13.84	.09	45			
32	130.97	13.93	.11	55			
34	130.52	14.04	.08	40			
36	130.16	14.12	.08	40			
38	129.83	14.20	.08	40			
40	129.47	14.28	.12	60			
42	128.95	14.40	.14	70			
44	128.32	14.54	.15	75			
46	127.69	14.69	.16	80			
48	127.00	14.85	.16	80			
50	126.30	15.01	.17	85			
52	125.60	15.18					

K-Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-89

Elevation: 5400

Date Drilled: 4-4-81

Location: SWSW 31 T22N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

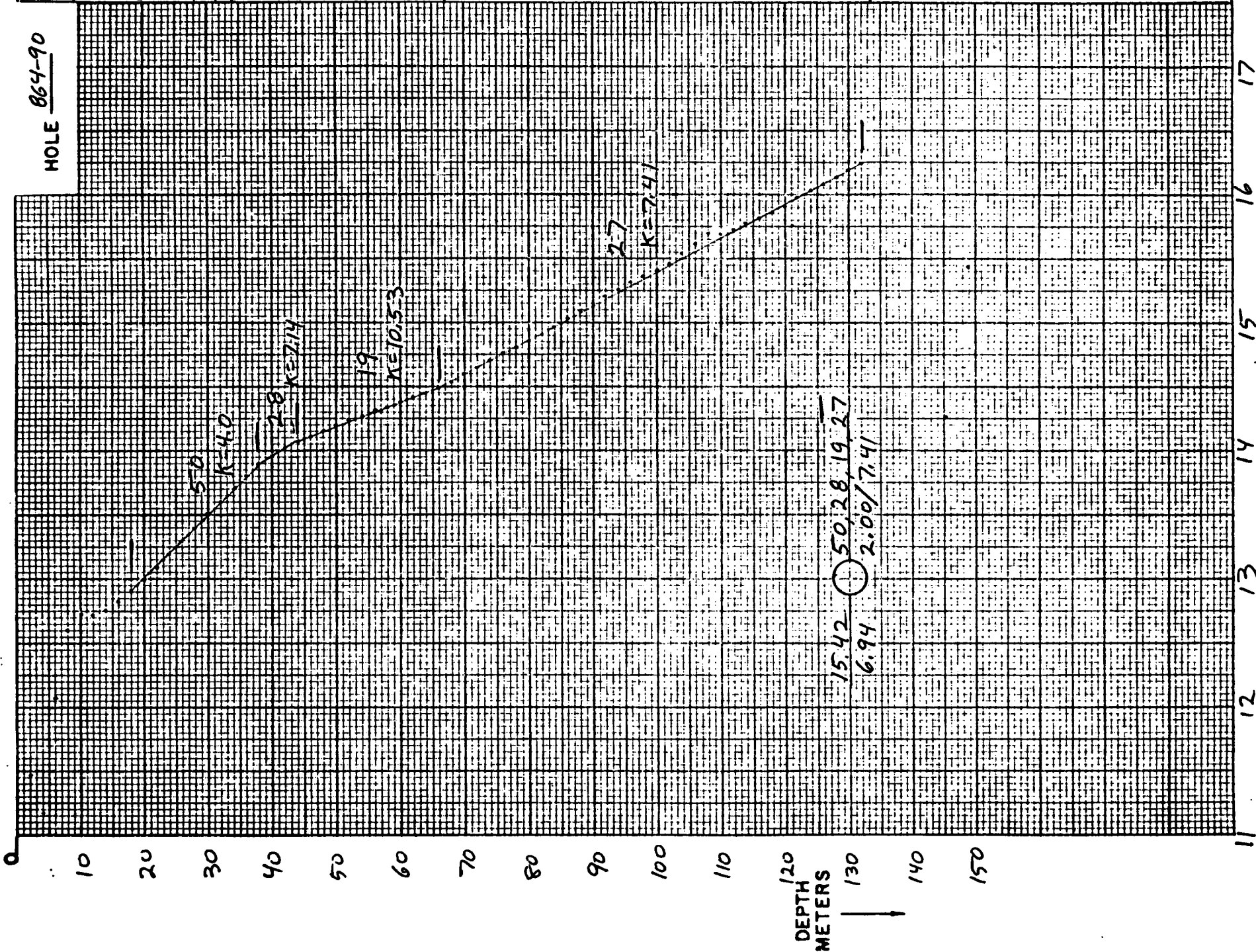
Depth (m)	Description
0-49	Alluvium - tan, sandy silt with small angular to subangular gravels of volcanics and minor cherts and limestones. Too damp to drill dry at 9m. Predominantly gravels up to 10cm in upper 8m.
49-76	Welded Crystal Tuff - pink, hard, brittle, fine tuffaceous to aphanitic groundmass with 10-20% phenocrysts of biotite (1-3mm), clear anhedral quartz (1-3mm), feldspars (mostly altered) and trace of magnetite and hornblende. Considerable oxidation of magnetite and some biotite, and red iron staining along small fractures. Appears to be pervasively fractured. 20-30% of sample consists of uphole sluff.
76-84	Crystal Tuff - as above, except poorly, or non-welded, predominantly lt. gray to lt. pink.
84-95	Crystal Tuff - non-welded, soft tuffaceous matrix washes out of cuttings leaving anhedral clear quartz, biotite, feldspars and lithic fragments.

HOLE 864-90

Chert
Fanglomerate
Calcareous siltstone

Chert
Fanglomerate

Calcareous siltstone



Date Logged: 05-23-81

ΔT Well No. 864-90

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0	153.457 _f	13.37					Qa1
2	142.061 _s	11.47					↓
4	143.45	11.17					
6	139.271 _s	12.08	0.91	455			↓
8	136.93	12.60	0.52	260			Latite TUFF
10	136.43	12.71	0.11	55			↓
12	136.37	12.72	0.08	5			
14	136.20	12.76	0.04	20			↓
16	135.89	12.83	0.07	35			XI-Lithic TUFF
18	135.53	12.91	0.09	45			↓
20	135.12	13.00	0.09	45			
22	134.71	13.09	0.09	45			↓
24	134.28	13.19	0.10	50			ViTrophyre
26	133.81	13.29	0.10	50			↓
28	133.33	13.40	0.11	55			XI-TUFF
30	132.85	13.51	0.11	55			↓
32	132.40	13.61	0.10	50			
34	131.96	13.71	0.10	50			↓
36	131.53	13.81	0.10	50			Chert (Fanglemerate)
38	131.12	13.90	0.09	45			↓
40	130.80	13.97	0.07	35			
42	130.59	14.02	0.05	25			
44	130.38	14.07	0.05	25			
46	130.19	14.11	0.04	20			
48	130.01	14.15	0.04	20			
50	129.83	14.20	0.05	25			↓
52	129.66	14.24	0.04				

K=conductivity

Date Logged: 05/23/81

AT Well No. 864-90

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
54	129.50	14.27	0.03	15			↓ Calcareous Siltstone
			0.04	20			
56	129.33	14.31	0.03	15			
58	129.18	14.34	0.04	20			
60	129.03	14.38	0.04	20			
62	128.86	14.42	0.03	15			
64	128.72	14.45	0.04	20			
66	128.56	14.49	0.05	25			
68	128.35	14.54	0.06	30			
70	128.06	14.60	0.05	25			
72	127.86	14.65	0.05	25			
74	127.63	14.70	0.06	30			
76	127.40	14.76	0.05	25			
78	127.17	14.81	0.05	25			
80	126.94	14.86	0.05	25			
82	126.72	14.91	0.06	30			
84	126.46	14.97	0.06	30			
86	126.23	15.03	0.06	30			
88	125.98	15.09	0.06	30			
90	125.72	15.15	0.06	30			
92	125.48	15.21	0.05	25			
94	125.24	15.26	0.06	30			
96	125.00	15.32	0.05	25			
98	124.80	15.37	0.05	25			
100	124.58	15.42	0.05	25			
102	124.35	15.47	0.07	35			
104	124.05	15.54	0.08	40			
106	123.71	15.62					

K=Conductivity

Date Logged: 05/23/81

AT Well No. 864-90

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
108	123.70 123.44	15.69	0.07	35			Calcareous siltstone
110	123.42	15.69	0.00	0			
112	123.28	15.73	0.04	20			
114	123.09	15.77	0.04	20			
116	122.87	15.82	0.05	25			
118	122.70	15.86	0.04	20			
120	122.45	15.92	0.06	30			
122	122.22	15.98	0.06	30			
124	122.00	16.03	0.05	25			
126	121.81	16.08	0.05	25			
128	121.58	16.13	0.05	25			
130	121.36	16.19	0.06	30			
132	121.15	16.24	0.05	25			
133 ~ 134	121.10	16.25	?				
136							
138							
140							
142							
144							
146							
148							
150							
152							
154							
156							
156							
160							

K=Conductivity

LITHOLOGIC LOG

Project: McCoyHole: 864-90Elevation: 5720Date Drilled: 3-27-81Location: NWNW 32 T22N R40EMethod: rotary airGeologist: Deymonaz

Gamma: _____

Depth (m)	Description
0- 9	Alluvium - med-brown, sandy silt with subrounded to subangular gravels of latitic volcanics, siltstones, and limestones.
9- 15	Latite Tuff - red to lt.-gray, argillized and less commonly silicified. 5-10% phenocrysts of clear tabular sanidine, squarish clear to milky k-spar, and minor biotite and quartz in tuffaceous matrix. Trace of small lithic fragments of volcanic rock and black siltstone. Some samples contain sufficient quartz to be classified as rhyolite.
15- 25	Crystal-Lithic Tuff - white, firm to hard, 5-15% xls of clear anhedral quartz (much of quartz has pale pink hue) 2-5mm, fresh appearing black to green chloritized biotite, 0.5-2.0mm, and small rounded to subangular dk. gray to lt. gray lith fragments of volcanics and black siltstones, in mottled white to pale greenish aphanitic groundmass. Minor small clear quartz filled fractures. White mottled appearance due to pseudomorphs of feldspars and/or altered pumice fragments.
25- 28	Virtrophyre - black, glassy, with 50-75% large phenocrysts (2-5mm) of clear anhedral quartz, black euhedral biotite and clear to white fresh to altered feldspars in black glassy groundmass. Possibly base of above unit.
28- 34	Xl-Tuff - lt.-med-gray, soft argillized tuffs. 5-10% xls of quartz and altered biotite and feldspars. 2-5% small aphanitic lithic fragments.
34- 67	Chert (Fanglomerate?) - buff to lt. greenish-gray and pale red, finely granular chert. Color varies considerably in each sample. Some rounded weathered surfaces observed. May be fairly well indurated fanglomerate (penetration 80-100 ft/hr with mill tooth bit and air). Cherts are commonly fractured and iron-stained, minor thin manganese deposits along fractures.
67-137	Calcareous Siltstone - black, effervescence vigorously in HCl. Minor small veins (1-3mm) of clear to white calcite. Trace of small (0.1-0.5mm) disseminated pyrite. Firm to hard, drills easily with mill tooth bit (60-80 ft/hr) and commonly breaks along poorly defined laminations.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-92

Property-Project MC COY. - 864 Depth Logged 83.3 meters
 Map MT. AIRY NW Scale 7.5' Date: Drilled 4/6/81 Logged 05/28/81
 State NEV. County LANDER of SE of SE of Sec 3 T 21N R 40E
 Instrument SPAFFORD # 46 Operator MARK AVERY Elevation 6080 (ft m)
 Comments SECOND LOGGING OF THIS WELL.

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	864	92	05	81

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description	Operator	Editor	DA	MO	YR	
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	4.9 KM W-NW OF PETERSON MINE	MAA	JED	06	04	81

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

Card B

Map Location * *

Scale Unit	Map Size (7.5, 15, 60)	N Lat Degree	Min	W Long 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	CM	7.5	39.37	117.0	30.0

Use decimals

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

Northing	Easting	Elev
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	39.49	14.58
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	6080	F

Use decimals

Write M if meters

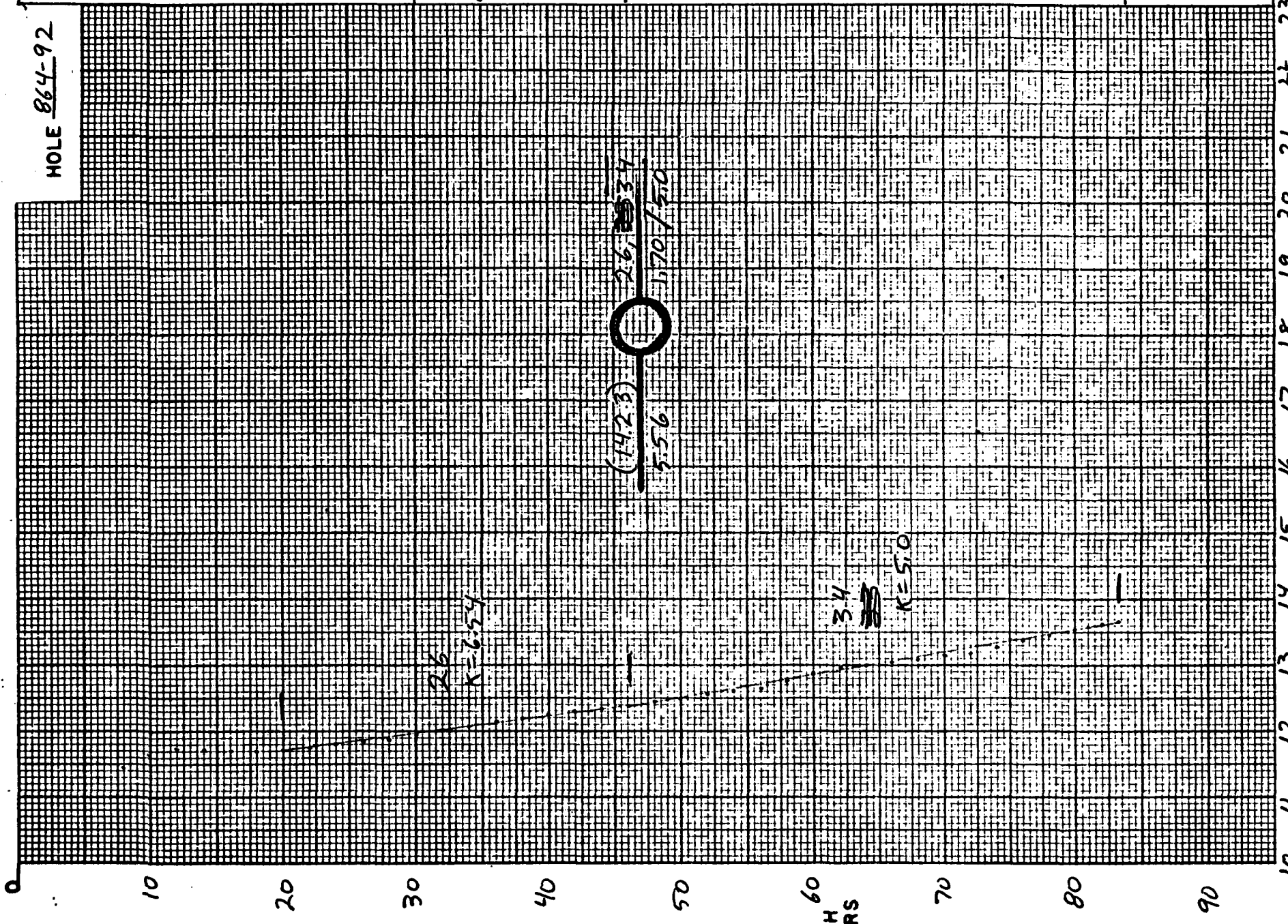
Segment	Start	End	Conductivity K	ΔK
Segment 1	20.0	46.0		
Segment 2	46.0	83.0	5.0	1.5
Segment 3	99.9			
Segment 4				
Segment 5				
Segment 6				
Segment 7				
Segment 8				
Segment 9				
Segment 10				

Best cond. (-K) - Downward extrapolations (-ΔK)

After final segment

MOLE 864-92

Unconsolidated sands Fan glomerate Tuffs



26
K=6.54

(14.23)

2.6
1,70/50

3.4
K=5.0

DEPTH METERS

TEMPERATURE °C

Date Logged: 05/28/51

AT Well No. 864-92

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	^{H₂O} Air	Lithology, etc.
0							
2							
4							
6							
8	142.11 ↑ _{0.5}	11.46					
10	141.16	11.67	.21	105			
12	140.88	11.73	.06	30			
14	140.94	11.72	-.01	-5			
16	140.97	11.71	-.01	-5			
18	141.00	11.70	-.01	-5			
20	140.92	11.72	.02	10			
22	140.73	11.76	.04	20			
24	140.57	11.80	.04	20			
26	140.39	11.84	.04	20			
28	140.19	11.88	.04	20			
30	139.86	11.95	.07	35			
32	139.53	12.02	.07	35			
34	139.29	12.08	.06	30			
36	139.00	12.14	.06	30			
38	138.79	12.19	.06	30			
40	138.49	12.25	.06	30			
42	138.28	12.30	.05	25			
44	138.07	12.34	.04	20			
46	137.81	12.40	.06	30			
48	137.60	12.45	.05	25			
50	137.40	12.49	.04	20			
52	137.15	12.55	.06	30			

K=conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-92

Elevation: 6080

Date Drilled: 4-6-81

Location: SESE 3 T21N R40E

Method: rotary air

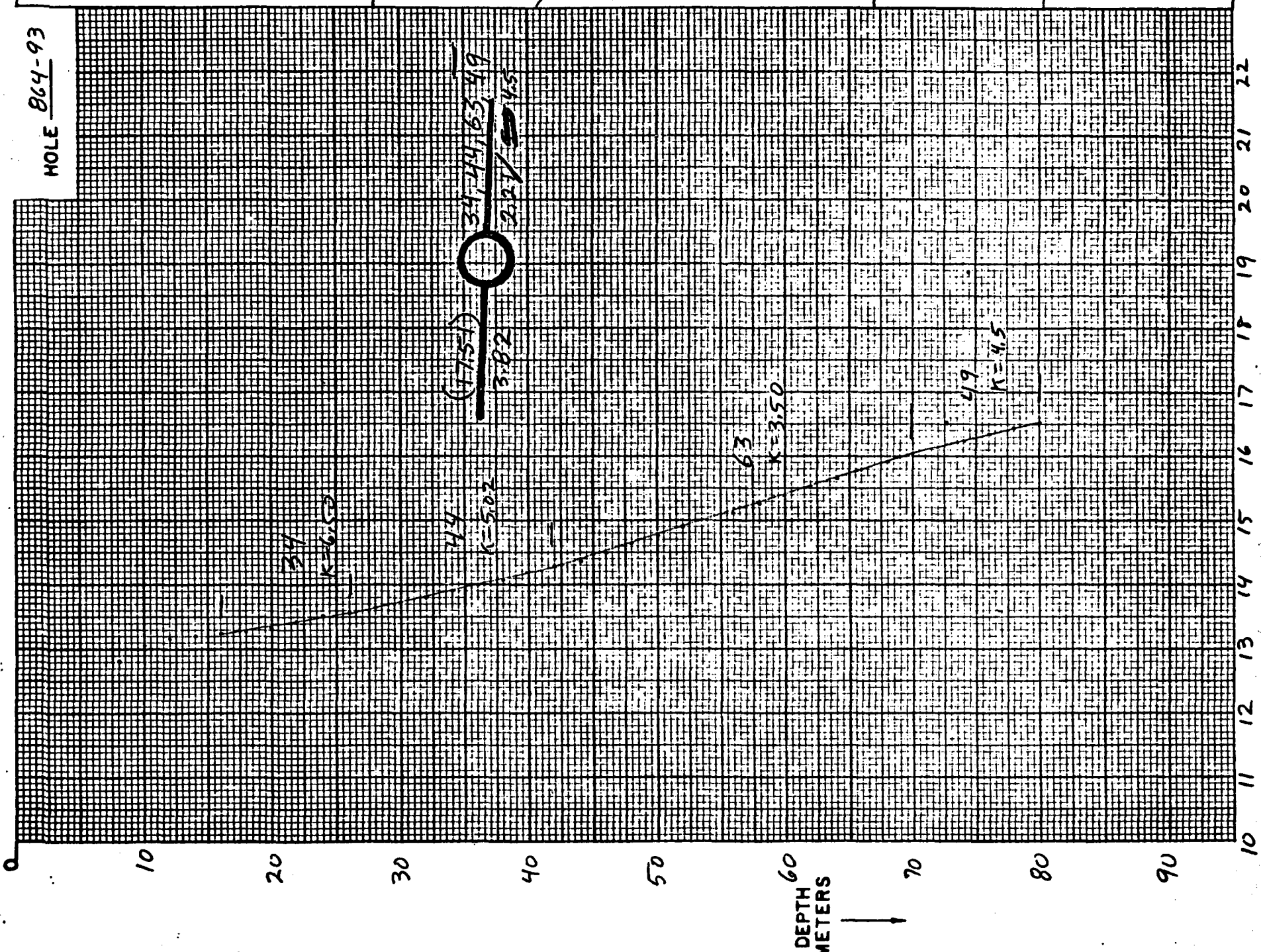
Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-30	Alluvium - tan, sandy-silt with angular to subangular gravels of chert, volcanics and limestone.
30-46	Fanglomerate - tan to red cherts with considerable variation within each sample, much iron-staining along fractures. 5-20% fine siliceous sandstones. 10-50% of sample volcanics and cherts, probably from upper 30m of hole. Increasing amounts of tuffs below 40m.
46-82	Tuff - reddish-brown, firm to hard, matrix material argillic alteration to montmorillonite clays. 20-25% small (0.5-1.0mm) xls of white to clear tabular plagioclase altered to clays, and an undetermined amount of small quartz grains. Trace of large biotite phenocrysts and small magnetite. Manganese deposition on some small tight fractures. Tuff increasing in sample from below 46m to 61m where it comprises about 80% of sample.

Seds Sediments/or XI Tuffs. Tuff

HOLE 064-93



TEMPERATURE °C →

DEPTH METERS ↓

Date Logged: 05/28/81

Well No. 864-93

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	136.02	12.80					
10	134.82	13.06	0.26	130			
12	134.35	13.17	.11	55			
14	134.19	13.21	.04	20			
16	134.04	13.24	.03	15			
18	133.87	13.28	.04	20			
20	133.56	13.35	.07	35			
22	133.19	13.43	.08	40			
24	132.84	13.51	.08	40			
26	132.51	13.58	.07	35			
28	132.19	13.66	.08	40			
30	131.84	13.74	.08	40			
32	131.52	13.81	.07	35			
34	131.11	13.90	.09	45			
36	130.73	13.99	.09	45			
38	130.35	14.08	.09	45			
40	129.85	14.19	.11	55			
42	129.42	14.29	.10	50			
44	129.04	14.38	.09	45			
46	128.49	14.50	.12	60			
48	127.86	14.65	.15	75			
50	127.28	14.78	.13	65			
52	126.80	14.90	.12	60			

K=Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-93

Elevation: 6030

Date Drilled: 4-7-81

Location: S1NW 35 T23N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

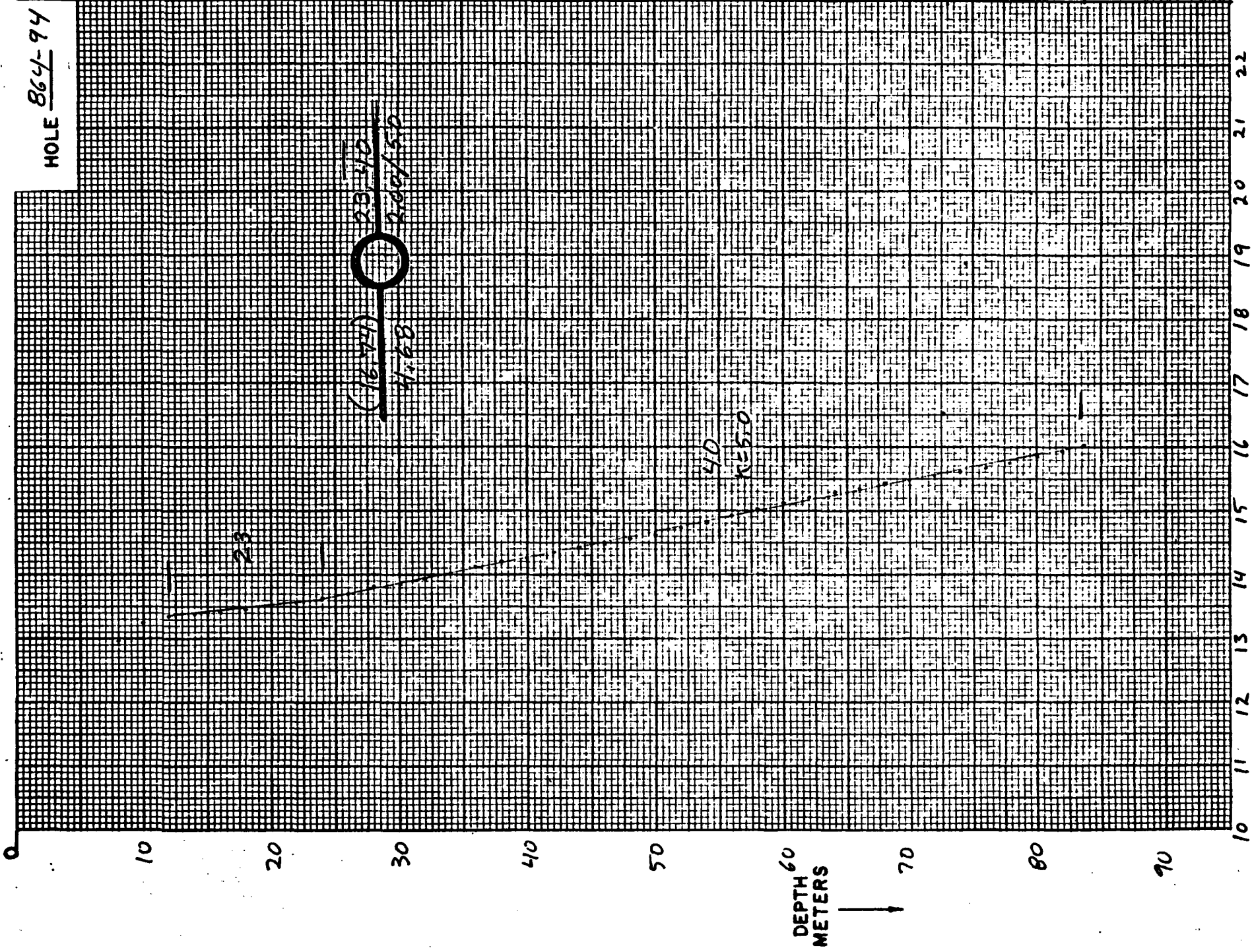
Depth (m)	Description
0-28	Alluvium - tan, silt with angular gravels of sandstone, chert and volcanics. Increasing chert and sandstone with depth, possibly fanglomerate.
28-67	Alluvium/Crystal Tuffs - red to yellow-brown crystal tuffs in increasing amounts mixed with alluvium as above.
67-75	Crystal Tuff - med. gray to red to yellow-brown and firm as above. Altered groundmass of tuffaceous material and 10-15% crystals of altered feldspars and minor quartz, mostly less than 1mm. Minor large biotite, common manganese deposition along fractures, rare small magnetite.
75-80	Tuff - lt. gray, firm, brittle, granular mass of tuffaceous material and small (<0.5mm) crystals of quartz and altered feldspars with rare small biotite and magnetite. Manganese common along small fractures.

HOLE 864-94

Seds

Welded Tuff

Tuff



(16.74) 23.41
4.68

410
R550

TEMPERATURE °C

DEPTH
METERS

Date Logged: 05/28/81

AT Well No. 864-94

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	135.33	12.95	.31	155			
10	133.95	13.26	.10	50			
12	133.51	13.36	.02	10			
14	133.40	13.38	.04	20			
16	133.23	13.42	.04	20			
18	133.05	13.46	.06	30			
20	132.80	13.52	.05	25			
22	132.56	13.57	.06	30			
24	132.29	13.63	.07	35			
26	131.98	13.70	.10	50			
28	131.57	13.80	.06	30			
30	131.28	13.86	.07	35			
32	130.97	13.93	.09	45			
34	130.60	14.02	.09	45			
36	130.22	14.11	.08	40			
38	129.87	14.19	.07	35			
40	129.54	14.26	.08	40			
42	129.18	14.34	.08	40			
44	128.87	14.42	.07	35			
46	128.57	14.49	.07	35			
48	128.24	14.56	.06	30			
50	127.93	14.63	.10	50			
52	127.52	14.73					

K=Conductivity

Date Logged: 05/28/81

AT Well No. 864-94

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K		Lithology, etc.
					(Est.)	H ₂ O Air	
54	127.11	14.82	.10	50			
56	126.70	14.92	.11	55			
58	126.24	15.03	.08	40			
60	125.84	15.12	.09	45			
62	125.45	15.21	.08	40			
64	125.13	15.29	.07	35			
66	124.81	15.36	.07	35			
68	124.53	15.43	.06	30			
70	124.27	15.49	.06	30			
72	124.01	15.55	.07	35			
74	123.74	15.62	.06	30			
76	123.46	15.68	.08	40			
78	123.15	15.76	.08	40			
80	122.81	15.84	.10	50			
82	122.40	15.94	.08	~~~~~			
7 84	122.06	16.02					
86							
88							
90							
92							
94							
96							
98							
100							

K=Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-94

Elevation: 5830

Date Drilled: 4-7-81

Location: NWNE 26 T22N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-40	Alluvium - tan, sandy silt with angular gravels of chert with lessor amounts of limestones, quartzites, volcanics and fine argillaceous sandstones.
40-73	Qtz Latite Welded Tuff - hard, lt. gray to lt. pink, aphanitic tuffaceous matrix with 15-25% phenocrysts of altered feldspars, quartz, minor magnetite and rare biotite. Common manganese staining along small tight fractures. Color becoming more pink with depth.
73-82	Tuff - firm, pink similar to above except 5-10% phenocrysts.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-95

Property-Project MC COY - 864 Depth Logged 77.1 meters

Map GILBERT CREEK SW Scale 7.5' Date: Drilled 4-7-81 Logged 05/28/81

State NEV. County LANDER, of NE of NE of Sec 14 T22N R40E

Instrument SPAFFORD #46 Operator MARK EVERY Elevation 5500 (ft/m)

Comments SECOND & FINAL LOGGING OF THIS AT HOLE.

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
864	9528	05	28	81

*19-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 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	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	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	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	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	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
4.3 KM E-SE OF WELC 25-9	MAA	JED	07	04	81

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

Card B

Scale Unit	Map Size	N Lat	Map Location **	W Long
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
CM	7.5	39.45	117.30	00

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

Use decimals

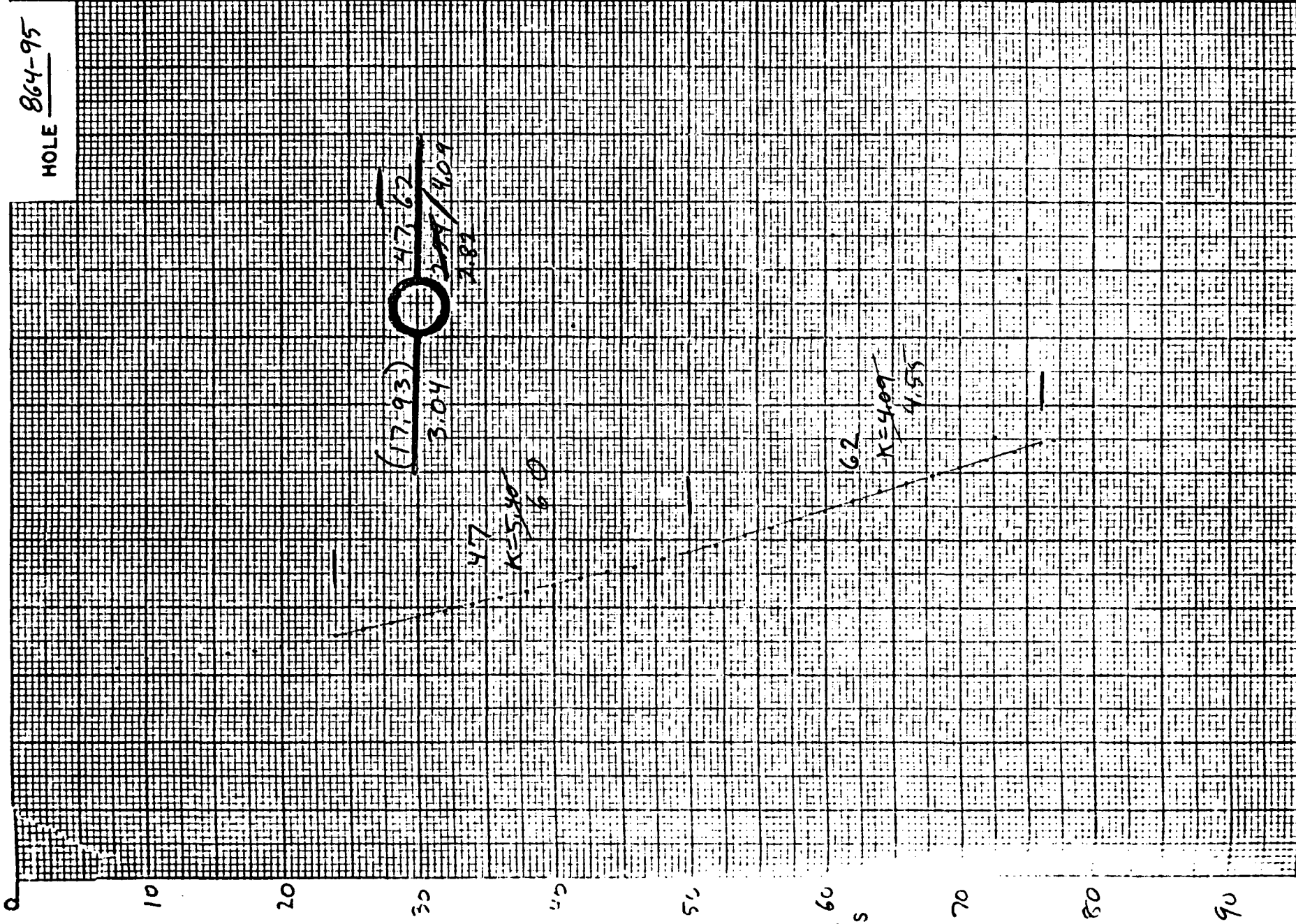
Northing	Easting	Elev
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	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 71 72 73 74 75 76 77 78 79 80
13.60	21.70	5500

Use decimals

Write M if meters

Segment 1 := Depths	Conductivity	Best cond. (-K)
Start	K	Downward extrapolations (-ΔK)
End	ΔK	
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	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	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
24.0	50.0	
Segment 2	Segment 3	Segment 4
Start →	Start →	Start →
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	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	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
	50.0	76.0 - 4.09
Segment 5	Segment 6	Segment 7
Start →	Start →	Start →
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Segment 8	Segment 9	Segment 10
Start →	Start →	Start →
101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120	101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120	101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120
After final segment	Start →	
Start = 000	121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150	

HOLE 864-95 Gal Welded XI-Tuff XI Tuff



10 11 12 13 14 15 16 17 18 19 20 21 22

TEMPERATURE °C

DEPTH METERS

(17, 93)
3.04
4.17



K=5.40
6.0

6.2
K=4.09
4.55

Date Logged: 05/28/81

AT Well No. 864-95

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	^(H₂O) Air	Lithology, etc.
0							
2							
4							
6							
8	134.66 ↑	13.10					
10	133.99	13.25	.15	75			
12	133.81	13.29	.04	20			
14	133.77	13.30	.01	5			
16	133.70	13.32	.02	10			
18	133.48	13.37	.05	25			
20	133.19	13.43	.06	30			
22	132.87	13.50	.07	35			
24	132.47	13.59	.09	45			
26	132.07	13.68	.09	45			
28	131.67	13.78	.10	50			
30	131.28	13.86	.08	40			
32	130.87	13.96	.10	50			
34	130.45	14.05	.09	45			
36	130.08	14.14	.09	45			
38	129.66	14.23	.09	45			
40	129.28	14.32	.09	45			
42	128.85	14.42	.10	50			
44	128.42	14.52	.10	50			
46	128.08	14.60	.08	40			
48	127.57	14.72	.12	60			
50	127.13	14.82	.10	50			
52	126.65	14.93	.11	55			

Y=Conductivity

Date Logged: 05/28/81

AT Well No. 864-95

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
54	126.05	15.07	.11	55			
56	125.57	15.18	.13	65			
58	125.05	15.31	.12	60			
60	124.51	15.43	.14	70			
62	123.94	15.57	.15	75			
64	123.32	15.72	.12	60			
66	122.80	15.84	.13	65			
68	122.27	15.97	.11	55			
70	121.79	16.08	.12	60			
72	121.32	16.20	.12	60			
74	120.80	16.32	.12	60			
76	120.30	16.44	.04	~~~~~ BOTTOM OF ~~~~~			
78	120.15	16.46					
80							
82							
84							
86							
88							
90							
92							
94							
96							
98							
100							

LITHOLOGIC LOG

Project: McCoy

Hole: 864-95

Elevation: 5500

Date Drilled: 4-7-81

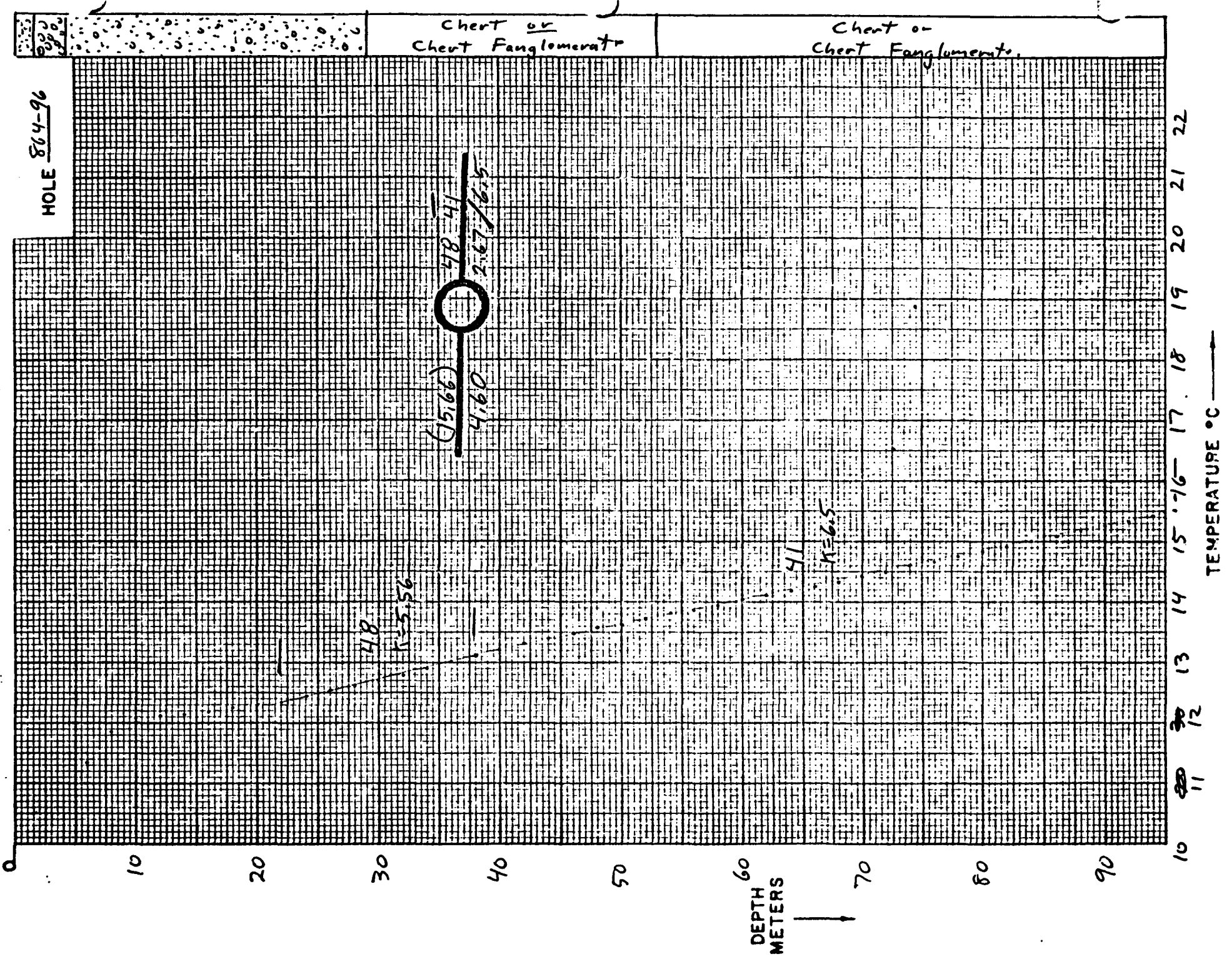
Location: NENE 14 T22N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-2.5	Alluvium - tan, sandy silt with angular gravels (3mm-5cm) of intermediate volcanics, black limestones and minor cherts.
2.5-61	Welded Crystal Tuff - quartz latite, hard, lt. pink aphanitic matrix with phenocrysts (1-4mm) of quartz, k-spar, and altered plagioclase comprising 15-30% of rock. Rare biotite, magnetite and hornblende. Common manganese deposition along small tight fractures. Rare, small lithic fragments.
61-79	Crystal Tuff - lt. gray to pink, firm-hard, groundmass of tuffaceous material, and small lithic fragments and quartz grains (<0.5mm). 15% large biotite phenocrysts (2-5mm) and smaller, altered feldspars, often apple green and translucent. Trace of magnetite.



MOLE 864-96

Chert or
Chert Funglomerate

Chert or
Chert Funglomerate

4.8
1.5
5.56

(5.66)
4.60
4.8 4.1
2.67 6.5

4.1
6.5

0
10
20
30
40
50
60
DEPTH
METERS
70
80
90

10
11
12
13
14
15
16
17
18
19
20
21
22
TEMPERATURE °C

Date Logged: 05/27/81

AT Well No. 864-96

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	^{H₂O} Air	Lithology, etc.
0							
2							
4							
6	142.70	11.34					
8	140.24	11.87	.53	290			
10	139.29	12.08	.21	20 105			
12	139.08	12.12	.04	20			
14	138.99	12.14	.02	10			
16	138.83	12.18	.04	20			
18	138.55	12.24	.06	30			
20	138.28	12.30	.06	30			
22	138.00	12.36	.06	30			
24	137.56	12.46	.10	50			
26	137.23	12.53	.07	35			
28	136.87	12.61	.08	40			
30	136.44	12.70	.09	45			
32	136.06	12.79	.09	45			
34	135.56	12.90	.11	55			
36	135.07	13.01	.11	55			
38	134.51	13.13	.12	60			
40	134.10	13.23	.10	50			
42	133.72	13.31	.08	40			
44	133.31	13.40	.09	45			
46	132.94	13.49	.09	45			
48	132.55	13.58	.09	45			
50	132.22	13.63	.05	25			
52	131.87	13.73	.10	50			

K-Conductivity

LITHOLOGIC LOG

Project: McCoyHole: 864-96Elevation: 5350Date Drilled: 4-5-81Location: NENW 11 T22N R40EMethod: rotary airGeologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-1.5	Alluvium - tan, sandy-silt with minor angular gravels of chert, limestone and volcanics.
1.5-4	Gravels - angular to subangular gravels of cherts, volcanics and limestone. Dry poorly consolidated.
4-29	Alluvium - as in 0-1.5m (hole very dry to 29m).
29-53	Chert or Fanglomerate - lt. greenish-gray, gray and red cherts pervasively fractured and iron-stained, considerable variation within each sample, very similar to fanglomerate material in 864-92.
53-95	Chert or Fanglomerate - as above, except predominately lt. gray and reddish.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-97

Property-Project MC COY - 864 Depth Logged 96 meters

Map GILBERT CREEK Scale 7.5" Date: Drilled 4-6-81 Logged 05/27/81

State NV. County LANDER, of NW of SW of Sec 35 T 23 N R 40 E

Instrument STAFFORD # 46 Operator MARK ANERY Elevation 5260 (m)

Comments Second (and final) log

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
864	9727	05	81	CM	

*19-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	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																										
6.3 KM NE OF HOLE 25-9																				MAA					JED			06	04	81

(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
CM	7.5	39.45	0	117.30	0

Use decimals

Map Location **

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																
28.51										26.855										260	

Use decimals

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

Write M if meters

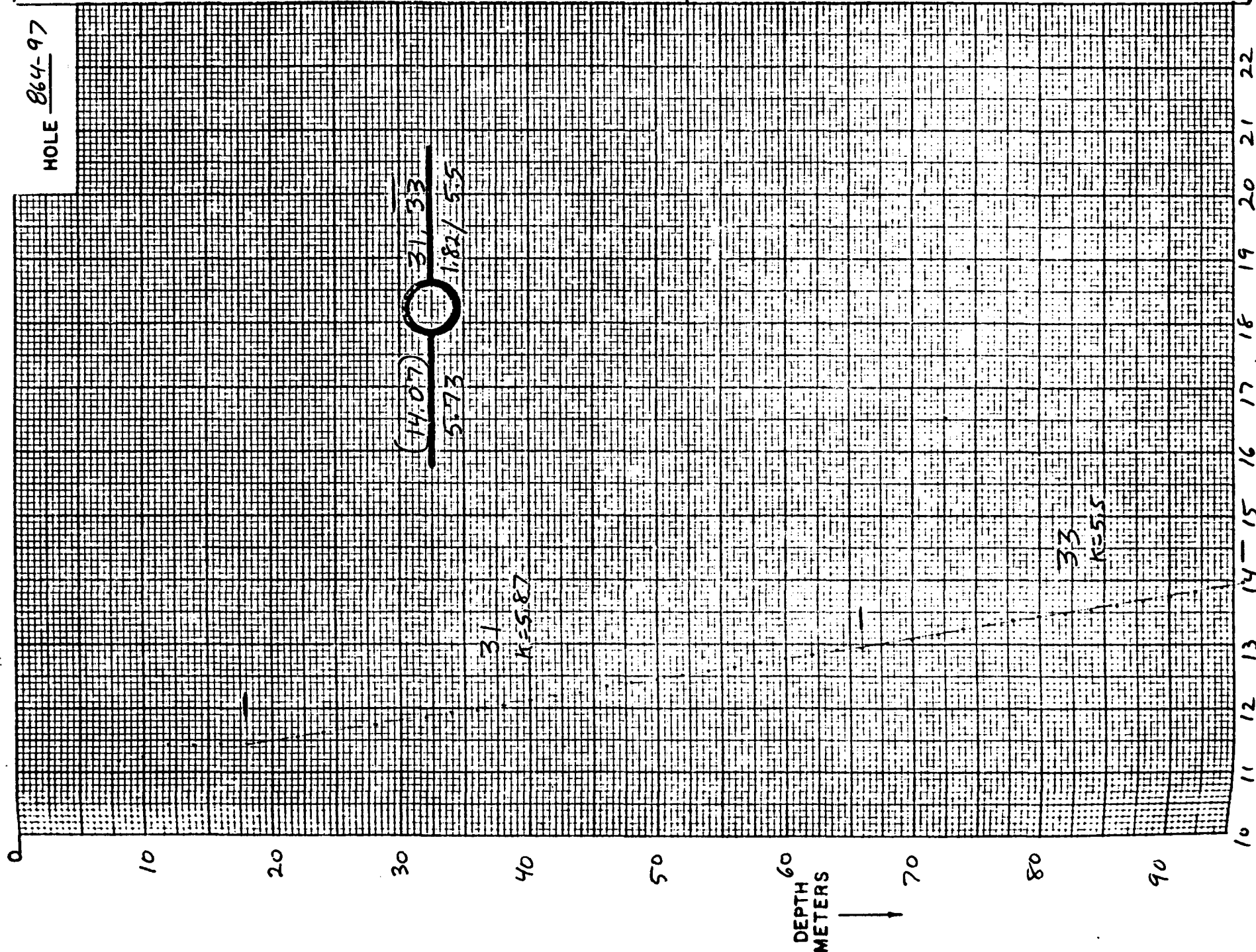
Segment	Start	End	Conductivity K	ΔK	Best cond. (-K)	Downward extrapolations (-ΔK)
Segment 1	21 27 23 24 25	26 27	18.0			
Segment 2	31 32 33 34 35	36 37	66.0			
Segment 3	41 42 43 44 45	46 47	66.0		96.0	-5.5
Segment 4	51 52 53 54 55	56 57				
Segment 5	61 62 63 64 65	66 67				
Segment 6	71 72 73 74 75	76 77				
Segment 7	81 82 83 84 85	86 87				
Segment 8	91 92 93 94 95	96 97				
Segment 9	101 102 103 104 105	106 107				
Segment 10	111 112 113 114 115	116 117				

After final segment Start = 000

Unconsolidated Sediments

Welded Tuff Tec

HOLE 864-97



(14:07)
5.73
1.82/5.5

31
K=5.87

33
K=5.5

DEPTH
METERS

TEMPERATURE °C

Date Logged: 05/27/81

AT Well No. 864-97

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Atr	Lithology, etc. (cuttings in EIKO)
0	143.3						
2							
4							
6							
8	143.397	11.19					
10	142.69	11.34	.15	75			
12	142.96	11.41	.07	35			
14	142.30	11.42	.01	5			
16	142.23	11.44	-.02	10			
18	142.12	11.46	.02	10			
20	141.93	11.50	.04	20			
22	141.63	11.57	.07	35			
24	141.38	11.62	.05	25			
26	141.02	11.70	.08	40			
28	140.72	11.76	.06	30			
30	140.47	11.82	.06	30			
32	140.22	11.87	.05	25			
34	139.97	11.93	.06	30			
36	139.72	11.98	.05	25			
38	139.38	12.06	.08	40			
40	139.11	12.12	.06	30			
42	138.75	12.19	.07	35			
44	138.43	12.26	.07	35			
46	138.08	12.34	.08	40			
48	137.80	12.40	.06	30			
50	137.50	12.47	.07	35			
52	137.25	12.52	.05	25			

K-Conductivity

AT Well No. 864-81

Property-Project MC COY - 864 Depth Logged 92.7 meters

Map EDWARDS CREEK VALLEY Scale 15' Date: Drilled 03/25/81 Logged 05/27/81

State NEV. County CHURCHILL of SW of SW of Sec 29 T 22N R 39E

Instrument SPAFFORD #46 Operator MARK AVERY Elevation 5480 (m)

Comments CROSSHOLE PASS AT HOLE: 2nd log

Date Logged

JUSTIFY

Card A

Proj No	Well No	DA	MO	YR	Site Description	Operator	Editor	DA	MO	YR						
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	864			8127	05	81				0.8 KM SE OF SHOSHONE PAS	MAA	JED	25	03	81

19-Write F if Fahrenheit, 20-Write F if Feet

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

Map Location **

Card B

Scale Unit	Map Size	N Lat	W Long	Northing	Easting	Elev	
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	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	CM	15.0	39.30.0	117.45.0	42.41	17.345480

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

Use decimals

Use decimals

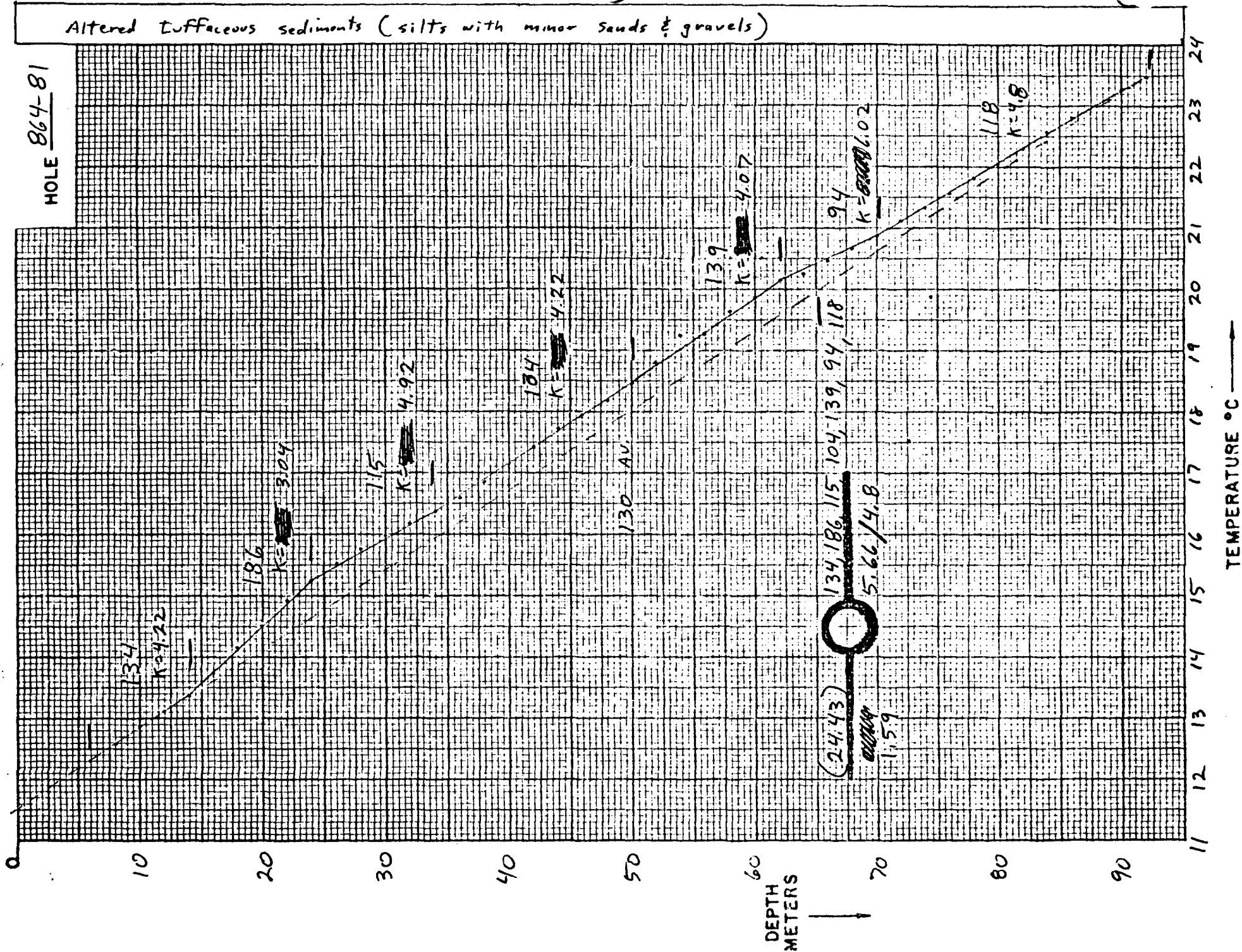
Write M if meters

Segment	Start	End	Conductivity K	ΔK	Best cond. (-K)	Downward extrapolations (-ΔK)
Segment 1	6.0	14.0				
Segment 2	14.0	24.0				
Segment 3	24.0	34.0				
Segment 4	34.0	50.0				
Segment 5	50.0	62.0				
Segment 6	62.0	70.0				
Segment 7	70.0	92.0	-4.8	-1.5		
Segment 8			.999			
Segment 9						
Segment 10						

After final segment Start = 000

Altered tuffaceous sediments (silt with minor sands & gravels)

HOLE 864-81



Date Logged: 05/27/81

AT Well No. 864-81

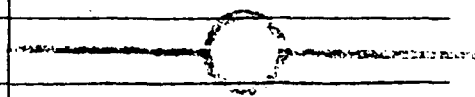
Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	(H ₂ O) ATR	Lithology, etc. (cuttings in ELKO, NV.)
0							
2							volcanic tuffs and
4							weathered flow rocks.
6	138.28	12.30					
8	136.90	12.60	.30	150			
10	135.60	12.89	.29	145			
12	134.65	13.10	.21	105			
14	133.46	13.37	.27	135			
16	131.86	13.73	.36	180			
18	130.08	14.14	.41	205			
20	128.40	14.52	.38	190			
22	126.71	14.92	.40	200			
24	125.37	15.23	.31	155			
26	124.21	15.51	.28	140			
28	123.09	15.77	.26	130			
30	122.19	15.99	.22	110			
32	121.40	16.18	.19	95			
34	120.55	16.38	.20	100			
36	119.65	16.60	.22	110			
38	118.58	16.86	.26	130			
40	117.43	17.15	.29	145			
42	116.31	17.42	.27	135			
44	115.14	17.72	.30	150			
46	114.12	17.97	.25	125			
48	113.28	18.19	.22	110			
50	112.16	18.47	.28	140			
52	110.85	18.81	.34	170			

K=conductivity

Logged: 05/27/81

ΔT Well No. 864-81

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Atr	Lithology, etc.
54	109.21	18.81 19.24	.43	215			
56	109.07	19.27	.03	15			
58	107.76	19.62	.35	165			
60	106.76	19.88	.26	130			
62	105.80	20.14	.26	130			
64	105.38	20.25	.11	55			
66	104.62	20.46	.21	105			
68	103.82	20.67	.21	105			
70	103.04	20.89	.22	110			
72	102.24	21.11	.22	110			
74	101.45	21.33	.22	110			
76	100.57	21.57	.24	120			
78	99.74	21.80	.23	115			
80	98.90	22.04	.24	120			
82	98.00	22.30	.26	130			
84	97.07	22.57	.27	135			
86	96.24	22.81	.24	120			
88	95.56	23.00	.19	95			
90	94.70	23.26	.26	130			
92	93.91	23.49	.23	115			
94	93.77						
96							
98							
100							
102							
104							
106							



Specificity

LITHOLOGIC LOG

Project: 864 (McCoy)

Hole: 81

Elevation: 5480' MSL

Date Drilled: 3/25/81


Location: SW 1/4 SW 1/4 Sec 29 T22N R39E

Method: air/foam injection

Geologist: Mark Avery

Gamma: N/A

(TD = 91.46 meters)

Depth (m)	Description
0- 3	Overburden
3-13	Altered gray-grayish white very fine-grained to fc ash-fall and x-tal ashflow tuffs. Most chips crumble easily with alteration of feldspars to white montmorillic clay. Iron staining present. Relic phenocrysts in x-tal ashflow tuffs often replaced with iron oxides. Mafic minerals (biotite) and hornblende (present as elongated phenocrysts) in altered ashflow tuffs.
13-16	Highly altered and iron-stained tuffs and tuffaceous sediments. Latter contains rounded gravels of ashflow tuffs as in 3-13m.
16-30	White beige tuffaceous sediments. Very fine-grained, banded with alternating white/beige laminae. High content of clay.
30-36	(As in 13-16m).
36-60	White-gray thinly bedded to laminated tuffaceous sediments.
60-70	More gray tuffaceous sediments as before with 40% hornblende (phenocrysts 0 →  in shape) rich altered tuffs (also gray in color).
70-91.46	White to gray banded and laminated tuffaceous sediments (rarely as thin beds) with 10-20% altered x-tal tuffs (gray). Very soft and light, crumbles easily. High clay content.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-82

Property-Project MCCOY-864 Depth Logged 45.6 meters

Map EDWARDS CREEK VALLEY Scale 15' Date: Drilled 03/26/81 Logged 05/27/81

State NEV County WHEELER, of SW of NW of NW of Sec 3 T 21N R 39E

Instrument SPARFOED # 46 Operator MARK AWERY Elevation 5185 (m)

Comments EDWARDS CREEK WINDMILL (Second Log, 2 months from date of drilling)

Date Logged

JUSTIFY

Card A

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
864	8227	05	81		C M

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description

Operator

Editor

DA

MO

YR

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	71	72	73	74	75	76	77	78	79	80
1, 2 KM N. OF EDWARDS CK WELL										MAA										IED										26	03	81																											

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

Map Location **

Scale Unit
IN
CM

Map Size
(75, 15, 60)

N Lat

W Long

Degree

Min

Degree

Min

**

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

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
CM					15.0					39.30.0					117.45.0														

Use decimals

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
40.92										22.055185										F									

Write M if meters

Use decimals

Segment 1 = Depths
Start

Conductivity

Best cond. (-K)

Downward extrapolations (-ΔK)

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
8.0										34.0																			

Segment 2

Start →

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
34.0										44.0-4.49										-1.5									

Segment 3

.999																													
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Segment 4

Start →

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Segment 7

Segment 6

Start →

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Segment 9

Segment 8

Start →

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Segment 10

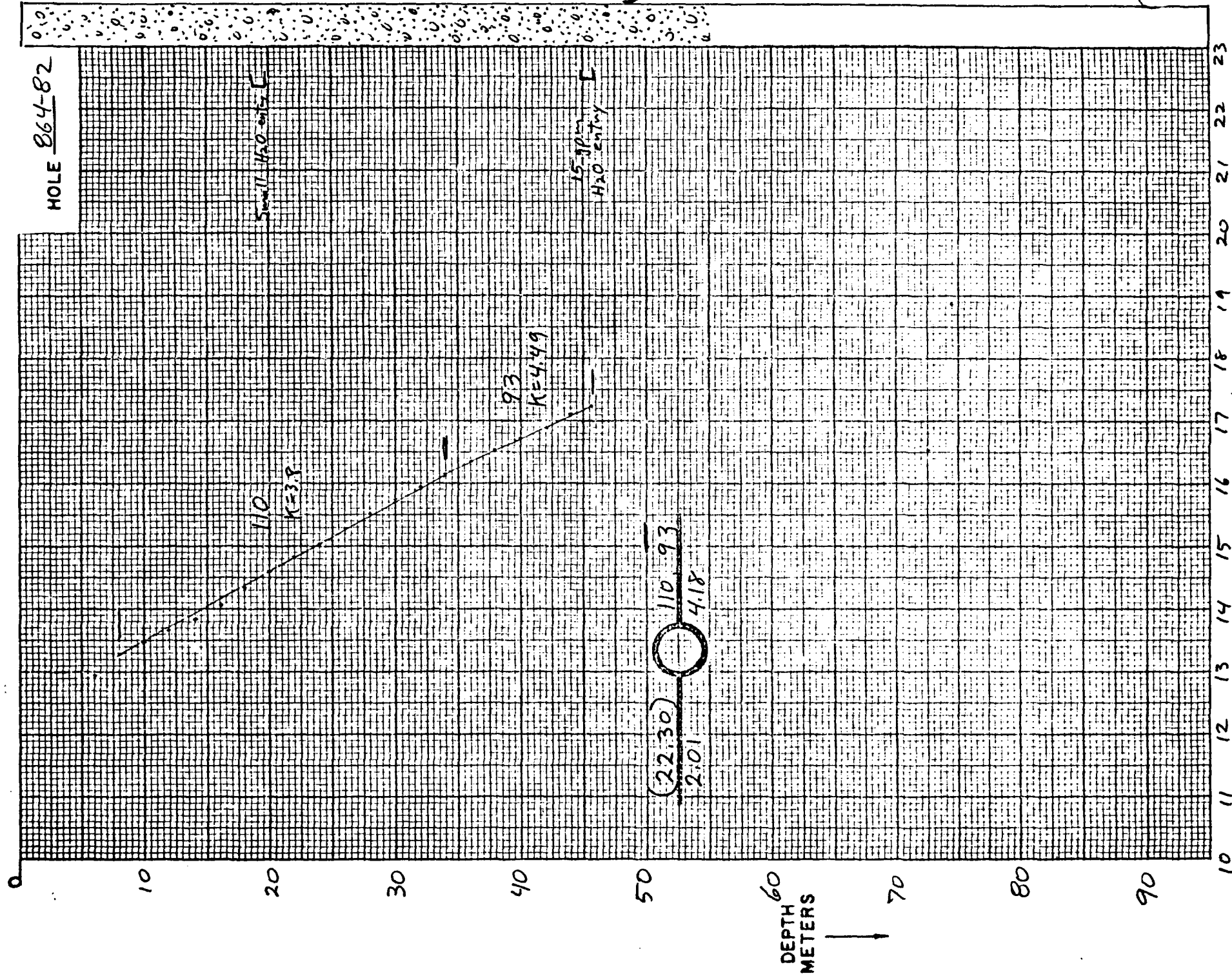
Start →

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

After final segment

Start = 999

MOLE 864-82



Date Logged: 05/27/81

AT Well No. 864-82

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							Sand & gravel
2							
4							
6	135.25	12.97					
8	133.76	13.30	.33	165			
10	132.98	13.48	.18	90			
12	132.15	13.67	.19	95			
14	131.33	13.85	.18	90			
16	130.35	14.08	.23	115			
18	129.20	14.34	.26	130			
20	128.10	14.59	.25	125			Small H ₂ O entry
22	127.13	14.82	.23	115			
24	126.17	15.04	.22	110			
26	125.10	15.30	.26	130			
28	124.14	15.52	.22	110			
30	123.16	15.76	.24	120			
32	122.29	15.96	.20	100			
34	121.49	16.16	.20	100			
36	120.73	16.34	.18	90			
38	119.99	16.52	.18	90			
40	119.18	16.72	.20	100			
42	118.47	16.81	.17	85			
44	117.63	17.10	.21	105			
45.6	117.07	17.24					
46							15 gpm H ₂ O entry
48							
50							
52							✓

K=Conductivity

LITHOLOGIC LOG

Project: 864 (McCoy)

Hole: 864-82

Elevation: 5,220'

Date Drilled: March 26, 1981

Location: SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec 34, T22N, R39E

Method: air/foam injection

Geologist: Mark Avery

Gamma: N/A

Depth (m) Description

0-52m

Lacustrine sands and alluvial gravels. Composition is 50% sands and 50% gravels and pebble-sized clasts of volcanic (tuffs and flow-rocks); triassic conglomerate; cherts and siltstones of Havallah formation (unconsolidated alluvial sediments). Water entries were encountered at 18m and 46m (15 gpm).

AMAX EXPLORATION, INC.
TEMPERATURE/DEPTH LOG

AT Well No. 864-88

Property-Project MCCOY - 864 Depth Logged _____
 Map EDWARDS CREEK VALLEY Scale 15' Date: Drilled 04/04/81 Logged 05/23/81
 State NEVADA County CHURCHILL of SE of SW of SE of Sec 25 T22N R 39E
 Instrument SPAFFORD 8 46 Operator MARY AVERY Elevation 5430 (ft/m)
 Comments 2nd & final OT log

JUSTIFY

Card A

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20					
864		08	23	05	01 CM

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description

Operator	Editor	DA	MO	YR
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			
1.8 KM N OF HORSESHOE WEL	MAA / JED	04	04	81

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

Card B

Map Location **

Scale Unit IN CM Map Size (7.5, 15., 60.) 15.0

N Lat Degree 39. Min 30.0 W Long Degree 117. Min 45.0

Use decimals

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

Northing 42.53 Easting 29.155430 Elev F

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
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
18.0	38.0		

Best cond. (-K) Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
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
78.0	83.0	38.0	78.0 -46.0 -1.5

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

Segment 9

Segment 10

After final segment

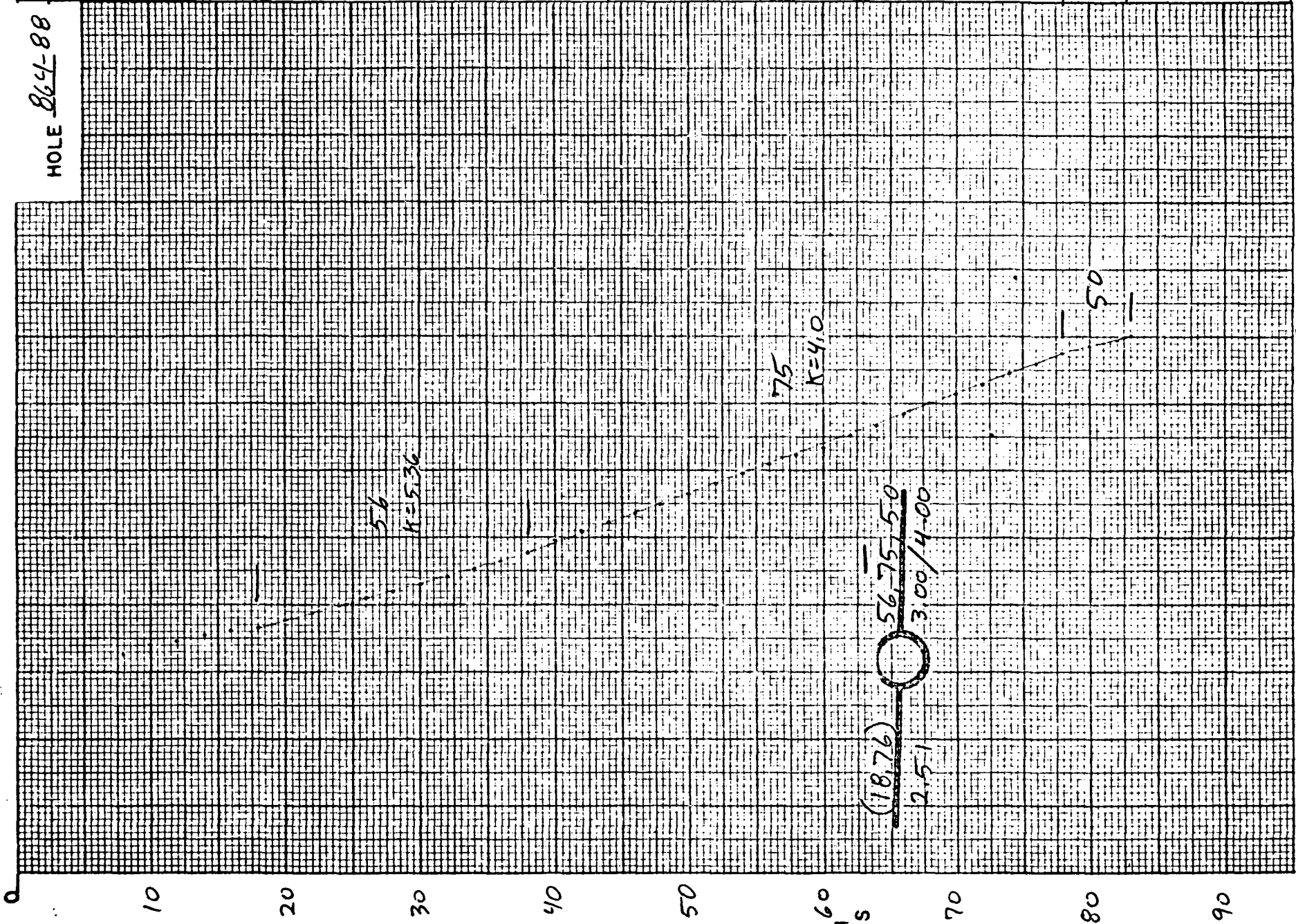
HOLE 8641-88

9.1

Welded XI-Tuff

Tuff

Tuff



DEPTH METERS

TEMPERATURE °C

10 11 12 13 14 15 16 17 18 19 20 21 22 23

Date Logged: 05/23/81AT Well No. 864-88

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	133.90	13.27					
10	133.27	13.41	.14	70			
12	132.97	13.48	.07	35			
14	132.74	13.53	.05	25			
16	132.40	13.61	.08	40			
18	132.02	13.66	.07	35			
20	131.57	13.78	.13	60			
22	131.08	13.91	.13	65			
24	130.65	14.01	.10	50			
26	130.21	14.11	.10	50			
28	129.80	14.20	.09	45			
30	129.33	14.31	.11	55			
32	128.88	14.41	.10	50			
34	128.38	14.53	.12	60			
36	127.86	14.65	.12	60			
38	127.32	14.78	.13	65			
40	126.56	14.95	.17	85			
42	125.98	15.09	.14	70			
44	125.40	15.22	.13	65			
46	124.82	15.36	.14	70			
48	124.22	15.50	.14	70			
50	123.63	15.64	.14	70			
52	122.92	15.81	.17	85			

LITHOLOGIC LOG

Project: McCoy

Hole: 864-88

Elevation: 5435

Date Drilled: 4-4-81

Location: SWSE 25 T22N R39E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

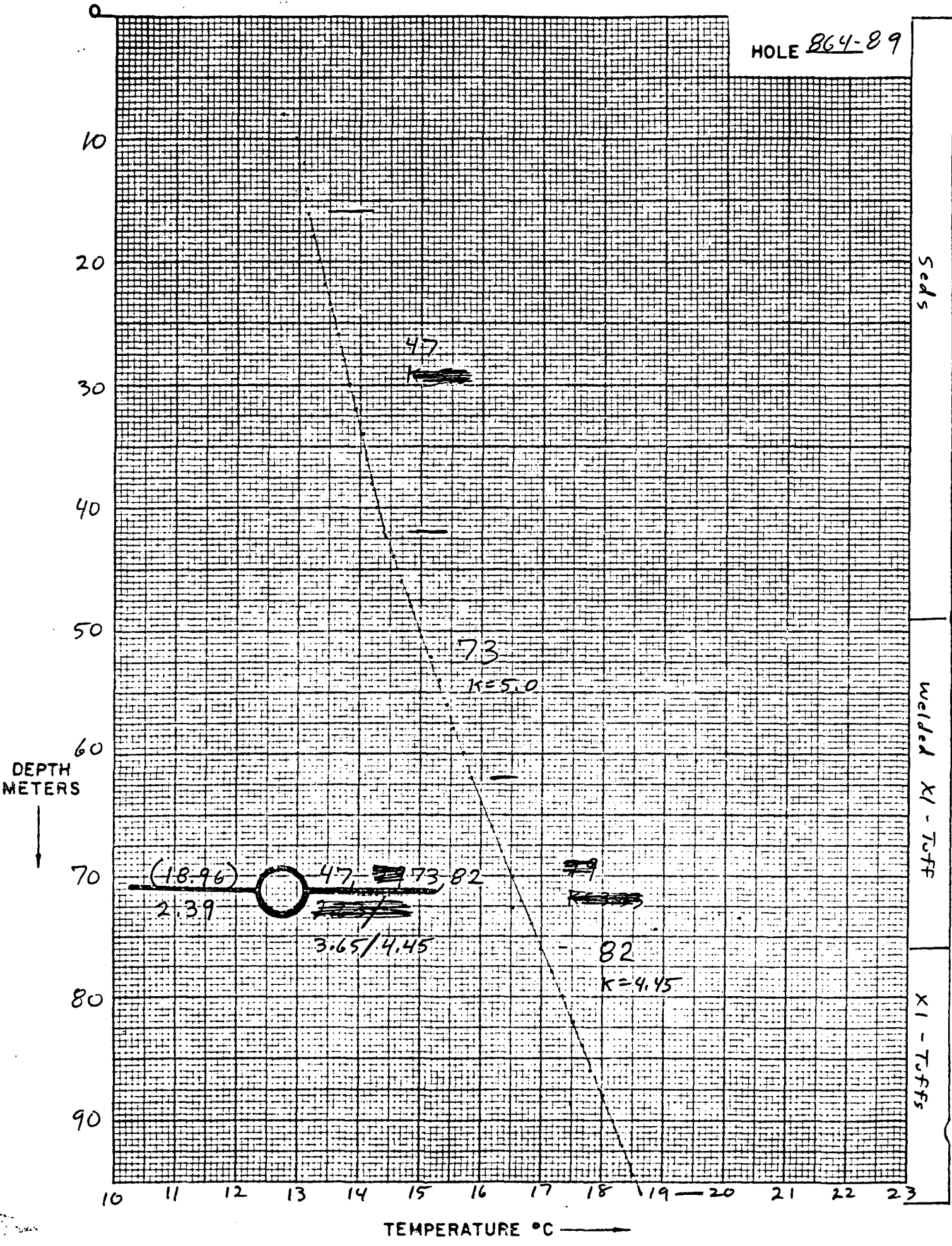
Depth (m)	Description
0- 2	Alluvium - lt. reddish-brown to tan, sandy silt with subangular gravels of intermediate volcanics and minor limestones and cherts.
2-44	Welded Crystal Tuff - primarily lt. red with lesser amounts of lt. gray, hard, 15-30% phenocrysts (2-5mm) of feldspars (mostly altered to clays), smaller clear to milky anhedral quartz (5%), and trace of biotite, and small magnetite. Minor limonitic staining and manganese coatings along small fractures. Some of the larger anhedral, white material altered to clays may be relic pumice fragments.
44-78	Tuff - lt. pink to lt. gray tuff altered to montmorillonite clays. Firm when dry, swells and crumbles when wet. 5-20% small crystals of quartz (3-5%) biotite, magnetite, and altered plagioclase. Up to 20% of sample consists of crystal tuffs from above, amount decreases with depth.
78-82	Tuff - lt. pink to lt. gray, firm to hard, 2-3% clear anhedral quartz phenocrysts, trace of magnetite up to 1mm, and biotite 1-2mm. Groundmass of fine granular tuffaceous material and altered feldspars. Limonitic staining common along small fractures and around some magnetite grains. Minor small (1-2mm) quartz filled veins.

HOLE 864-89

Seds

Welded XI-Tsff

XI-Tsffs



Date Logged: 05/23/81

ΔT Well No. 864-89

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	136.18↑ _f	12.76↓	.23	115			
10	135.16↑ _s	12.99	.09	45			
12	134.74	13.08	.04	20			
14	134.58	13.12	.05	25			
16	134.35	13.17	.07	35			
18	134.04	13.24	.08	40			
20	133.68	13.32	.09	45			
22	133.29	13.41	.13	65			
24	132.72	13.54	.12	60			
26	132.19	13.66	.09	45			
28	131.76	13.75	.09	45			
30	131.37	13.84	.09	45			
32	130.97	13.93	.11	55			
34	130.52	14.04	.08	40			
36	130.16	14.12	.08	40			
38	129.83	14.20	.08	40			
40	129.47	14.28	.12	60			
42	128.95	14.40	.14	70			
44	128.32	14.54	.15	75			
46	127.69	14.69	.16	80			
48	127.00	14.85	.16	80			
50	126.30	15.01	.17	85			
52	125.60	15.18					

K-Conductivity

Date Logged: 05/23/81

AT Well No. 864-89

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
52	125.68	15.18	.14	70			
54	124.98	15.32	.13	65		H ₂ O	
56	124.45	15.45	.13	65			
58	123.88	15.58	.13	65			
60	123.33	15.71	.15	75			
62	122.74	15.86	.16	80			
64	122.06	16.02	.17	85			
66	121.33	16.19	.18	90			
68	120.61	16.37	.17	85			
70	119.91	16.54	.13	65			
72	119.26	16.67	.18	90			
74	118.65	16.85	.15	75			
76	118.03	17.00	.17	85			
78	117.33	17.17	.17	85			
80	116.63	17.34	.19	95			
82	115.90	17.53	.16	80			
84	115.24	17.69	.17	85			
86	114.55	17.86	.17	85			
88	113.88	18.03	.18	80			
90	113.26	18.19	.17	85			
92	112.61	18.36	.14	60		↓	
94	112.05	18.50	.14	60			
96	111.51	18.64					

K=Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-89

Elevation: 5400

Date Drilled: 4-4-81

Location: SWSW 31 T22N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
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0-49	Alluvium - tan, sandy silt with small angular to subangular gravels of volcanics and minor cherts and limestones. Too damp to drill dry at 9m. Predominantly gravels up to 10cm in upper 8m.
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49-76	Welded Crystal Tuff - pink, hard, brittle, fine tuffaceous to aphanitic groundmass with 10-20% phenocrysts of biotite (1-3mm), clear anhedral quartz (1-3mm), feldspars (mostly altered) and trace of magnetite and hornblende. Considerable oxidation of magnetite and some biotite, and red iron staining along small fractures. Appears to be pervasively fractured. 20-30% of sample consists of uphole sluff.
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76-84	Crystal Tuff - as above, except poorly, or non-welded, predominantly lt. gray to lt. pink.
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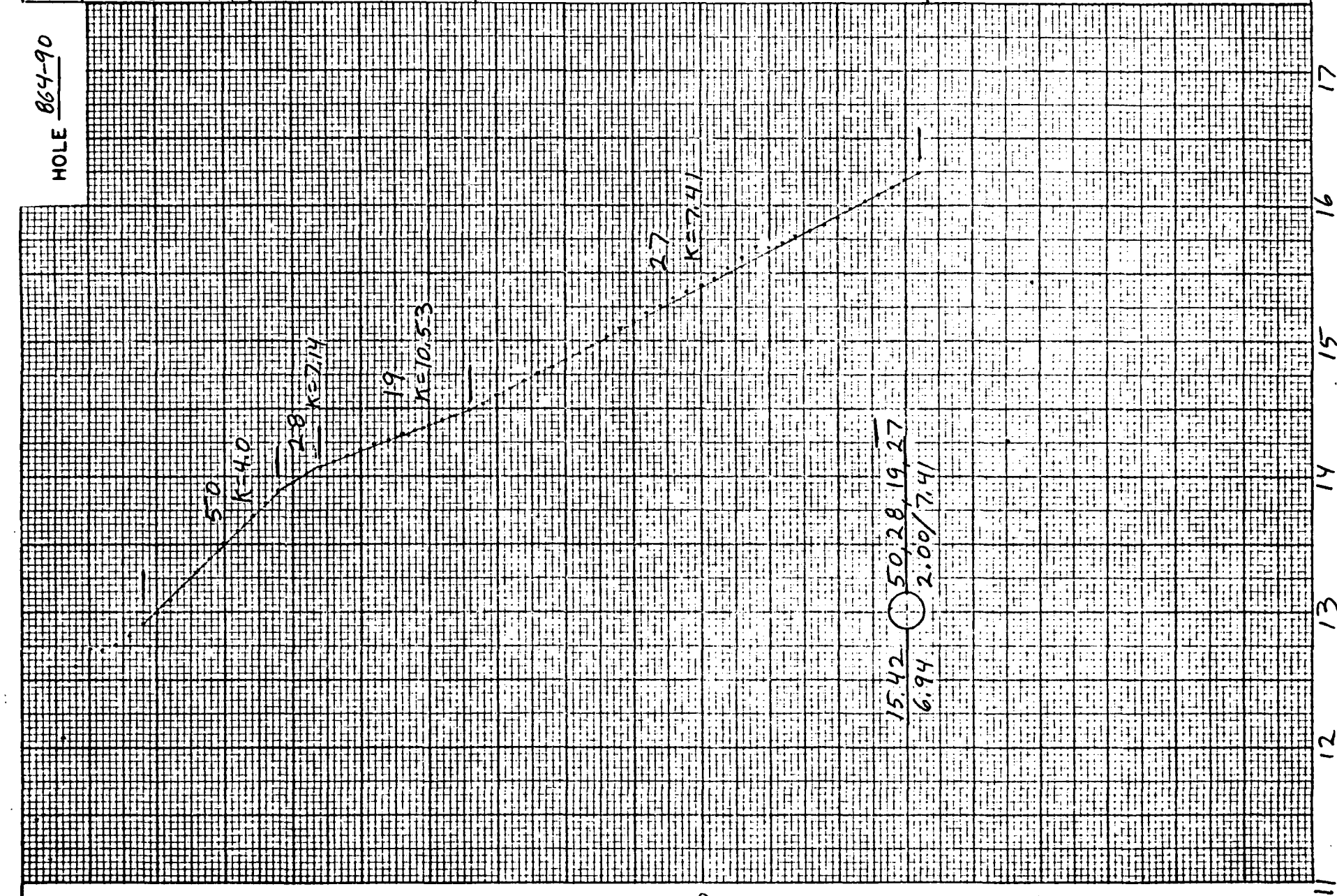
84-95	Crystal Tuff - non-welded, soft tuffaceous matrix washes out of cuttings leaving anhedral clear quartz, biotite, feldspars and lithic fragments.
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HOLE 864-90

Latite
Tuff
VI
LTHMIC
Tuff
V.I
XI
Tuff

Chert
Fanglomerate

Calcareous siltstone



DEPTH
METERS
120
130
140
150

TEMPERATURE °C

Date Logged: 05-23-81AT Well No. 864-90

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0	153.457 _f	13.37					Qa1
2	142.061 _s	11.47					
4	143.45	11.17					
6	139.291 _s	12.08	0.91	455			
8	136.93	12.60	0.52	260			Latite TUFF
10	136.43	12.71	0.11	55			
12	136.37	12.72	0.08	5			
14	136.20	12.76	0.04	20			
16	135.89	12.83	0.07	35			XI - Lithic TUFF
18	135.53	12.91	0.09	45			
20	135.12	13.00	0.09	45			
22	134.71	13.09	0.09	45			
24	134.28	13.19	0.10	50			
26	133.81	13.29	0.10	50			ViTrophyne
28	133.33	13.40	0.11	55			XI-TUFF
30	132.85	13.51	0.11	55			
32	132.40	13.61	0.10	50			
34	131.96	13.71	0.10	50			
36	131.53	13.81	0.10	50			Chert (Fanglomerate)
38	131.12	13.90	0.09	45			
40	130.80	13.97	0.07	35			
42	130.59	14.02	0.05	25			
44	130.38	14.07	0.05	25			
46	130.19	14.11	0.04	20			
48	130.01	14.15	0.04	20			
50	129.83	14.20	0.05	25			
52	129.66	14.24	0.04				

K=conductivity

Date Logged: 05/23/81AT Well No. 864-90

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
54	129.50	14.27	0.03	15			
			0.04	20			
56	129.33	14.31					
			0.03	15			
58	129.18	14.34					
			0.04	20			
60	129.03	14.38					
			0.04	20			
62	128.86	14.42					
			0.03	15			
64	128.72	14.45					
			0.04	20			
66	128.56	14.49					
			0.05	25			Calcareous Siltstone
68	128.35	14.54					
			0.06	30			
70	128.06	14.60					
			0.05	25			
72	127.86	14.65					
			0.05	25			
74	127.63	14.70					
			0.06	30			
76	127.40	14.76					
			0.05	25			
78	127.17	14.81					
			0.05	25			
80	126.94	14.86					
			0.05	25			
82	126.72	14.91					
			0.06	30			
84	126.46	14.97					
			0.06	30			
86	126.23	15.03					
			0.06	30			
88	125.98	15.09					
			0.06	30			
90	125.72	15.15					
			0.06	30			
92	125.48	15.21					
			0.05	25			
94	125.24	15.26					
			0.06	30			
96	125.00	15.32					
			0.05	25			
98	124.80	15.37					
			0.05	25			
100	124.58	15.42					
			0.05	25			
102	124.35	15.47					
			0.07	35			
104	124.05	15.54					
			0.08	40			
106	123.71	15.62					

K=Conductivity

Date Logged: 05/23/81

AT Well No. 864-90

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
108	123.70 123.44	15.69	0.07	35			Calcareous siltstone
110	123.42	15.69	0.00	0			
112	123.28	15.73	0.04	20			
114	123.09	15.77	0.04	20			
116	122.87	15.82	0.05	25			
118	122.70	15.86	0.04	20			
120	122.45	15.92	0.06	30			
122	122.22	15.98	0.06	30			
124	122.00	16.03	0.05	25			
126	121.81	16.08	0.05	25			
128	121.58	16.13	0.05	25			
130	121.36	16.19	0.06	30			
132	121.15	16.24	0.05	25			
133 ~ 134	121.10	16.25	?				
136							
138							
140							
142							
144							
146							
148							
150							
152							
154							
156							
156							
160							

K=Conductivity

LITHOLOGIC LOG

Project: McCoyHole: 864-90Elevation: 5720Date Drilled: 3-27-81Location: NWNW 32 T22N R40EMethod: rotary airGeologist: Deymonaz

Gamma: _____

Depth (m)	Description
0- 9	Alluvium - med-brown, sandy silt with subrounded to subangular gravels of latitic volcanics, siltstones, and limestones.
9- 15	Latite Tuff - red to lt.-gray, argillized and less commonly silicified. 5-10% phenocrysts of clear tabular sanidine, squarish clear to milky k-spar, and minor biotite and quartz in tuffaceous matrix. Trace of small lithic fragments of volcanic rock and black siltstone. Some samples contain sufficient quartz to be classified as rhyolite.
15- 25	Crystal-Lithic Tuff - white, firm to hard, 5-15% xls of clear anhedral quartz (much of quartz has pale pink hue) 2-5mm, fresh appearing black to green chloritized biotite, 0.5-2.0mm, and small rounded to subangular dk. gray to lt. gray lith fragments of volcanics and black siltstones, in mottled white to pale greenish aphanitic groundmass. Minor small clear quartz filled fractures. White mottled appearance due to pseudomorphs of feldspars and/or altered pumice fragments.
25- 28	Virtrophyre - black, glassy, with 50-75% large phenocrysts (2-5mm) of clear anhedral quartz, black euhedral biotite and clear to white fresh to altered feldspars in black glassy groundmass. Possibly base of above unit.
28- 34	Xl-Tuff - lt.-med-gray, soft argillized tuffs. 5-10% xls of quartz and altered biotite and feldspars. 2-5% small aphanitic lithic fragments.
34- 67	Chert (Fanglomerate?) - buff to lt. greenish-gray and pale red, finely granular chert. Color varies considerably in each sample. Some rounded weathered surfaces observed. May be fairly well indurated fanglomerate (penetration 80-100 ft/hr with mill tooth bit and air). Cherts are commonly fractured and iron-stained, minor thin manganese deposits along fractures.
67-137	Calcareous Siltstone - black, effervescence vigorously in HCl. Minor small veins (1-3mm) of clear to white calcite. Trace of small (0.1-0.5mm) disseminated pyrite. Firm to hard, drills easily with mill tooth bit (60-80 ft/hr) and commonly breaks along poorly defined laminations.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-92

Property-Project MC COY. - 864 Depth Logged 83.3 meters
 Map MT. AIRY NW Scale 7.5' Date: Drilled 4/6/81 Logged 05/28/81
 State NEV. County LANDER of SE of SE of Sec 3 T21N R 40E
 Instrument SPAFFORD #46 Operator MRL AJERY Elevation 6080 (ft/m)
 Comments SECOND LOGGING OF THIS HOLE.

JUSTIFY
Card A

Date Logged

Proj No	Well No	DA	MO	YR	*
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 71 72 73 74 75 76 77 78 79 80			
864	9228	05	08	81	C M

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description	Operator	Editor	DA	MO	YR
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 71 72 73 74 75 76 77 78 79 80				
4.9 KM N-NW OF PETERSON MINE	MAA	JED	06	04	81

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

Card B

Map Location **

Scale Unit	Map Size	N Lat	W Long
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 71 72 73 74 75 76 77 78 79 80		
CM	7.5	39.37.5	117.30.0

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

Use decimals

Northing	Easting	Elev
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 71 72 73 74 75 76 77 78 79 80	
39.49	14.58	6080

Write M if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
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 71 72 73 74 75 76 77 78 79 80		
20.0	46.0		

Best cond. (-K) - Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
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			
		46.0	83.0 - 5.0 = -5.0

Segment 3

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
999

Segment 4

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

Segment 5

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

Segment 6

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

Segment 7

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

Segment 8

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

Segment 9

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

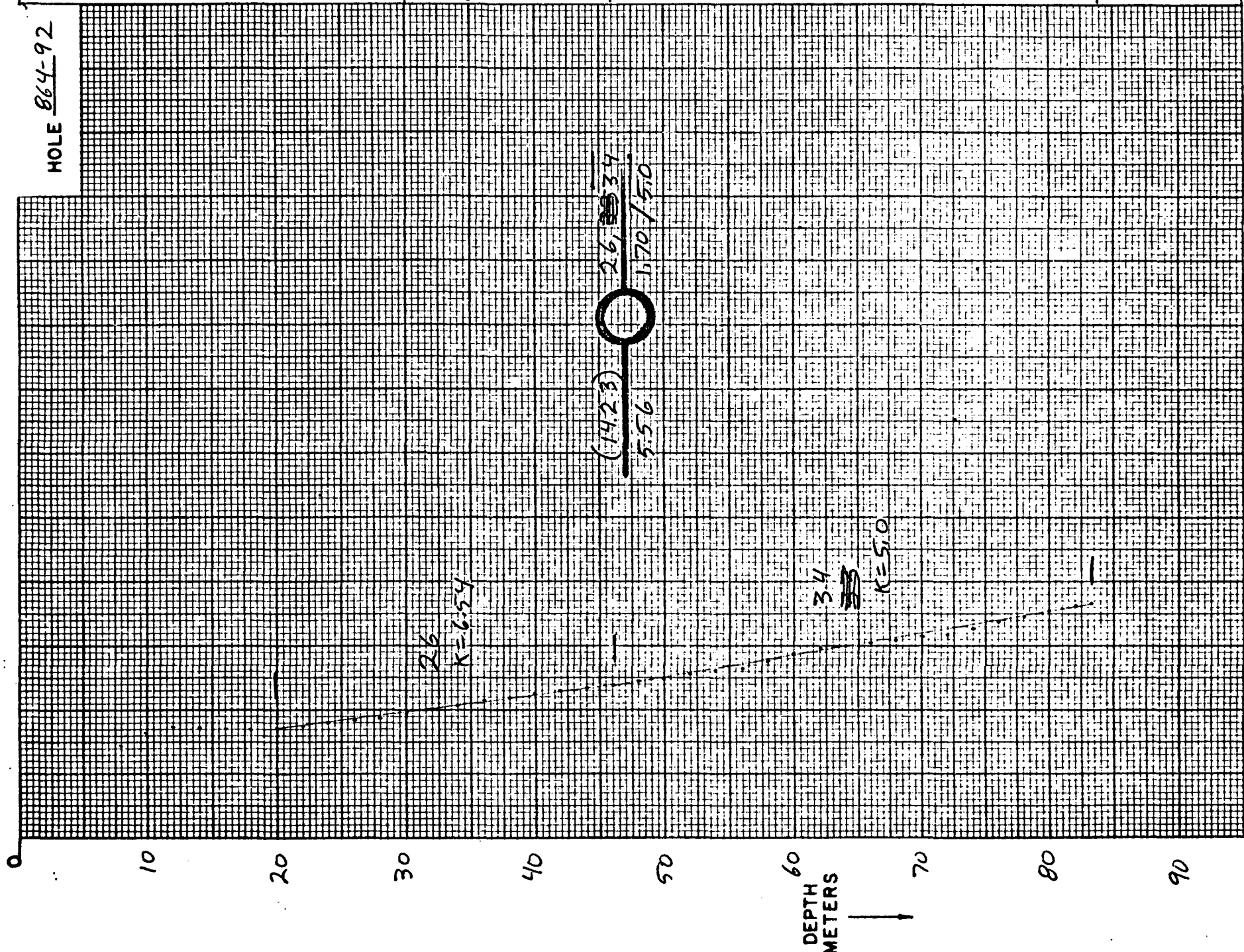
Segment 10

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

After final segment

Unconsolidated seds Fan glomerate Tuffs

HOLE 864-92



(14.23)
5.56
2.6, 3.4
1.70 / 5.0

26
K=6.54

3.4
K=5.0

DEPTH
METERS

10 11 12 13 14 15 16 17 18 19 20 21 22 23

TEMPERATURE °C

Date Logged: 05/28/81AT Well No. 864-92

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	<u>H₂O</u> Air	Lithology, etc.
0							
2							
4							
6							
8	142.11 $\uparrow_{0.5}$	11.46					
10	141.16	11.67	.21	105			
12	140.88	11.73	.06	30			
14	140.94	11.72	-.01	-5			
16	140.97	11.71	-.01	-5			
18	141.00	11.70	-.01	-5			
20	140.92	11.72	.02	10			
22	140.73	11.76	.04	20			
24	140.57	11.80	.04	20			
26	140.39	11.84	.04	20			
28	140.19	11.88	.07	35			
30	139.86	11.95	.07	35			
32	139.53	12.02	.06	30			
34	139.29	12.08	.06	30			
36	139.00	12.14	.06	30			
38	138.79	12.19	.06	30			
40	138.49	12.25	.05	25			
42	138.28	12.30	.04	20			
44	138.07	12.34	.06	30			
46	137.81	12.40	.05	25			
48	137.60	12.45	.04	20			
50	137.40	12.49	.06	30			
52	137.15	12.55	.06	30			

K=conductivity

Date Logged: 05/28/81

ΔT Well No. 864-92

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
54	136.92	12.55 12.60	.05	25			
56	136.65	12.66	.06	30			
58	136.25	12.75	.09	45			
60	135.60	12.89	.14	70			
62	135.25	12.97	.08	40			
64	135.07	13.01	.04	20			
66	134.91	13.04	.03	15			
68	134.69	13.09	.05	25			
70	134.49	13.14	.05	25			
72	134.32	13.18	.04	20			
74	133.84	13.28	.10	50			
76	133.39	13.39	.11	55			
78	133.01	13.47	.08	40			
80	132.67	13.55	.08	40			
82	132.36	13.62	.07	35			
83	132.18	13.66					
84							
85							
86							
87							
88							
89							
90							
91							
92							
93							
94							
95							
96							
97							
98							
99							
100							

K=Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-92

Elevation: 6080

Date Drilled: 4-6-81

Location: SESE 3 T21N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-30	Alluvium - tan, sandy-silt with angular to subangular gravels of chert, volcanics and limestone.
30-46	Fanglomerate - tan to red cherts with considerable variation within each sample, much iron-staining along fractures. 5-20% fine siliceous sandstones. 10-50% of sample volcanics and cherts, probably from upper 30m of hole. Increasing amounts of tuffs below 40m.
46-82	Tuff - reddish-brown, firm to hard, matrix material argillic alteration to montmorillonite clays. 20-25% small (0.5-1.0mm) xls of white to clear tabular plagioclase altered to clays, and an undetermined amount of small quartz grains. Trace of large biotite phenocrysts and small magnetite. Manganese deposition on some small tight fractures. Tuff increasing in sample from below 46m to 61m where it comprises about 80% of sample.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-93

Property-Project MCCOY - 864 Depth Logged 80 meters
 Map MOUNT AIRY NW Scale 7.5 Date: Drilled 4-7-81 Logged 05/28/81
 State NEV. County LANDER of SW of NW of Sec 35 T23 N R 40 E
 Instrument STAFFORD # 46 Operator MARK AVERY Elevation 6030 (ft)
 Comments SECOND LOGGING OF THIS AT HOLE.

JUSTIFY

Card A

Proj No		Well No		Date Logged		DA		MO		YR			
1	2	3	4	5	6	7	8	9	10	11	12		
13	14	15	16	17	18	19	20						
*19-Write F if Fahrenheit, 20-Write F if Feet													
Site Description													
Operator													
Editor													
DA		MO		YR		Drilled		DA		MO		YR	
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		

Card B

Scale Unit IN CM

Map Size (7.5, 15, 60)

Map Location **

N Lat Degree 37.5 Min 37.5

W Long Degree 117.0 Min 30.0

Use decimals

Northing 49.25 Easting 16.60 Elev 6030

Use decimals

Write M if meters

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

Segment	Start	End	Conductivity K	ΔK	Best cond. (-K)	Downward extrapolations (-ΔK)
Segment 1	16.0	26.0				
Segment 2	26.0	42.0				
Segment 3	42.0	70.0				
Segment 4	70.0	80.0			-4.5	-7.5
Segment 5	999					
Segment 6						
Segment 7						
Segment 8						
Segment 9						
Segment 10						

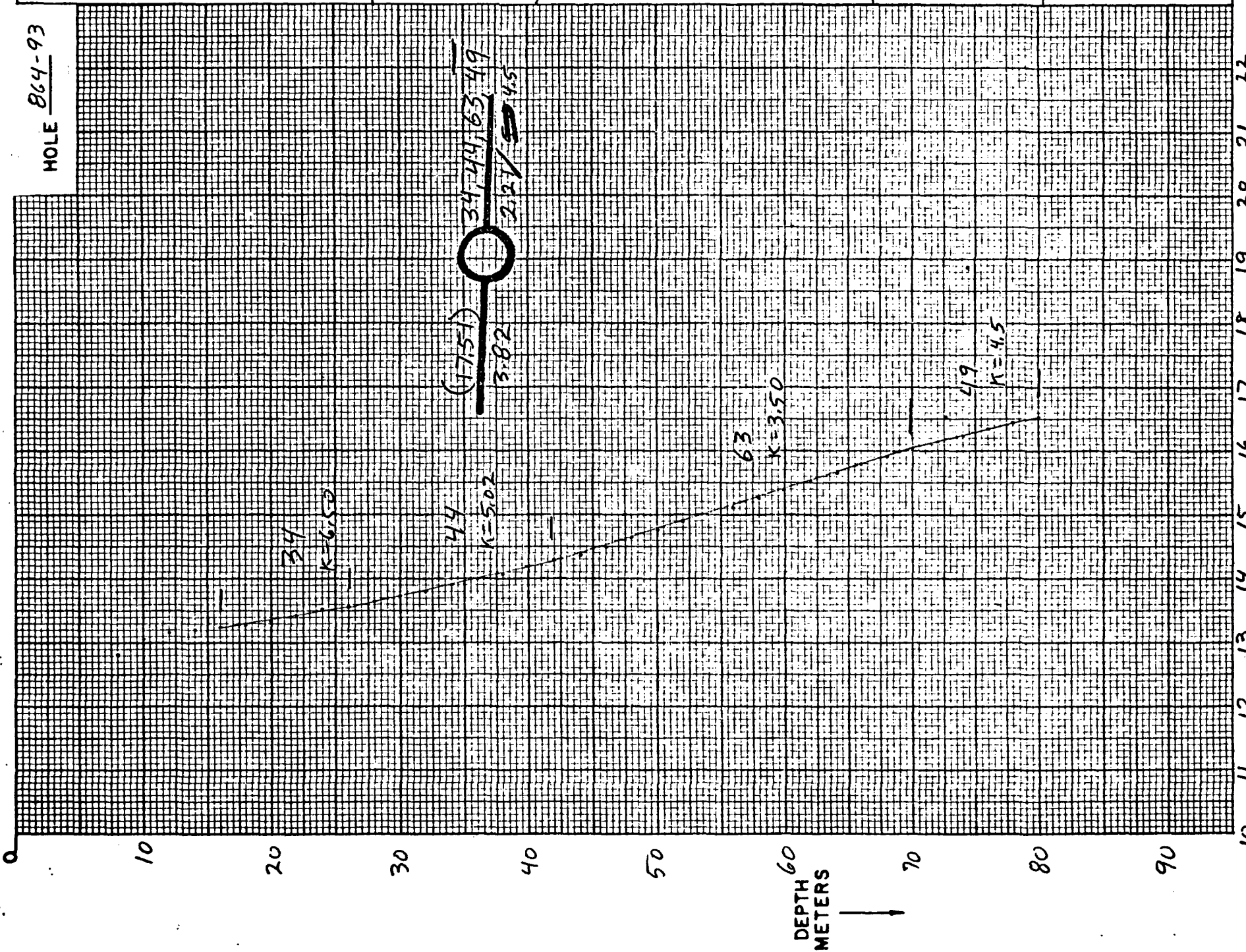
After final segment Start = 999

HOLE 864-93

Seds

Sediments/or Xl Tuffs.

Tuff



TEMPERATURE °C

DEPTH METERS

Date Logged: 05/28/81

AT Well No. 864-93

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	136.02 ↑s	12.80					
10	134.82	13.06	0.26	130			
12	134.35	13.17	.11	55			
14	134.19	13.21	.04	20			
16	134.04	13.24	.03	15			
18	133.87	13.28	.04	20			
20	133.56	13.35	.07	35			
22	133.19	13.43	.08	40			
24	132.84	13.51	.08	40			
26	132.51	13.58	.07	35			
28	132.19	13.66	.08	40			
30	131.84	13.74	.08	40			
32	131.52	13.81	.07	35			
34	131.11	13.90	.09	45			
36	130.73	13.99	.09	45			
38	130.35	14.08	.09	45			
40	129.85	14.19	.11	55			
42	129.42	14.29	.10	50			
44	129.04	14.38	.09	45			
46	128.49	14.50	.12	60			
48	127.86	14.65	.15	75			
50	127.28	14.78	.13	65			
52	126.80	14.90	.12	60			

K = Conductivity

Date Logged: 05/22/81

AT Well No. 864-93

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	^{H₂O} ATR	Lithology, etc.
54	126.32	14.90 15.01	.11	55			
56	125.83	15.12	.11	55			
58	125.20	15.27	.15	75			
60	124.66	15.40	.13	65			
62	124.11	15.53	.13	65			
64	123.57	15.66	.13	65			
66	123.02	15.79	.13	65			
68	122.47	15.92	.12	60			
70	121.99	16.04	.12	60			
72	121.48	16.16	.10	50			
74	121.07	16.26	.10	50			
76	120.66	16.36	.09	45			
78	120.27	16.45	.08	40			
80	119.93	16.53					
82							
84							
86							
88							
90							

80 m.

K=Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-93

Elevation: 6030

Date Drilled: 4-7-81

Location: SWNW 35 T23N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-28	Alluvium - tan, silt with angular gravels of sandstone, chert and volcanics. Increasing chert and sandstone with depth, possibly fanglomerate.
28-67	Alluvium/Crystal Tuffs - red to yellow-brown crystal tuffs in increasing amounts mixed with alluvium as above.
67-75	Crystal Tuff - med. gray to red to yellow-brown and firm as above. Altered groundmass of tuffaceous material and 10-15% crystals of altered feldspars and minor quartz, mostly less than 1mm. Minor large biotite, common manganese deposition along fractures, rare small magnetite.
75-80	Tuff - lt. gray, firm, brittle, granular mass of tuffaceous material and small (<0.5mm) crystals of quartz and altered feldspars with rare small biotite and magnetite. Manganese common along small fractures.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No. 864-94

Property-Project MC 04 - 864 Depth Logged 83.7
 Map MT. AIRY NW Scale 7.5' Date: Drilled 4-7-81 Logged 05/28/81
 State NEV. County LANDER of of NW of NE of Sec 26 T22N R 40E
 Instrument STAFFORD # 46 Operator MARK AVERY Elevation 5830 (ft/m)
 Comments SECOND LOGGING OF THIS ST HOLE.

JUSTIFY

Card A

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20				
864	9423	05	08	81

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description																																								Operator					Editor			DA			MO			YR		
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	71 72 73 74 75	76 77 78 79 80	81 82 83 84 85	86 87 88	89 90 91																																														
9.2 KM N OF PETERSON MINE																																								MAA					JED			07			04			81		

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

Card B

Map Location **

Scale Unit	Map Size	N Lat	W Long
IN CM	(7.5, 15, 60)	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		Degree	Min
CM	7.5	39.37	117.30

Use decimals

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	57.50															20.05															5830									

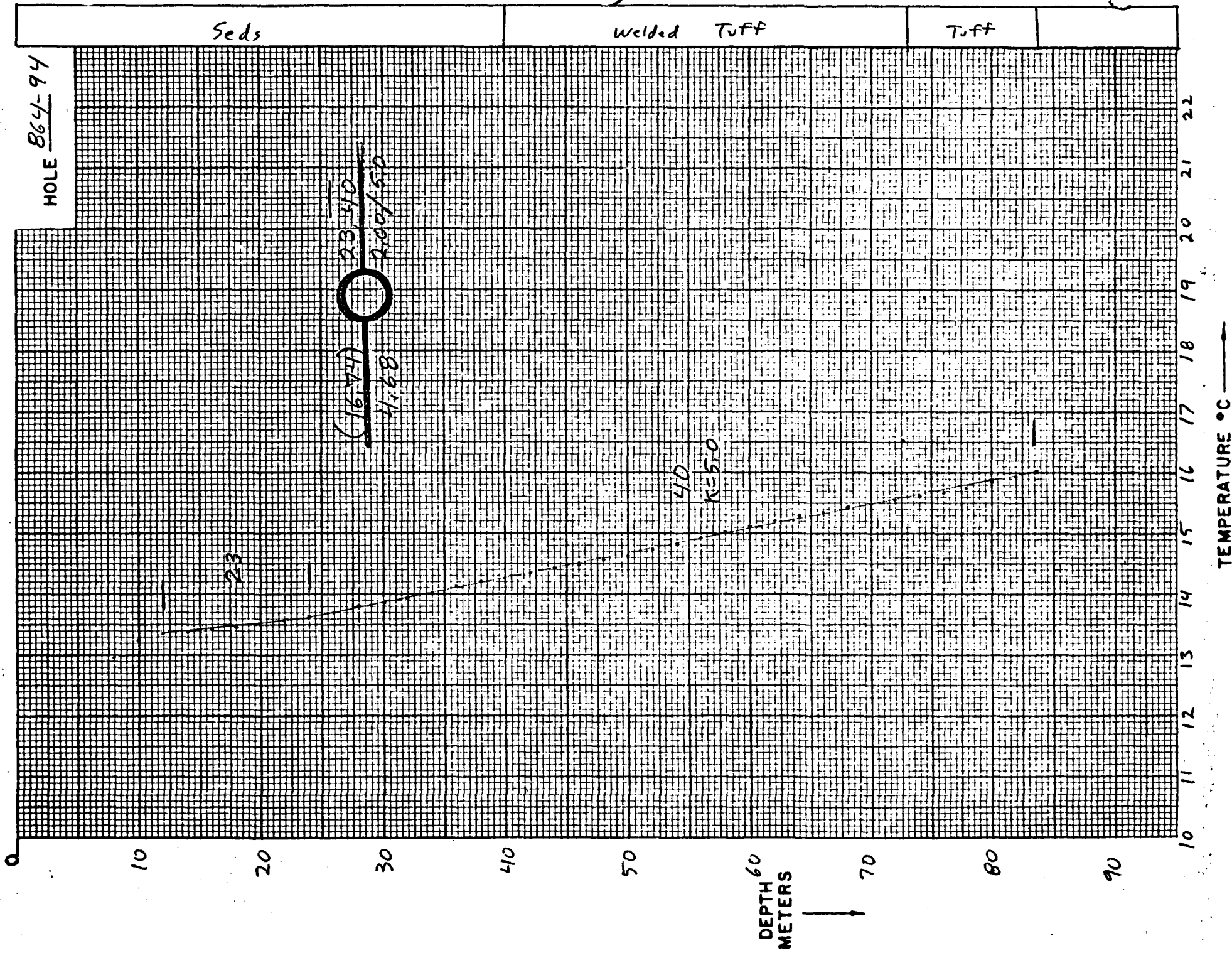
Use decimals

Write M if meters

Segment 1 = Depths	Start	End	Conductivity K	ΔK	Best cond. (-K)
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	12.0	24.0			
Segment 2	Start	End	K	ΔK	
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	24.0	84.0	-5.0	-1.5	
Segment 3	Start	End	K	ΔK	
999					
Segment 4	Start	End	K	ΔK	
Segment 5	Start	End	K	ΔK	
Segment 6	Start	End	K	ΔK	
Segment 7	Start	End	K	ΔK	
Segment 8	Start	End	K	ΔK	
Segment 9	Start	End	K	ΔK	
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					
Segment 10	Start	End	K	ΔK	
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					

After final segment

Start = 999



TEMPERATURE °C

DEPTH METERS

Date Logged: 05/28/81

AT Well No. 864-94

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
2							
4							
6							
8	135.33	12.95	.31	155			
10	133.95	13.26	.10	50			
12	133.51	13.36	.02	10			
14	133.40	13.38	.04	20			
16	133.23	13.42	.04	20			
18	133.05	13.46	.06	30			
20	132.80	13.52	.05	25			
22	132.56	13.57	.06	30			
24	132.29	13.63	.07	35			
26	131.98	13.70	.10	50			
28	131.57	13.80	.06	30			
30	131.28	13.86	.07	35			
32	130.97	13.93	.09	45			
34	130.60	14.02	.09	45			
36	130.22	14.11	.08	40			
38	129.87	14.19	.107	35			
40	129.54	14.26	.08	40			
42	129.18	14.34	.08	40			
44	128.87	14.42	.07	35			
46	128.57	14.49	.07	35			
48	128.24	14.56	.06	30			
50	127.93	14.63	.10	50			
52	127.52	14.73					

K=Conductivity

Date Logged: 05/28/81

ΔT Well No. 864-94

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	<u>H₂O</u> ATR	Lithology, etc.
54	127.11	14.82	.10	50			
56	126.70	14.92	.11	55			
58	126.24	15.03	.08	40			
60	125.84	15.12	.09	45			
62	125.45	15.21	.08	40			
64	125.13	15.29	.07	35			
66	124.81	15.36	.07	35			
68	124.53	15.43	.06	30			
70	124.27	15.49	.06	30			
72	124.01	15.55	.07	35			
74	123.74	15.62	.06	30			
76	123.46	15.68	.08	40			
78	123.15	15.76	.08	40			
80	122.81	15.84	.10	50			
82	122.40	15.94	.08	~~~~~			
7 84	122.06	16.02	.08	~~~~~			
86							
88							
90							
92							
94							
96							
98							
100							

K=Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-94

Elevation: 5830

Date Drilled: 4-7-81

Location: NWNE 26 T22N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-40	Alluvium - tan, sandy silt with angular gravels of chert with lessor amounts of limestones, quartzites, volcanics and fine argillaceous sandstones.
40-73	Qtz Latite Welded Tuff - hard, lt. gray to lt. pink, aphanitic tuffaceous matrix with 15-25% phenocrysts of altered feldspars, quartz, minor magnetite and rare biotite. Common manganese staining along small tight fractures. Color becoming more pink with depth.
73-82	Tuff - firm, pink similar to above except 5-10% phenocrysts.

AMAX EXPLORATION, INC.
TEMPERATURE/DEPTH LOG

AT Well No. 864-95

Property-Project MCCOY - 864 Depth Logged 77.1 meters
 Map GILBERT CREEK SW Scale 7.5' Date: Drilled 4-7-81 Logged 05/28/81
 State NEV. County BLANDER of NE of NE of Sec 14 T22N R40E
 Instrument SPAFFORD #46 Operator MARK PERRY Elevation 5500 (m)
 Comments SECOND & FINAL LOGGING OF THIS AT HOLE.

JUSTIFY Card A

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20					
864	9528	05	05	81	CM

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description	Operator	Editor	DA	MO	YR
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				
4.3 KM E-SE OF WELLS 25-9	MAA	JED	07	04	81

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

Card B

Map Location **

Scale Unit	Map Size	N Lat	W Long
IN CM	(75, 15, 60)	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		Degree	Min **
CM	7.5	39.45	117.30

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

Use decimals

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		
13.60	21.70	5500

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
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			
24.0	50.0		

Best cond. (-K)
Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
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			
50.0	76.0	4.09	-1.5

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

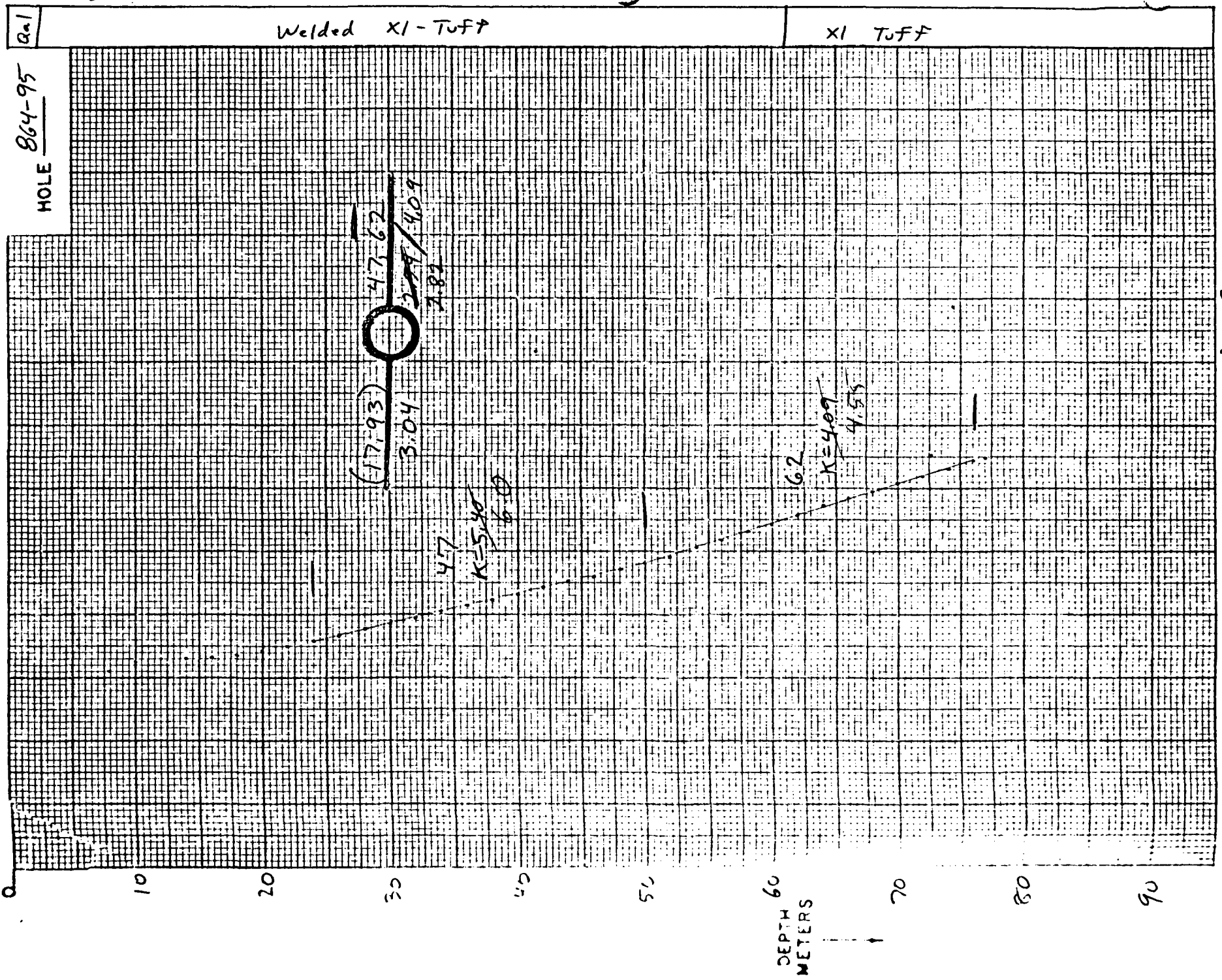
Segment 9

Segment 10

After final segment

Start →

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



Date Logged: 05/28/81

ΔT Well No. 864-95

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	^{H₂O} Air	Lithology, etc.
0							
2							
4							
6							
8	134.66 ¹	13.10					
10	133.99	13.25	.15	75			
12	133.81	13.29	.04	20			
14	133.77	13.30	.01	5			
16	133.70	13.32	.02	10			
18	133.48	13.37	.05	25			
20	133.19	13.43	.06	30			
22	132.87	13.50	.07	35			
24	132.47	13.59	.09	45			
26	132.07	13.68	.09	45			
28	131.67	13.78	.10	50			
30	131.28	13.86	.08	40			
32	130.87	13.96	.10	50			
34	130.45	14.05	.09	45			
36	130.08	14.14	.09	45			
38	129.66	14.23	.09	45			
40	129.28	14.32	.09	45			
42	128.85	14.42	.10	50			
44	128.42	14.52	.10	50			
46	128.08	14.60	.08	40			
48	127.57	14.72	.12	60			
50	127.13	14.82	.10	50			
52	126.65	14.93	.11	55			

K=Conductivity

Date Logged: 05/28/81

AT Well No. 864-95

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
54	126.05	15.07					
			.11	55			
56	125.57	15.18					
			.13	65			
58	125.05	15.31					
			.12	60			
60	124.51	15.43					
			.14	70			
62	123.94	15.57					
			.15	75			
64	123.32	15.72					
			.12	60			
66	122.80	15.84					
			.13	65			
68	122.27	15.97					
			.11	55			
70	121.79	16.08					
			.12	60			
72	121.32	16.20					
			.12	60			
74	120.80	16.32					
			.12	60			
76	120.30	16.44					
			.04	~~~~~ Bottom out. ~~~~~			
78	120.15	16.46					
80							
82							
84							
86							
88							
90							
92							
94							
96							
98							
100							

ivity

LITHOLOGIC LOG

Project: McCoyHole: 864-95Elevation: 5500Date Drilled: 4-7-81Location: NENE 14 T22N R40EMethod: rotary airGeologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-2.5	Alluvium - tan, sandy silt with angular gravels (3mm-5cm) of intermediate volcanics, black limestones and minor cherts.
2.5-61	Welded Crystal Tuff - quartz latite, hard, lt. pink aphanitic matrix with phenocrysts (1-4mm) of quartz, k-spar, and altered plagioclase comprising 15-30% of rock. Rare biotite, magnetite and hornblende. Common manganese deposition along small tight fractures. Rare, small lithic fragments.
61-79	Crystal Tuff - lt. gray to pink, firm-hard, groundmass of tuffaceous material, and small lithic fragments and quartz grains (<0.5mm). 15% large biotite phenocrysts (2-5mm) and smaller, altered feldspars, often apple green and translucent. Trace of magnetite.

AMAX EXPLORATION, INC.
TEMPERATURE/DEPTH LOG

AT Well No. 864-96

Property-Project MCCOY - 864 Depth Logged 96 meters
 Map GILBERT CREEK SW Scale 7.5' Date: Drilled 4-5-81 Logged 05/27/81
 State NEV. County LANDER of NE of NW of Sec 11 T 22N R 40E
 Instrument SPATFOR # 46 Operator MARY ANEY Elevation 5350 (m)
 Comments SECOND AND FINAL BT LOG

JUSTIFY

Card A

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	864	96	27	05	81 CM

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description

Operator	Editor	DA	MO	YR
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	3.5 KM E-NE OF HOLE 25-9	MAA	JED	05/27/81

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

Card B

Map Location **

Scale Unit IN CM Map Size (75, 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	CM	7.5	39.45	117.30
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Use decimals

Northring 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	20.1	18.19	5350	F
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Use decimals

Write M if meters

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

Segment 1 = Depths

Start	End	Conductivity K	ΔK	Best cond. (-K)	Downward extrapolations (-ΔK)
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	22.0	38.0			

Segment 2

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	38.0	96.0	-6.5	-.5
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Segment 3

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	.999			
---	------	--	--	--

Segment 4

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				
---	--	--	--	--

Segment 5

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				
---	--	--	--	--

Segment 6

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				
---	--	--	--	--

Segment 7

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				
---	--	--	--	--

Segment 8

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				
---	--	--	--	--

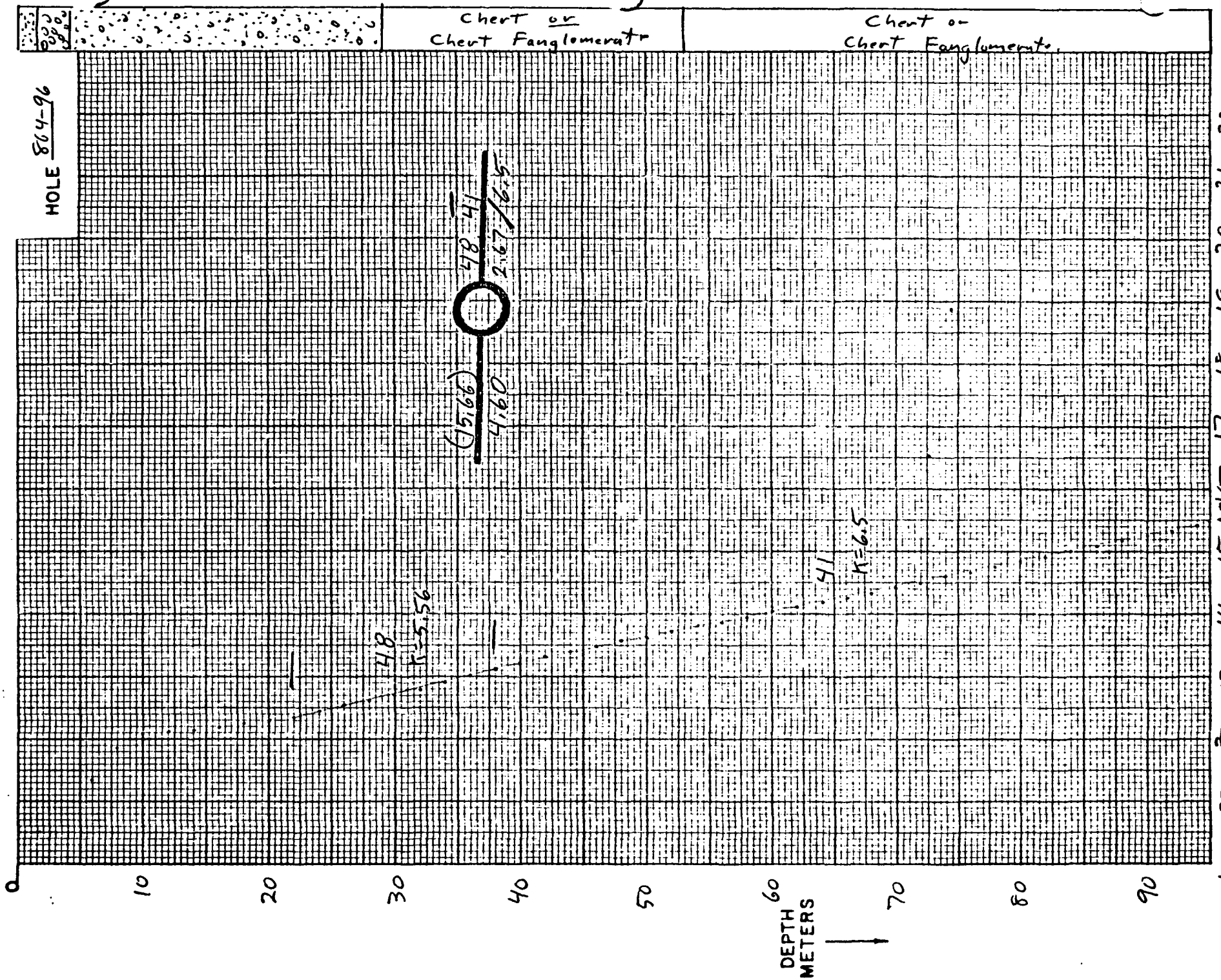
Segment 9

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				
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Segment 10

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				
---	--	--	--	--

After final segment



HOLE 864-96

Chert or
Chert Faglomerate

Chert or
Chert Faglomerate

478 41

2.67/6.5

(51.66)

4.60

418

1.56

51

1.65

DEPTH
METERS

TEMPERATURE °C

10

20

30

40

50

60

70

80

90

10

11

12

13

14

15

16

17

18

19

20

21

22

Date Logged: 05/27/81

AT Well No. 864-96

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	^{H₂O} Air	Lithology, etc.
0							
2							
4							
6	142.70	11.34					
8	140.24	11.87	.53	240			
10	139.29	12.08	.21	240 105			
12	139.08	12.12	.04	20			
14	138.99	12.14	.02	10			
16	138.83	12.18	.04	20			
18	138.55	12.24	.06	30			
20	138.28	12.30	.06	30			
22	138.00	12.36	.06	30			
24	137.56	12.46	.10	50			
26	137.23	12.53	.07	35			
28	136.87	12.61	.08	40			
30	136.44	12.70	.09	45			
32	136.06	12.79	.09	45			
34	135.56	12.90	.11	55			
36	135.07	13.01	.11	55			
38	134.51	13.13	.12	60			
40	134.10	13.23	.10	50			
42	133.72	13.31	.08	40			
44	133.31	13.40	.09	45			
46	132.94	13.49	.09	45			
48	132.55	13.58	.09	45			
50	132.22	13.63	.05	25			
52	131.87	13.73	.10	50			

V-Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-96

Elevation: 5350

Date Drilled: 4-5-81

Location: NENW 11 T22N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-1.5	Alluvium - tan, sandy-silt with minor angular gravels of chert, limestone and volcanics.
1.5-4	Gravels - angular to subangular gravels of cherts, volcanics and limestone. Dry poorly consolidated.
4-29	Alluvium - as in 0-1.5m (hole very dry to 29m).
29-53	Chert or Fanglomerate - lt. greenish-gray, gray and red cherts pervasively fractured and iron-stained, considerable variation within each sample, very similar to fanglomerate material in 864-92.
53-95	Chert or Fanglomerate - as above, except predominately lt. gray and reddish.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 864-97

Property-Project MC COY - 864 Depth Logged 96 meters

Map GILBERT CREEK Scale 7.5" Date: Drilled 4-6-81 Logged 05/27/81

State NV. County LANDER, of NW of SW of Sec 35 T23N R 40E

Instrument SPAFFORD # 46 Operator MARK AVERY Elevation 5260 (m)

Comments second (and final) log

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20				
864	9727	05	81	CM

*19-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 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	6.3 KM NE OF HOLE 25-9																																																		MAA					JED					06			04			81		

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

Map Location **

Scale Unit	Map Size	N Lat	W Long
IN CM	(7.5, 15, 60)	Degree	Min Degree
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	7.5	39.45	117.30

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

Card B

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	28.51															26.85															260									

Use decimals

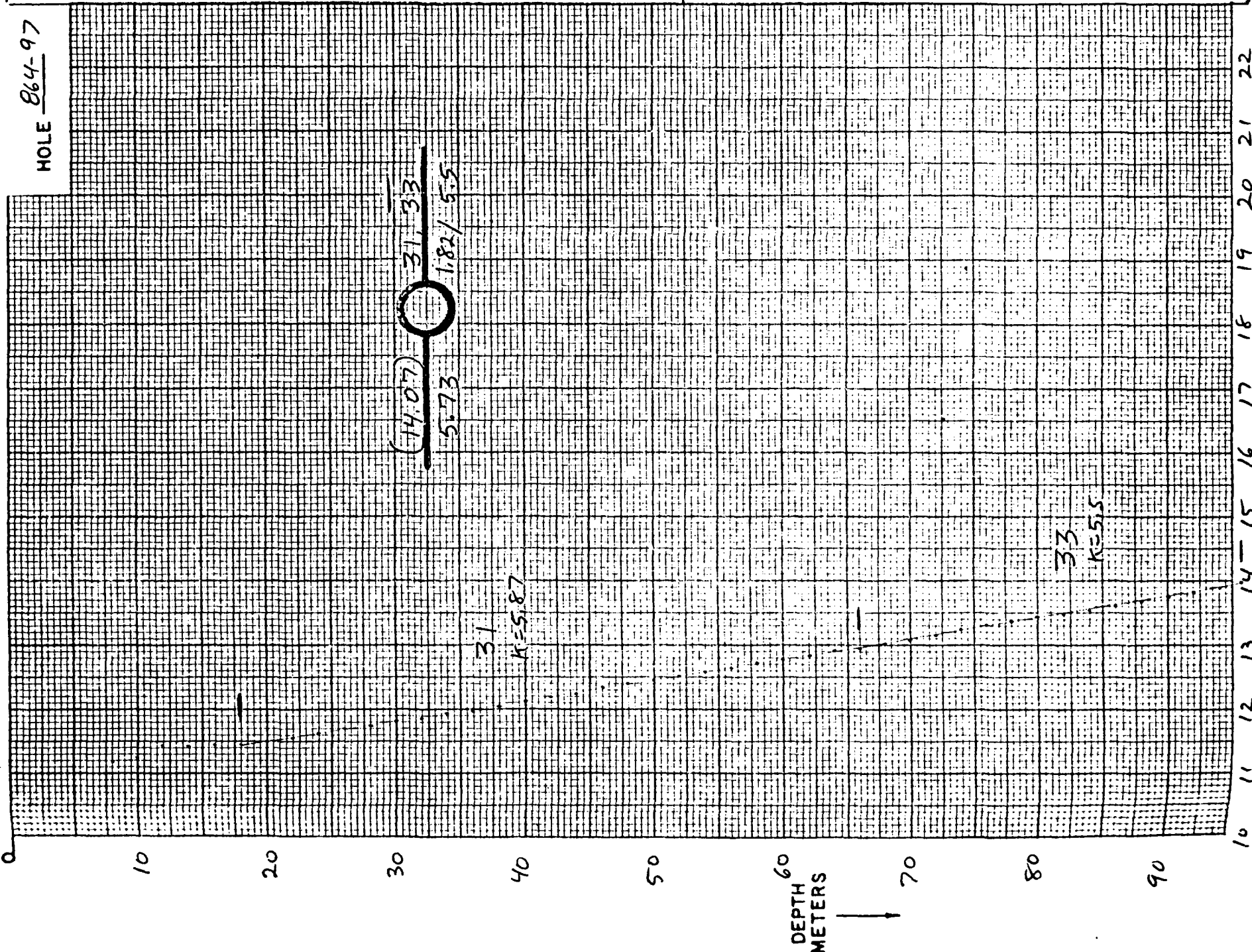
Write M if meters

Segment 1 = Depths	Start	End	Conductivity K	ΔK	Best cond. (-K)
	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	18.0	66.0		
Segment 2	Start	End	K	ΔK	
Segment 3	Start	End	K	ΔK	
Segment 4	Start	End	K	ΔK	
Segment 5	Start	End	K	ΔK	
Segment 6	Start	End	K	ΔK	
Segment 7	Start	End	K	ΔK	
Segment 8	Start	End	K	ΔK	
Segment 9	Start	End	K	ΔK	
Segment 10	Start	End	K	ΔK	
After final segment	Start	End	K	ΔK	

Start = 000

Unconsolidated Sediments Welded Tuff Tec

HOLE 864-97



(14.07) 31.33
5.73 1.82 / 5.5

31
K=5.87

33
K=5.5

DEPTH
METERS

TEMPERATURE °C

Date Logged: 05/27/81

ΔT Well No. 864-97

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O ATR	Lithology, etc. (cuttings in EIKo)
0	143.3						
2							
4							
6							
8	143.39	11.19	.15	75			
10	142.69	11.34	.07	35			
12	142.96	11.41	.01	5			
14	142.30	11.42	-.02	10			
16	142.23	11.44	-.02	10			
18	142.12	11.46	.04	20			
20	141.93	11.50	.07	35			
22	141.63	11.57	.05	25			
24	141.38	11.62	.08	40			
26	141.02	11.70	.06	30			
28	140.72	11.76	.06	30			
30	140.47	11.82	.05	25			
32	140.22	11.87	.06	30			
34	139.97	11.93	.05	25			
36	139.72	11.98	.08	40			
38	139.38	12.06	.06	30			
40	139.11	12.12	.07	35			
42	138.75	12.19	.07	35			
44	138.43	12.26	.08	40			
46	138.08	12.34	.06	30			
48	137.80	12.40	.07	35			
50	137.50	12.47	.05	25			
52	137.25	12.52					

K-Conductivity

LITHOLOGIC LOG

Project: McCoy

Hole: 864-97

Elevation: 5265

Date Drilled: 4-6-81

Location: NWSW 35 T23N R40E

Method: rotary air

Geologist: Deymonaz

Gamma: _____

Depth (m)	Description
0-55	Alluvium - tan, sandy silt with angular to subrounded gravels of chert and welded tuffs with lesser amounts of limestone and quartzite.
55-95	Tuff - latitic, hard, lt. gray to red, aphanitic groundmass with 15% phenocrysts of feldspars, minor quartz, trace of magnetite and biotite. Common manganese deposition along small tight fractures. <u>Note</u> - considerable uphole sluffing throughout hole, tuff comprises about 50% of cuttings in this interval but are broken and angular while gravels from alluvium are slightly rounded. May represent tuff unit or larger tuff boulders.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

AT Well No 864-99

Property-Project MCCOY - 864 Depth Logged 25 m
 Map Gilbert Ck SW Scale 7 1/2 Date: Drilled ? Logged 5-7-81
 State NV County Elko of of of of Sec T23N R40E
 Instrument SPAFFORD #46 Operator J.E.D. / M.A. Elevation 5040 (ft)
 Comments MINERAL HOLE IN DIGGINS ON ALTERATION TREND S OF MCLLOY MINE.

JUSTIFY

Card A

Date Logged

Proj No	Well No	DA	MO	YR
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20			
8 6 4	9 9 0 7	0 5	8 1	C M

*19-Write F if Fahrenheit, 20-Write F if Feet

Site Description

Operator	Editor	DA	MO	YR
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
1 K M N . O F W I L D H O R S E M I N E				
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
M A A	J E D			

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

Card B

Map Location **

Scale Unit IN CM Map Size (75, 15, 60) 7.5 Degree 39.45.0 N Lat 117.30.0 W Long

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

Use decimals

Northing 52.03 Easting 2.38 Elev 5040 F ← Write M if meters

Use decimals

Segment 1 = Depths

Start	End	K	ΔK
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40
	1 6 . 0	2 4 . 0	- 4 . 5

Best cond. (-K)
Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
51 52 53 54 55	56 57 58 59 60	61 62 63 64 65	66 67 68 69 70
		1 9 9 9	

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

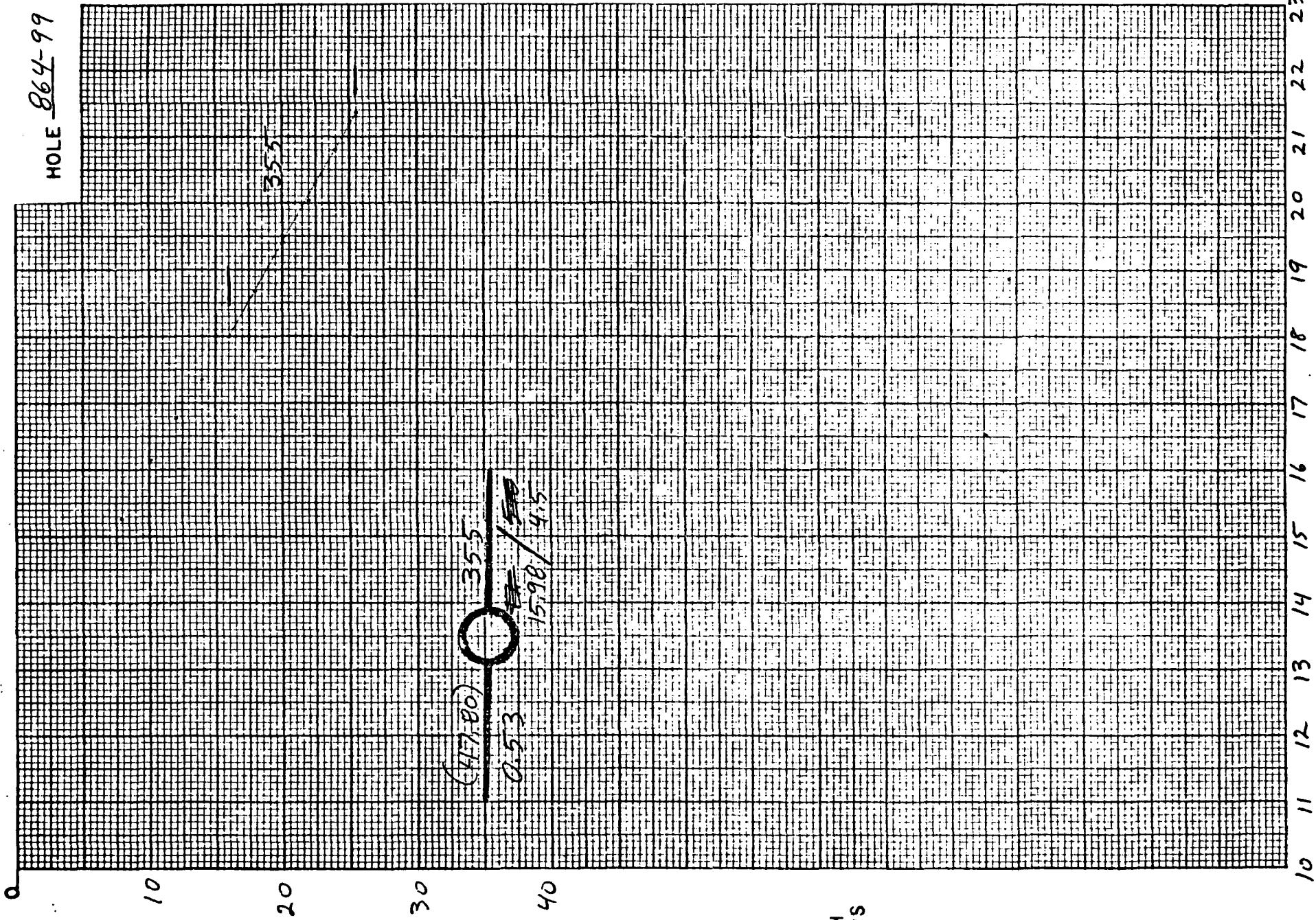
Segment 8

Segment 9

Segment 10

After final segment

HOLE 864-99



DEPTH
METERS

TEMPERATURE °C

