Amax
Deeth Thermal Data Field Sheets. Temperature/Depth Log
Elko County, Nevada.
ΔT Wells (1030-1)(1030-3 → 1030-13)
(1030-15 → 1030-24)(1030-27 → 1030-31)
(1030-33 → 1030-34)(1030-37)
(1030-101 → 1030-107).

A-43

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-1

Property-Project DEETH 1030 Depth Logged 43 m

Map TWIN BUTTES Scale 7.5' Date: Drilled 11-21-79 Logged DEC 21 79

State NV County ELKO, ___ of ___ of SW of NE of Sec 8 T 38N R 59E

Instrument #30 Operator C Elevation 5550 (ft m)

Comments

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*
	1030	1	21	12	79	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
0.35 KM EAST BM 5560	CT/	DP	21	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min	**
cm	7.5	41.	7.5	115.	22.5	

Use decimals

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

Northing	Easting	Elev	
33.0	14.4	5550.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
11.0	26.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start →	End	K	ΔK
26.0	28.0		

Segment 3		
28.0	30.0	

Segment 4 Start →			
30.0	43.2	-3.3	0.5

Segment 5	
.999	

Segment 6 Start →	

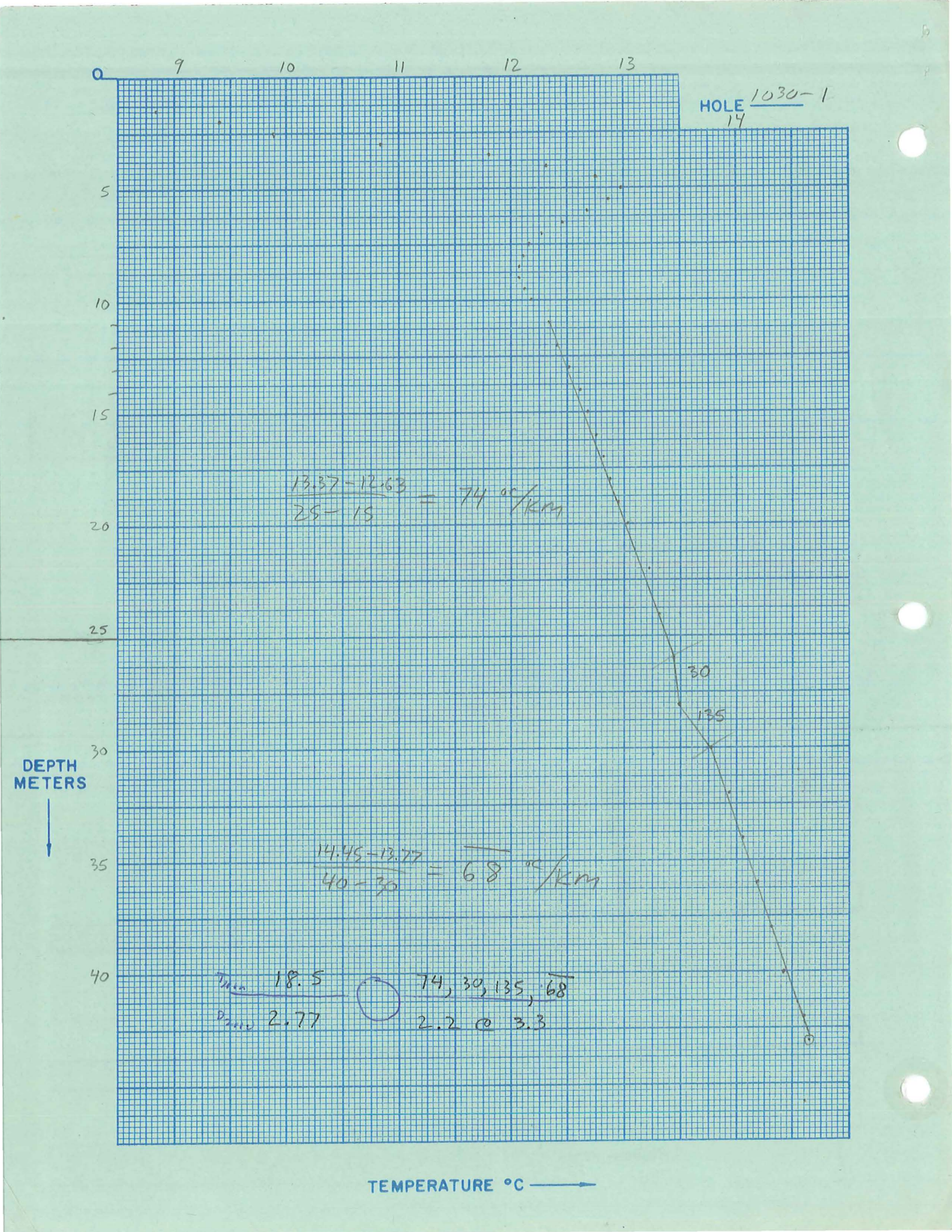
Segment 7

Segment 8 Start →	

Segment 9

Segment 10 Start →	

After final segment Start = .999


HOLE 1030-1
14
9
10
11
12
13
0
5
10
15
20
25
30
35
40
DEPTH METERS
TEMPERATURE °C
13.37 - 12.63 / 25 - 15 = 74 °C/km
14.45 - 13.77 / 40 - 30 = 68 °C/km
30
135
T_mud 18.5
D_mud 2.77
74, 30, 135, 68
2.2 @ 3.3

Date Logged: DEC 21 79

ΔT Well No. 1030 - 1

CR .0405

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	156.27	8.25					
1.5	153.45	8.83					
2	150.72	9.40					
2.5	148.43	9.88					
3	143.94	10.84					
3.5	139.50	11.80					
4	137.16	12.31					
4.5	135.22	12.75					
5	134.16	12.98					
5.5	134.72	12.86					
6	135.54	12.67					
6.5	136.45	12.47					
7	137.35	12.27					
7.5	137.82	12.17					
8	138.05	12.12					
8.5	138.23	12.08					
9	138.21	12.08					
9.5	138.00	12.13					
10	137.71	12.19					
11	137.04	12.34					
12	136.72	12.41					
13	136.28	12.51					
14	135.84	12.61					
15	135.57	12.67					
16	135.20	12.75					
17	134.87	12.82					
18	134.61	12.88					

K=Conductivity

Date Logged: Dec 21 79

ΔT Well No. 1030 – 1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	134.29	12.95					
20	133.91	13.04					
22	133.06	13.23					
24	132.65	13.32					
26	132.12	13.44					
28	131.86	13.50					
30	130.69	13.77					
32	129.95	13.94					
34	129.42	14.06					
36	128.85	14.19					
38	128.32	14.32					
40	127.82	14.43					
42	127.34	14.55					
43.2	127.14	14.59					CR .0407
99999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-3

Property-Project DEETH 1030 Depth Logged 68 m

Map PEKO PEAK Scale 7.5' Date: Drilled 11-21-79 Logged 21-12-79

State NV County ELKO , ____ of ____ of NW of SE of Sec 14 T 38N R 58E

Instrument #30 Operator CT Elevation 5805 (ft / m)

Comments

Date Logged

RT JUSTIFY

Card A

Proj No (1-4)	Well No (5-10)	DA (11-12)	MO (14-15)	YR (17-18)	19*	20*
1030	3	21	12	79	C	M

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

Site Description (21-50)	Operator (51-55)	Editor (56-60)	Drilled DA (61-62)	Drilled MO (64-65)	Drilled YR (67-68)
LOCATED AT BM 5803	CT	DP	21	11	79

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

Card B

Map Location **

Scale Unit IN CM (21-25)	Map Size (7.5, 15., 60.) (26-30)	N Lat Degree (31-35)	N Lat Min (36-40)	W Long Degree (41-45)	W Long Min (46-50)
CM	7.5	41.	7.5	115.	30.0

Use decimals

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

Northing (51-60)	Easting (61-70)	Elev (71-75)	(76-79)	80
24.7	35.7	5805.		F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start (21-30)	End (31-40)	Conductivity K (41-45)	ΔK (46-50)
16.0	46.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

	Start (51-60)	End (61-70)	K (71-75)	ΔK (76-80)
Segment 2	46.0	50.0		

	Start (21-30)	End (31-40)	K (41-45)	ΔK (46-50)
Segment 3	50.0	68.0	-3.3	-0.5

	Start (51-60)	End (61-70)	K (71-75)	ΔK (76-80)
Segment 4	.999			

Segment 5

Segment 6 Start →

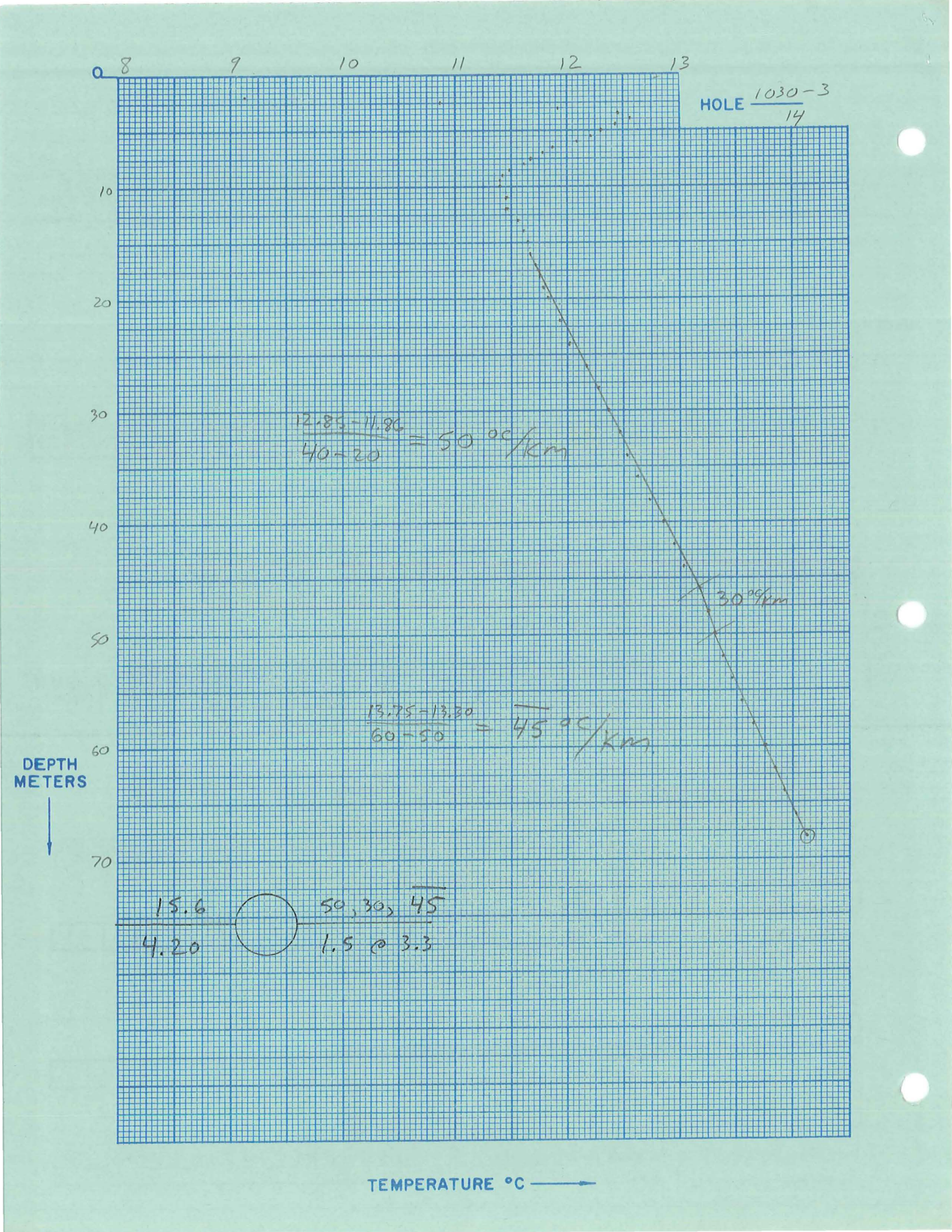
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


8
9
10
11
12
13
HOLE 1030-3 / 14
10
20
30
40
50
60
70
12.85 - 11.86 / 40 - 20 = 50 °C/km
30 °C/km
13.75 - 13.30 / 60 - 50 = 45 °C/km
DEPTH METERS
15.6 / 4.20
50, 30, 45
1.5 @ 3.3
TEMPERATURE °C

Date Logged: DEC 21 79

ΔT Well No. 1030 - 3

CR .0405

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	168.43	5.81					
1.5	169.07	5.69					
2	151.96	9.14					
2.5	143.76	10.87					
3	138.95	11.92					
3.5	136.55	12.45					
4	136.07	12.56					
4.5	136.64	12.43					
5	137.20	12.30					
5.5	137.58	12.22					
6	138.18	12.09					
6.5	139.16	11.87					
7	139.54	11.79					
7.5	140.09	11.67					
8	140.33	11.62					
8.5	140.97	11.48					
9	141.20	11.43					
9.5	141.28	11.41					
10	141.30	11.41					
11	141.06	11.46					
12	140.98	11.47					
13	140.59	11.56					
14	140.37	11.61					
15	140.19	11.65					
16	140.09	11.67					
17	139.91	11.71					
18	139.70	11.75					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030-3

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	139.52	11.79					
20	139.36	11.83					
22	138.86	11.94					
24	138.52	12.01					
26	137.76	12.18					
28	137.33	12.28					
30	136.89	12.37					
32	136.48	12.46					
34	136.20	12.53					
36	135.77	12.62					
38	135.31	12.73					
40	134.77	12.85					
42	134.29	12.95					
44	133.97	13.03					
46	133.39	13.18					
48	132.99	13.25					
50	132.75	13.30					
52	132.39	13.38					
54	132.06	13.46					
56	131.65	13.55					
58	131.23	13.65					
60	130.77	13.75					
62	130.35	13.85					
64	129.99	13.93					
66	129.56	14.03					
68	129.13	14.13					CR .0408
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-4

Property-Project DEETH 1030 Depth Logged 69 m

Map PEKO PEAK Scale 7.5' Date: Drilled 17-11-79 Logged 21-12-79

State NV County ELKO , of of SE of NW of Sec 22 T 38N R 58E

Instrument #30 Operator CT Elevation 5890 (ft / m)

Comments

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*
	1030	4	21	12	79	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
0.35 KM ENE BM 6024	CT	DP	17	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min **
CM	7.5	41.	7.5	115.	30.0

Use decimals

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

Northing	Easting	Elev	
20.8	26.3	5890.	F

Use decimals

Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
10.0	69.3	-5.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (End, K, ΔK)

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

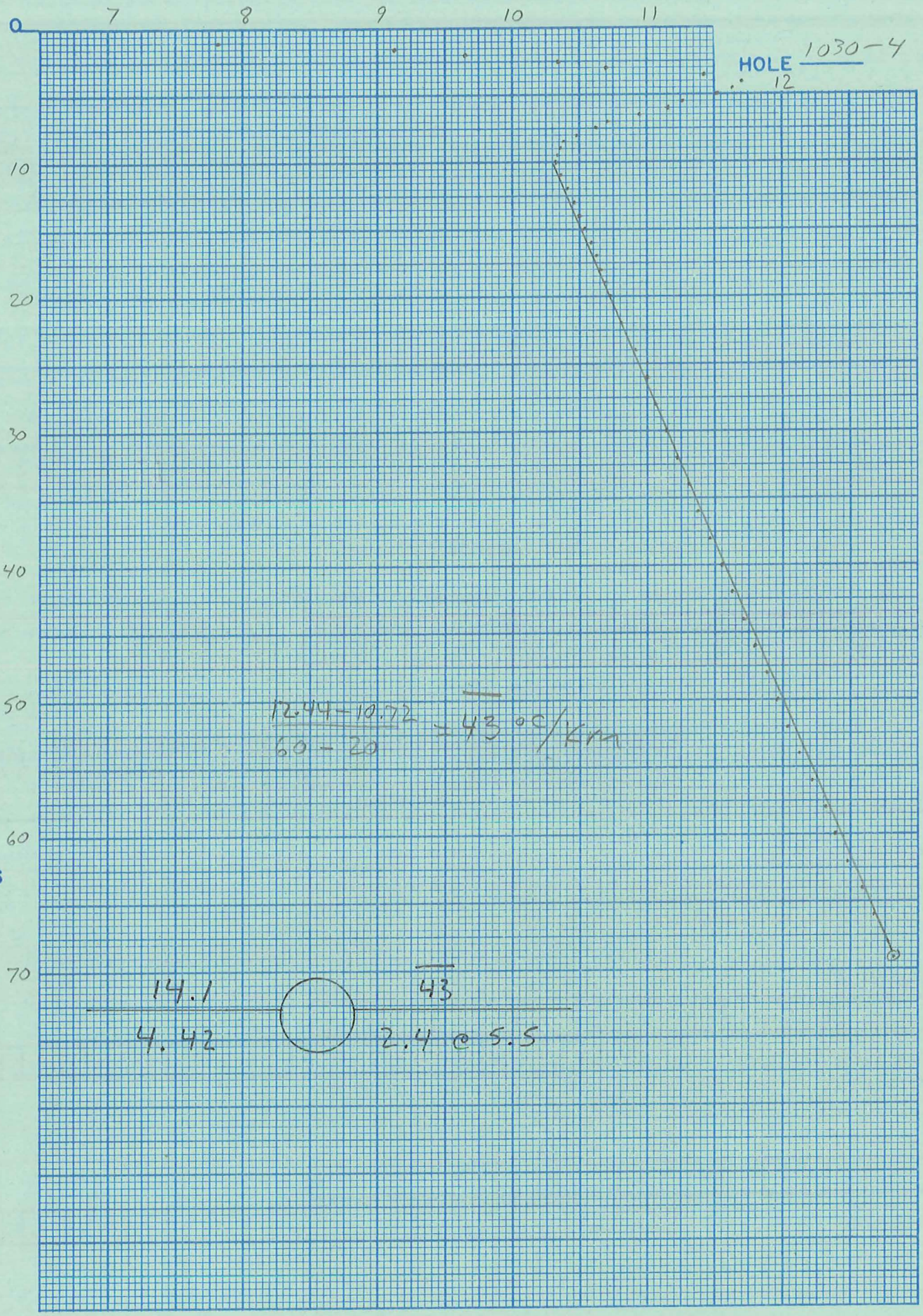
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE 1030-4
7
8
9
10
11
12
0
10
20
30
40
50
60
70
DEPTH METERS
12.44 - 10.72 / 60 - 20 = 43 °C/Km
14.1
4.42
43
2.4 @ 5.5
TEMPERATURE °C

Date Logged: DEC 21 79

ΔT Well No. 1030 - 4

CR .0404

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	158.41	7.82					
1.5	151.98	9.14					
2	149.53	9.65					
2.5	146.22	10.35					
3	144.58	10.70					
3.5	141.20	11.43					
4	139.85	11.72					
4.5	140.22	11.64					
5	140.82	11.51					
5.5	141.97	11.26					
6	142.42	11.16					
6.5	143.40	10.95					
7	144.50	10.72					
7.5	144.86	10.64					
8	145.58	10.48					
8.5	146.00	10.39					
9	146.17	10.36					
9.5	146.27	10.34					
10	146.30	10.33					
11	146.16	10.36					
12	145.92	10.41					
13	145.70	10.46					
14	145.51	10.50					
15	145.32	10.54					
16	145.13	10.58					
17	144.96	10.62					
18	144.80	10.65					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030-4

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	144.64	10.69					
20	144.44	10.73					
22	144.04	10.81					
24	143.57	10.91					
26	143.19	11.00					
28	142.84	11.07					
30	142.46	11.15					
32	142.13	11.23					
34	141.75	11.31					
36	141.40	11.38					
38	141.00	11.47					
40	140.62	11.55					
42	140.23	11.64					
44	139.90	11.71					
46	139.48	11.80					
48	139.13	11.88					
50	138.78	11.96					
52	138.39	12.04					
54	138.05	12.12					
56	137.60	12.22					
58	137.19	12.31					
60	136.84	12.39					
62	136.37	12.49					
64	135.96	12.58					
66	135.55	12.67					
68	135.13	12.77					
69.3	134.95	12.81					CR .0406

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-5

Property-Project DEETH 1030 Depth Logged 40 m

Map PEKO PEAK Scale 7.5' Date: Drilled 19-11-79 Logged 21-12-79

State NV County ELKO , of of NW of SW of Sec 26 T 38N R 58E

Instrument #30 Operator .C Elevation 5852 (ft) m

Comments

Card A

RT JUSTIFY | Proj No | Well No | Date Logged: DA | MO | YR | * | *19-Write F if Fahrenheit, 20-Write F if Feet

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	0	3	0					5	2	1		1	2			7	9	C	M

Site Description | Operator | Editor | 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
L	O	C	A	T	E	D		A	T		B	M		5	8	5	2																C	T	/		D	P		1	9		1	1		7	9

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

Card B

Scale Unit IN CM | Map Size (7.5, 15., 60.) | Map Location * * : 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
	<m					7	.	5		4	1	.			7	.	5			1	1	5	.		3	0	.	0

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
					1	2	.	3					3	1	.	8		5	8	5	2	.						F	

← Write M if 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
						1	2	.	0						1	8	.	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
							1	8	.	0						4	0	.	0		−	3	.	9		−	0	.	5

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
									.	9	9	9																	

Segment 4 Start →

Segment 5

Segment 6 Start →

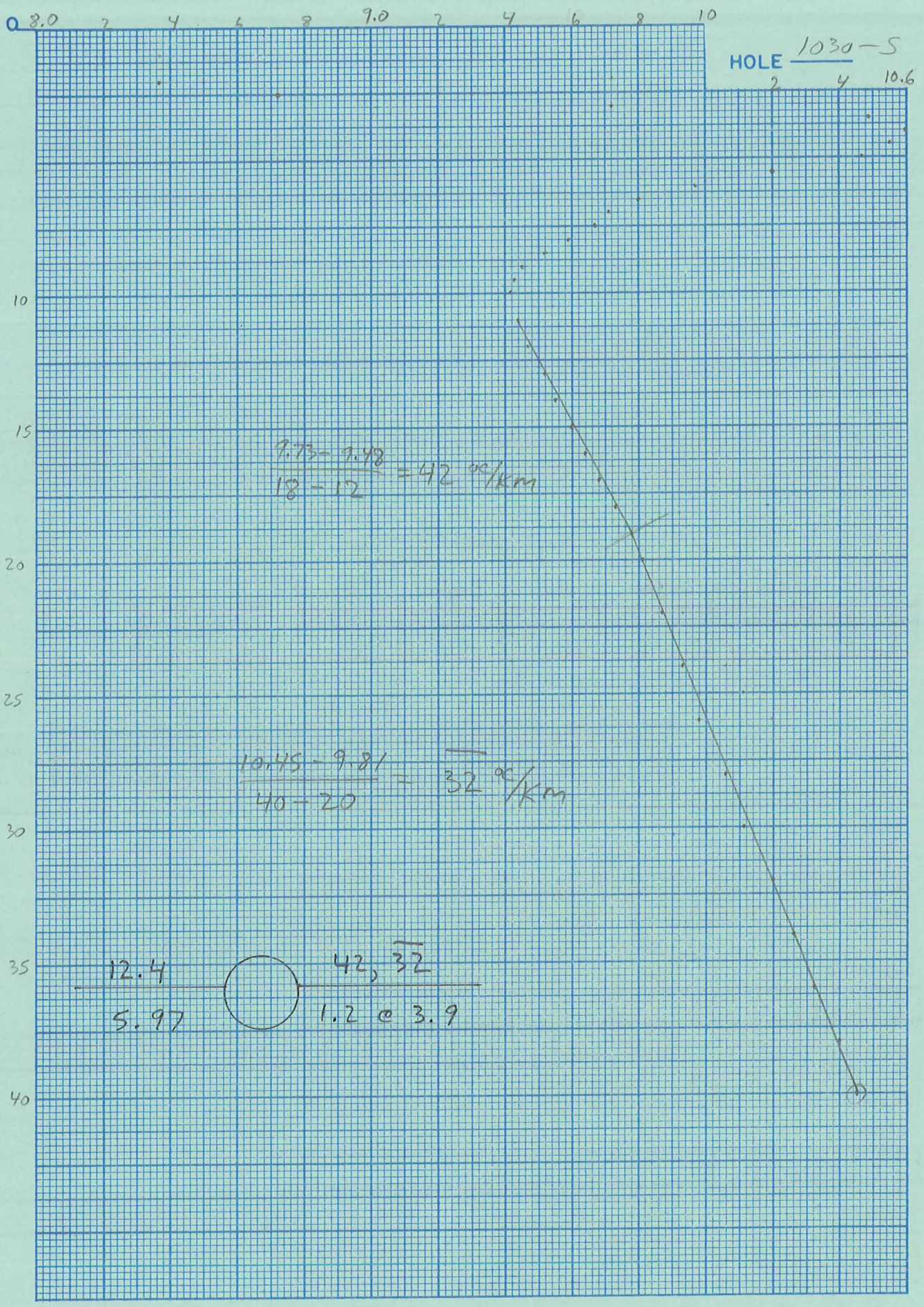
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE 1030-5
8.0
9.0
10.6
10
15
20
25
30
35
40
DEPTH METERS
TEMPERATURE °C
9.73 - 9.48 / 18 - 12 = 42 °C/Km
10.45 - 9.81 / 40 - 20 = 32 °C/Km
12.4
5.97
42, 32
1.2 @ 3.9

Date Logged: DEC 21 79

ΔT Well No. 1030-5

CR .0404

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	175.61	4.41					
1.5	161.70	7.15					
2	155.67	8.37					
2.5	154.00	8.72					
3	149.19	9.72					
3.5	145.57	10.49					
4	145.05	10.60					
4.5	145.29	10.55					
5	145.66	10.47					
5.5	146.93	10.20					
6	147.99	9.97					
6.5	148.81	9.80					
7	149.25	9.71					
7.5	149.42	9.67					
8	149.80	9.59					
8.5	150.15	9.52					
9	150.49	9.45					
9.5	150.59	9.43					
10	150.61	9.42					
11	150.52	9.44					
12	150.36	9.47					
13	150.13	9.52					
14	149.98	9.55					
15	149.76	9.60					
16	149.59	9.64					
17	149.38	9.68					
18	149.14	9.73					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030-5

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	148.90	9.78					
20	148.75	9.81					
22	148.47	9.87					
24	148.18	9.93					
26	147.94	9.98					
28	147.59	10.06					
30	147.32	10.11					
32	146.91	10.20					
34	146.62	10.26					
36	146.33	10.32					
38	145.98	10.40					
40	145.73	10.45					
9999							

K=Conductivity

page _____ of _____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030 - 6

Property-Project DEETH 1030 Depth Logged 46 M

Map PEKO PEAK Scale 7.5' Date: Drilled 19-11-79 Logged 21-12-79

State NV County ELKO, ____ of ____ of SE of NE of Sec 26 T 38N R 58E

Instrument #30 Operator C Elevation 5840 (ft / ~~m~~)

Comments

Card A

RT JUSTIFY

Proj No (1-4)	Well No (5-10)	Date Logged DA (11-12)	MO (14-15)	YR (17-18)	* 19	20
1030	6	21	12	79	C	M

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

Site Description (21-50)	Operator (51-55)	Editor (56-60)	Drilled DA (61-62)	MO (64-65)	YR (67-68)
1.7 KM ENE BM 5852	CT	DP	19	11	79

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

Card B

Map Location **

Scale Unit IN CM (21-25)	Map Size (7.5, 15., 60.) (26-30)	N Lat Degree (31-35)	N Lat Min (36-40)	W Long Degree (41-45)	W Long Min (46-50) **
CM	7.5	41.	7.5	115.	30.0

Use decimals

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

Northing (51-60)	Easting (61-70)	Elev (71-75)	76-79	80
13.1	38.2	5840.		F

Use decimals

Write M if if meters

Segment 1 = Depths

Start (21-30)	End (31-40)	Conductivity K (41-45)	ΔK (46-50)
12.0	46.5	-4.0	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start (51-60)	End (61-70)	K (71-75)	ΔK (76-80)
.999			

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

Segment 8 Start →

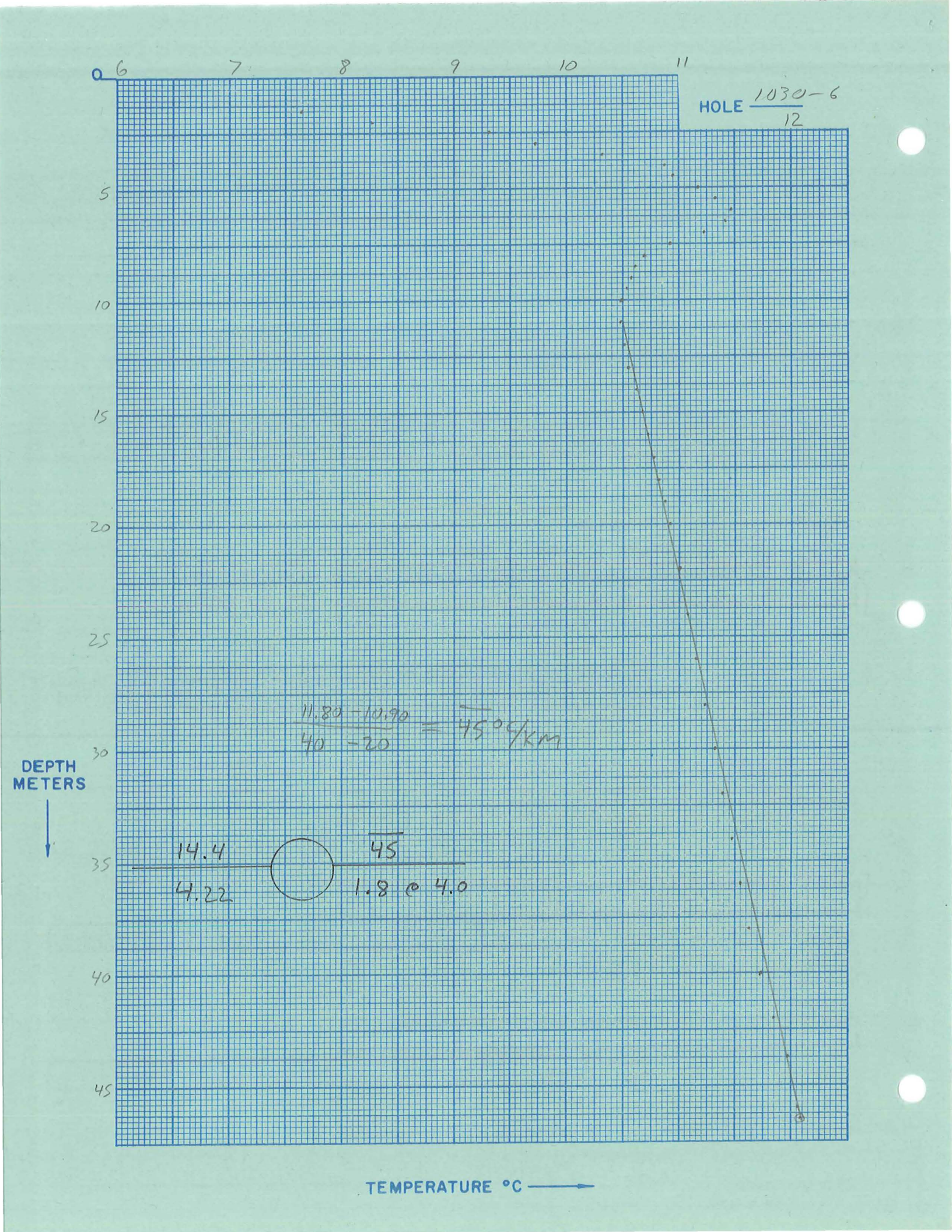
Segment 9

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 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

After final segment Start = .999


6
7
8
9
10
11
HOLE 1030-6 / 12
5
10
15
20
25
30
35
40
45
DEPTH METERS
11.80 - 10.90 / 40 - 20 = 45°C/km
14.4
4.22
45
1.8 @ 4.0
TEMPERATURE °C

Date Logged: DEC 21 79

ΔT Well No. 1030-6

CR .040S

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	170.81	5.35					
1.5	159.27	7.64					
2	156.24	8.26					
2.5	151.13	9.31					
3	149.20	9.72					
3.5	146.32	10.33					
4	143.79	10.87					
4.5	143.39	10.95					
5	142.38	11.17					
5.5	141.71	11.32					
6	141.01	11.47					
6.5	141.24	11.42					
7	142.07	11.24					
7.5	143.50	10.93					
8	144.57	10.70					
8.5	144.93	10.62					
9	145.15	10.58					
9.5	145.32	10.54					
10	145.51	10.50					
11	145.56	10.49					
12	145.47	10.51					
13	145.27	10.55					
14	144.98	10.62					
15	144.70	10.67					
16	144.43	10.73					
17	144.20	10.78					
18	144.02	10.82					

K=Conductivity

Date Logged: DEC 21 79 ΔT Well No. 1030-6

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	143.77	10.87					
20	143.54	10.92					
22	143.19	11.00					
24	142.83	11.07					
26	142.46	11.15					
28	142.08	11.24					
30	141.65	11.33					
32	141.37	11.39					
34	140.98	11.47					
36	140.63	11.55					
38	140.28	11.63					
40	139.76	11.74					
42	139.26	11.85					
44	138.70	11.97					
46	138.33	12.06					
46.5	138.29	12.07					CR.0406
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-7

Property-Project DEETH 1030 Depth Logged 63 m

Map TWIN BUTTES Scale 7.5' Date: Drilled 20-11-79 Logged 21-12-79

State NV County ELKO , of of SW of NW of Sec 30 T 38N R 59E

Instrument #30 Operator C Elevation 5685 (ft) (m)

Comments

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
1030	7	21	12	79	C M

Date Logged

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
2.7 KM NNW SALT BLOCK WELL	CT	DP	20	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	N Lat Min	W Long Degree	W Long Min **
CM	7.5	41.	7.5	115.	22.5

Use decimals

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

Northing	Easting	Elev	
13.3	2.4	5685.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
12.0	48.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
48.0	63.5	-4.5	-0.5

Segment 3

.999

Segment 4 Start →

Segment 5

Segment 6 Start →

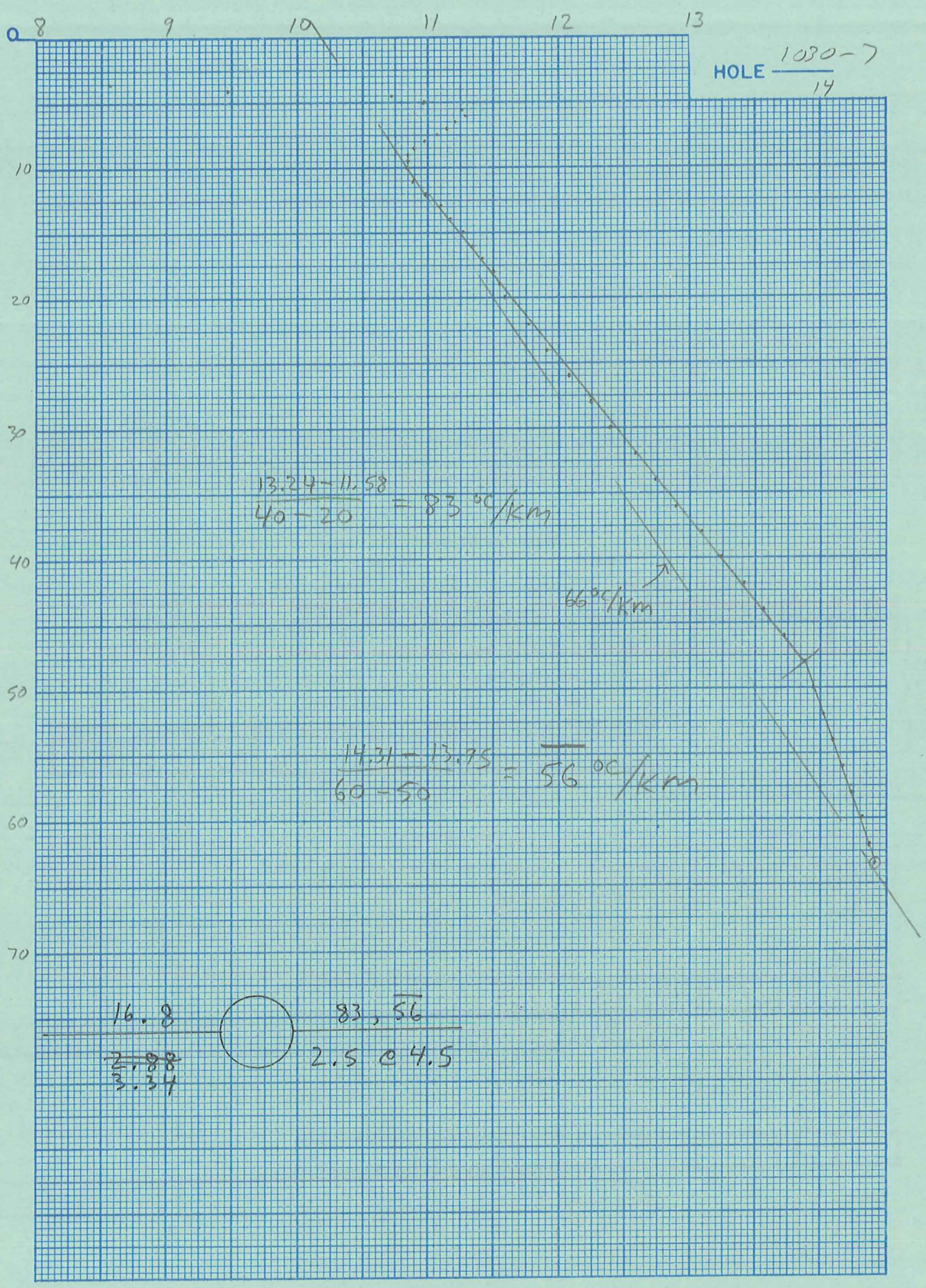
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


8
9
10
11
12
13
HOLE 1030-7 / 14
10
20
30
40
50
60
70
DEPTH METERS
13.24 − 11.58 / 40 − 20 = 83 °C/km
66°C/km
14.31 − 13.75 / 60 − 50 = 56 °C/km
16.8
2.88
3.34
83, 56
2.5 @ 4.5
TEMPERATURE °C

Date Logged: DEC 21 79

ΔT Well No. 1030 - 7

CR .0405

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	183.54	2.89				A	
1.5	183.20	2.96					
2	181.14	3.35					
2.5	179.00	3.76				A	
3	164.53	6.58				A	
3.5	154.77	8.56				W	
4	150.36	9.47					
4.5	144.46	10.72					
5	143.30	10.97					
5.5	141.96	11.26					
6	141.85	11.29					
6.5	142.14	11.22					
7	142.47	11.15					
7.5	142.82	11.08					
8	143.26	10.98					
8.5	143.63	10.90					
9	143.84	10.86					
9.5	143.83	10.86					
10	143.86	10.85					
11	143.63	10.90					
12	143.24	10.99					
13	142.71	11.10					
14	142.38	11.17					
15	141.98	11.26					
16	141.61	11.34					
17	141.22	11.42					
18	140.88	11.50					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030 - 7

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	140.62	11.55					
20	140.52	11.58					
22	139.64	11.77					
24	138.95	11.92					
26	138.23	12.08					
28	137.46	12.25					
30	136.77	12.40					
32	135.97	12.58					
34	135.25	12.74					
36	134.54	12.90					
38	133.71	13.09					
40	133.03	13.24					
42	132.25	13.42					
44	131.62	13.56					
46	130.89	13.73					
48	130.26	13.87					
50	129.90	13.95					
52	129.55	14.03					
54	129.25	14.10					
56	128.96	14.17					
58	128.64	14.24					
60	128.36	14.31					
62	128.08	14.37					
~~64~~ 63.5	127.92	14.41					CR .0408
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030 - 8

Property-Project DEETH 1030 Depth Logged 68 m

Map TWIN BUTTES Scale 7.5' Date: Drilled 20-11-79 Logged 21-12-79

State NV County ELKO , ___ of ___ of SE of NE of Sec 30 T 38N R 59E

Instrument #30 Operator C Elevation 5635 (ft) (m)

Comments ___

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
1030	8	21	12	79	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
3.1 KM NNE SALT BLOCK WELL	CT/	DP	20	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	N Lat Degree	N Lat Min	W Long Degree	W Long Min **
CM	7.5	41.	7.5	115.	22.5

Map Location * *

Use decimals

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

Northing	Easting	Elev	
13.5	8.6	5635.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
24.0	36.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
36.0	40.0	-3.0	-0.5

Segment 3

Start	End
40.0	68.0

Segment 4 Start → .999

Segment 5

Segment 6 Start →

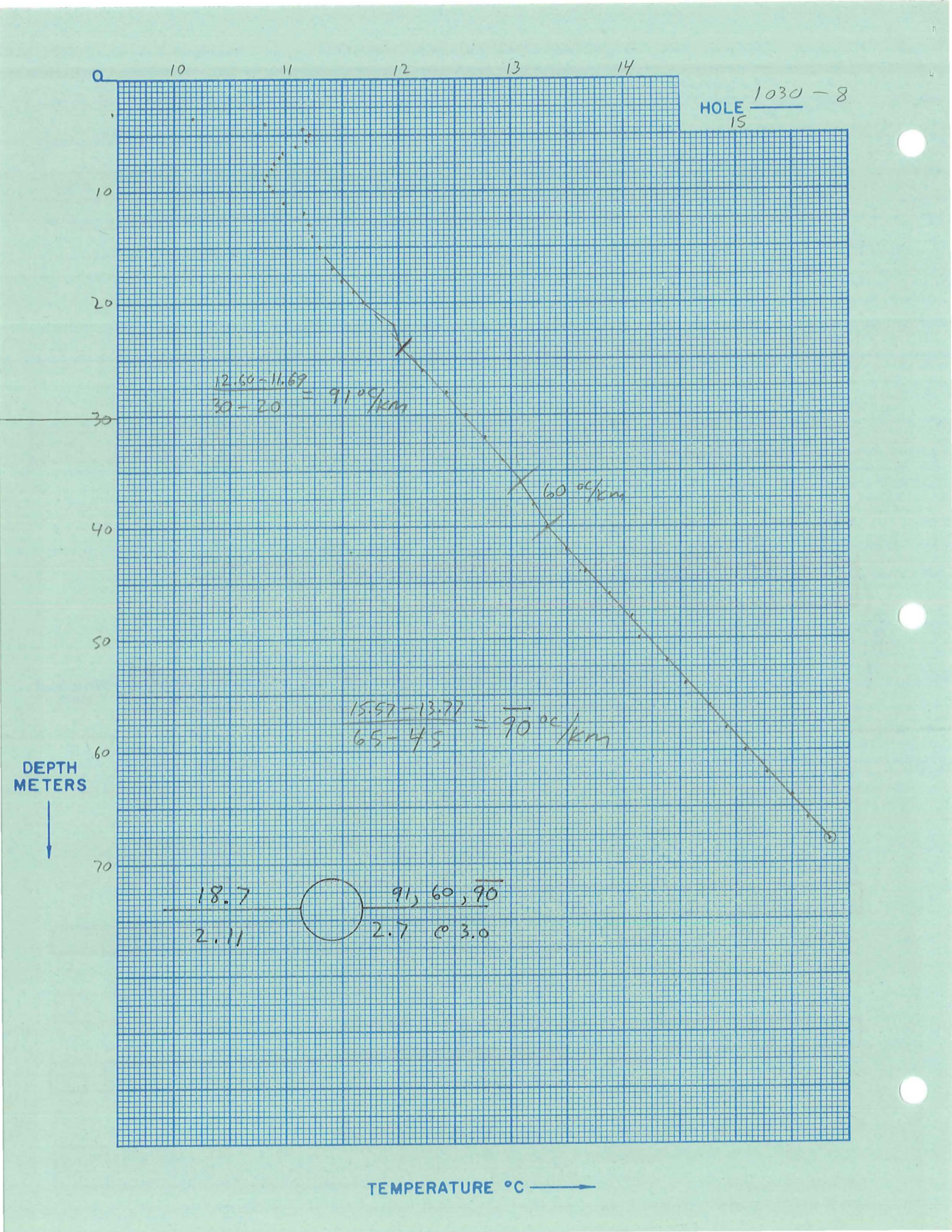
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE 1030 - 8
15
10
11
12
13
14
0
10
20
30
40
50
60
70
DEPTH METERS
TEMPERATURE °C
12.60 - 11.69 / 30 - 20 = 91 °C/km
60 °C/km
15.57 - 13.77 / 65 - 45 = 90 °C/km
18.7
2.11
91, 60, 90
2.7 @ 3.0

Date Logged: DEC 21 79

ΔT Well No. 1030-8

CR .0405

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	171.01	5.31					
1.5	159.45	7.60					
2	159.37	7.62					
2.5	155.87	8.33					
3	152.86	8.95					
3.5	147.06	10.17					
4	144.06	10.81					
4.5	142.49	11.15					
5	142.27	11.20					
5.5	142.39	11.17					
6	142.74	11.09					
6.5	143.31	10.97					
7	143.41	10.95					
7.5	143.62	10.90					
8	143.75	10.88					
8.5	143.91	10.84					
9	144.00	10.82					
9.5	143.83	10.86					
10	143.78	10.87					
11	143.27	10.98					
12	142.43	11.16					
13	142.28	11.19					
14	142.69	11.23					
15	141.78	11.30					
16	141.57	11.35					
17	141.28	11.41					
18	140.86	11.50					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030-8

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	140.42	11.60					
20	140.00	11.69					
22	138.75	11.96					
24	138.51	12.02					
26	137.57	12.22					
28	136.66	12.42					
30	135.86	12.60					
32	135.11	12.77					
34	134.38	12.93					
36	133.68	13.09					
38	133.22	13.20					
40	132.61	13.33					
42	131.86	13.50					
44	131.18	13.66					
46	130.24	13.87					
48	129.38	14.07					
50	129.10	14.14					
52	128.07	14.38					
54	127.33	14.55					
56	126.44	14.76					
58	125.77	14.91					
60	125.02	15.09					
62	124.25	15.27					
64	123.37	15.50					
66	122.69	15.64					
68	121.90	15.83					CR .0408
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030 - 9

Property-Project DEETH 1030 Depth Logged 66 m

Map PEKO PEAK Scale 7.5' Date: Drilled 17-11-79 Logged 21-12-79

State NV County ELKO , of of SE of SW of Sec 34 T 38N R 58E

Instrument #30 Operator C Elevation 5890 (ft) (m)

Comments

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
1030	9	21	12	79	C M

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

Date Logged

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
0.2 Km EAST Bm 5882	CT	DP	17	11	79

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

Card B

Map Location * *

Scale Unit IN CM	Map Size (7.5, 15., 60.)	N Lat Degree	N Lat Min	W Long Degree	W Long Min **
C M	7.5	41.	7.5	115.	30.0

Use decimals

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

Northing	Easting	Elev	
3.0	26.6	5890.	F ← Write M if if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
17.0	34.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start →	End	K	ΔK
34.0	66.0	-6.0	-0.5

Segment 3: .999

Segment 4 Start →

Segment 5

Segment 6 Start →

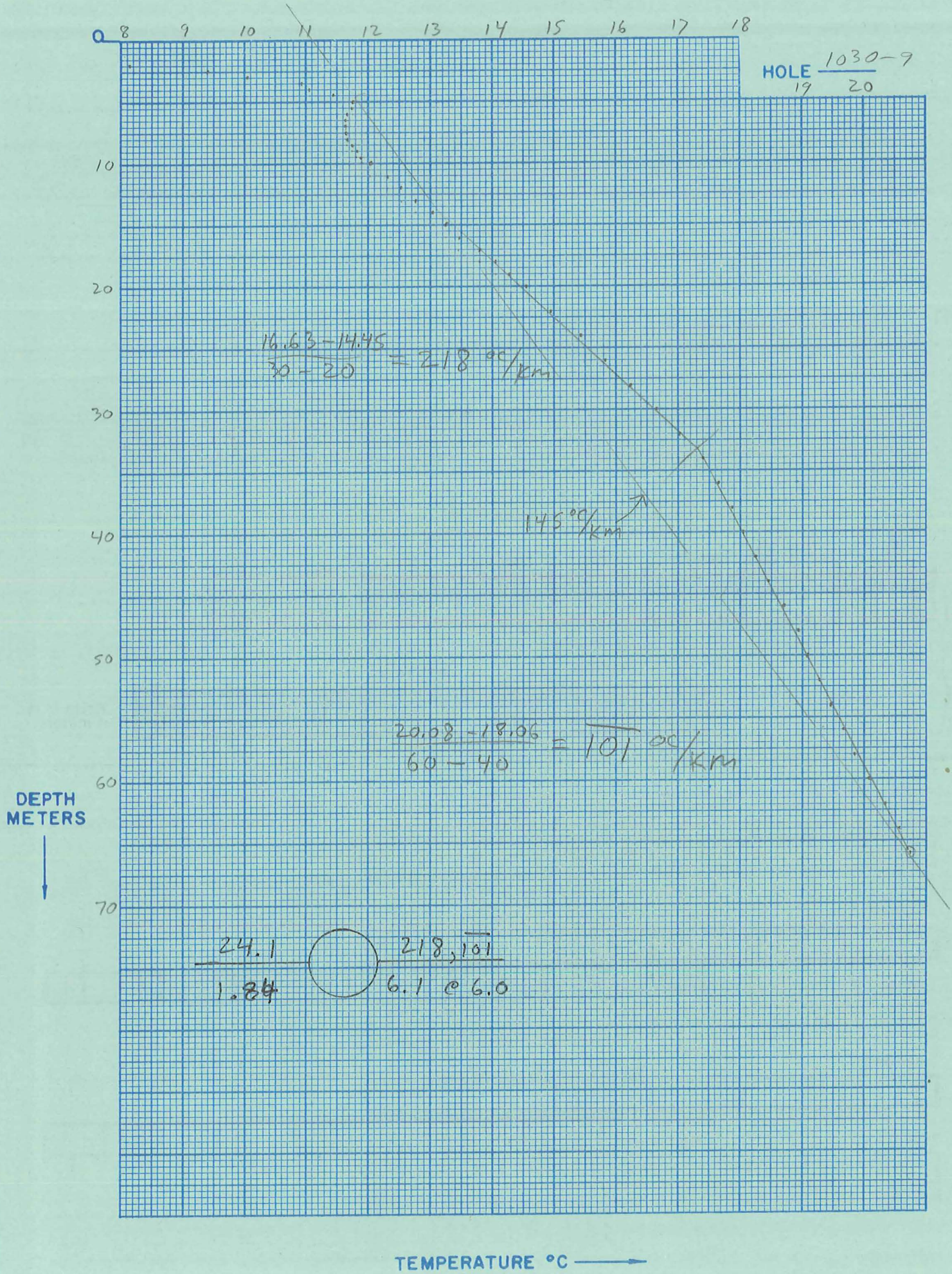
Segment 7: .

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE 1030-9
19 20
8 9 10 11 12 13 14 15 16 17 18
0 10 20 30 40 50 60 70
DEPTH METERS
TEMPERATURE °C
16.63 − 14.45 / 30 − 20 = 2.18 °C/km
14.5 °C/km
20.08 − 18.06 / 60 − 40 = 101 °C/km
24.1 / 1.84
218, 101
6.1 @ 6.0

Date Logged: DEC 21 79

ΔT Well No. 1030-9

CR .0404

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	164.23	6.64					
1.5	160.95	7.30					
2	156.86	8.13					
2.5	150.70	9.40					
3	147.68	10.04					
3.5	143.51	10.93					
4	142.83	11.07					
4.5	141.10	11.45					
5	139.54	11.79					
5.5	139.72	11.75					
6	140.05	11.68					
6.5	140.21	11.64					
7	140.25	11.64					
7.5	140.20	11.65					
8	140.04	11.68					
8.5	139.75	11.74					
9	139.45	11.81					
9.5	139.04	11.90					
10	138.48	12.02					
11	137.16	12.31					
12	136.22	12.52					
13	135.10	12.77					
14	133.95	13.03					
15	133.00	13.25					
16	132.01	13.47					
17	130.58	13.80					
18	129.44	14.06					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030 - 9

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	128.51	14.27					
20	127.33	14.55					
22	125.61	14.95					
24	123.60	15.43					
26	121.97	15.82					
28	120.27	16.23					
30	118.46	16.67					
32	117.10	17.01					
34	115.53	17.40					
36	114.49	17.66					
38	113.56	17.89					
40	112.91	18.06					
42	112.28	18.22					
44	111.29	18.47					
46	110.42	18.70					
48	109.55	18.93					
50	108.92	19.09					
52	108.16	19.29					
54	107.47	19.47					
56	106.76	19.67					
58	106.10	19.84					
60	105.19	20.08					
62	104.27	20.33					
64	103.40	20.57					
66	102.76	20.74					CR .0408
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030 -10

Property-Project DEETH 1030 Depth Logged 63 m

Map PEKO PEAK Scale 7.5' Date: Drilled 14-11-79 Logged 21-12-79

State NV County ELKO , ___ of ___ of NE of SW of Sec 36 T 38N R 58E

Instrument #30 Operator CS Elevation 5828 (ft) (m)

Comments ___

Card A

RT JUSTIFY	Proj No	Well No	DA	MO	YR	*
	1030	10	21	12	79	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
LOCATED AT Bm 5828	CT/	DP	14	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	N Lat Degree	N Lat Min	W Long Degree	W Long Min **
cm	7.5	41.	7.5	115.	30.0

Map Location * *

Use decimals

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

Northing	Easting	Elev	
5.5	40.9	5828.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	Conductivity ΔK
10.0	32.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
32.0	54.0		

Segment 3

Start	End	K	ΔK
54.0	63.2	-3.7	-0.5

Segment 4 Start → .999

Segment 5

Segment 6 Start →

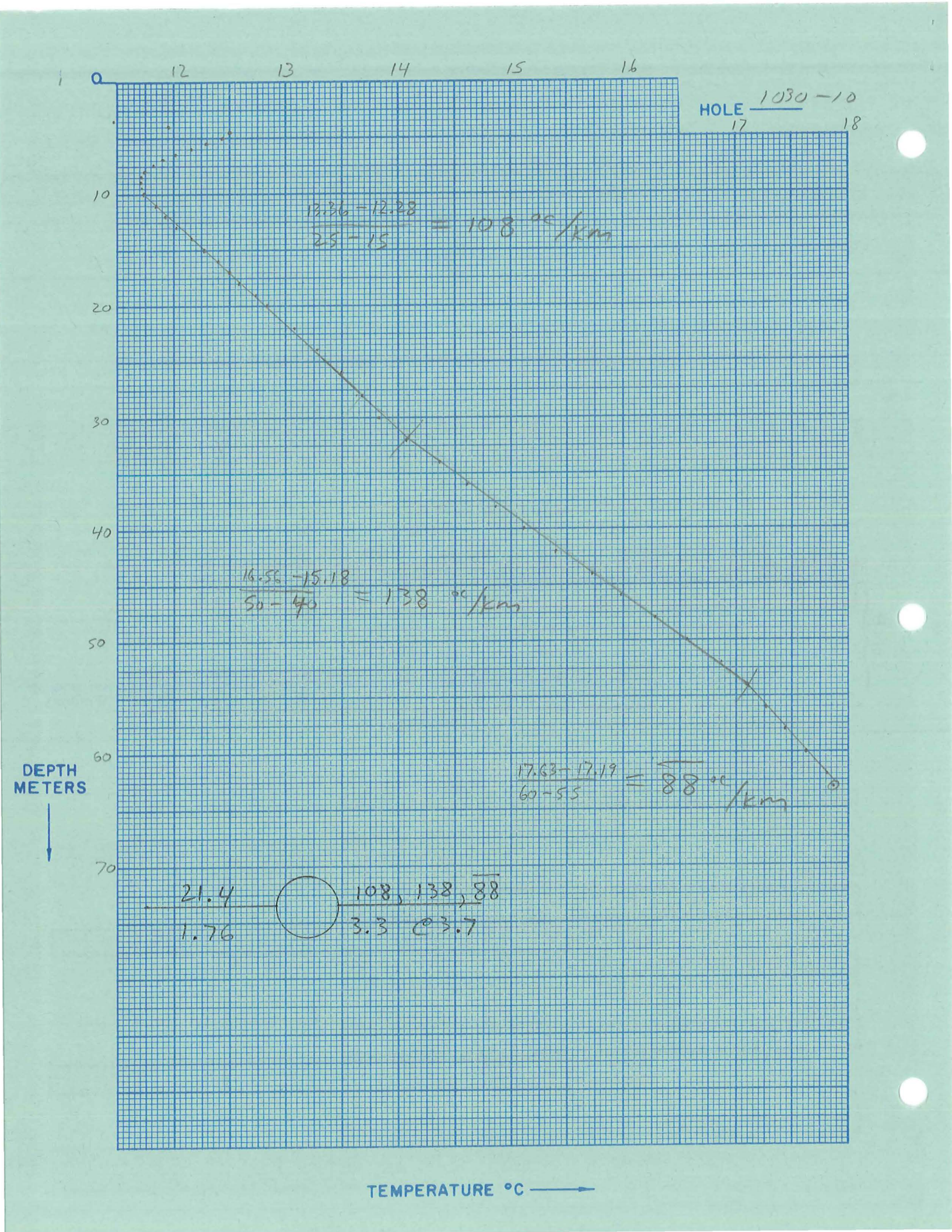
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE 1030-10
12
13
14
15
16
17
18
10
20
30
40
50
60
70
DEPTH METERS
TEMPERATURE °C
12.36 - 12.28 / 25 - 15 = 108 °C/km
16.58 - 15.18 / 50 - 40 = 138 °C/km
17.63 - 17.19 / 60 - 55 = 88 °C/km
21.4
1.76
108, 138, 88
3.3 C 3.7

Date Logged: DEC 21 79

ΔT Well No. 1030 - 10

CR-.0404

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	157.16	8.07					
1.5	154.98	8.52					
2	151.39	9.26					
2.5	146.75	10.24					
3	143.86	10.85					
3.5	141.00	11.47					
4	138.76	11.96					
4.5	136.30	12.50					
5	136.56	12.45					
5.5	137.25	12.29					
6	137.88	12.16					
6.5	138.55	12.01					
7	139.04	11.90					
7.5	139.42	11.82					
8	139.70	11.75					
8.5	139.86	11.72					
9	139.90	11.71					
9.5	139.87	11.72					
10	139.78	11.74					
11	139.27	11.85					
12	138.90	11.93					
13	138.43	12.03					
14	137.86	12.16					
15	137.32	12.28					
16	136.79	12.40					
17	136.34	12.50					
18	135.94	12.59					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030-10

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	135.28	12.74					
20	134.76	12.85					
22	133.74	13.08					
24	132.84	13.28					
26	131.87	13.50					
28	131.09	13.68					
30	130.37	13.84					
32	129.40	14.07					
34	128.09	14.37					
36	127.06	14.61					
38	125.98	14.86					
40	124.92	15.11					
42	123.70	15.40					
44	122.35	15.73					
46	121.28	15.98					
48	120.06	16.28					
50	118.89	16.56					
52	117.63	16.87					
54	116.74	17.10					
56	116.06	17.26					
58	115.34	17.44					
60	114.60	17.63					
62	113.85	17.82					
~~64~~ 63.2	113.67	17.87					CR .0407
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030 - 11

Property-Project DEETH 1030 Depth Logged 97 m

Map MORGAN HILL Scale 7.5' Date: Drilled 15-11-79 Logged 20-12-79

State NV County ELKO , of of NW of SE of Sec 2 T 37N R 58E

Instrument #30 Operator C Elevation 5690 (ft / m)

Comments

Card A

RT JUSTIFY

Proj No	Well No	Date Logged DA	MO	YR	*
1030	11	20	12	79	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
1.6 KM NW HIDDEN WELL	CT/	DP	15	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min **
cm	7.5	41.	0.0	115.	30.0

Use decimals

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

Northing	Easting	Elev	
55.2	36.6	5690.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
16.0	40.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
40.0	96.0	-11.0	-0.5

Segment 3: .999

Segment 4 Start →

Segment 5

Segment 6 Start →

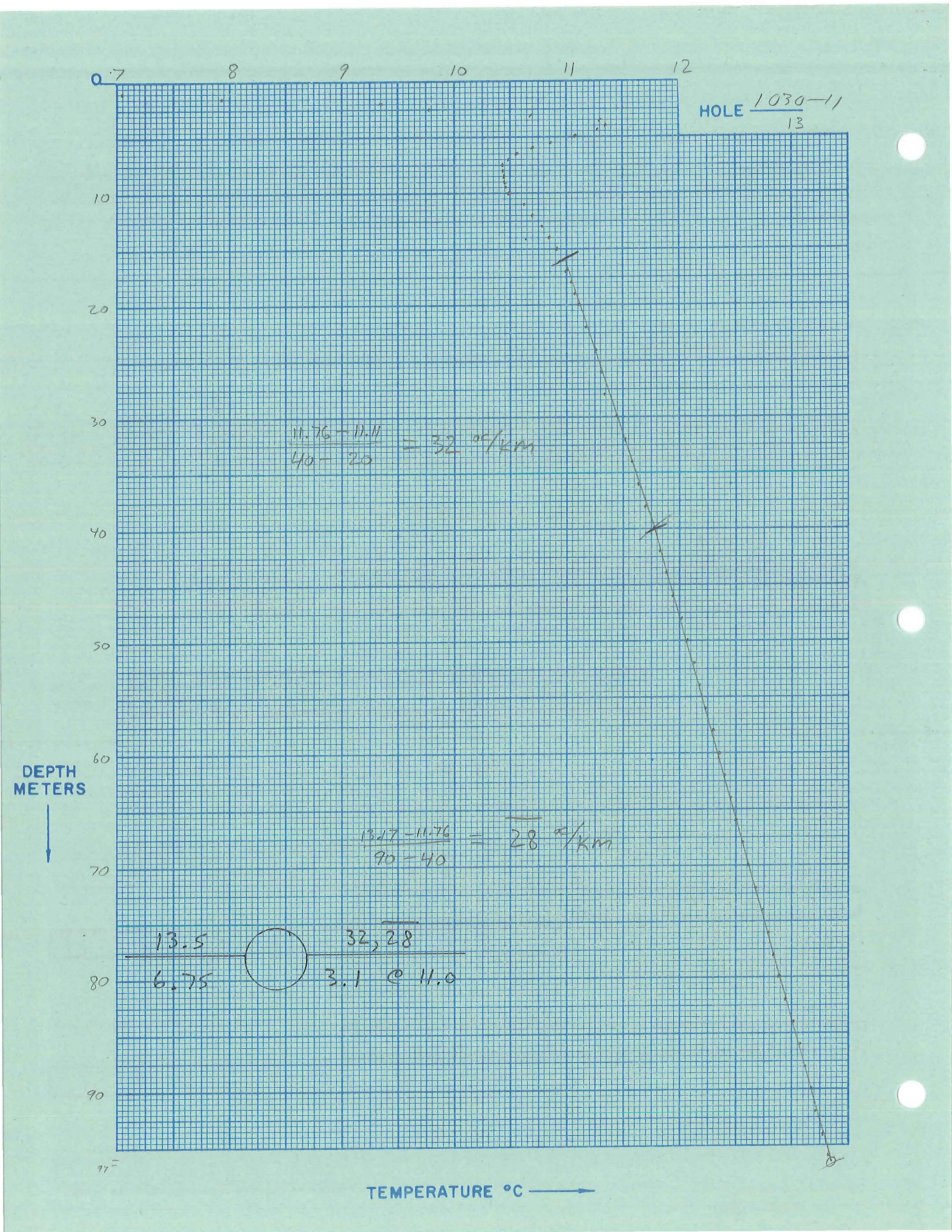
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


7
8
9
10
11
12
HOLE 1030-11/13
10
20
30
40
50
60
70
80
90
DEPTH METERS
11.76 − 11.11 / 40 − 20 = 32 °C/km
13.17 − 11.76 / 90 − 40 = 28 °C/km
13.5
6.75
32, 28
3.1 @ 11.0
TEMPERATURE °C

Date Logged: DEC 20 79

ΔT Well No. 1030-11

CR .0410

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	162.23	7.04					
1.5	157.84	7.93					
2	150.93	9.36					
2.5	148.89	9.78					
3	144.56	10.70					
3.5	141.76	11.31					
4	141.55	11.35					
4.5	141.91	11.27					
5	142.77	11.09					
5.5	143.84	10.86					
6	144.55	10.70					
6.5	145.22	10.56					
7	145.55	10.49					
7.5	145.77	10.44					
8	145.80	10.44					
8.5	145.78	10.44					
9	145.76	10.45					
9.5	145.67	10.46					
10	145.50	10.50					
11	144.93	10.62					
12	144.57	10.70					
13	144.17	10.79					
14	143.88	10.85					
15	143.61	10.91					
16	143.32	10.97					
17	143.18	11.00					
18	142.98	11.04					

K=Conductivity

Date Logged: DEC 20 79

ΔT Well No. 1030-11

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	142.81	11.08					
20	142.66	11.11					
22	142.33	11.18					
24	141.97	11.26					
26	141.68	11.32					
28	141.36	11.39					
30	141.09	11.45					
32	140.79	11.52					
34	140.51	11.58					
36	140.23	11.64					
38	139.96	11.70					
40	139.69	11.76					
42	139.34	11.83					
44	139.09	11.89					
46	138.80	11.95					
48	138.51	12.02					
50	138.26	12.07					
52	137.98	12.13					
54	137.76	12.18					
56	137.49	12.24					
58	137.24	12.30					
60	137.00	12.35					
62	136.79	12.40					
64	136.52	12.46					
66	136.30	12.50					
68	136.05	12.56					
70	135.83	12.61					

K=Conductivity

Date Logged: DEC 20 79

ΔT Well No. 1030 - 11

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
72	135.54	12.67					
74	135.27	12.74					
76	135.03	12.79					
78	134.79	12.84					
80	134.56	12.89					
82	134.29	12.95					
84	134.06	13.01					
86	133.78	13.07					
88	133.56	13.12					
90	133.34	13.17					
92	133.10	13.22					
94	132.90	13.27					
96	132.68	13.32					
97	132.60	13.34					CR .0411
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-12

Property-Project DEETH 1030 Depth Logged 88 m

Map DEETH Scale 7.5' Date: Drilled 16-11-79 Logged 21-12-79

State NV County ELKO, ____ of ____ of NE of SE of Sec 6 T 37N R 59E

Instrument #30 Operator C Elevation 5750 (ft) (m)

Comments ____

Card A

RT JUSTIFY	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	
1030		12 21	12	79	C M	

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled 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
1.6 KM WNW MARBLE WELL BM 5647	CT	DP	16	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	N Lat Degree	N Lat Min	W Long Degree	W Long 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	41.	0.0	115.	22.5

Map Location * *

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
55.8	8.4	5750.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	Conductivity 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	40.0		

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
40.0	46.0		

Segment 3

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
46.0	88.0	-3.5	-0.5

Segment 4 Start → .999

Segment 5

Segment 6 Start →

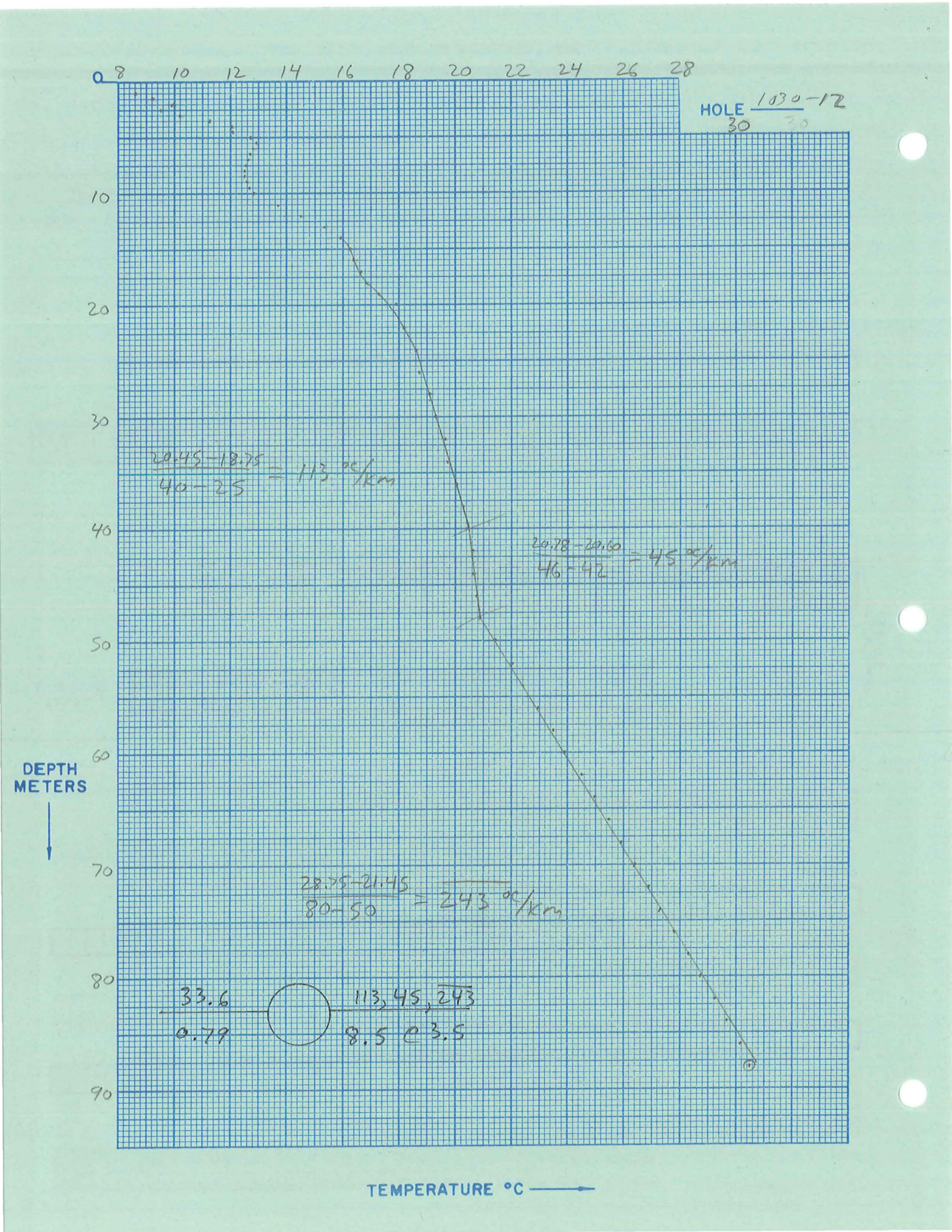
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0 8 10 12 14 16 18 20 22 24 26 28
HOLE 1030-12
30 30
10
20
30
40
50
60
70
80
90
DEPTH METERS
20.45 - 18.75 / 40 - 25 = 113 °C/Km
20.78 - 20.60 / 46 - 42 = 45 °C/Km
28.75 - 21.45 / 80 - 50 = 243 °C/Km
33.6
0.79
113, 45, 243
8.5 ∈ 3.5
TEMPERATURE °C

Date Logged: DEC 21 79

ΔT Well No. 1030-12

CR. .0403

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	154.50	8.62					
1.5	152.08	9.12					
2	148.10	9.95					
2.5	149.85	9.58					
3	147.03	10.18					
3.5	141.96	11.26					
4	138.25	12.07					
4.5	138.46	12.03					
5	135.28	12.74					
5.5	134.54	12.90					
6	134.95	12.81					
6.5	135.32	12.72					
7	135.60	12.66					
7.5	135.89	12.60					
8	136.05	12.56					
8.5	135.98	12.57					
9	135.82	12.61					
9.5	135.53	12.68					
10	134.82	12.84					
11	130.70	13.77					
12	127.22	14.57					
13	124.63	15.18					
14	121.53	15.92					
15	120.25	16.23					
16	119.84	16.33					
17	118.54	16.65					
18	117.67	16.86					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030 - 12

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	115.92	17.30					
20	113.37	17.94					
22	112.40	18.19					
24	110.66	18.64					
26	110.20	18.76					
28	108.87	19.10					
30	108.04	19.32					
32	106.88	19.63					
34	106.37	19.77					
36	105.44	20.02					
38	104.35	20.31					
40	103.91	20.43					
42	103.29	20.60					
44	102.99	20.68					
46	102.64	20.78					
48	102.24	20.89					
50	100.26	21.44					
52	98.13	22.04					
54	96.73	22.44					
56	94.96	22.96					
58	93.19	23.48					
60	91.71	23.93					
62	89.98	24.46					
64	88.39	24.95					
66	86.75	25.46					
68	85.28	25.93					
70	83.95	26.40					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030-12

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
72	82.40	26.88					
74	81.12	27.31					
76	79.67	27.80					
78	78.24	28.29					
80	76.97	28.74					
82	75.58	29.23					
84	74.42	29.65					
86	73.11	30.14					
88	72.27	30.45					CR .0411
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-13

Property-Project DEETH 1030 Depth Logged 98m

Map MORGAN HILL Scale 7.5' Date: Drilled 18-11-79 Logged 21-12-79

State NV County ELKO, ____ of ____ of SW of SE of Sec 4 T 37N R 58E

Instrument #30 Operator C Elevation 6000 (ft) (m)

Comments

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*	Site Description	Operator	Editor	Drilled DA	MO	YR
	1030	13	21	12	79	CM	2.1 KM NORTH MORGAN HILL	CT/	DP	18	11	79

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

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min **	Northing	Easting	Elev	
cm	7.5	41.	0.0	115.	30.0	54.4	22.0	6000.	F

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

Use decimals

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK	Best cond. (-K) Downward extrapolations (-ΔK)
17.0	36.0			

Segment 2

Start	End	K	ΔK
36.0	98.0	-11.0	-0.5

Segment 3: .999

Segment 4 Start →

Segment 5

Segment 6 Start →

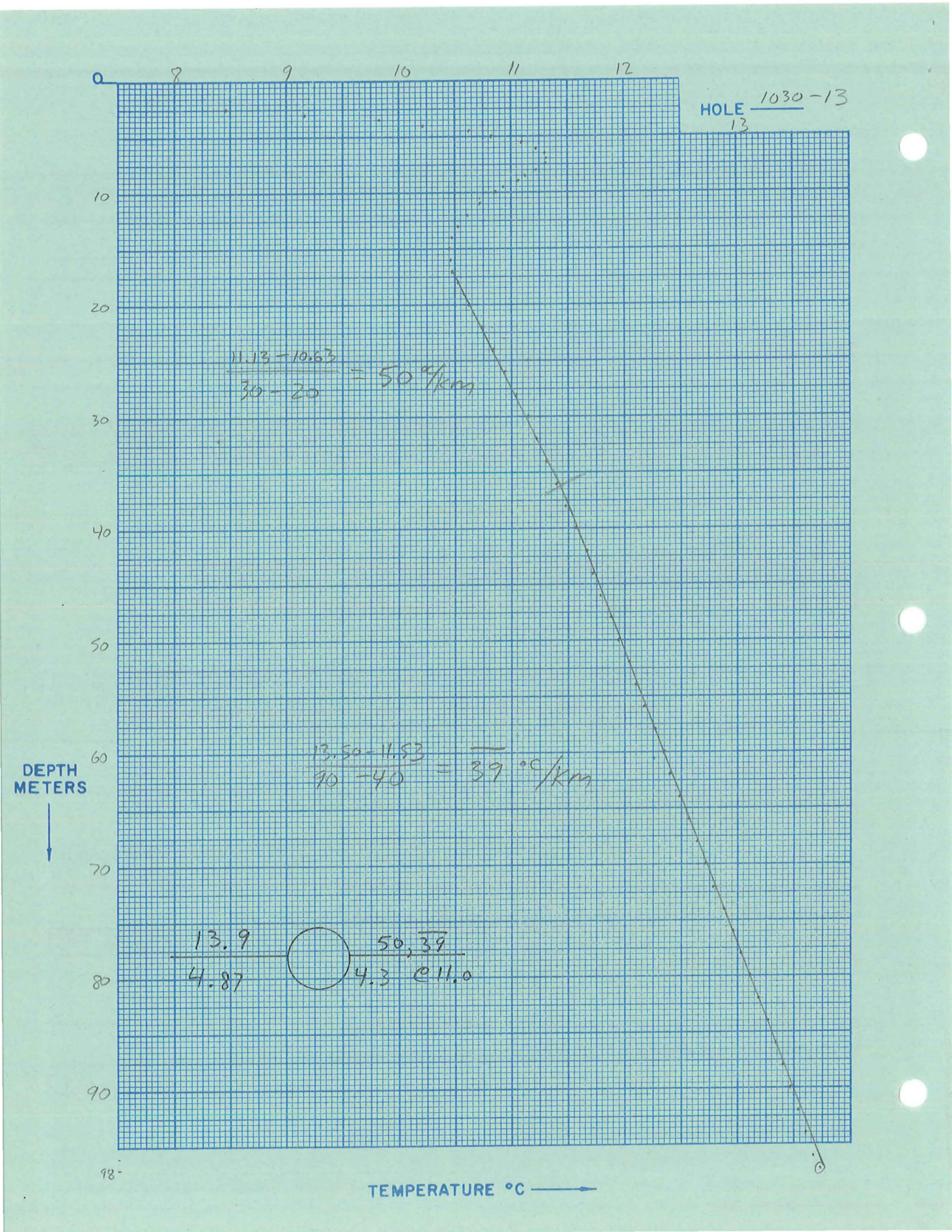
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE 1030-13
13
0
8
9
10
11
12
10
20
30
40
50
60
70
80
90
DEPTH METERS
TEMPERATURE °C
11.13 − 10.63 / 30 − 20 = 50 °/km
13.50 − 11.53 / 40 − 40 = 39 °C/km
13.9
4.87
50, 39
4.3 @ 11.0

Date Logged: DEC 21 79

ΔT Well No. 1030-13

CR .0404

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	171.03	5.30					
1.5	166.26	6.24					
2	160.90	7.31					
2.5	155.23	8.46					
3	151.83	9.17					
3.5	148.69	9.83					
4	146.81	10.22					
4.5	144.87	10.64					
5	144.01	10.82					
5.5	142.72	11.10					
6	142.16	11.22					
6.5	141.80	11.30					
7	141.73	11.31					
7.5	141.80	11.30					
8	142.16	11.22					
8.5	142.64	11.12					
9	142.86	11.07					
9.5	143.47	10.94					
10	143.84	10.86					
11	144.47	10.72					
12	145.01	10.61					
13	145.37	10.53					
14	145.59	10.48					
15	145.67	10.46					
16	145.65	10.47					
17	145.54	10.49					
18	145.37	10.53					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030 - 13

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	145.14	10.58					
20	144.91	10.63					
22	144.39	10.74					
24	143.90	10.84					
26	143.43	10.94					
28	142.95	11.05					
30	142.50	11.15					
32	142.10	11.23					
34	141.74	11.31					
36	141.34	11.40					
38	140.96	11.48					
40	140.59	11.56					
42	140.15	11.66					
44	139.85	11.72					
46	139.53	11.79					
48	139.11	11.88					
50	138.79	11.95					
52	138.40	12.04					
54	138.11	12.10					
56	137.76	12.18					
58	137.42	12.26					
60	137.02	12.35					
62	136.76	12.40					
64	136.35	12.49					
66	136.04	12.56					
68	135.69	12.64					
70	135.36	12.71					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030-13

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
72	135.01	12.79					
74	134.64	12.88					
76	134.27	12.96					
78	133.94	13.03					
80	133.58	13.11					
82	133.23	13.19					
84	132.90	13.27					
86	132.60	13.34					
88	132.31	13.40					
90	132.01	13.47					
92	131.71	13.54					
94	131.43	13.60					
96	131.13	13.67					
98	130.92	13.72					CR .0408
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-15

Property-Project DEETH 1030 Depth Logged 98 m

Map DEETH Scale 7.5' Date: Drilled 15-11-79 Logged 20-12-79

State NV County ELKO, ___ of ___ of SE of NE of Sec 12 T 37N R 58E

Instrument #30 Operator CT Elevation 5810 ~~(ft (m)~~

Comments

Card A

RT JUSTIFY	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	
1030		15	20	12	79	C M

Date Logged

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

Site Description	Operator	Editor	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	64 65	67 68
2.2 KM NW SAGEBRUSH WELL	CT/	DP	15	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** 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	41.	0.0	115.	22.5

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	80
50.4	2.0	5810.	F

Use decimals

← Write M if 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
36.0	56.0		

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
56.0	72.0	

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	
72.0	98.0	-3.0	-0.5	

Segment 4 Start → .999

Segment 5

Segment 6 Start →

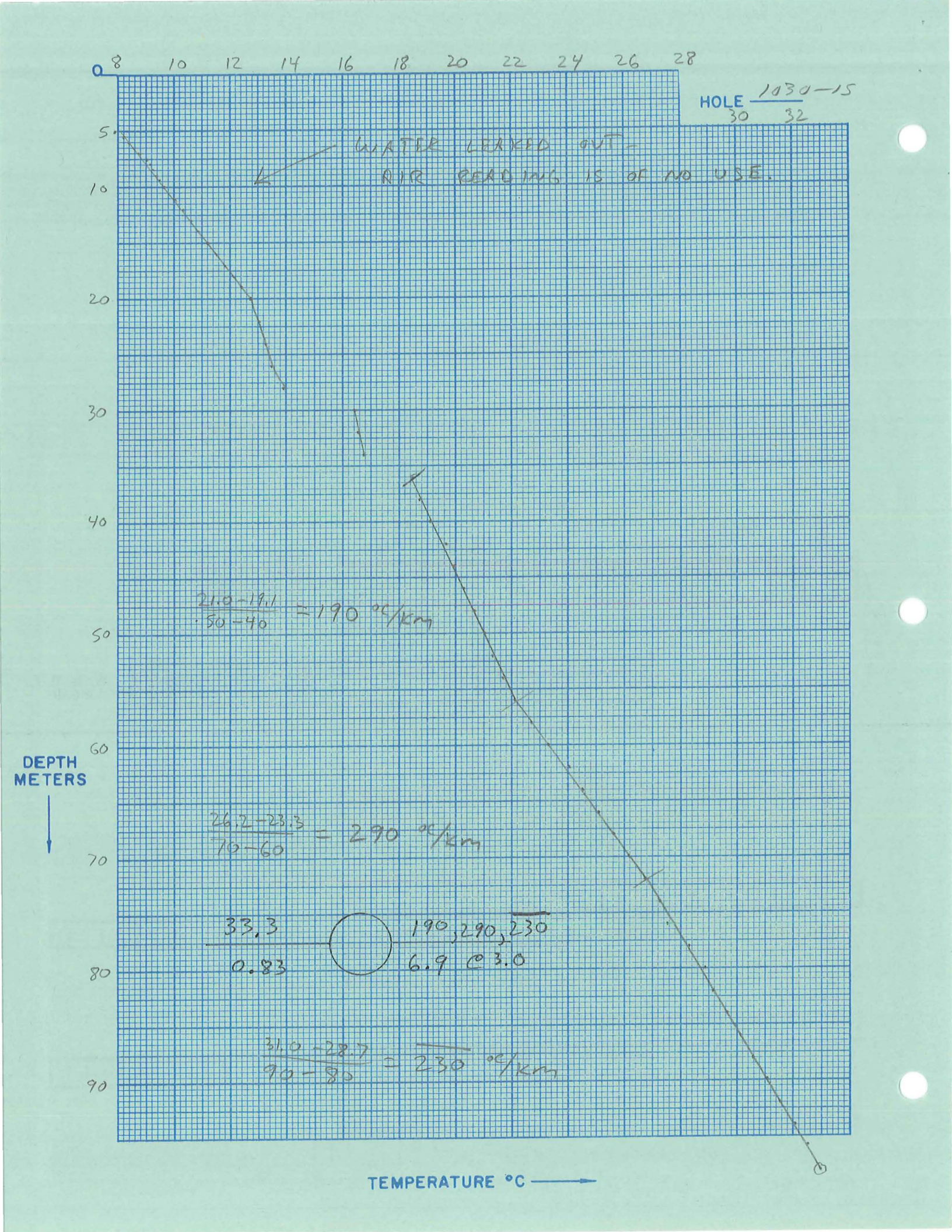
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE 1030—15
30 32
WATER LEAKED OUT - AIR READING IS OF NO USE.
21.0 - 19.1 / 50 - 40 = 190 °C/Km
26.2 - 23.3 / 70 - 60 = 290 °C/Km
33.3
0.83
190, 290, 230
6.9 @ 3.0
31.0 - 28.7 / 90 - 80 = 230 °C/Km
DEPTH METERS
TEMPERATURE °C

Date Logged: DEC 20 79

ΔT Well No. 1030-15

CR .0408

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	172.86	4.95				A	
1.5	171.81	5.15				↓	WATER LEAKED
2	170.58	5.39				↓	OUT
2.5	169.18	5.67					
3	167.46	6.00					
3.5	165.27	6.44					
4	162.93	6.90					
4.5	160.36	7.42					
5	158.06	7.89					
5.5	156.57	8.19					
6	155.38	8.43					
6.5	154.39	8.64					
7	153.51	8.82					
7.5	152.59	9.01					
8	151.96	9.14					
8.5	151.33	9.27					
9	150.66	9.41					
9.5	150.02	9.55					
10	149.52	9.65					
11	145.27	10.55					
12	144.55	10.70					
13	143.66	10.90					
14	142.80	11.08					
15	141.95	11.26					
16	140.94	11.48					
17	139.89	11.71					
18	138.79	11.95				A	

K=Conductivity

Date Logged: DEC 20 79

ΔT Well No. 1030 -15

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	136.61	12.57				A	
20	135.18	12.76				↓	
22	133.86	13.05				↓	
24	132.88	13.27					
26	131.70	13.54					
28	129.90	13.95					
30	119.54	16.41				A	WAITED 10 MINUTES @
32	118.90	16.56					30 m, IN AIR. REMAINDER
34	117.98	16.79				A	MEASURED @ 10 SEC
36	111.22	18.49				W	INTERVALS, UNTIL H_2O @
38	110.31	18.73					36 m
40	108.80	19.12					
42	106.81	19.65					
44	105.65	19.96					
46	104.38	20.30					
48	102.95	20.69					
50	101.77	21.02					
52	100.74	21.30					
54	99.51	21.65					
56	97.93	22.10					
58	95.87	22.69					
60	93.82	23.30					
62	91.43	24.01					
64	89.56	24.58					
66	87.93	25.09					
68	86.21	25.64					
70	84.59	26.16					

K=Conductivity

Date Logged: DEC 20 79

ΔT Well No. 1030 - 15

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
72	82.82	26.74					
74	81.24	27.27					
76	79.87	27.73					
78	78.16	28.32					
80	76.74	28.82					
82	75.74	29.18					
84	74.42	29.65					
86	73.22	30.10					
88	71.94	30.57					
90	70.70	31.04					
92	69.45	31.53					
94	68.13	32.04					
96	67.01	32.49					
98	65.95	32.92					CR .0413
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-16

Property-Project DEETH 1030 Depth Logged 92 m

Map DEETH Scale 7.5' Date: Drilled 16-11-79 Logged 21-12-79

State NV County ELKO, ___ of ___ of NE of SW of Sec 8 T 37N R 59E

Instrument #30 Operator CT Elevation 5595 (ft) (m)

Comments

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*
	1030	1621	12	79	C	M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
1.4 Km MNE SAGEBRUSH WELL	CT	DP	16	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min **
cm	7.5	41.	0.0	115.	22.5

Use decimals

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

Northing	Easting	Elev	
48.3	10.9	5595.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
16.0	70.0	-3.0	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

End	K	ΔK
70.0	78.0	

Segment 3

Start	End
78.0	90.0

Segment 4

Start	End
80.0	92.6

Segment 5

.999

Segment 6

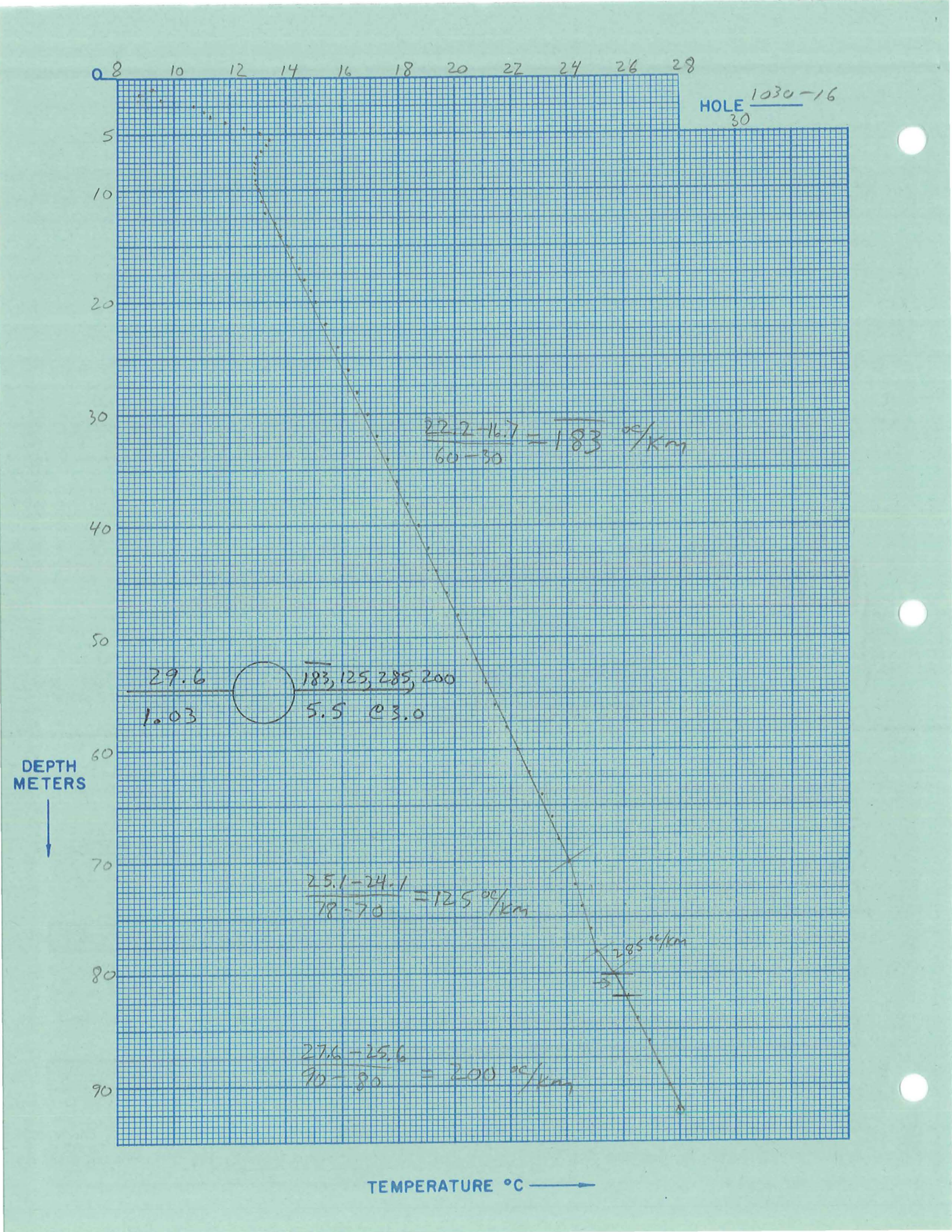
Segment 7

Segment 8

Segment 9

Segment 10

After final segment Start = .999


0 8 10 12 14 16 18 20 22 24 26 28
HOLE 1030-16
30
5
10
20
30
40
50
60
70
80
90
DEPTH METERS
TEMPERATURE °C
22.2-16.7 / 60-30 = 183 °C/km
29.6
1.03
183, 125, 285, 200
5.5 @ 3.0
25.1-24.1 / 78-70 = 125 °C/km
285 °C/km
27.6-25.6 / 90-80 = 200 °C/km

Date Logged: DEC 21 79

ΔT Well No. 1030 - 16

CR .0401

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	151.62	9.21					
1.5	153.87	8.75					
2	149.90	9.57					
2.5	144.47	10.72					
3	142.90	11.06					
3.5	141.85	11.29					
4	139.27	11.85					
4.5	136.50	12.46					
5	133.76	13.07					
5.5	132.21	13.42					
6	132.59	13.34					
6.5	133.62	13.11					
7	134.18	12.98					
7.5	134.39	12.93					
8	134.52	12.90					
8.5	134.55	12.90					
9	134.40	12.93					
9.5	134.25	12.96					
10	134.06	13.01					
11	133.40	13.16					
12	132.72	13.31					
13	131.19	13.66					
14	130.47	13.82					
15	129.60	14.02					
16	128.52	14.27					
17	127.36	14.54					
18	126.74	14.69					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030 - 16

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	125.82	14.90					
20	125.12	15.07					
22	123.54	15.44					
24	121.83	15.85					
26	120.32	16.22					
28	119.12	16.51					
30	117.55	16.89					
32	116.06	17.26					
34	114.70	17.61					
36	113.27	17.97					
38	111.81	18.34					
40	110.33	18.72					
42	108.99	19.07					
44	107.81	19.38					
46	106.37	19.77					
48	105.09	20.11					
50	103.89	20.43					
52	102.55	20.80					
54	101.22	21.17					
56	100.28	21.43					
58	98.89	21.83					
60	97.40	22.25					
62	95.86	22.70					
64	94.25	23.17					
66	93.19	23.48					
68	92.35	23.74					
70	91.37	24.03					

K=Conductivity

Date Logged: DEC 21 79

ΔT Well No. 1030 - 16

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
72	90.41	24.32					
74	89.59	24.58					
76	88.69	24.86					
78	87.99	25.07					
80	86.19	25.64					
82	84.49	26.19					
84	83.36	26.56					
86	82.23	26.93					
88	81.25	27.26					
90	80.20	27.62					
92	79.11	27.99					
92.6 ~~94~~	79.09	28.00					CR, 0409
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-17

Property-Project DEETH 1030 Depth Logged 89m

Map MORGAN HILL Scale 7.5' Date: Drilled 25-11-79 Logged 20-12-79

State NV County ELKO , of of SW of NW of Sec 24 T 37N R 58E

Instrument #30 Operator C Elevation 5420 (ft) (m)

Comments

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
1030	17	20	12	79	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
0.2 KM W WINTER CREEK WELL	CT/DP		25	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	N Lat Min	W Long Degree	W Long Min **
CM	7.5	41.	0.0	115.	30.0

Use decimals

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

Northing	Easting	Elev	
37.8	39.9	5420.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
13.0	42.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
42.0	56.0		

Segment 3

Start	End	K	ΔK
56.0	89.3	-3.2	-0.5

Segment 4

Start
.999

Segment 5

Segment 6

Start →

Segment 7

Segment 8

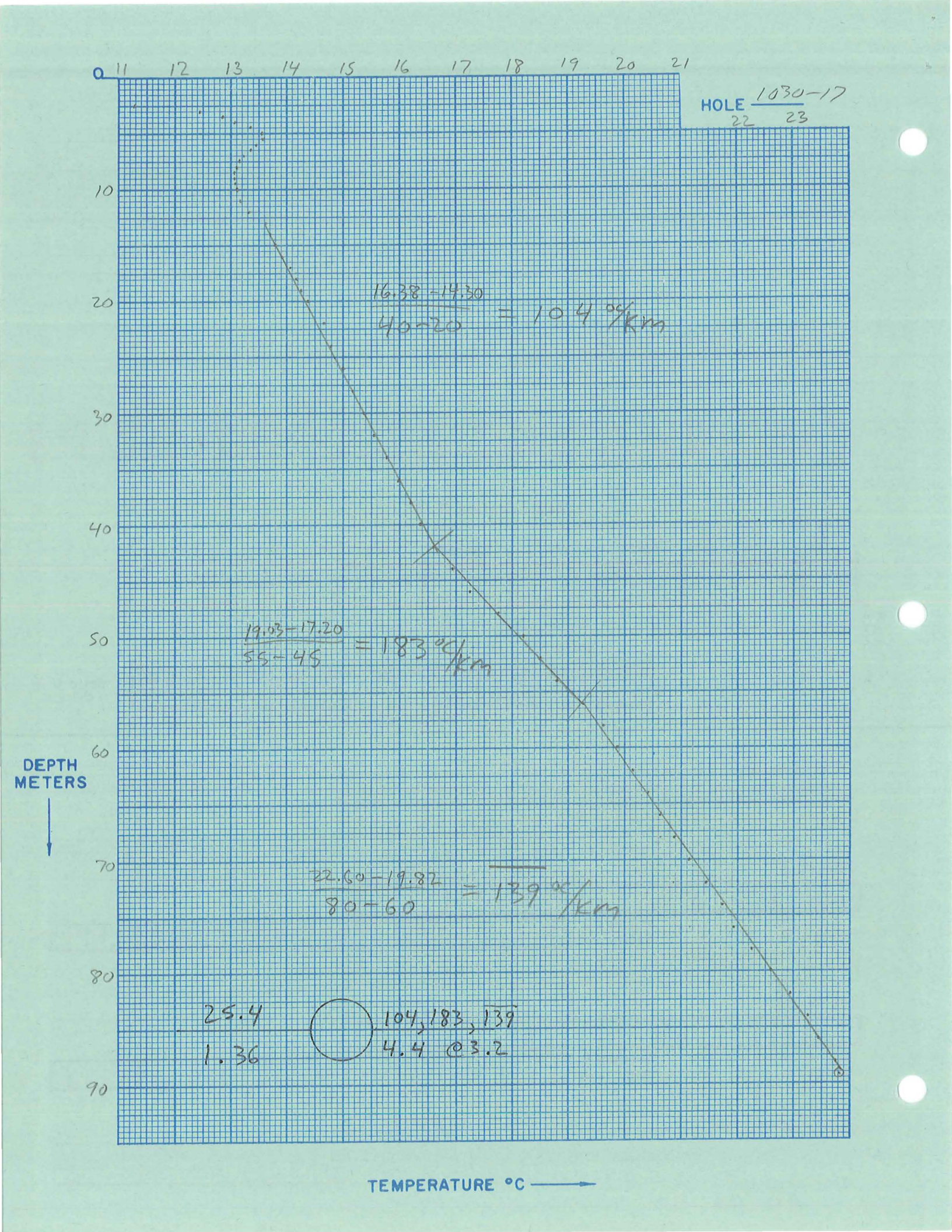
Start →

Segment 9

Segment 10

Start →

After final segment Start = .999


HOLE 1030-17
22 23
DEPTH METERS
TEMPERATURE °C
16.38 - 14.30 / 40 - 20 = 104 °C/km
19.03 - 17.20 / 55 - 45 = 183 °C/km
22.60 - 19.82 / 80 - 60 = 139 °C/km
25.4
1.36
104, 183, 139
4.4 @ 3.2

Date Logged: DEC 20 79

ΔT Well No. 1030 ~ 17

CR .0412

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	167.05	6.09					
1.5	161.78	7.14					
2	157.02	8.10					
2.5	141.93	11.27					
3	136.51	12.46					
3.5	134.67	12.87					
4	133.72	13.08					
4.5	132.64	13.33					
5	131.60	13.56					
5.5	131.54	13.58					
6	132.05	13.46					
6.5	132.62	13.33					
7	133.17	13.21					
7.5	133.35	13.17					
8	133.65	13.10					
8.5	133.90	13.04					
9	133.96	13.03					
9.5	133.87	13.05					
10	133.74	13.08					
11	133.37	13.16					
12	132.67	13.32					
13	131.38	13.61					
14	131.02	13.70					
15	130.62	13.79					
16	130.10	13.91					
17	129.49	14.05					
18	128.97	14.17					

K=Conductivity

Date Logged: DEC 20 79

ΔT Well No. 1030-17

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	128.57	14.26					
20	128.01	14.39					
22	126.82	14.67					
24	126.24	14.80					
26	125.38	15.00					
28	124.67	15.17					
30	123.77	15.39					
32	123.09	15.55					
34	122.07	15.79					
36	121.24	15.99					
38	120.40	16.20					
40	119.64	16.38					
42	118.73	16.60					
44	117.33	16.95					
46	116.16	17.24					
48	114.04	17.77					
50	112.30	18.22					
52	111.18	18.50					
54	110.04	18.80					
56	108.30	19.25					
58	106.93	19.62					
60	105.91	19.89					
62	104.94	20.15					
64	103.96	20.42					
66	103.06	20.66					
68	102.24	20.89					
70	101.28	21.15					

K=Conductivity

Date Logged: DEC 20 79

ΔT Well No. 1030 - 17

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
72	100.25	21.44					
74	99.27	21.72					
76	98.56	21.92					
78	97.42	22.25					
80	96.20	22.60					
82	94.97	22.96					
84	93.98	23.25					
86	93.30	23.45					
88	92.26	23.76					
~~89.3 89.0~~	92.~~05~~ 10	23.81					
9999							CR .0414

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-18

Property-Project DEETH 1030 Depth Logged 92m

Map DEETH Scale 7.5' Date: Drilled 16-11-79 Logged 20-12-79

State NV County ELKO, ___ of ___ of NW of SW of Sec 18 T 37N R 59E

Instrument #30 Operator CT Elevation 5705 (ft) (m)

Comments

Card A

RT JUSTIFY	Proj No	Well No	DA	MO	YR	*
	1030	18	20	12	79	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
1.3 KM WEST SAGEBRUSH WELL	CT/	DP	16	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	N Lat Min	W Long Degree	W Long Min **
CM	7.5	41.	0.0	115.	22.5

Use decimals

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

Northing	Easting	Elev	
42.7	2.3	5705.	F ← Write M if if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK	Best cond. (-K) Downward extrapolations (-ΔK)
10.0	24.0			

Segment 2

Start	End	K	ΔK
24.0	92.0	-3.0	-0.5

Segment 3: .999

Segment 4 Start →

Segment 5

Segment 6 Start →

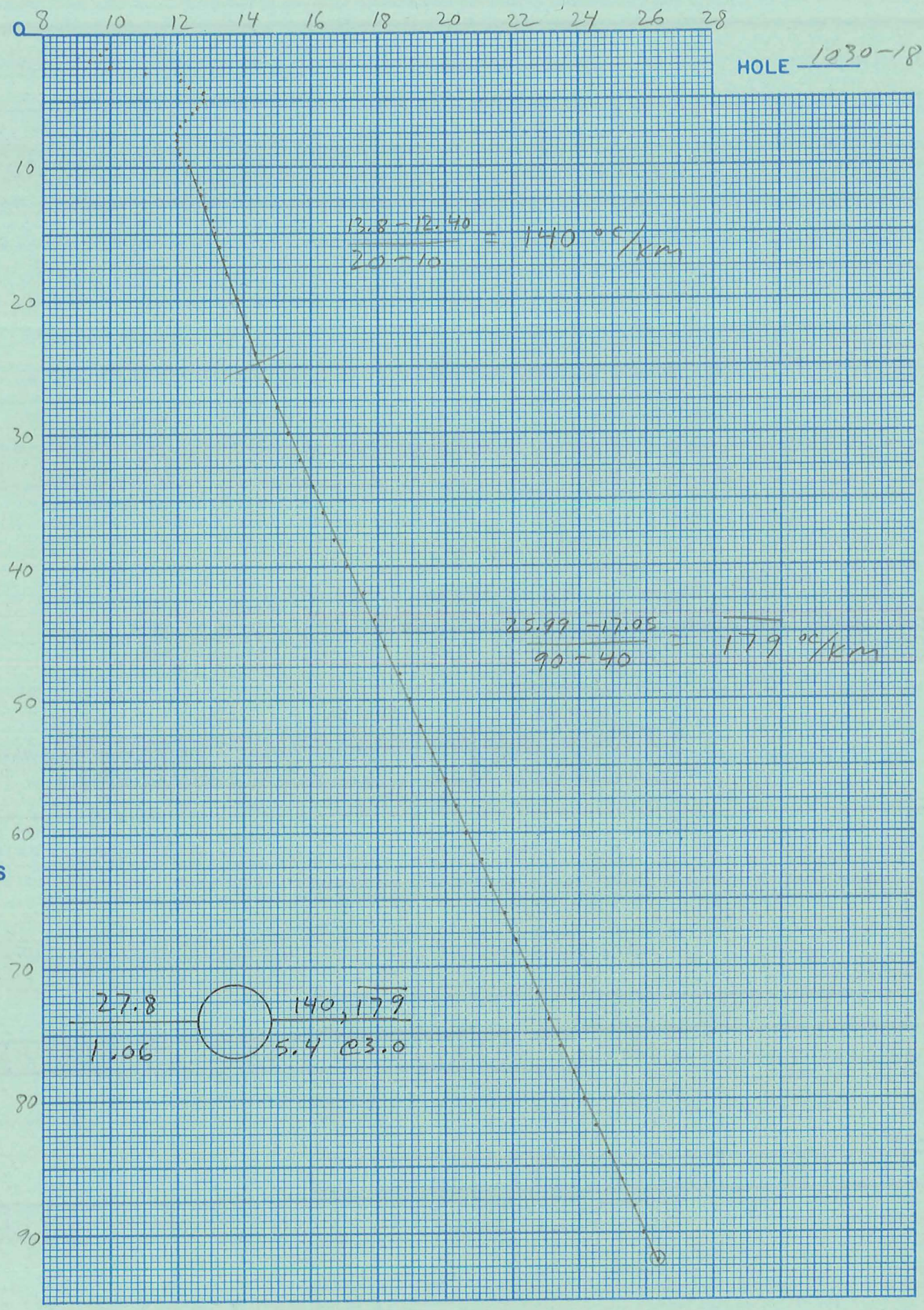
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE 1030-18
8 10 12 14 16 18 20 22 24 26 28
0 10 20 30 40 50 60 70 80 90
DEPTH METERS
TEMPERATURE °C
13.8 − 12.40 / 20 − 10 = 140 °C/Km
25.99 − 17.05 / 90 − 40 = 179 °C/Km
27.8
1.06
140, 179
5.4 @3.0

Date Logged: DEC 20 79

ΔT Well No. 1030 – 18

CR .0410

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	148.48	9.87					
1.5	149.18	9.72					
2	150.73	9.40					
2.5	148.01	9.97					
3	142.75	11.09					
3.5	138.13	12.10					
4	136.78	12.40					
4.5	135.05	12.78					
5	135.11	12.77					
5.5	135.78	12.62					
6	136.52	12.46					
6.5	137.40	12.26					
7	138.02	12.12					
7.5	138.48	12.02					
8	138.54	12.01					
8.5	138.40	12.04					
9	138.16	12.09					
9.5	137.36	12.27					
10	136.98	12.35					
11	136.12	12.55					
12	135.40	12.71					
13	134.77	12.85					
14	133.73	13.08					
15	133.52	13.13					
16	132.88	13.27					
17	132.26	13.41					
18	131.77	13.52					

K=Conductivity

Date Logged: DEC 20 79

ΔT Well No. 1030-18

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	131.24	13.65					
20	130.53	13.81					
22	129.27	14.10					
24	128.05	14.38					
26	126.78	14.67					
28	125.35	15.01					
30	123.82	15.37					
32	122.42	15.71					
34	121.06	16.04					
36	119.66	16.38					
38	118.36	16.69					
40	116.91	17.05					
42	114.78	17.59					
44	113 40	17.93					
46	112.11	18.19					
48	110.67	18.63					
50	109.39	18.97					
52	108.29	19.26					
54	106.89	19.63					
56	105.40	20.03					
58	104.15	20.36					
60	103.22	20.62					
62	101.57	21.07					
64	100.57	21.35					
66	99.02	21.79					
68	97.91	22.10					
70	96.76	22.43					

K=Conductivity

Date Logged: DEC 20 79 ΔT Well No. 1030-18

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
72	95.55	22.79					
74	94.46	23.11					
76	93.26	23.46					
78	91.89	23.87					
80	90.90	24.17					
82	89.74	24.53					
84	88.68	24.86					
86	87.29	25.29					
88	86.16	25.65					
90	85.10	25.99					
92	84.20	26.29					CR .0414
~~93.4~~ 9999999							

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-19

Property-Project DEETH 1030 Depth Logged 43 m

Map DEETH Scale 7.5' Date: Drilled 23-11-79 Logged 20-12-79

State NV County ELKO , of of SE of SE of Sec 24 T 37N R 58E

Instrument #30 Operator C Elevation 5450 ~~(ft)~~ (m)

Comments

Card A

RT 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	
1030		19	20	12	29	C M

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

Site Description	Operator	Editor	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	64 65	66 67 68
2.7 KM SW SAGEBRUSH WELL	CT	DP	23	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** 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	41.	0.0	115.	22.5

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	80
34.1	1.4	5450.	F

Use decimals

← Write M if 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
10.0	22.0		

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
22.0	34.0	-3.5	-0.5

Segment 3

Start →
.999

Segment 4

Start →

Segment 5

Segment 6

Start →

Segment 7

Segment 8

Start →

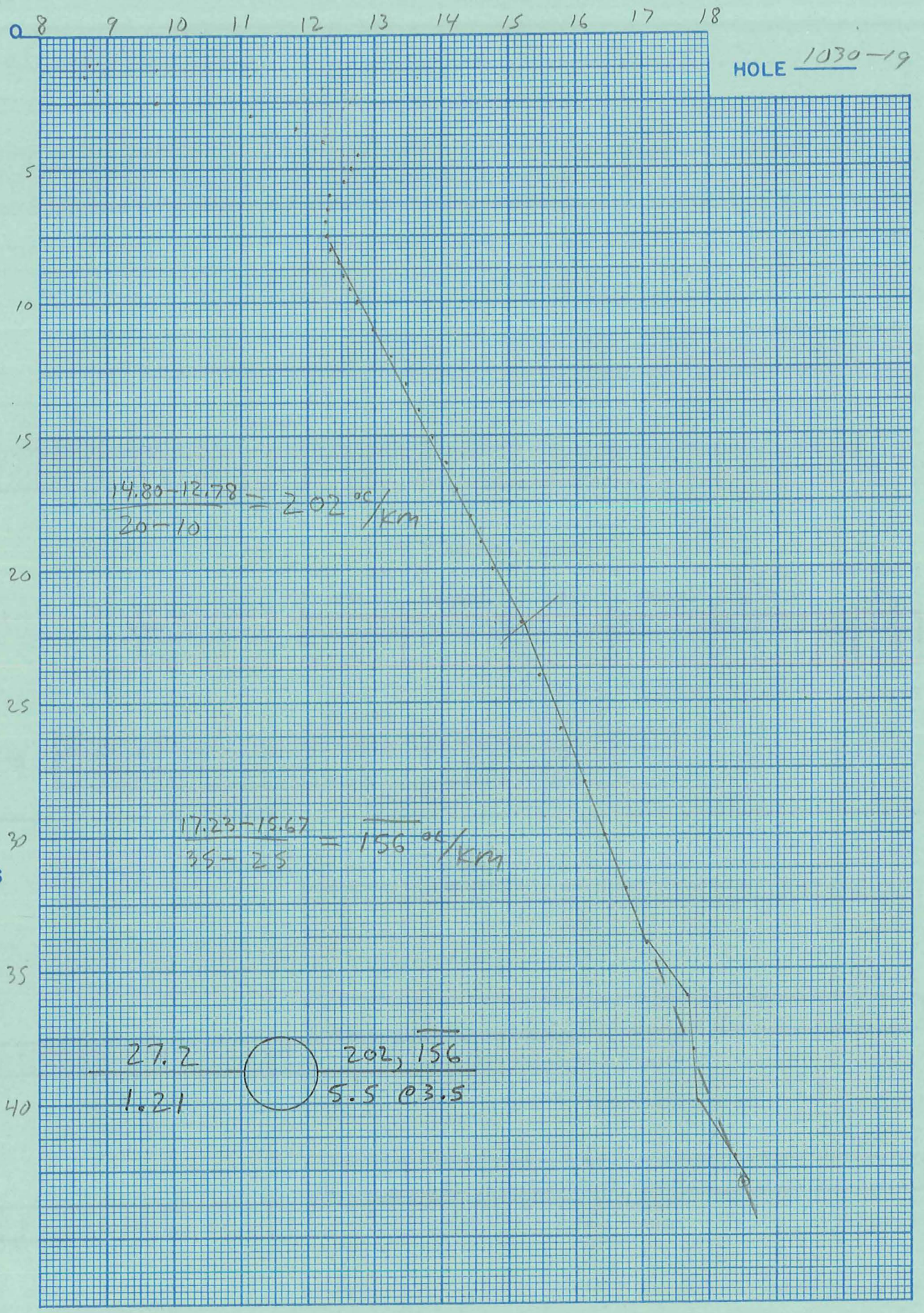
Segment 9

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

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

After final segment Start = .999


8
9
10
11
12
13
14
15
16
17
18
HOLE 1030-19
5
10
15
20
25
30
35
40
14.80-12.78 / 20-10 = 2.02 °C/KM
17.23-15.67 / 35-25 = 1.56 °C/KM
27.2
1.21
2.02, 1.56
5.5 @ 3.5
DEPTH METERS
TEMPERATURE °C

Date Logged: DEC 20 79

ΔT Well No. 1030-19

CR - .0411

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	153.94	8.73					
1.5	154.19	8.68					
2	153.21	8.88					
2.5	149.01	9.76					
3	142.41	11.17					
3.5	139.47	11.81					
4	137.63	12.21					
4.5	135.21	12.75					
5	135.72	12.63					
5.5	136.21	12.52					
6	137.16	12.31					
6.5	137.22	12.30					
7	137.33	12.28					
7.5	137.22	12.30					
8	137.01	12.35					
8.5	136.58	12.44					
9	136.25	12.52					
9.5	135.83	12.61					
10	135.21	12.75					
11	134.19	12.98					
12	132.96	13.25					
13	131.98	13.48					
14	131.11	13.68					
15	130.26	13.87					
16	129.46	14.05					
17	128.72	14.22					
18	127.92	14.41					

K=Conductivity

Date Logged: DEC 20 79

ΔT Well No. 1030-19

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	127.19	14.58					
20	126.41	14.76					
22	124.98	15.10					
24	123.54	15.44					
26	122.11	15.78					
28	120.74	16.11					
30	119.44	16.43					
32	118.10	16.76					
34	116.84	17.07					
36	114.42	17.68					
38	114.09	17.76					
40	113.86	17.82					
42	111.60	18.39					
43	111.20	18.50					CR .0413
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030 - 20

Property-Project DEETH 1030 Depth Logged 40m

Map MORGAN HILL Scale _____ Date: Drilled 23-11-79 Logged 20-12-79

State NV County ELKO , ____ of ____ of NW of NE of Sec 26 T 37N R 58E

Instrument #30 Operator C Elevation 5390 ~~(m)~~ ft

Comments _____

Card A

RT JUSTIFY	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	
1030		20	20	12	79	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled 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 KM NW WARM SPRING (WEST)	CT/	DP	23	11	79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	N Lat Degree	N Lat Min	W Long Degree	W Long 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	41.	0.0	115.	30.0

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 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	
31.7	35.4	5390.		F

Write M if if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	Conductivity 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
13.0	18.0		

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
18.0	30.0		

Segment 3

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
30.0	39.7	-3.5	-0.5

Segment 4

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
.999

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

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

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

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

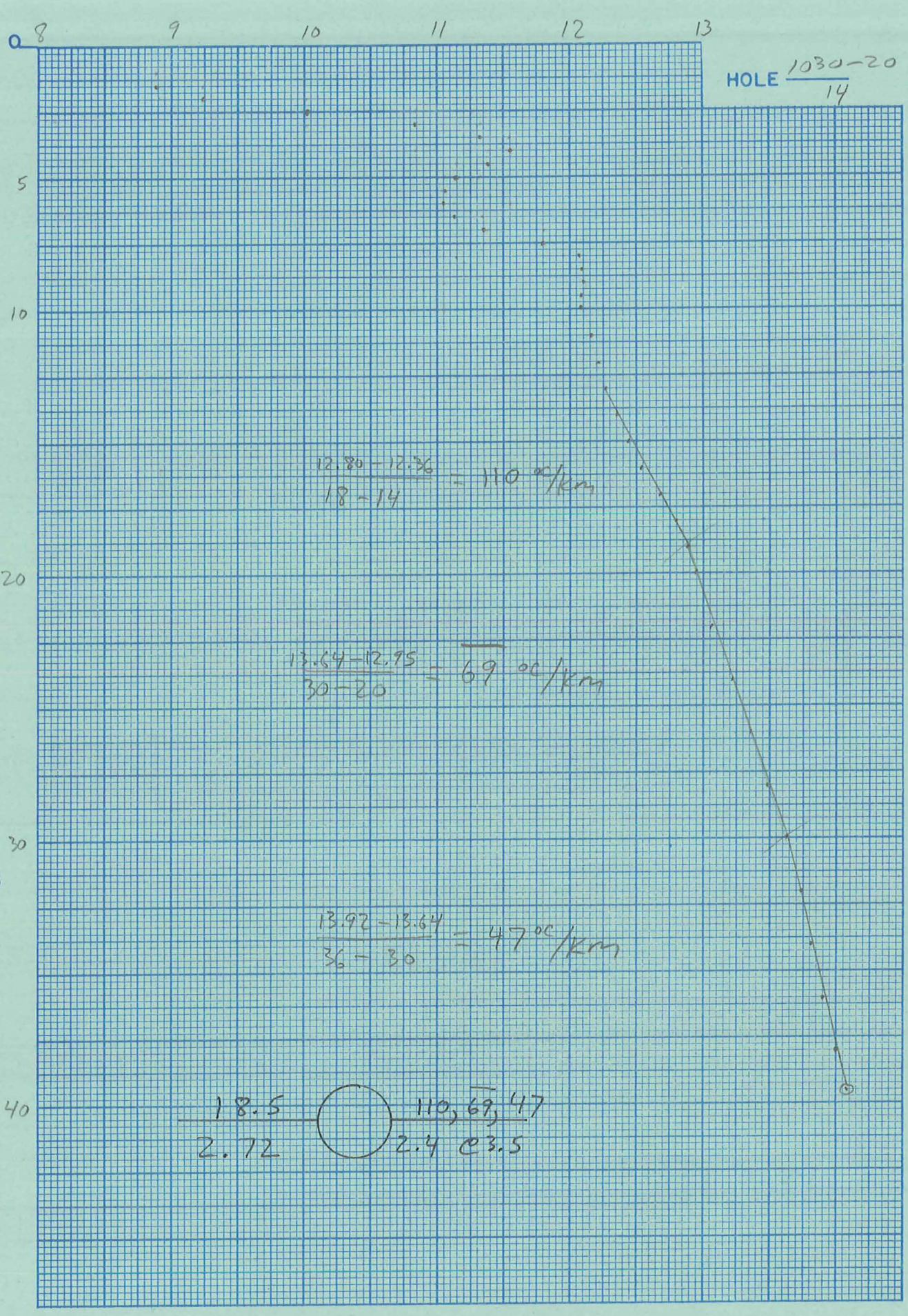
Segment 9

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

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

After final segment Start = .999


8
9
10
11
12
13
HOLE 1030-20 / 14
5
10
20
30
40
DEPTH METERS
12.80 − 12.36 / 18 − 14 = 110 °C/km
13.64 − 12.95 / 30 − 20 = 69 °C/km
13.92 − 13.64 / 36 − 30 = 47 °C/km
18.5
2.72
110, 69, 47
2.4 @ 3.5
TEMPERATURE °C

Date Logged: DEC 20 79

ΔT Well No. 1030 - 20

CR .0408

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1	158.50	7.80					
1.5	153.21	8.88					
2	151.48	9.24					
2.5	147.80	10.01					
3	143.94	10.84					
3.5	141.64	11.33					
4	140.63	11.55					
4.5	141.39	11.39					
5	142.50	11.15					
5.5	142.88	11.06					
6	142.96	11.05					
6.5	142.56	11.13					
7	141.54	11.35					
7.5	139.43	11.81					
8	138.27	12.07					
8.5	138.16	12.09					
9	138.15	12.10					
9.5	138.20	12.08					
10	138.23	12.08					
11	137.83	12.17					
12	137.57	12.22					
13	137.35	12.27					
14	136.96	12.36					
15	136.55	12.45					
16	136.12	12.54					
17	135.48	12.69					
18	135.00	12.80					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030-20

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	134.65	12.87					
20	134.31	12.95					
22	133.77	13.07					
24	133.08	13.23					
26	132.46	13.37					
28	131.91	13.49					
30	131.27	13.64					
32	130.84	13.74					
34	130.48	13.82					
36	130.14	13.90					
38	129.68	14.00					
~~40~~ 39.7	129.38	14.07					
9999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030 - 21

Property-Project DEETH 1030 Depth Logged 73 m

Map DEETH Scale 7.5' Date: Drilled 16-11-79 Logged 19-11-79

State NV County ELKO , ____ of ____ of NE of NE of Sec 36 T37N R 58E

Instrument #30 Operator CT Elevation 5365 ~~(ft)~~ (m)

Comments HOLE ABANDONED DURING PLUGGING OPERATION

Card A (RT JUSTIFY)

Proj No	Well No	DA	MO	YR	*
1030	21	19	11	79	C M

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

Site Description: AT ROAD INTERSECTION NW CORNER

Operator: CT / Editor: DP / Drilled DA: 16 MO: 11 YR: 79

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	N Lat Degree	N Lat Min	W Long Degree	W Long Min **
CM	7.5	41.	0.0	115.	22.5

Use decimals

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

Northing	Easting	Elev	
26.0	0.4	5365.	F

Use decimals ← Write M if if meters

Segment 1 = Depths

Start	End	K	ΔK
10.0	68.0		

Conductivity

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
68.0	73.5	-3.5	-0.5

Segment 3: .999

Segment 4 Start →

Segment 5

Segment 6 Start →

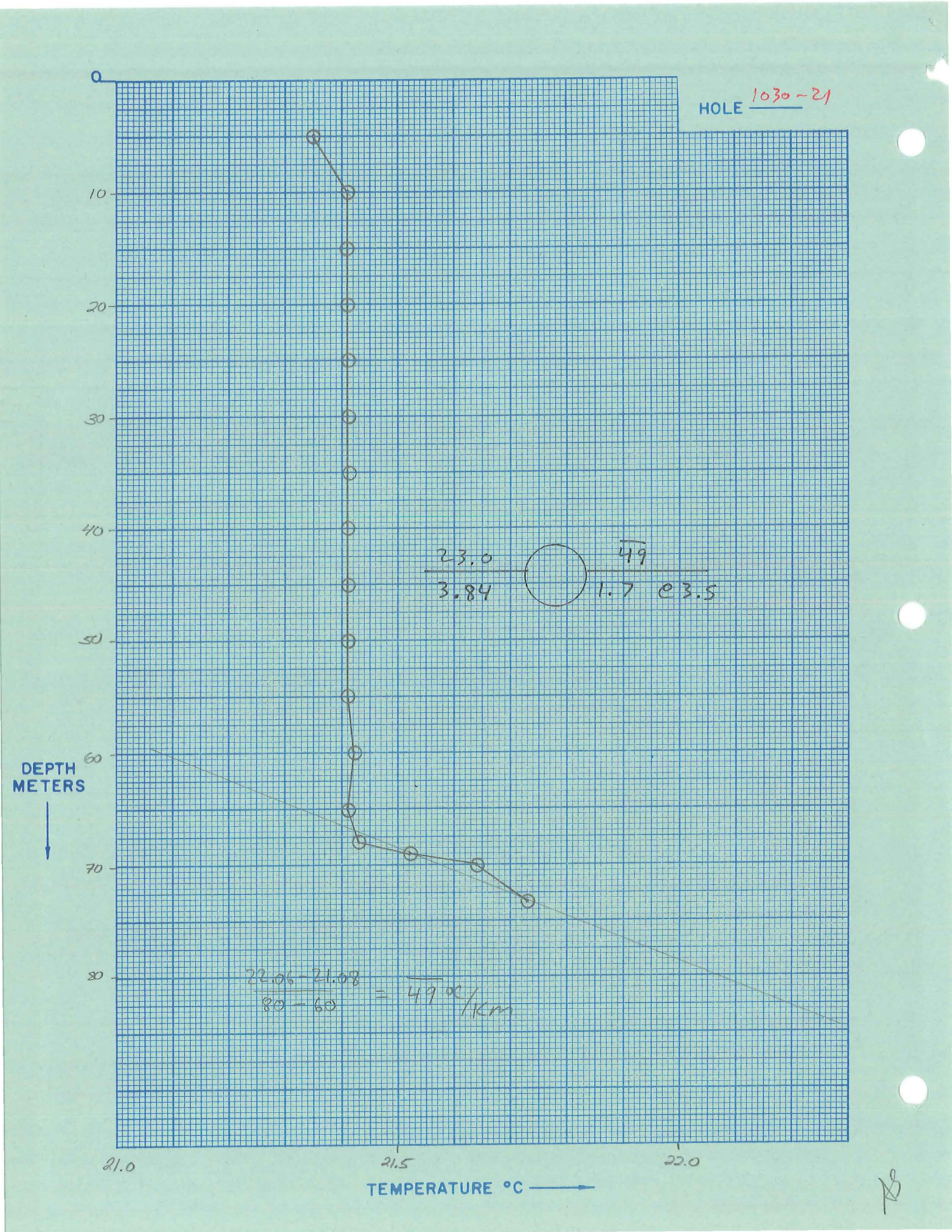
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE 1030-21
0
10
20
30
40
50
60
70
80
DEPTH METERS
21.0
21.5
22.0
TEMPERATURE °C
23.0
3.84
49
1.7 @3.5
22.06 - 21.08
80 - 60
= 49 °C/Km

0/30

Date Logged: NOV 19 79

ΔT Well No. 1030-21

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
C.R.	.0397						ARTESIAN –
5	100.58	21.35					5 gal/min
10	100.37	21.41	.06	12			
15	100.37	↓		0			
20	100.36						
25	100.36						
30	100.37			0			
35	100.36						
40	100.36						
45	100.36						
50	100.36						
55	100.35	21.41					
60	100.34	21.42	.01	2			
65	100.35	21.41	-.01	-2			
68	100.29	21.43	.23	46			
69	99.96	21.52	.09	26			
70	99.53	21.64					
73.5	99.21	21.73					
99999							
~~68~~	~~100.21~~	~~21.43~~					
~~69~~	~~99.96~~	~~21.52~~	.09	70			
~~70~~	~~99.53~~	~~21.64~~	.12	~~120~~			

K=Conductivity

922 - 144

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

plot + printout
new ◇ map black
redo wiggle

ΔT Well No. 1030 -22

Property-Project Deeth Depth Logged 61.5

Map Twin Buttes Scale 7.5' Date: Drilled 21/6/80 Logged 29/7/80

State Nevada County ELKO , ____ of ____ of SW of SE of Sec 13 T 38N R 59E

Instrument Conner's Operator CT & DP Elevation 5478 (ft / m)

Comments ____

Card A

RT 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
1030	22	29	7	80	C M

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

Site Description (21–50)	Operator (51–55)	Editor (56–60)	Drilled DA (61–62)	Drilled MO (63–64)	Drilled YR (65–66)
4 km SE TWIN BUTTES	CT	DP	21	6	80

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

Card B

Scale Unit IN CM (21–25)	Map Size (7.5, 15., 60.) (26–30)	N Lat Degree (31–35)	N Lat Min (36–40)	W Long Degree (41–45)	W Long Min ** (46–50)
cm	7.5	41.	7.5	115.	22.5

Use decimals

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

Northing (51–60)	Easting (61–75)	Elev (76–79)	(80)
22.3	39.7	5478.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start (21–30)	End (31–40)	Conductivity K (41–45)	ΔK (46–50)
15.0	34.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start (51–60)	End (61–70)	K (71–75)	ΔK (76–80)
34.0	40.0		

Segment 3

Start (21–30)	End (31–40)	K (41–45)	ΔK (46–50)
40.0	44.0		

Segment 4

Start (51–60)	End (61–70)	K (71–75)	ΔK (76–80)
44.0	50.0		

Segment 5

Start (21–30)	End (31–40)	K (41–45)	ΔK (46–50)
50.0	54.0		

Segment 6

Start (51–60)	End (61–70)	K (71–75)	ΔK (76–80)
54.0	60.0	-3.0	-.5

Segment 7

Start (21–30)	End (31–40)	K (41–45)	ΔK (46–50)
.999			

Segment 8

Start (51–60)	End (61–70)	K (71–75)	ΔK (76–80)

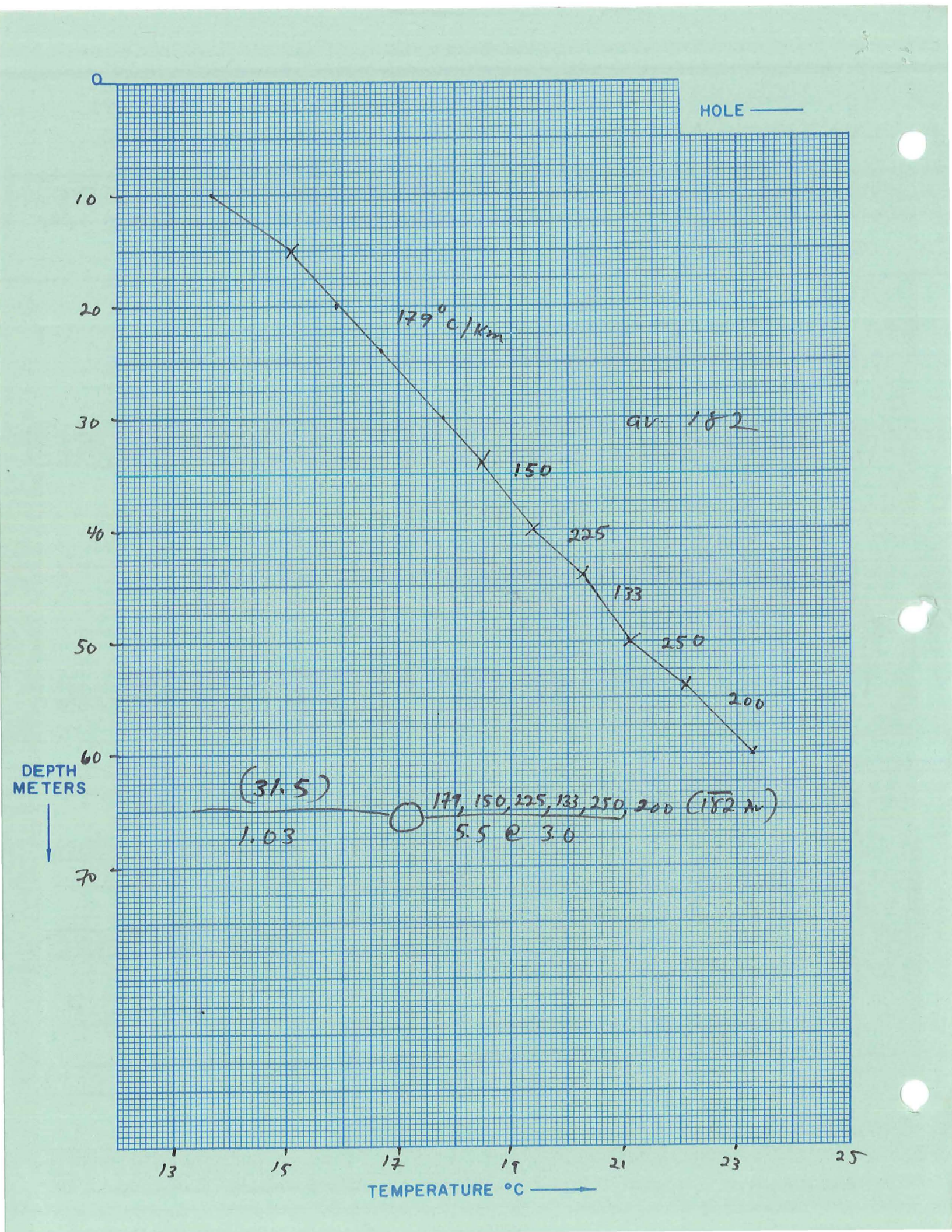
Segment 9

Start (21–30)	End (31–40)	K (41–45)	ΔK (46–50)

Segment 10

Start (51–60)	End (61–70)	K (71–75)	ΔK (76–80)

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
DEPTH METERS
179° C/km
av 182
150
225
133
250
200
(31.5)
1.03
177, 150, 225, 133, 250, 200 (182 av)
5.5 @ 3.0
13
15
17
19
21
23
25
TEMPERATURE °C

Date Logged: 29/7/80 ΔT Well No. 1030-22

0-10 meter readings taken after 20 sec pause Conner's Probe

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
2.0	14680	13.90					
2.5	15438	12.60					
3.0	16128	11.40					
3.5	16234	11.20					
4.0	16206	11.30					
4.5	16096	11.50					
5.0	15930	11.80					
5.5	15684	12.20					
6.0	15515	12.50					
6.5	15325	12.80					
7.0	15214	13.00					
7.5	15150	13.10					
8.0	15035	13.30					
8.5	14990	13.40					
9.0	14925	13.50					
9.5	14865	13.60					
10.0	14802	13.70					
11	14650	14.00					
12	14495	14.30					
13	14342	14.50					
14	14125	14.90					
15	14000	15.10					
16	13955	15.20					
17	13890	15.30					
18	13757	15.60					
19	13642	15.80					
20	13540	15.90					

K=Conductivity

Date Logged: _____ ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
22	13302	16.40					
24	13105	16.70					
26	12890	17.10					
28	12658	17.50					
30	12485	17.80					
32	12295	18.10					
34	12095	18.50					
36	11903	18.80					
38	11738	19.10					
40	11550	19.40					
42	11314	19.80					
44	11105	20.30					
46	10995	20.60					
48	10874	21.00					
50	10810	21.10					
52	10590	21.70					
54	10470	22.10					
56	10295	22.60					
58	10180	22.90					
60	10015	23.30					
61.5	9713	24.20					
99999.							

There are not previous pages

K=Conductivity

page _____ of _____

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-22

Elevation: 5470'

Date Drilled: 21/6/80

Location: SWSE Sec. 13 T38N R59E

Method: Air/Foam

Geologist: Pilkington

Gamma: N.A.

Depth (m)	Description
0-3	alluvium - tan very fine-grained eolian sands
3-15	no samples - destroyed by crew when moving
15-30	gray-green, very fine-grained, clayey tuffaceous sediment
30-43	no samples - as above
43-92	gray-green, very fine-grained, clayey tuffaceous sediments

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-23

Property-Project Deeth Depth Logged 62m

Map Twin Buttes Scale 7.5' Date: Drilled 8/6/80 Logged 29/7/80

State Nevada County Elko , ___ of ___ of NE of NE of Sec 22 T 38N R 57E

Instrument #30 Operator CT/JG Elevation 5480 ~~(ft (m))~~

Comments

Card A

RT 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	
1030		23	29	7	80	C	M

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

Site Description	Operator	Editor	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
0.5 Km SSE BM 5503	CT/JG	DP	8	6	80

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** 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	41.	7.5	115.	22.5

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
21.7	28.2	5480.	F

Use decimals

← Write M if 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
10.0	30.0		

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
30.0	60.0	-3.0	-.5

Segment 3

.999	
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 4 Start →

Segment 5

Segment 6 Start →

Segment 7

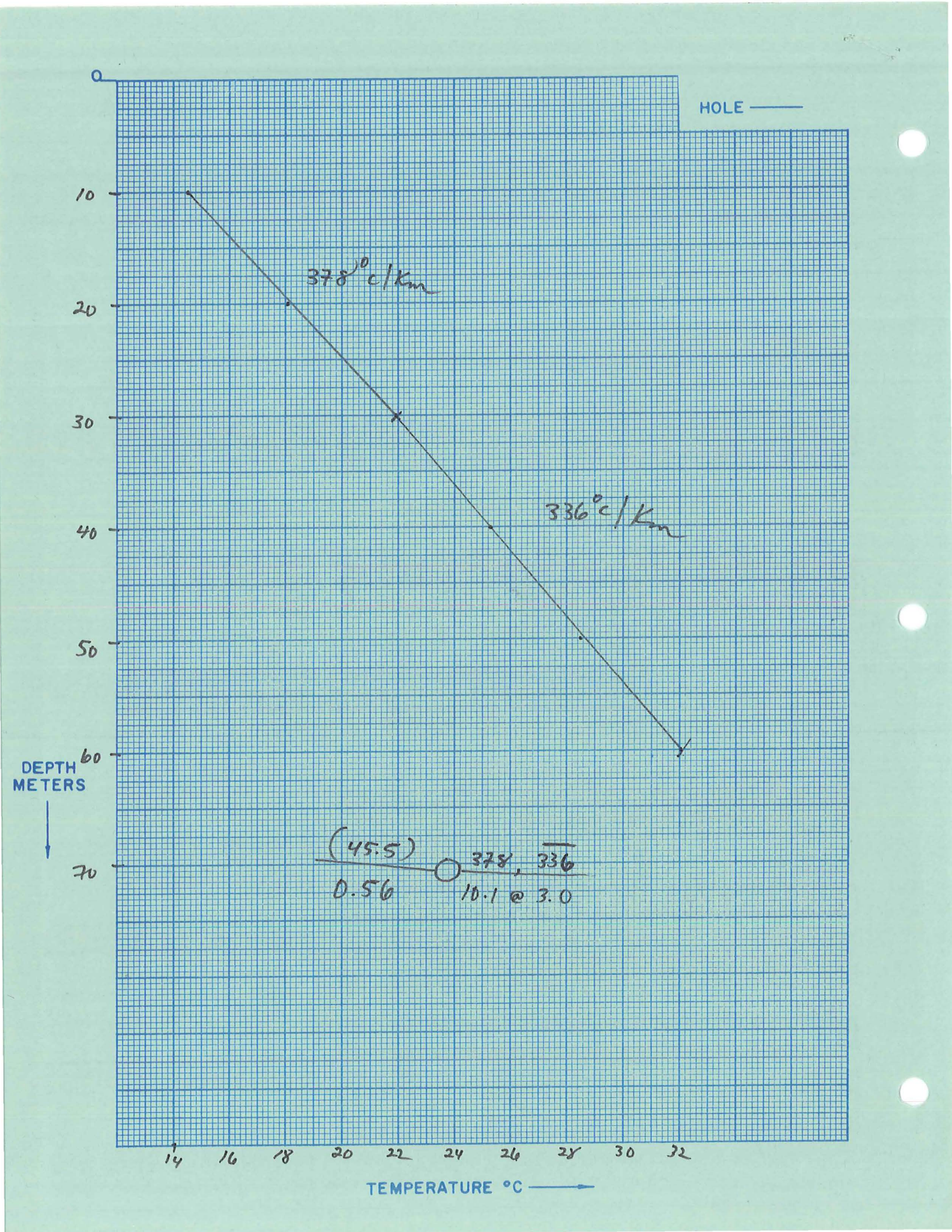
Segment 8 Start →

Segment 9

Segment 10 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

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
DEPTH METERS
378°c/Km
336°c/Km
(45.5)
0.56
378, 336
10.1 @ 3.0
14
16
18
20
22
24
26
28
30
32
TEMPERATURE °C

Probe 30

Date Logged: 29/7/80

ΔT Well No. 1030-23

0435 cable

20 sec pause before reading to 10 m

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0.5	90.15	24.40					
1.0	99.43	21.67					
1.5	111.58	18.40					
2.0	121.55	15.92					
2.5	128.37	14.31					
3.0	132.70	13.31					
3.5	135.47	12.69					
4.0	137.00	12.35					
4.5	137.31	12.28					
5.0	136.80	12.39					
5.5	135.96	12.58					
6.0	135.03	12.79					
6.5	134.47	12.91					
7.0	133.68	13.09					
7.5	132.77	13.30					
8.0	131.62	13.56					
8.5	130.50	13.81					
9.0	129.50	14.04					
9.5	128.61	14.25					
10.0	127.77	14.44					
11.0	126.18	14.82					
12.0	124.74	15.30					
13.0	121.64	15.90					
14.0	120.51	16.17					
15.0	120.29	16.22					
16.0	119.63	16.39					
17.0	117.14	16.50					

K=Conductivity

Date Logged: _____ ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
18	115.64	17.37					
19	114.27	17.71					
20	112.65	18.13					
22	109.50	18.94					
24	106.55	19.72					
26	103.68	20.49					
28	100.61	21.34					
30	98.32	21.99					
32	96.85	22.64					
34	94.08	23.22					
36	91.56	23.97					
38	89.43	24.63					
40	87.39	25.27					
42	85.27	25.94					
44	83.72	26.45					
46	81.80	27.08					
48	79.88	27.73					
50	77.61	28.52					
52	74.79	29.52					
54	72.22	30.47					
56	70.30	31.20					
58	68.96	31.72					
60	68.06	32.08					
62	67.75	32.20					
99999,							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-23

Elevation: 5480

Date Drilled: 8/6/80

Location: NE NE Sec. 22 T38N R59E

Method: Air/Foam

Geologist: Sarber

Gamma: N.A.

Depth (m)	Description
0-3	alluvium, buff color, fine sand & silt and clay, some gravel
3-6	alluvium, clay, minor sand and gravel gravels sub angular to sub-rounded of quartzite, tuffs, siltstones tuffs predominate
6-9	clay and rounded to sub angular gravel of above liths
9-55	blue gray/green clay, minor sand and gravel of various lithologies granule size gravel, rounded (similar to other holes)
55-61	predominantly sand and granules of various volcanic tuffs, sub-rounded minor clay and silt

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-24

Property-Project Deeth Depth Logged 35m

Map Twin Buttes Scale 7.5 Date: Drilled 7/6/80 Logged 29/7/80

State Nevada County Elko, ____ of ____ of SW of NW of Sec 10 T 38N R 59E

Instrument #30 Operator CT & JG Elevation 5497 ~~(ft (m))~~

Comments ____

Card A

RT 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
1	0	3	0					2	4	2	9		7			8	0	C	M

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

Site Description | Operator | Editor | 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
A	t		B	m		5	4	9	5																					C	T	/	J	G	/		D	P			7			6			8	0

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

Card B

Map Location * *: Scale Unit IN CM | 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
					7	.	5			4	1	.			7	.	5			1	1	5	.			2	2	.	5

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
					3	2	.	9							2	3	.	1		5	4	9	7	.					F

← Write M if if meters

Use decimals

Segment 1 = Depths: Start | End | Conductivity: K | ΔK

Best cond. (-K)

Downward extrapolations (- Δ 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
					5	.	0								1	5	.	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
								1	5	.	0						2	0	.	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
							2	0	.	0					3	5	.	0		-	3	.	5		-	.	5			

Segment 4 Start →

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
																.	9	9	9										

Segment 5

Segment 6 Start →

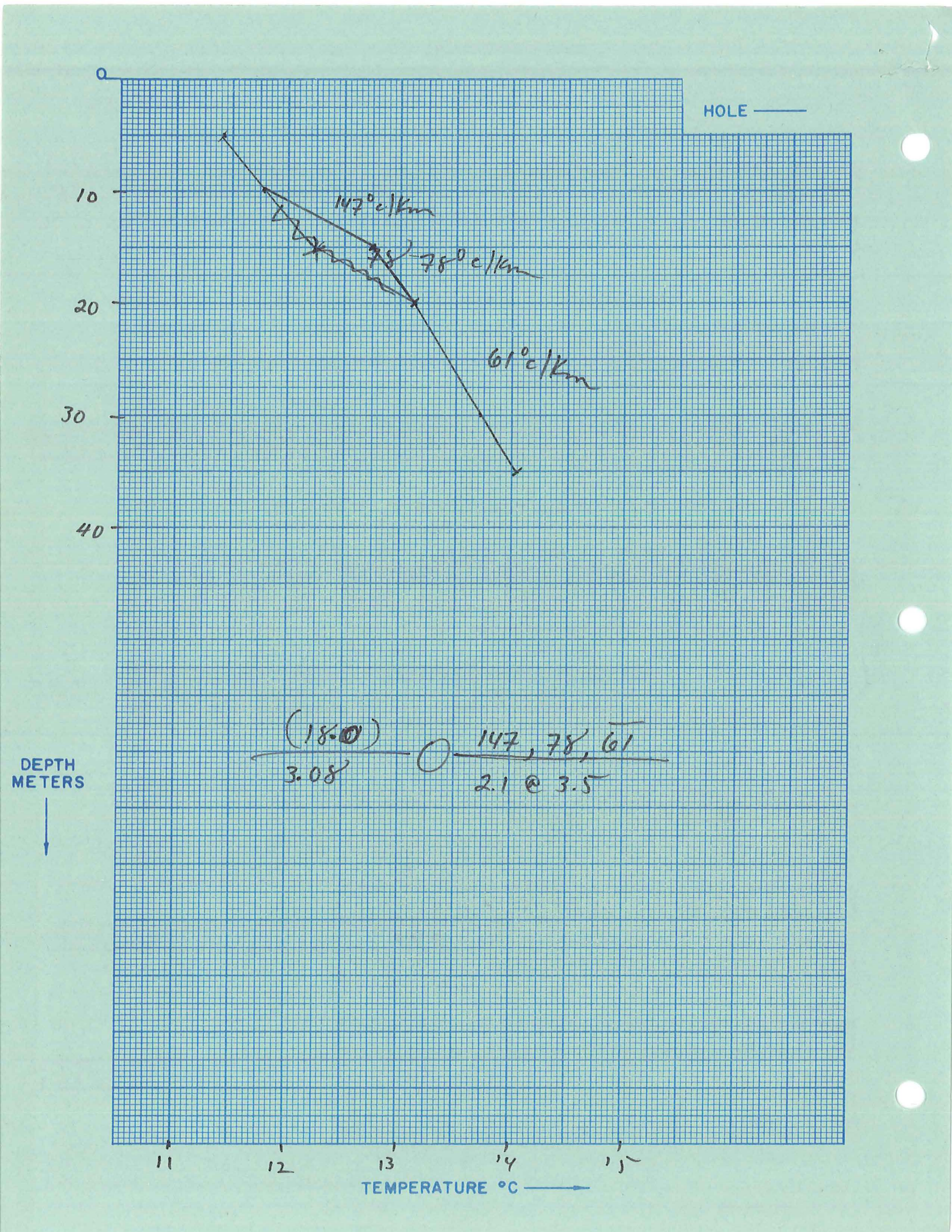
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
147°c/Km
78°c/Km
61°c/Km
(18.0)
3.08
147, 78, 61
2.1 @ 3.5
DEPTH METERS
11
12
13
14
15
TEMPERATURE °C

Probe 30

Date Logged: 29/7/80

ΔT Well No. 1030-24

20 sec pause before reading

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0.5	89.94	24.47					
1.0	112.34	18.21					
1.5	125.09	15.08					
2.0	129.22	14.11					
2.5	136.60	12.44					
3.0	140.26	11.63					
3.5	142.02	11.25					
4.0	142.61	11.12					
4.5	142.50	11.15					
5.0	141.94	11.27					
5.5	141.23	11.42					
6.0	140.59	11.56					
6.5	139.91	11.71					
7.0	139.36	11.83					
7.5	138.79	11.95					
8.0	138.34	12.05					
8.5	138.02	12.12					
9.0	137.73	12.19					
9.5	137.48	12.24					
10.0	137.25	12.29					
11	136.86	12.38					
12	136.51	12.46					
13	136.12	12.54					
14	135.70	12.64					
15	135.25	12.74					
16	134.78	12.84					
17	134.28	12.96					

K=Conductivity

Date Logged: _____ ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
18	134.03	13.01					
19	133.79	13.07					
20	133.53	13.13					
22	133.01	13.24					
24	132.40	13.38					
26	131.89	13.50					
28	131.42	13.60					
30	130.89	13.72					
32	130.27	13.87					
34	129.69	14.00					
35	129.53	14.04					
99999.							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-24

Elevation: 5497'

Date Drilled: 7/6/80

Location: SW NW Sec. 10 T38N R59E

Method: Air/Foam

Geologist: Sarber

Gamma: N.A.

Depth (m)	Description
0-3	alluvium
3-12	battleship gray clay, becomes increasingly sandy with depth appearance of a not well lithified clay stone
12-29	same clay, predominantly gravel which is very angular without exception indicating landslide or hi-energy deposition gravel of dark gray siltstone which outcrops to NE
29-31	sticky gray clay contains sand & granules (angular) and minor large pebbles (angular) gravel siltstone and well indurated
31-33	some rust brown clay content of angular dark gray siltstone also first appearance of volcanic gravel, gray-green bearing phenocrysts (small) but generally fine-grained and devitrified contains considerable qtz, some small mafics, argillized feldspars

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-27

Property-Project Death Depth Logged 90.9 m

Map Twin Buttes Scale 7.5 Date: Drilled 8/6/80 Logged 29/7/80

State Nevada County Elko , ___ of ___ of NE of SE of Sec 28 T 39N R 59E

Instrument #30 Operator CT/DP Elevation 5722 (ft) (m)

Comments

Card A

RT 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
1	0	3	0					2	7	2	9			7			8	0	C M

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

Site Description | Operator | Editor | 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
2	.	5		K	m		N	N	W		T	W	I	N		B	U	T	T	E	S									C	T	/	D	P		D	P		8		6		8	0

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

Card B

Map Location * *: Scale Unit IN CM | 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
				C m			7	.	5		4	1	.		7	.	5		1	1	5	.		2	2	.	5	

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
					5	1	.	1								2	2	.	6		5	7	2	2	.					F

← Write M if if meters

Use decimals

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
						3	0	.	0						4	0	.	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
							4	0	.	0							5	0	.	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
					5	0	.	0					8	0	.	0		−	5	.	0		−	.	5					

Segment 4 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
								8	0	.	0						9	0	.	0										

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
						.	9	9	9																					

Segment 6 Start →

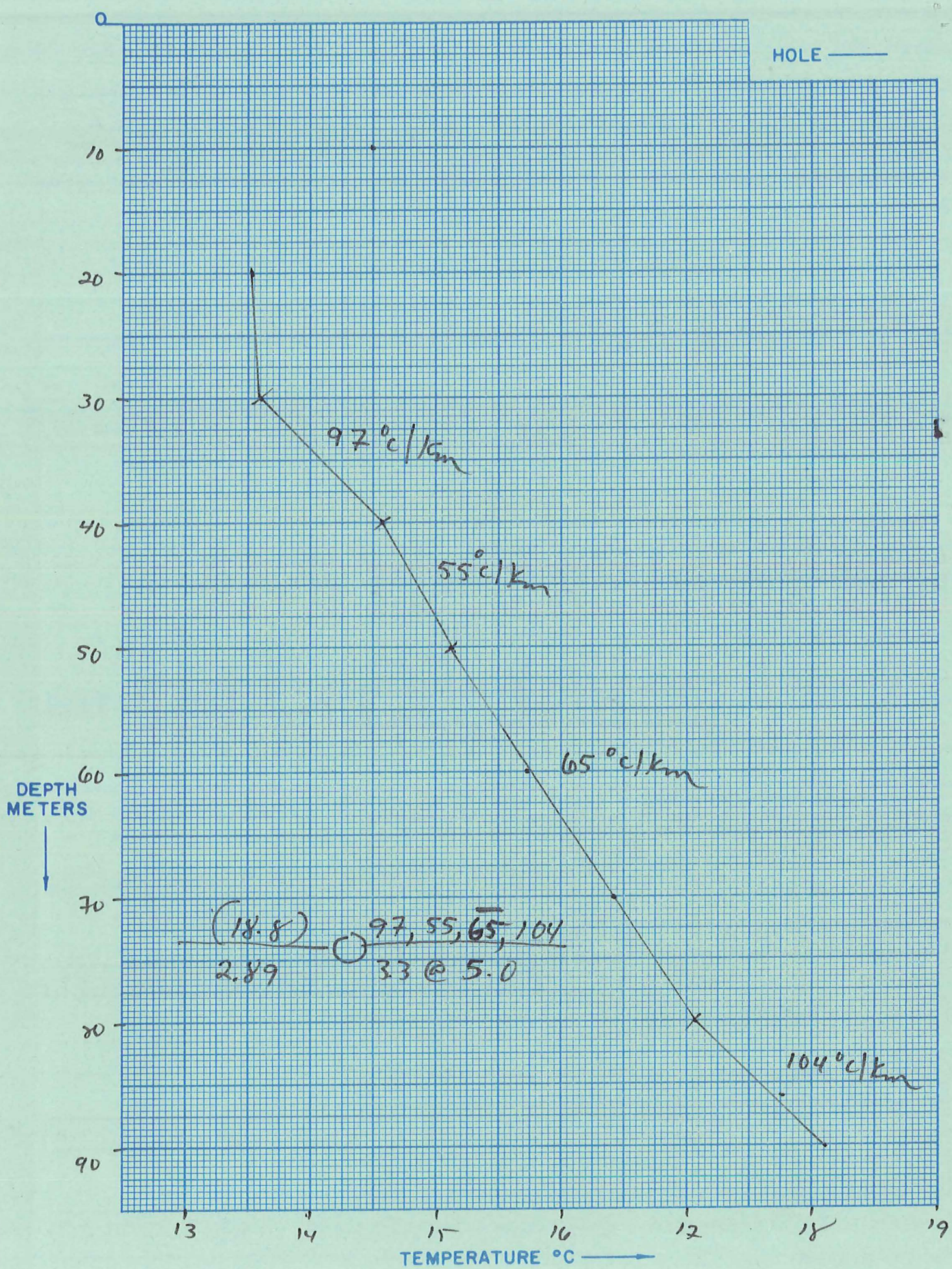
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
DEPTH METERS
97°c/km
55°c/km
65°c/km
104°c/km
(18.8)
2.89
97, 55, 65, 104
33 @ 5.0
13
14
15
16
17
18
19
TEMPERATURE °C

Date Logged: 29/7/80

ΔT Well No. 1030-27
Probe 30

20 sec pause before readings

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
2.0	105.27	20.06					
2.5	107.62	19.43					
3.0	110.64	18.64					
3.5	114.68	17.61					
4.0	117.53	16.90					
4.5	119.62	16.39					
5.0	120.76	16.11					
5.5	121.58	15.91					
6.0	122.86	15.60					
6.5	123.92	15.35					
7.0	124.77	15.15					
7.5	125.25	15.04					
8.0	125.60	14.95					
8.5	126.20	14.81					
9.0	126.86	14.66					
9.5	127.40	14.53					
10.0	127.59	14.49					
11	128.32	14.32					
12	128.95	14.17					
13	129.27	14.10					
14	129.55	14.03					
15	129.95	14.03					
16	130.52	13.87					
17	130.68	13.77					
18	131.30	13.63					
19	131.58	13.57					
20	131.75	13.53					

K=Conductivity

Date Logged: _____ ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
22	131.75	13.53					
24	131.88	13.50					
26	131.68	13.55					
28	131.54	13.58					
30	131.39	13.61					
32	131.15	13.67					
34	130.85	13.73					
36	128.18	14.35					
38	127.54	14.50					
40	127.19	14.58					
42	126.74	14.69					
44	126.31	14.79					
46	125.89	14.88					
48	125.29	15.03					
50	124.87	15.13					
52	124.24	15.27					
54	123.73	15.40					
56	123.07	15.55					
58	122.79	15.62					
60	122.28	15.74					
62	121.69	15.88					
64	121.15	16.01					
66	120.70	16.12					
68	120.12	16.26					
70	119.45	16.43					
72	118.95	16.55					
74	118.35	16.70					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030-27

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
76	117.76	16.84					
78	117.31	16.95					
80	116.83	17.07					
82	115.40	17.43					
84	114.70	17.66					
86	114.00	17.78					
88	113.36	17.94					
90	112.70	18.11					
TD 90.9	112.58	18.14					
99999.							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-27

Elevation: 5732'

Date Drilled: 8/6/80

Location: Sec. 28 T39N R59E

Method: Air/Foam

Geologist: Sarber

Gamma: N.A.

Depth (m)	Description
0-24	buff colored fine sand, silt and minor clay
24-92	pinkish and medium gray interbedded ash flows contain pyroxene, feldspar, quartz and biotite not devitrified, competant Jarbridge rhyolite(?)
	Note: some material as outcrops to north and northwest of hole

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-28

Property-Project Deeth Depth Logged 62m

Map Twin Buttes Scale 7.5 Date: Drilled 16/6/80 Logged 29/7/80

State Nevada County ELKO , of of NW of NW of Sec 36 T 39N R 59E

Instrument Conner's Probe Operator CT/DP Elevation 5538 ~~(ft (m)~~

Comments

Card A

RT 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
1030		28	29	7	80 C M

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

Site Description (21–50)	Operator (51–55)	Editor (56–60)	Drilled DA (61–62)	Drilled MO (63–65)	Drilled YR (66–68)
12.0 km NNE TWIN BUTTES	CT/DP	DP	16	6	80

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

Card B

Scale Unit IN CM (21–25)	Map Size (7.5, 15., 60.) (26–30)	N Lat Degree (31–35)	N Lat Min (36–40)	W Long Degree (41–45)	W Long Min ** (46–50)
cm	7.5	41.	7.5	115.	22.5

Map Location * *

Use decimals

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

Northing (51–60)	Easting (61–70)	Elev (71–75)		
50.7	36.1	5535.		F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start (21–30)	End (31–40)	Conductivity K (41–45)	ΔK (46–50)
15.0	40.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start →

End (51–60)	K (61–70)	ΔK (71–80)
40.0	62.0	-3.0 -.5

Segment 3

(21–30)
.999

Segment 4 Start →

Segment 5

Segment 6 Start →

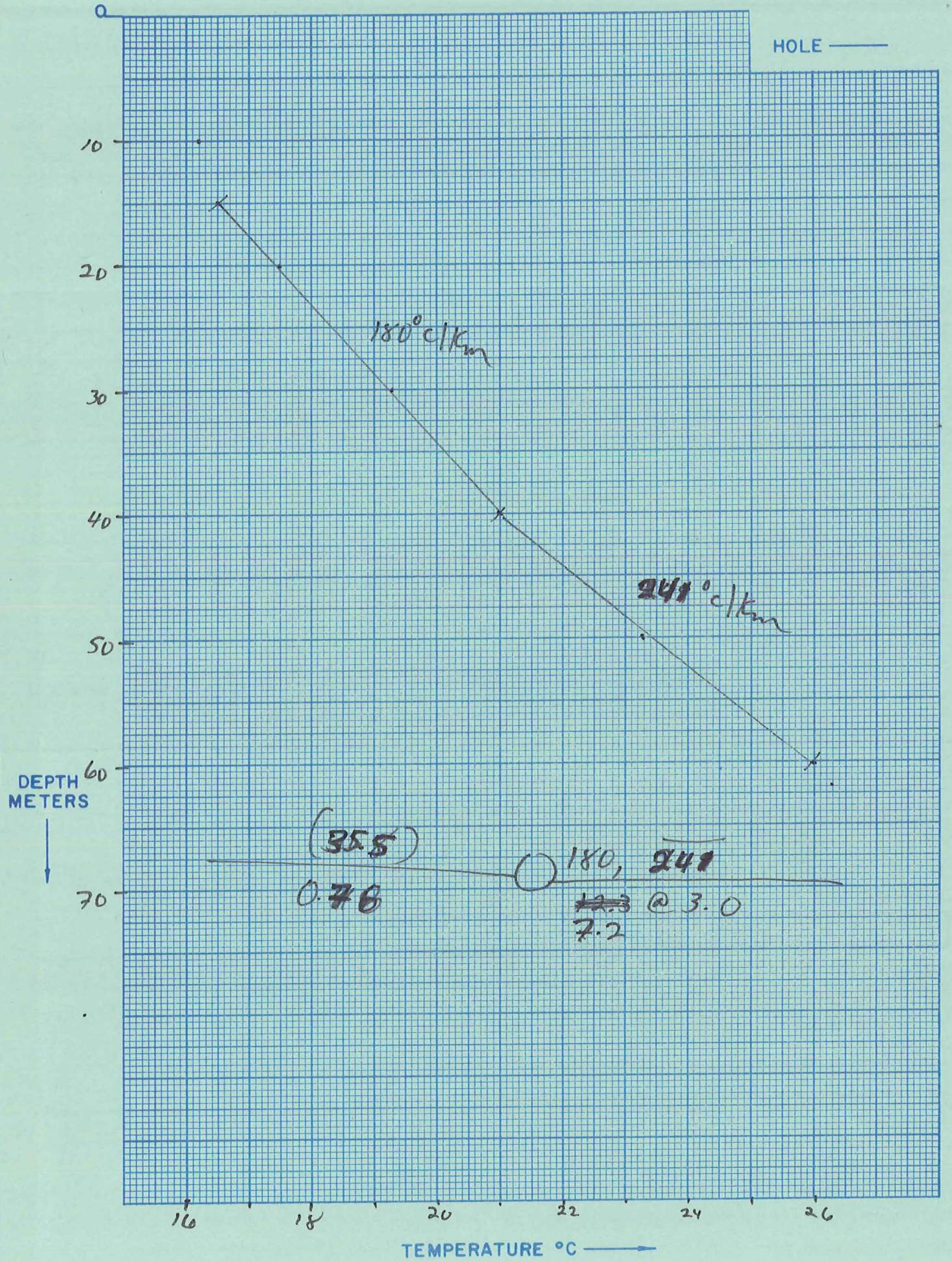
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0
HOLE
10
20
180° c/Km
30
40
241 °c/Km
50
60
DEPTH METERS
(35.5)
0.76
180, 241
12.3 @ 3.0
7.2
70
16
18
20
22
24
26
TEMPERATURE °C

Date Logged: 29/7/80 ΔT Well No. 1030-28

0-10m readings taken after 20 sec pause Conner's probe

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0.5	11702	19.20					
1.0	13812	15.50					
1.5	14983	13.40					
2.0	15267	12.90					
2.5	15324	12.80					
3.0	15296	12.90					
3.5	15234	13.00					
4.0	15045	13.30					
4.5	14956	13.50					
5.0	14836	13.70					
5.5	14628	14.00					
6.0	14440	14.40					
6.5	14300	14.60					
7.0	14175	14.80					
7.5	13946	15.20					
8.0	13730	15.60					
8.5	13476	16.10					
9.0	13453	16.10					
9.5	13432	16.10					
10.0	13401	16.20					
11	13285	16.40					
12	13446	16.10					
13	13367	16.20					
14	13303	16.40					
15	13210	16.50					
16	13105	16.70					
17	12972	16.90					

K=Conductivity

Date Logged: _____ ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
18	12846	17.20					
19	12752	17.30					
20	12632	17.50					
22	12356	18.00					
24	12166	18.30					
26	11966	18.70					
28	11755	19.10					
30	11623	19.30					
32	11553	19.40					
34	11403	19.70					
36	11264	19.90					
38	11148	20.20					
40	10840	21.00					
42	10605	21.70					
44	10450	22.10					
46	10335	22.40					
48	10170	22.90					
50	10040	23.30					
52	9499	24.70					
54	9406	25.00					
56	9300	25.30					
58	9181	25.60					
60	9061	26.00					
62	8942	26.30					
99999.							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-28

Elevation: 5538

Date Drilled: 16/6/80

Location: Sec 25 T39N R59E

Method: Mud

Geologist: Sarber

Gamma: N.A.

Depth (m)	Description
0-6	Alluvium. Brown, clay, silt and fine sand. Caliche coatings on gravels. Gravels of various tuffs.
6-9	Same, some gravel up to 2" diameter, round & semi round, mostly small pebbles and granules. Some sand, various tuffs
9-12	Same. Finer material. Mostly granules. Clay, silt, sand minor
12-49	Blue-gray clay, minor sand and granules of tuffs
49-55	No returns, likely as below
55-64	Sand, brown color, predominantly course, unconsolidated with little matrix, 20% granules of various tuffs.
64-67	Same, however more gravel of various tuffs and water deposited ash fall

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-29

Property-Project Deeth Depth Logged 90m

Map Twin Buttes Scale 7.5 Date: Drilled 20/6/80 Logged 29/7/80

State Nevada County ELKO , ___ of ___ of NE of NE of Sec 32 T 39N R 59E

Instrument # 30 Operator CT/DP Elevation 5750 (ft / m)

Comments

Card A

RT JUSTIFY	Proj No	Well No	DA	MO	YR	*
	1030	29	29	7	80	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
3.2 km NW TWIN BUTTES	CT/DP/DP		20	6	80

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min **
cm	7.5	41.	7.5	115.	22.5

Use decimals

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

Northing	Easting	Elev	
48.6	15.7	5750.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
10.0	60.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
60.0	90.0	-4.4	-.5

Segment 3

Start
.999

Segment 4

Start

Segment 5

Segment 6

Start

Segment 7

Segment 8

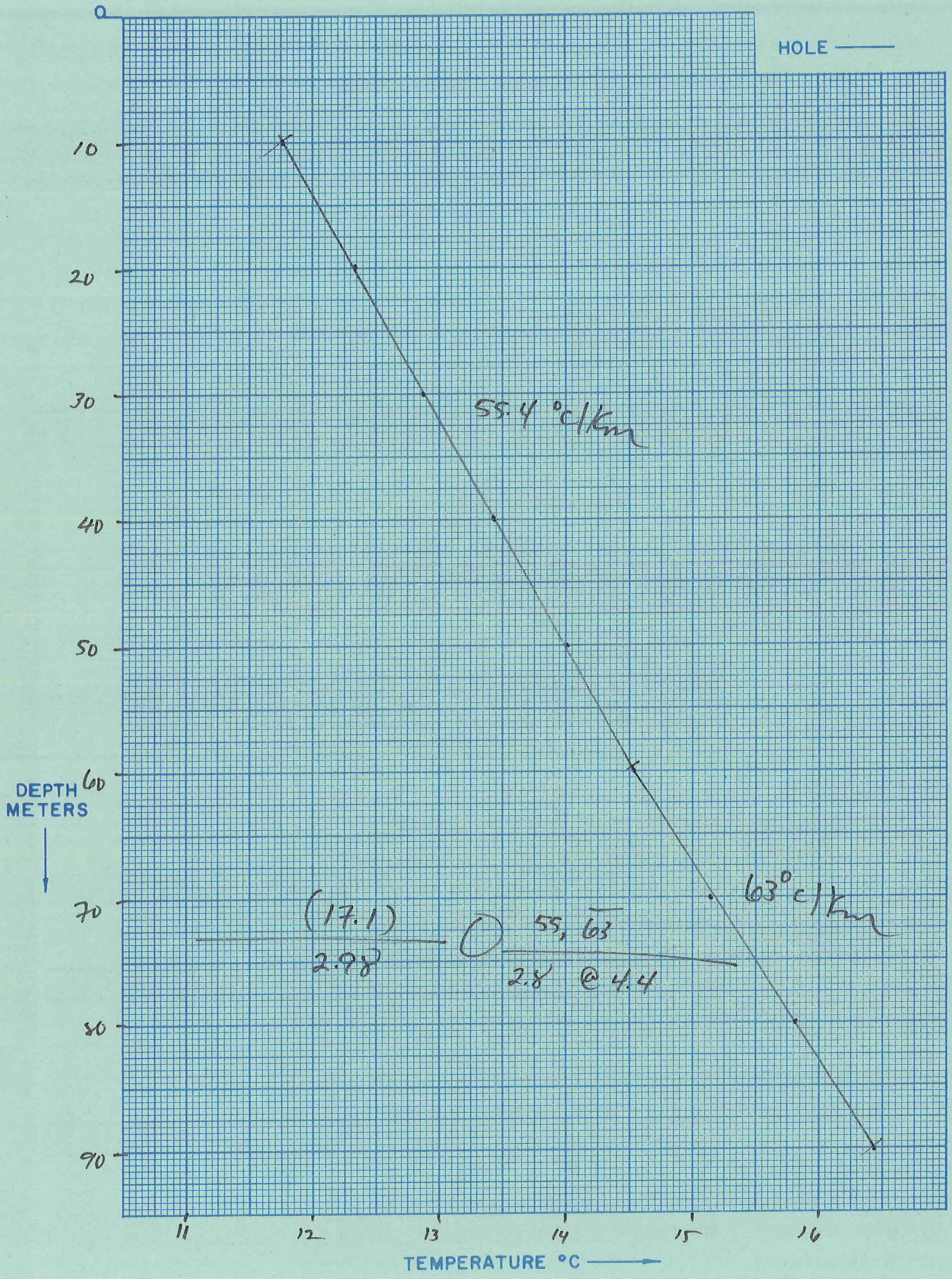
Start

Segment 9

Segment 10

Start

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
DEPTH METERS
55.4 °c/km
63° c/km
(17.1)
2.98
55, 63
2.8 @ 4.4
11
12
13
14
15
16
TEMPERATURE °C

Date Logged: 29/7/80

ΔT Well No. 1030-29

Probe 30

20 second pause before reading 0-20m

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
2.0	106.25	19.80					
2.5	109.75	18.87					
3.0	112.87	18.07					
3.5	116.08	17.26					
4.0	119.32	16.46					
4.5	121.54	15.92					
5.0	144.02	10.82					
5.5	143.93	10.84					
6.0	143.26	10.98					
6.5	142.53	11.14					
7.0	141.86	11.28					
7.5	141.27	11.41					
8.0	140.79	11.52					
8.5	140.40	11.60					
9.0	140.06	11.68					
9.5	139.81	11.73					
10.0	139.63	11.77					
11	139.35	11.83					
12	139.13	11.88					
13	138.90	11.93					
14	138.67	11.98					
15	138.41	12.04					
16	137.57	12.22					
17	137.42	12.26					
18	137.34	12.27					
19	137.28	12.24					
20	137.01	12.35					

K=Conductivity

Date Logged: _____ ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
22	136.63	12.43					
24	136.21	12.52					
26	135.69	12.66					
28	135.03	12.79					
30	134.61	12.88					
32	134.02	13.01					
34	133.61	13.15					
36	133.24	13.19					
38	132.61	13.33					
40	132.12	13.44					
42	131.66	13.55					
44	131.01	13.70					
46	130.62	13.79					
48	130.18	13.89					
50	129.66	14.01					
52	129.16	14.12					
54	128.77	14.21					
56	128.09	14.37					
58	127.70	14.46					
60	127.34	14.54					
62	126.57	14.73					
64	126.09	14.08					
66	125.82	14.90					
68	125.31	15.02					
70	124.76	15.15					
72	124.31	15.26					
74	124.03	15.32					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030-29

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
76	123.66	15.41					
78	122.60	15.67					
80	122.01	1581					
82	121.48	15.93					
84	120.95	16.06					
86	120.42	16.19					
88	119.85	16.33					
90	119.41	16.44					
90.1	119.39	16.44					
99999							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-29

Elevation: 5758

Date Drilled: 6/20/80

Location: 39N 59E Sec. 32

Method: Air hammer/foam

Geologist: Sarber

Gamma: at 220' 100 gpm H_2O

Depth (m)	Description
0-3	Pink colored rhyolitic tuff, fairly fine grained
3-12	Same as above, also 1st appearance of a multi-colored porphyritic crystal tuff bearing hornblende, plag. K-spar and quartz with a devitrified but competant groundmass. Possibly some chloritization
12-33	As above, increasing amount of course grained multi-colored appearing crystal tuff, also dark gray and medium gray less devitrified fine grained tuff (glassy looking) bearing feldspars and hornblende. Probably interbedded flows
37-45	As above, perhaps an increase in pink tuff
45-54	Predominantly the multi-color course grained tuff
54-57	Same as above, increase in dark gray glassy tuff
57-60m	1st appearance of interval predominantly a dark gray crystal vitric tuff, not devitrified, glassy appearing, bearing feldspar and quartz
60-66	As above, steadily increasing amounts of the courser multi-colored tuff
66-81	As above, mostly multi-colored course grained crystal tuff, some argillized feldspars up to .5 cm
81-93	Appearance of more dark gray glassy looking tuff
	Comment: Interbedded flows of crystal and crystal-vitric tuffs with varying grain size and degrees of devitrification

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-30

Property-Project Deeth Depth Logged 90m

Map Hot Springs Creek Scale 7.5 Date: Drilled 18/6/80 Logged 29/7/80

State Nevada County ELKO , of of SE of SW of Sec 14 T 39N R 59E

Instrument Conner's Operator CT/DP Elevation 5580 (ft m)

Comments

Card A

RT 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
1	0	3	0					3	0	2	9		7			8	0	C	M

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

Site Description | Operator | Editor | 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
4	.	8		K	m		N		T	W	I	N		B	U	T	T	E	S											C	T	/	D	P	/		D	P		1	8			6			8	0

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

Card B

Map Location ** : Scale Unit IN CM | 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
C	m				7	.	5			4	1	.		1	5	.	0		1	1	5	.		2	2	.	5		

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
					6	.	0								3	2	.	4		5	5	8	0	.					F

← Write M if 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
					2	0	.	0							6	0	.	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
					6	0	.	0							9	0	.	0		-	3	.	0		-	.	5			

Segment 3: . 9 9 9

Segment 4 Start →

Segment 5

Segment 6 Start →

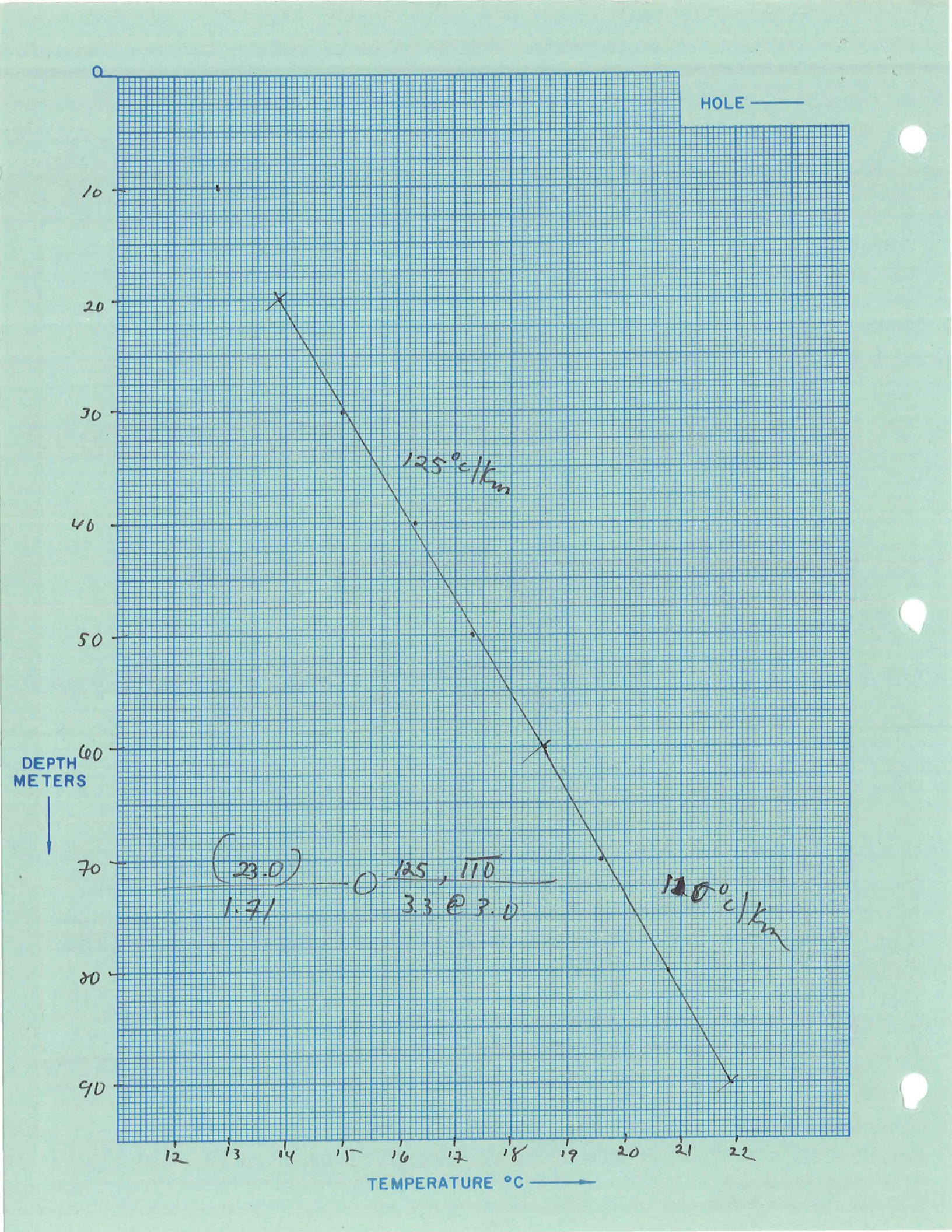
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
DEPTH METERS
125°c/km
(23.0)
1.71
125, 110
3.3 @ 3.0
12
13
14
15
16
17
18
19
20
21
22
TEMPERATURE °C

Date Logged: 29/7/80 ΔT Well No. 1030-30

0-10m reading taken after 20 sec pause Conner's Probe

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
2.0	14809	13.70					
2.5	15450	12.60					
3.0	16054	11.50					
3.5	16220	11.30					
4.0	16340	11.10					
4.5	16160	11.40					
5.0	16125	11.40					
5.5	16007	11.60					
6.0	15817	12.00					
6.5	15780	12.00					
7.0	15700	12.20					
7.5	15630	12.30					
8.0	15540	12.40					
8.5	15480	12.50					
9.0	15435	12.60					
9.5	15400	12.70					
10.0	15350	12.80					
11	15256	12.90					
12	15210	13.00					
13	15095	13.20					
14	15065	13.30					
15	15025	13.30					
16	14925	13.50					
17	14925	13.50					
18	14875	13.60					
19	14782	13.80					
20	14725	13.90					

K=Conductivity

Date Logged: _____ ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
22	14610	14.10					
24	14462	14.30					
26	14350	14.50					
28	14210	14.80					
30	14050	15.00					
32	13927	15.30					
34	13800	15.50					
36	13610	15.80					
38	13440	16.10					
40	13340	16.30					
42	13220	16.50					
44	13050	16.80					
46	12952	17.00					
48	12846	17.20					
50	12752	17.30					
52	12550	17.70					
54	12390	18.00					
56	12260	18.20					
58	12150	18.40					
60	12025	18.60					
62	11915	18.80					
64	11790	19.00					
66	11680	19.20					
68	11582	19.40					
70	11470	19.60					
72	11350	19.80					
74	11245	20.00					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030-3D

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
76	11140	20.2					
78	11059	20.4					
80	10944	20.8					
82	10854	21.0					
84	10745	21.3					
86	10635	21.6					
88	10540	21.9					
90	10518	21.9					
99999							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-30

Elevation: 5580 Date Drilled: 6/18/80

Location: Sec. 14 39N 59E Method: Blade bit/mud

Geologist: Sarber Gamma: no H_2O noted

Depth (m)	Description
0-18	Buff colored, chalky, friable clay, sub lithified.
18-21	Predominantly gravel, sub rounded to sub angular, granule to small pebble in size, various crystal tuffs.
21-24	Same, increase in clay to 10%
24-27	Same as above with exception that clay and silt increased to 40%. Clay cuttings cohesive (possibly uphole contamination)
27-42	Predominantly clay, 5% sand, granules and silt
42-72	As above except granule content of crystal tuffs increased to 20-30%
72-81	Same as above, gravel increased to 75%
81-84	Same as above, however only 30% granules and about 30% sand, the remainder clay
84-87	As above, back to 80% granules, generally small pebbles (similar to 240-270' with larger gravel size)
87-92	As above, increased gravel size includes large pebbles. Clay about 40%

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030 - 31

Property-Project Deeth Depth Logged 88 m

Map Hot Springs Creek Scale 7.5' Date: Drilled 19/6/80 Logged 29/7/80

State Nevada County Elko, ___ of ___ of NE of NE of Sec 16 T39N R59E

Instrument Conner's Operator CT/DP Elevation 5760 (ft / m)

Comments

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
1030	31	29	7	80	C M

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

Date Logged

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
6.4 km N of TWIN BUTTES	CT/DP	DP	19	6	80

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	N Lat Degree	N Lat Min	W Long Degree	W Long Min **
cm	7.5	41.	15.0	115.	22.5

Map Location * *

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

Use decimals

Northing	Easting	Elev	
11.9	22.0	5760.	F

Use decimals

Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK	Best cond. (-K) Downward extrapolations (-ΔK)
20.0	30.0			

Segment 2

Start	End	K	ΔK
30.0	80.0		

Segment 3

Start	End	K	ΔK
80.0	88.0	-3.8	-.5

Segment 4

Start
.999

Segment 5

Segment 6

Start

Segment 7

Segment 8

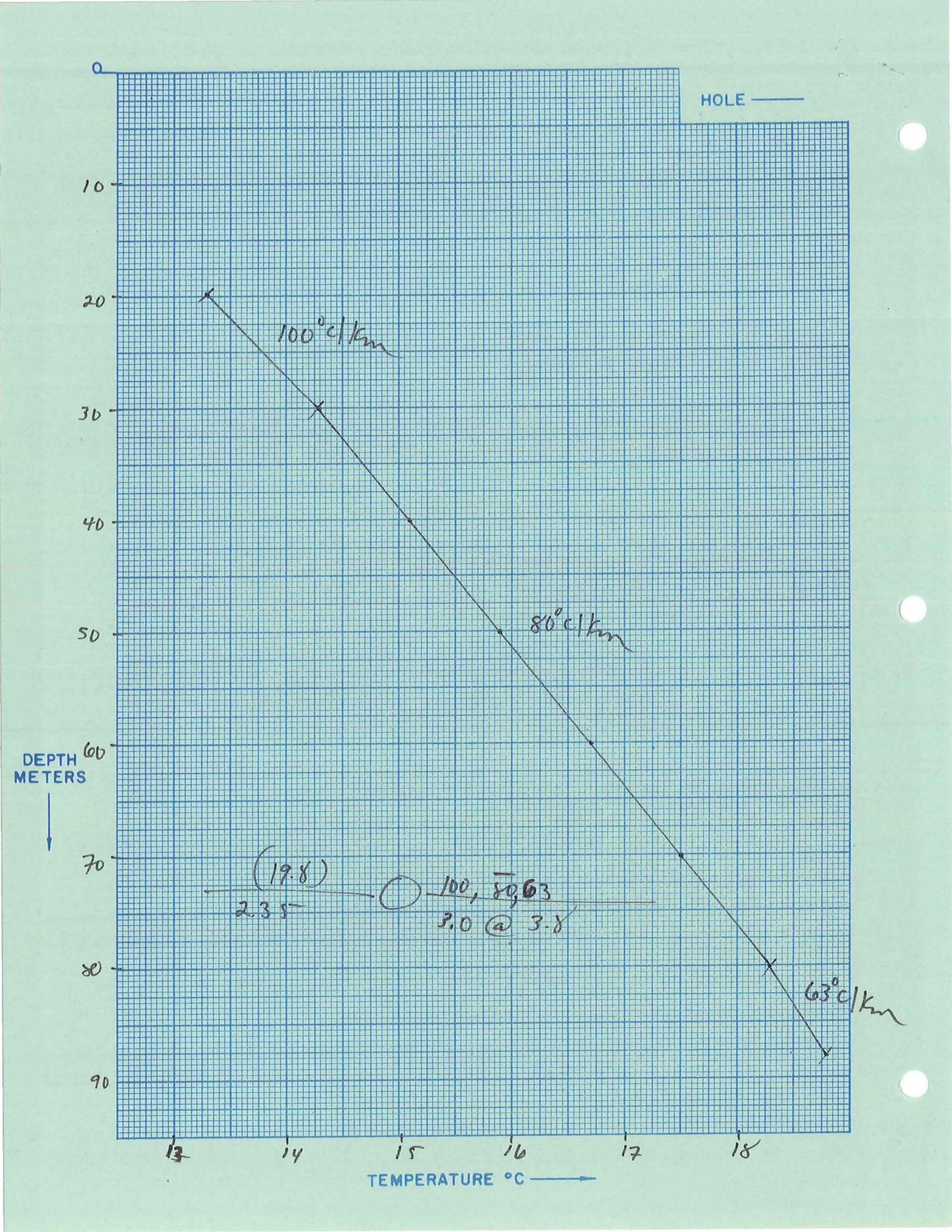
Start

Segment 9

Segment 10

Start

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
DEPTH METERS
100°c/km
80°c/km
63°c/km
(19.8)
2.35
100, 80, 63
3.0 @ 3.8
12
13
14
15
16
17
18
TEMPERATURE °C

Date Logged: 29/7/80 ΔT Well No. 1030-31

0-10m Reading after 20 sec Pause Conner's Probe

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
2.0	15422	12.60					
2.5	16025	11.60					
3.0	16425	10.90					
3.5	16640	10.50					
4.0	16650	10.50					
4.5	16710	10.40					
5.0	16680	10.40					
5.5	16540	10.70					
6.0	16390	11.00					
6.5	16232	11.20					
7.0	16154	11.40					
7.5	16040	11.60					
8.0	16000	11.60					
8.5	15860	11.90					
9.0	15800	12.00					
9.5	15775	12.00					
10.0	15740	12.10					
11	15640	12.30					
12	15530	12.50					
13	15525	12.50					
14	15530	12.50					
15	15360	12.80					
16	15350	12.80					
17	15325	12.80					
18	15270	12.90					
19	15255	12.90					
20	15040	13.30					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030-31

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
22	14985	13.40					
24	14655	14.00					
26	14540	14.20					
28	14506	14.30					
30	14490	14.30					
32	14484	14.30					
34	14458	14.30					
36	14397	14.40					
38	14415	14.40					
40	14305	14.60					
42	14065	15.00					
44	13886	15.30					
46	13756	15.60					
48	13660	15.70					
50	13558	15.90					
52	13451	16.10					
54	13361	16.30					
56	13272	16.40					
58	13187	16.60					
60	13086	16.70					
62	13001	16.90					
64	12906	17.10					
66	12824	17.20					
68	12730	17.40					
70	12625	17.50					
72	12540	17.70					
74	12432	17.90					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030-31

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
76	12345	18.00					
78	12268	18.20					
80	12196	18.30					
82	12145	18.40					
84	12050	18.50					
86	11995	18.60					
88	11918	18.80					
TD 88.5	11905	—					
99999.							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-31

Elevation: 5760'

Date Drilled: 19/6/80

Location: Sec. 16 T39N R59E

Method: Air

Geologist: Sarber

Gamma: N.A.

Depth (m)	Description
0-3	Alluvium
3-23	Gravel, predominantly granules, some small pebbles, various crystal tuffs (most competant, others devitrified and decomposing). Clay, silt & sand minor
23-27	Rhyolite(?), pinkish, bearing crystals of biotite, plag. qtz. very competant, abundant euhedral biotite flakes
27-46	Clay. Appears to be same as above except totally devitrified and incompetant. Euhedral biotite, crystals of qtz and feldspar in matrix of devitrified glass
46-92	Crystal tuff (or tuffaceous sediment). Groundmass devitrified contains euhedral fiotite, qtz crystals, feldspars. Some feldspars argillized. No rounded sand or crystals. Likely ash fall lake bottom deposit.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-33

Property-Project Deeth Depth Logged 90m

Map Black Butte SW Scale 7.5 Date: Drilled 11/6/80 Logged 29/7/80

State Nevada County Elko, ___ of ___ of SW of SW of Sec 32 T40N R60E

Instrument Conner's Operator CT/DP Elevation 5605 (ft/m)

Comments

Card A

Date Logged

RT JUSTIFY

Proj No (1-4)	Well No (5-10)	DA (11-12)	MO (14-15)	YR (17-18)	19*	20
1030	33	29	7	80	C	M

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

Site Description (21-50)	Operator (51-55)	Editor (56-60)	Drilled DA (61-62)	MO (64-65)	YR (67-68)
2 KM SE MALO VISTA RANCH	CT/DP	DP	11	6	80

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

Card B

Map Location **

Scale Unit IN CM (21-25)	Map Size (7.5, 15., 60.) (26-30)	N Lat Degree (31-35)	N Lat Min (36-40)	W Long Degree (41-45)	W Long Min (46-50)
Cm	7.5	41.	15.0	115.	15.0

Use decimals

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

Northing (51-60)	Easting (61-70)	Elev (71-79)	80
26.3	6.5	5605.	F

Use decimals

Write M if if meters

Segment 1 = Depths

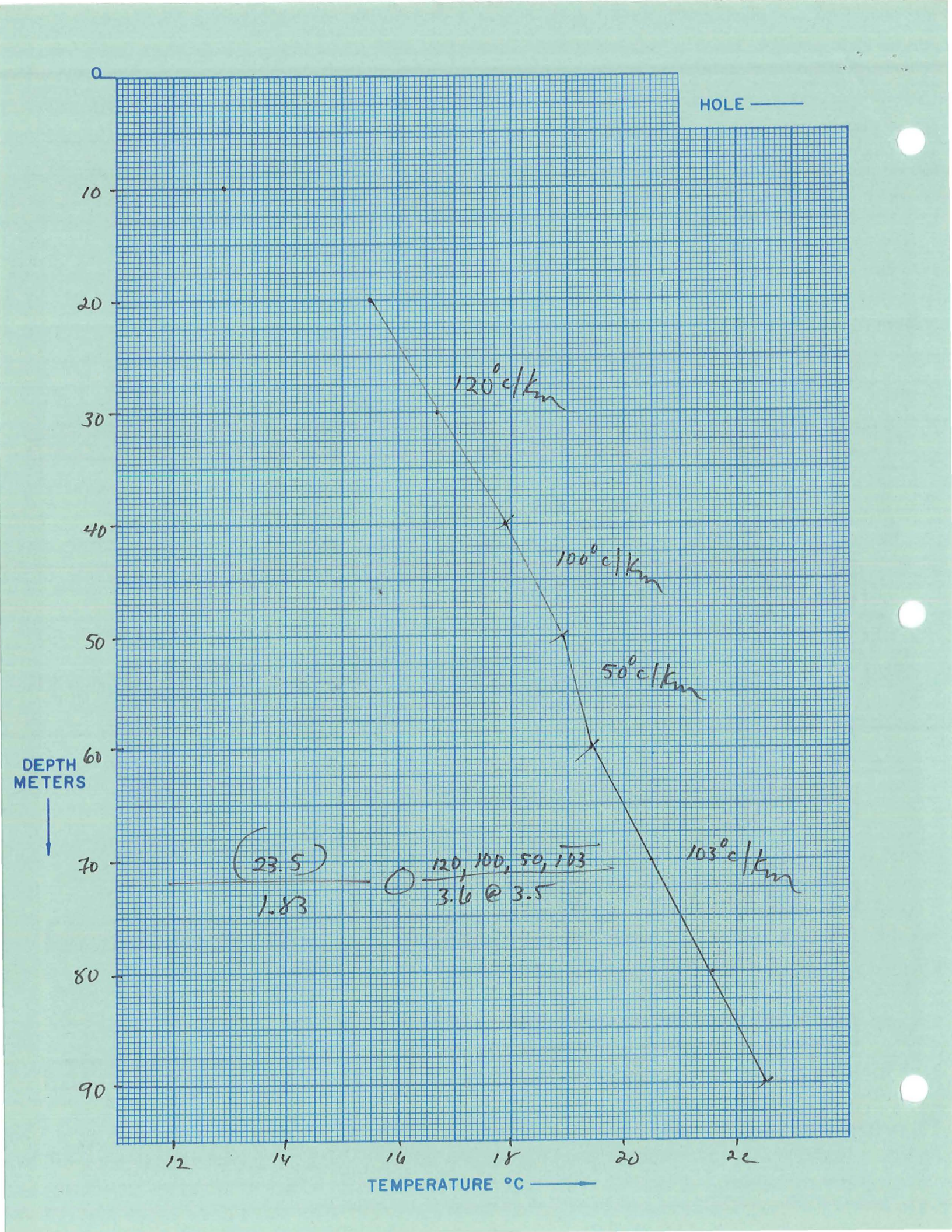
Conductivity

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment	Start	End	K	ΔK
Segment 1	20.0	40.0		
Segment 2	40.0	50.0		
Segment 3	50.0	60.0		
Segment 4	60.0	90.0	-3.5	-.5
Segment 5	.999			
Segment 6				
Segment 7				
Segment 8				
Segment 9				
Segment 10				

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
DEPTH METERS
120° c/km
100° c/km
50° c/km
103° c/km
(23.5)
1.83
120, 100, 50, 103
3.6 @ 3.5
12
14
16
18
20
22
TEMPERATURE °C

Date Logged: 29/7/80 ΔT Well No. 1030-33

0-10m readings taken after 20 sec pause Conner's probe

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0.5	9714.9	24.10					
1.0	11576	19.40					
1.5	13320	16.30					
2.0	14376	14.50					
2.5	14946	13.50					
3.0	15448	12.60					
3.5	15789	12.00					
4.0	15995	11.60					
4.5	16185	11.30					
5.0	16140	11.40					
5.5	16100	11.50					
6.0	16042	11.60					
6.5	15950	11.70					
7.0	15749	12.10					
7.5	15650	12.20					
8.0	15625	12.30					
8.5	15530	12.50					
9.0	15460	12.60					
9.5	15350	12.80					
10.0	15300	12.90					
11	15150	13.10					
12	14930	13.50					
13	14830	13.70					
14	14716	13.90					
15	14360	14.50					
16	14125	14.90					
17	14005	15.10					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030-33

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
18	13935	15.30					
19	13881	15.30					
20	13801	15.50					
22	13665	15.70					
24	13528	16.00					
26	13409	16.20					
28	13262	16.40					
30	13117	16.70					
32	12946	17.00					
34	12786	17.30					
36	12671	17.50					
38	12552	17.70					
40	12410	17.90					
42	12280	18.10					
44	12128	18.40					
46	12056	18.50					
48	11936	18.70					
50	11850	18.90					
52	11813	19.00					
54	11754	19.10					
56	11727	19.10					
58	11653	19.20					
60	11572	19.40					
62	11470	19.60					
64	11371	19.70					
66	11248	20.00					
68	11192	20.10					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030-33

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
70	11045	20.50					
72	10987	20.60					
74	10860	21.00					
76	10844	21.00					
78	10719	21.40					
80	10650	21.60					
82	10571	21.80					
84	10490	22.00					
86	10443	22.10					
88	10384	22.30					
90	10331	22.50					
99999							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth 1030-33

Hole:

Elevation: 5605

Date Drilled: 6/10/80

Location: 40N 60E Sec. 32 SW-1/4 SW-1/4

Method: blade bit & mud

Geologist: Sarber

Gamma: easy drilling & fast water at 140', 150 gpm

Depth (m)	Description
0-92m T.D.	Predominantly gravels of various tuffs, subrounded and rounded, granule to small pebble in size. Matrix of clay, silt and sand. Sandier intervals with less and finer gravel at: 90-100', 190-210', 220-240' and 290-300'. These sandy intervals are up to 70% sand (fine to medium) Note: Surface at site composed of a clayey, silty soil with about 15-25% gravel and minor sand. However, cuttings from 0-10' interval mostly gravel. Bulk cuttings at site 70% fine and medium sand, silt and some clay. Obviously a large amount of material finer than gravel has washed during drilling and was not sampled. This matrix probably represented 50% or more of intervals which sampled mostly gravel.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-34

Property-Project Death Depth Logged 88 m

Map Black Butte SW Scale 7.5' Date: Drilled 12/6/80 Logged 29/7/80

State Nevada County ELKO , ___ of ___ of NW of SE of Sec 18 T 39 N R 60 E

Instrument Conner's Probe Operator CT/DP Elevation 5497 (ft m)

Comments

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*
	1030	34	29	7	80	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
6.4 km NE TWIN BUTTES	CT/DP	DP	12	6	80

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min **
cm	7.5	41.	15.0	115.	15.0

Use decimals

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

Northing	Easting	Elev	
7.8	3.8	5497.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK	Best cond. (-K) Downward extrapolations (-ΔK)
30.0	40.0			

Segment 2

Start →	End	K	ΔK
40.0	60.0		

Segment 3

60.0	70.0

Segment 4

Start →	
70.0	80.0

Segment 5

80.0	88.0	-4.8	-.5

Segment 6

Start →	
.999	

Segment 7

Segment 8

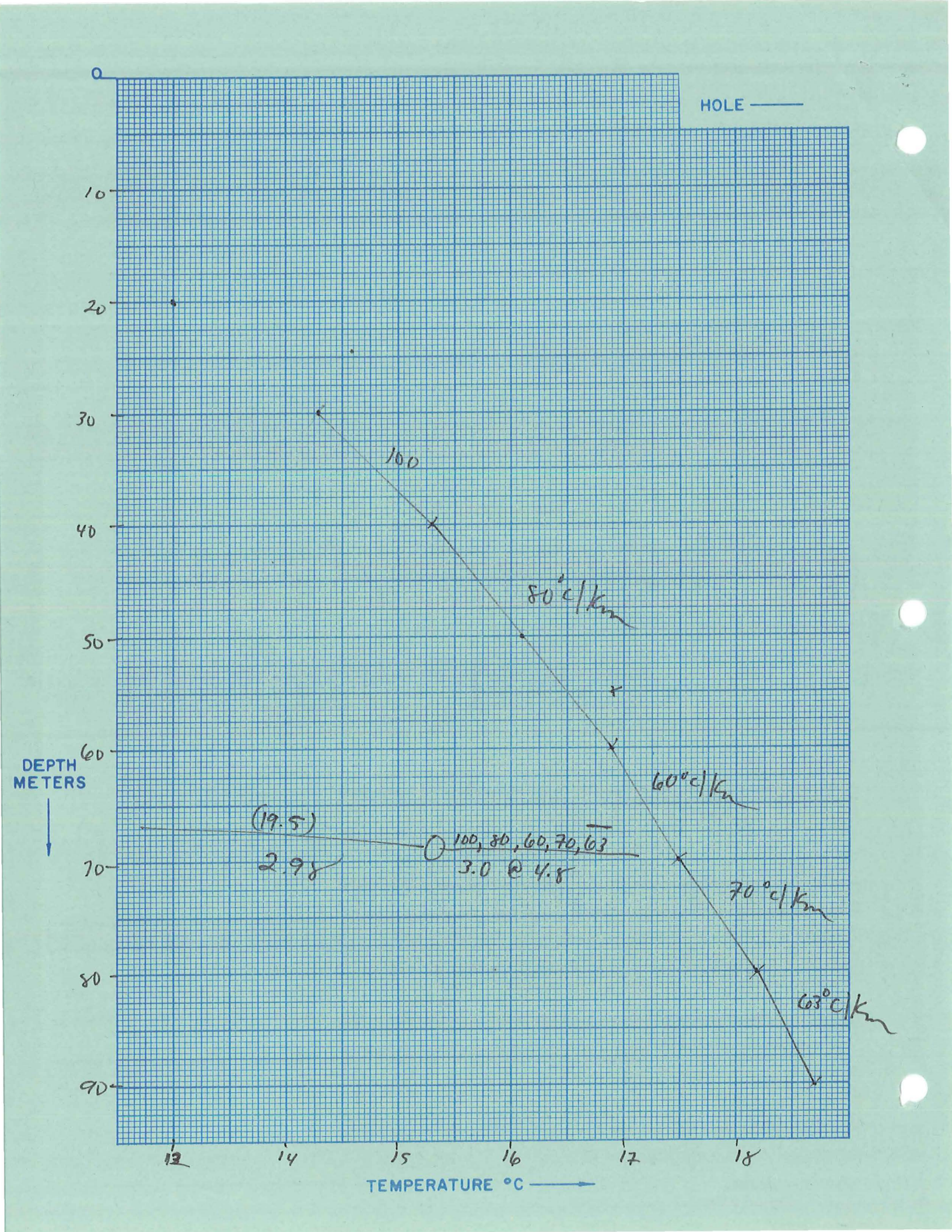
Start →

Segment 9

Segment 10

Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
DEPTH METERS
12
14
15
16
17
18
TEMPERATURE °C
160
80°c/km
60°c/km
70°c/km
63°c/km
(19.5)
2.98
100, 80, 60, 70, 63
3.0 @ 4.8

Date Logged: 29/7/80 ΔT Well No. 1030-34

0-10m reading taken after 20 sec Pause Corner's Probe

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
1.0	12560	17.70					
1.5	14725	13.90					
2.0	15732	12.10					
2.5	16030	11.60					
3.0	16000	11.60					
3.5	15970	11.70					
4.0	15985	11.70					
4.5	15843	11.90					
5.0	15762	12.10					
5.5	15842	11.90					
6.0	15810	12.00					
6.5	15695	12.20					
7.0	15740	12.10					
7.5	15710	12.10					
8.0	15701	12.20					
8.5	15702	12.20					
9.0	15637	12.30					
9.5	15610	12.30					
10.0	15610	12.30					
11	15577	12.40					
12	15561	12.40					
13	15551	12.40					
14	15540	12.40					
15	15530	12.50					
16	15510	1250					
17	15472	12.60					
18	15404	12.70					

K=Conductivity

Date Logged: _____ ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
19	15324	12.80					
20	15246	13.00					
22	15092	13.20					
24	14915	13.50					
26	14748	13.80					
28	14618	14.10					
30	14485	14.30					
32	14370	14.50					
34	14266	14.70					
36	14136	14.90					
38	14028	15.10					
40	13931	15.30					
42	13834	15.40					
44	13742	15.60					
46	13651	15.70					
48	13555	15.90					
50	13426	16.10					
52	13326	16.30					
54	13270	16.40					
56	13176	16.60					
58	13073	16.80					
60	13020	16.90					
62	12945	17.00					
64	12872	17.10					
66	12800	17.20					
68	12706	17.40					
70	12635	17.50					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030 - 34

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
72	12530	17.70					
74	12468	17.80					
76	12395	17.90					
78	12301	18.10					
80	12250	18.20					
82	12180	18.30					
84	12085	18.50					
86	12030	18.60					
88	11960	18.70					
99999,							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth 1030

Hole: 1030-34

Elevation: 5497

Date Drilled: 6/12/80

Location: 39N 60E Sec. 18 NW-1/4 SE-1/4

Method: blade bit, mud

Geologist: Sarber

Gamma: very easy, fast drilling
no water noted

Depth (m)	Description
0-3	90% clay, 10% silt, sand and gravel. Brown color
3-6	Mostly gravel, rounded and subrounded; minor granule content, mostly small pebble to 2" diameter; various crystal tuffs (rhyolitic). Matrix of these gravels likely clay and silt and fine sand which washed out while drilling and wasn't sampled. (Bulk cuttings around drill site reflect this)
6-9	As above, finer gravel, mostly granules
9-24	as above
24-27	90% brown clay and silt, less than 10% sand, minor granule size gravel of above lithologies
27-30	As above
30-92	As above, slightly increased content of brown silt and clay, possibly 15%

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-37

Property-Project Deeth Depth Logged 88m

Map Twin Buttes Scale 7.5 Date: Drilled 21/6/80 Logged 29/7/80

State Nevada County Elko , ____ of ____ of SW of SE of Sec 24 T 38N R 59E

Instrument Conner's Probe Operator CT/DP Elevation 5460 ft

Comments

Card A

RT JUSTIFY

Proj No (1-4)	Well No (5-10)	Date Logged DA (11-12)	MO (14-15)	YR (17-18)	19*	20*
1030	37	29	7	80	C	M

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

Site Description (21-50)	Operator (51-55)	Editor (56-60)	Drilled DA (61-62)	MO (64-65)	YR (67-68)
5 KM SE TWIN BUTTES	CT/DP	/ DP	21	6	80

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

Card B

Map Location **

Scale Unit IN CM (21-25)	Map Size (7.5, 15., 60.) (26-30)	N Lat Degree (31-35)	N Lat Min (36-40)	W Long Degree (41-45)	W Long Min (46-50)
cm	7.5	41.	7.5	115.	22.5

Use decimals

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

Northing (51-60)	Easting (61-70)	Elev (71-75)	80
15.7	40.6	5460.	F

Use decimals

Write M if if meters

Segment 1 = Depths

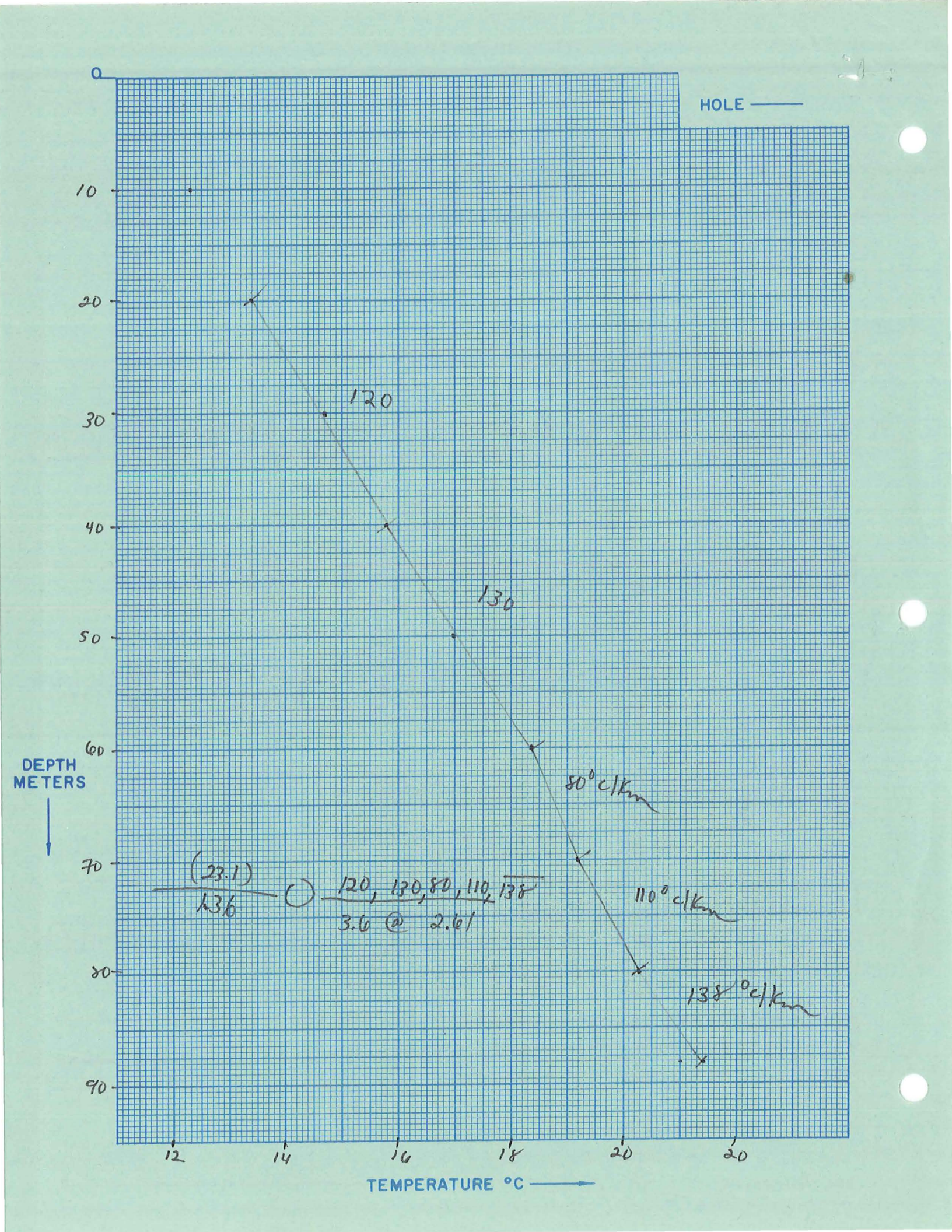
Conductivity

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment	Start	End	K	ΔK
1	20.0	40.0		
2	40.0	60.0		
3	60.0	70.0		
4	70.0	80.0		
5	80.0	88.0	-2.6	-.5
6	.999			
7				
8				
9				
10				

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
DEPTH METERS
12
14
16
18
20
20
TEMPERATURE °C
120
130
80°c/km
110°c/km
138°c/km
(23.1)
1.36
120, 130, 80, 110, 138
3.6 @ 2.6

Date Logged: 29/7/80 ΔT Well No. 1030 -37

0-10m readings taken after 20 sec Pause Conner's Probe

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
2.0	7628	29.90					
2.5	8259	28.20					
3.0	9147	25.70					
3.5	9687	24.20					
4.0	10058	23.20					
4.5	10357	22.40					
5.0	10796	21.20					
5.5	11087	20.40					
6.0	11298	19.90					
6.5	11598	19.30					
7.0	11786	19.00					
7.5	11978	18.70					
8.0	12465	17.80					
8.5	12590	17.60					
9.0	12780	17.30					
9.5	14980	13.40					
10.0	15595	12.30					
11	15600	12.30					
12	15540	12.40					
13	15510	12.50					
14	15370	12.70					
15	15310	12.80					
16	15238	13.00					
17	15180	13.10					
18	15095	13.20					
19	15059	13.30					
20	14980	13.40					

K=Conductivity

Date Logged: _____ ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
22	14829	13.70					
24	14750	13.80					
26	14540	14.20					
28	14405	14.40					
30	14240	14.70					
32	14120	14.90					
34	13990	15.20					
36	13858	15.40					
38	13730	15.60					
40	13644	15.80					
42	13420	16.20					
44	13315	16.30					
46	13260	16.40					
48	13105	16.70					
50	12915	17.00					
52	12750	17.30					
54	12600	17.60					
56	12495	17.80					
58	12259	18.20					
60	12150	18.40					
62	12115	18.40					
64	11950	18.70					
66	11850	18.90					
68	11750	19.10					
70	11662	19.20					
72	11568	19.40					
74	11554	19.40					

K=Conductivity

Date Logged: _____ ΔT Well No. 1030-37

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
76	11364	19.70					
78	11215	20.00					
80	11120	20.30					
82	11015	20.60					
84	10905	20.90					
86	10800	21.20					
88	10710	21.40					
99999.							

K=Conductivity

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-37

Elevation: 5460'

Date Drilled: 6/21/80

Location: 38N 59E Sec. 24 SW-1/4 SE-1/4

Method: Blade, air/foam

Geologist: Sarber

Gamma: no H_2O noted

Depth (m)	Description
0-9	olive colored friable consolidated clay, sub lithified
9-90	Same, however color blue-green. Fine sand and silt content increases with depth and at various intervals but never exceeds 5-10%. No gravel. Increasing lithification with depth, changes from quite friable to not easily broken to a not well indurated claystone at bottom.

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-101 (DT 207)

Property-Project Deeth Depth Logged 40m

Map Twin Buttes Scale 7.5' Date: Drilled ? Logged 9/6/78

State Nevada County ELKO, ___ of ___ of NW of SE of Sec 7 T 38N R 59E

Instrument DT 101 Operator DAM Elevation 5605 (ft / m)

Comments windmill

Card A

RT 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
1030	101	9	6	78	C M

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

Site Description (21–50)	Operator (51–55)	Editor (56–60)	Drilled DA (61–62)	Drilled MO (63–64)	Drilled YR (65–66)
5km SW of TWIN BUTTES	DAM	/ DP			

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

Card B

Map Location * *

Scale Unit IN CM (21–25)	Map Size (7.5, 15., 60.) (26–30)	N Lat Degree (31–35)	N Lat Min (36–40)	W Long Degree (41–45)	W Long Min ** (46–50)
cm	7.5	41.	7.5	115.	22.5

Use decimals

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

Northing (51–60)	Easting (61–70)	Elev (71–75)		Write M if if meters
31.2	6.8	5605.		F

Use decimals

Segment 1 = Depths

Start (21–30)	End (31–35)	Conductivity K (36–40)	ΔK (41–45)
15.0	35.0	−4.0	−0.5

Best cond. (−K)

Downward extrapolations (−ΔK)

Segment 2 Start (51–60)	End (61–70)	K (71–75)	ΔK (76–80)
.999			

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

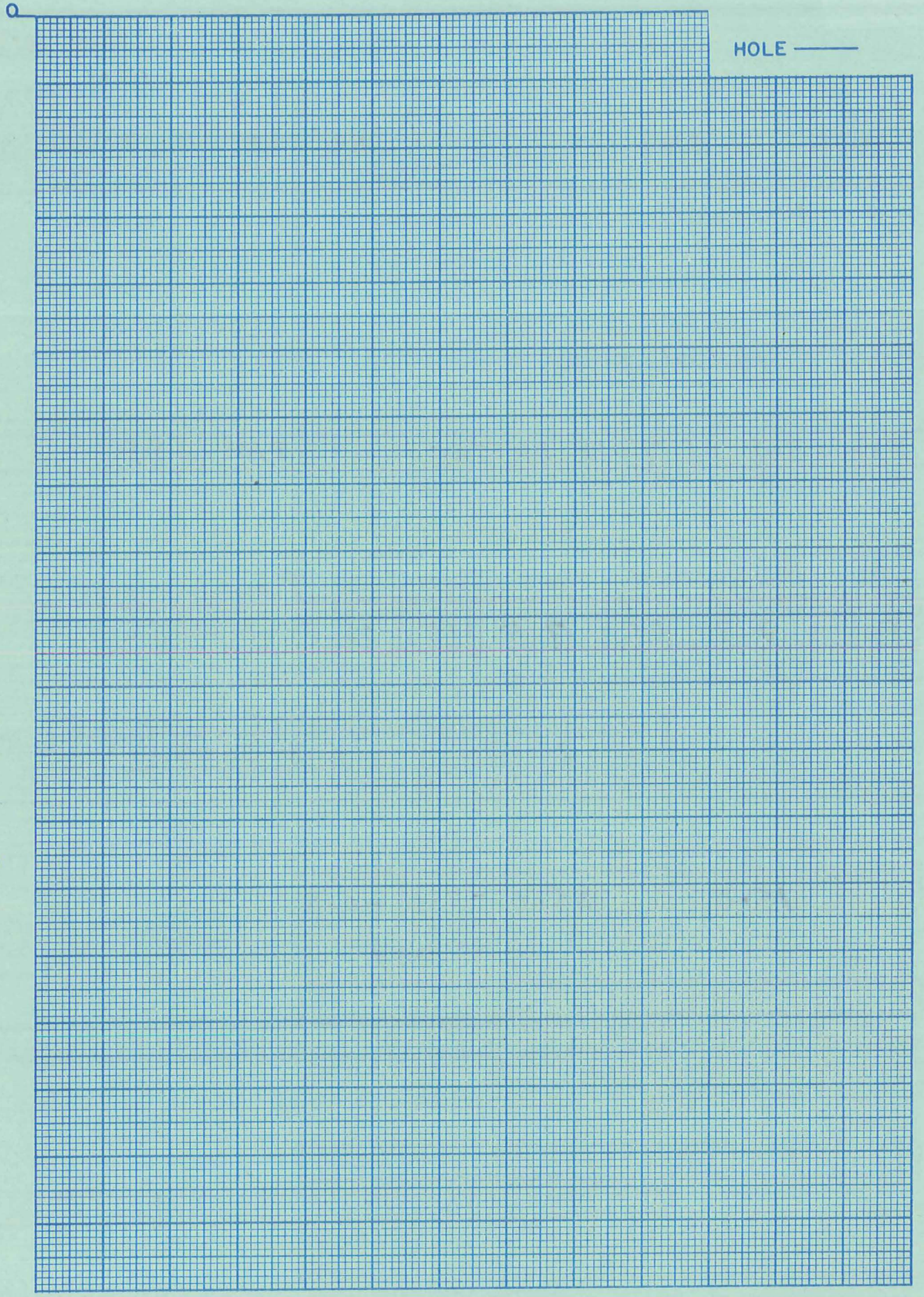
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0
HOLE
DEPTH
METERS
TEMPERATURE °C

Date Logged: 9/6/78

ΔT Well No. 1030-101 (ΔT207)

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
15		15.00					
20		15.60					
25		16.15					
30		16.95					
35		17.43					
40		17.74					$\Delta T = \frac{17.43 - 15.00}{20} \times 1000$
99999.							

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-102 (DT 206)

Property-Project Deeth Depth Logged 40 m

Map Twin Buttes Scale 7.5' Date: Drilled ? Logged 9/6/78

State Nevada County EIKO , of of NW of SW of Sec 28 T 38N R 59E

Instrument DT 101 Operator DAM Elevation 5570 (ft m)

Comments Wind mill

Card A

RT JUSTIFY | Proj No | Well No | Date Logged: DA | MO | YR | * | C M

1030 | 102 | 9 | 6 | 78 | C | M

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

Site Description | Operator | Editor | Drilled: DA | MO | YR

7.5 km SSW of TWIN BUTTES | DAM | DP

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

Card B

Scale Unit IN CM | Map Size (7.5, 15., 60.) | Map Location ** : N Lat: Degree | Min | W Long: Degree | Min **

Cm | 7.5 | 41. | 7.5 | 115. | 22.5

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

Use decimals

Northing | Easting | Elev

12.2 | 15.8 | 5570. | F

Write M if if meters

Use decimals

Segment 1 = Depths: Start | End | Conductivity: K | ΔK

20.0 | 40.0 | -3.3 | -0.5

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

Segment 2 Start → .999 | End | K | ΔK

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

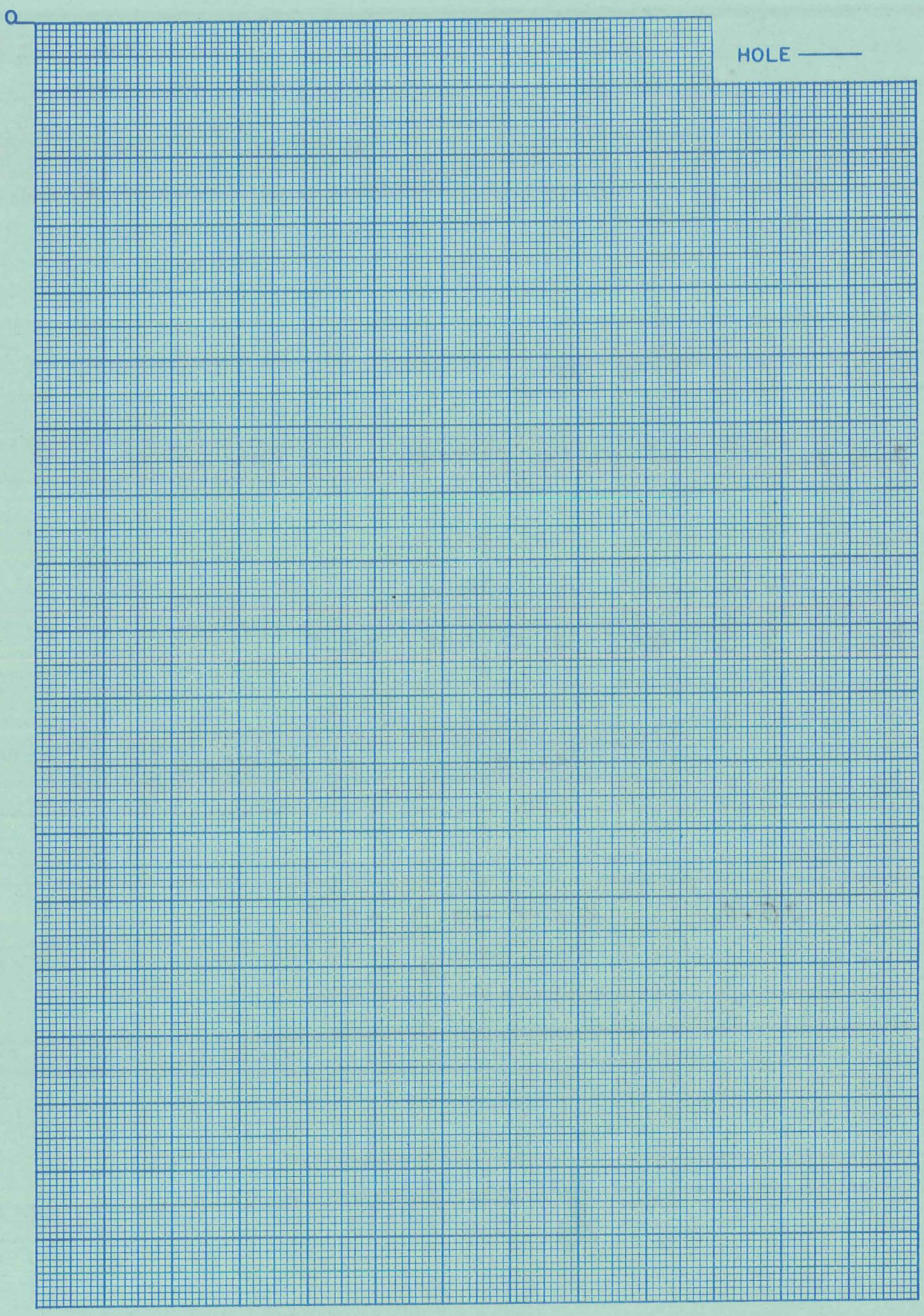
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0
HOLE
DEPTH
METERS
TEMPERATURE °C

Date Logged: 9/6/78

ΔT Well No. 1030-102 (ΔT 206)

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
15		15.55					
20		15.78					
25		16.05					
30		16.44					
35		16.87					
40		17.20					
99999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-103 (DT204)

Property-Project Deeth Depth Logged 145m

Map Twin Buttes Scale 7.5' Date: Drilled ? Logged 8/6/78

State Nevada County Elko , of of NW of NE of Sec 6 T37N R59E

Instrument DT 101 Operator DAM Elevation 5780 (ft / m)

Comments windmill

Card A

RT JUSTIFY | Proj No | Well No | Date Logged: DA | MO | YR | *

1030 | 103 | 8 | 6 | 78 | C | M

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

Site Description | Operator | Editor | Drilled: DA | MO | YR

11 KM SW of TWIN BUTTES | DAM | DP

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

Card B

Scale Unit IN CM | Map Size (7.5, 15., 60.) | Map Location ** : N Lat: Degree | Min | W Long: Degree | Min | **

Fm | 7.5 | 41. | 7.5 | 115. | 22.5

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

Use decimals

Northing | Easting | Elev

2.1 | 3.8 | 5780. | F ← Write M if if meters

Use decimals

Segment 1 = Depths: Start | End | Conductivity: K | ΔK

10.0 | 100.0

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

Segment 2 Start → | End | K | ΔK

100.0 | 140.0 | -5.5 | -0.5

Segment 3

.999

Segment 4 Start →

Segment 5

Segment 6 Start →

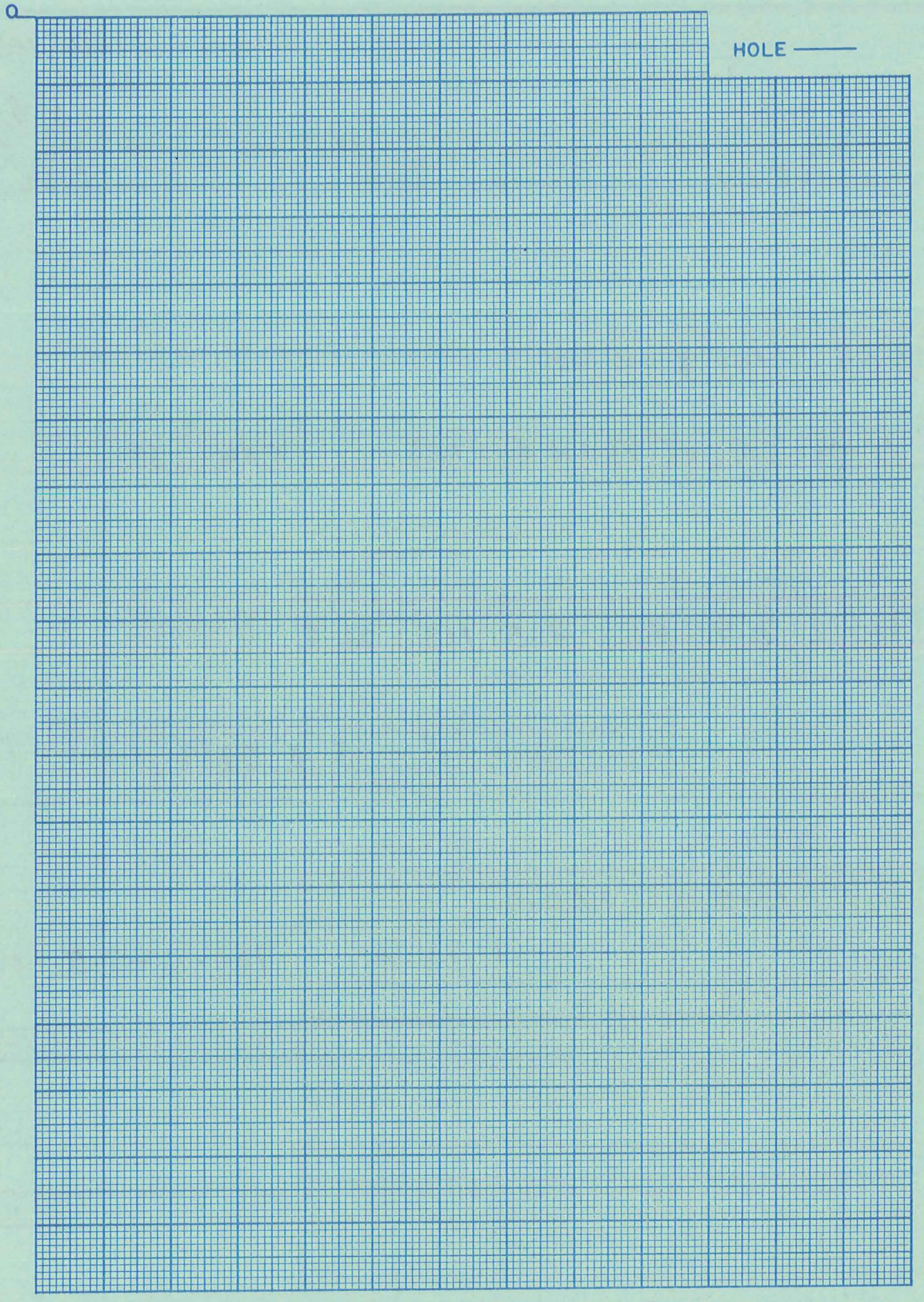
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0
HOLE
DEPTH
METERS
TEMPERATURE °C

Date Logged: 8/6/78

ΔT Well No. 1030-103 (ΔT204)

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
10		15.75					
20		17.97					
30		20.67					
48		23.15					
50		25.85					
60		28.65					
70		31.70					
80		34.17					
90		36.14					
100		38.41					
110		40.49					
120		41.58					
130		42.95					
140		44.52					
99999							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-104 (DT 203)

Property-Project Deeth   Depth Logged 42m

Map Deeth   Scale 7.5'   Date: Drilled ?   Logged 8/6/78

State Nevada   County Elko, ___ of ___ of SE of SE of Sec 5 T 37N R 59E

Instrument DT 101   Operator DAM   Elevation 5647 (ft/m)

Comments Windmill

Card A

RT JUSTIFY

Proj No (1–4)	Well No (5–10)	Date Logged DA (11–12)	MO (13–15)	YR (16–18)	19	20
1030	104	8	6	78	C	M

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

Site Description (21–50)	Operator (51–55)	Editor (56–60)	Drilled DA (61–62)	MO (63–65)	YR (66–68)
11 km SSW of TWIN BUTTES	DAM	/ DP			

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

Card B

Map Location **

revised by phone

Scale Unit IN CM (21–25)	Map Size (7.5, 15., 60.) (26–30)	N Lat Degree (31–35)	N Lat Min (36–40)	W Long Degree (41–45)	W Long Min (46–50) **
Fm	7.5	41.	0.0	115.	22.5

Use decimals

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

Northing (51–60)	Easting (61–70)	Elev (71–75)	76–79	80
~~43.3~~ 54.65	14.8	5647.		F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start (21–30)	End (31–40)	Conductivity K (41–45)	ΔK (46–50)
12.0	42.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start (51–60)	End (61–70)	K (71–75)	ΔK (76–80)
.999			

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

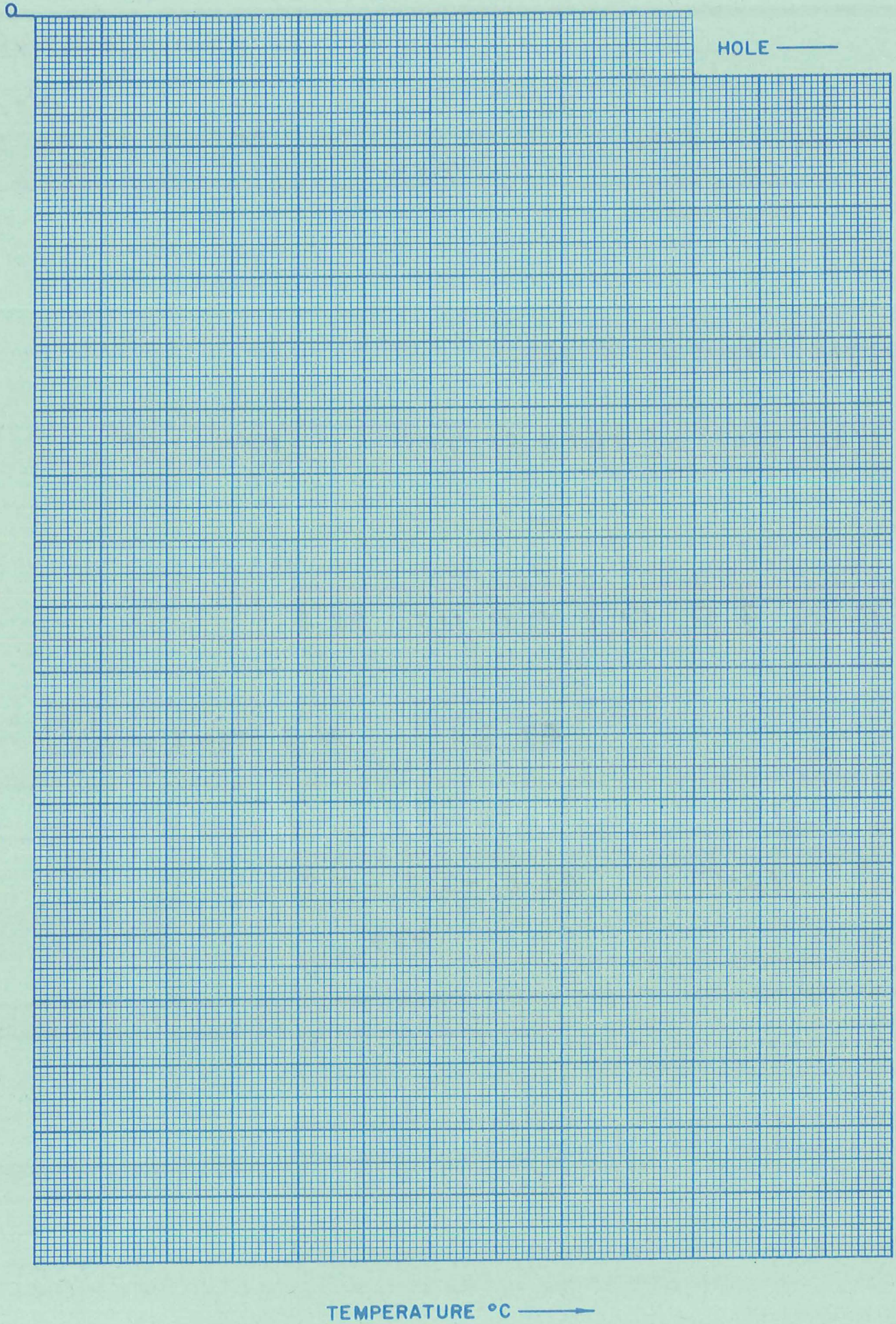
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0
HOLE
DEPTH
METERS
TEMPERATURE °C

Date Logged: 8/6/78

ΔT Well No. 1030-104 (ΔT 203)

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
12		14.45					
17		14.78					
22		15.11					
27		15.42					
32		15.73					
37		16.18					
42		16.38					
9999.9							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-105 (DT 216)

Property-Project Deeth Depth Logged 60m

Map Morgan Hill Scale 7.5' Date: Drilled _____ Logged 9/6/78

State Nevada County Elko, ____ of ____ of ____ of SW of Sec 12 T 37N R 58E

Instrument DT 101 Operator MJ Elevation 5560 (ft / m)

Comments Wind mill

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*	
	1030	105	9	6	78	C	M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
13 Km SW of TWIN BUTTES	MJ	/	DP		

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min **
Fm	7.5	41.	0.0	115.	30.0

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

Use decimals

Northing	Easting	Elev	
49.0	40.1	5560.	F

← Write M if if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
10.0	55.0	-3.0	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (End, K, ΔK)

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

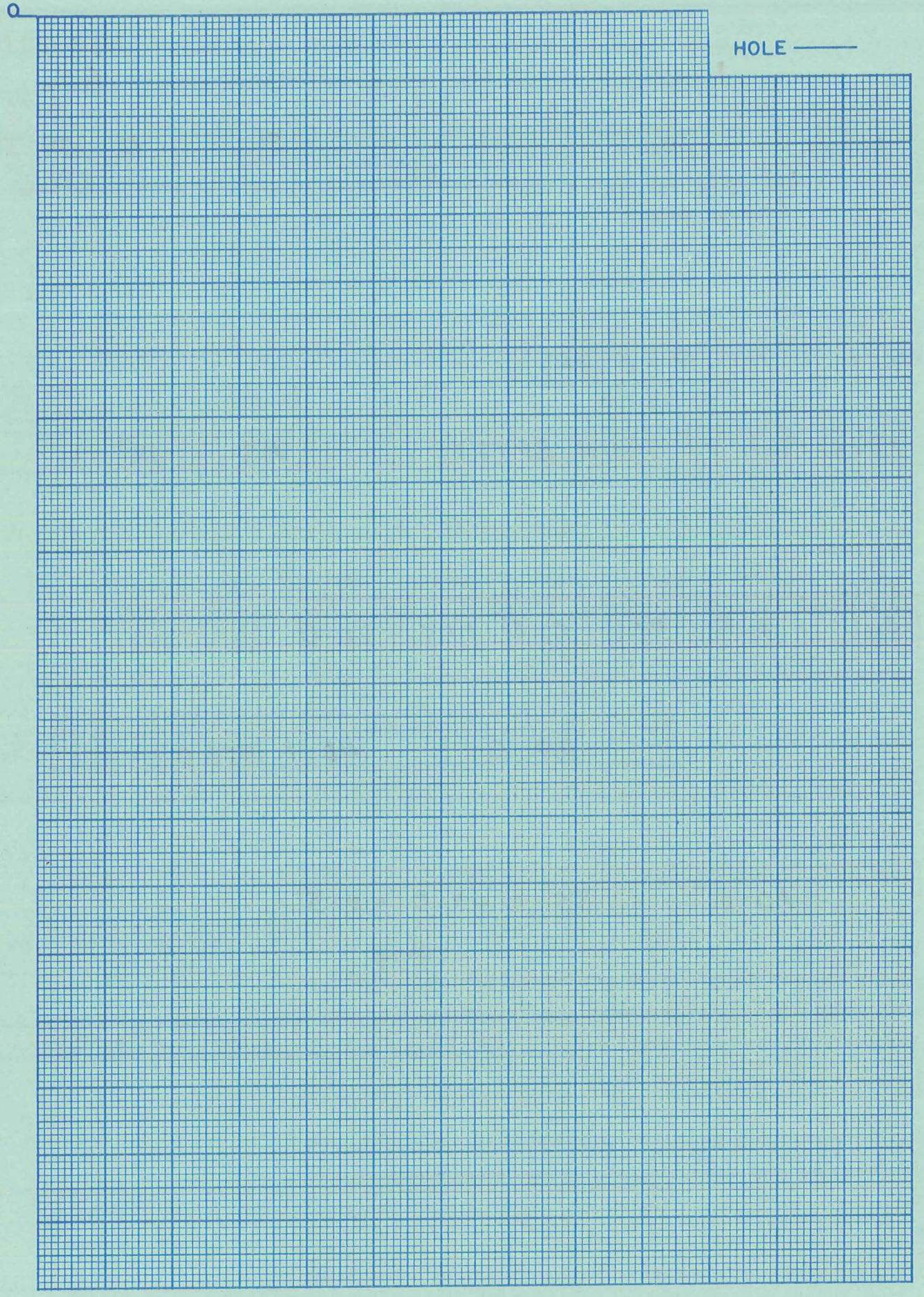
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0
HOLE
DEPTH
METERS
TEMPERATURE °C

Date Logged: 9/6/78

ΔT Well No. 1030-105 (ST 216)

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
10		13.90					
20		17.08					
30		20.11					
40		23.17					
50		25.96					
55		27.61					
60		27.61					
9999.							

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-106 (ΔT 202)

Property-Project Deeth Depth Logged 20m

Map Deeth Scale 7.5' Date: Drilled — Logged 8/6/78

State Nevada County Elko, ___ of ___ of SW of NE of Sec 18 T 37N R 59E

Instrument DT 101 Operator DAM Elevation 5619 ~~(ft (m))~~

Comments Windmill

Card A

RT JUSTIFY | Proj No | Well No | Date Logged: DA | MO | YR | *

1030 | 106 | 8 | 6 | 78 | M

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

Site Description | Operator | Editor | Drilled: DA | MO | YR

14 km SSW of TWIN BUTTES | DAM / DP

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

Card B

Scale Unit IN CM | Map Size (7.5, 15., 60.) | Map Location ** : N Lat Degree | N Lat Min | W Long Degree | W Long Min | **

Cm | 7.5 | 41. | 0.0 | 115. | 22.5

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

Use decimals

Northing | Easting | Elev

43.4 | 7.7 | 5619. | F ← Write M if if meters

Use decimals

Segment 1 = Depths: Start | End | Conductivity: K | ΔK

15.0 | 20.0 | −3.0 | −0.5

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

Segment 2 Start → .999 | End | K | ΔK

~~3.0 | 3.0 | 0.5~~

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

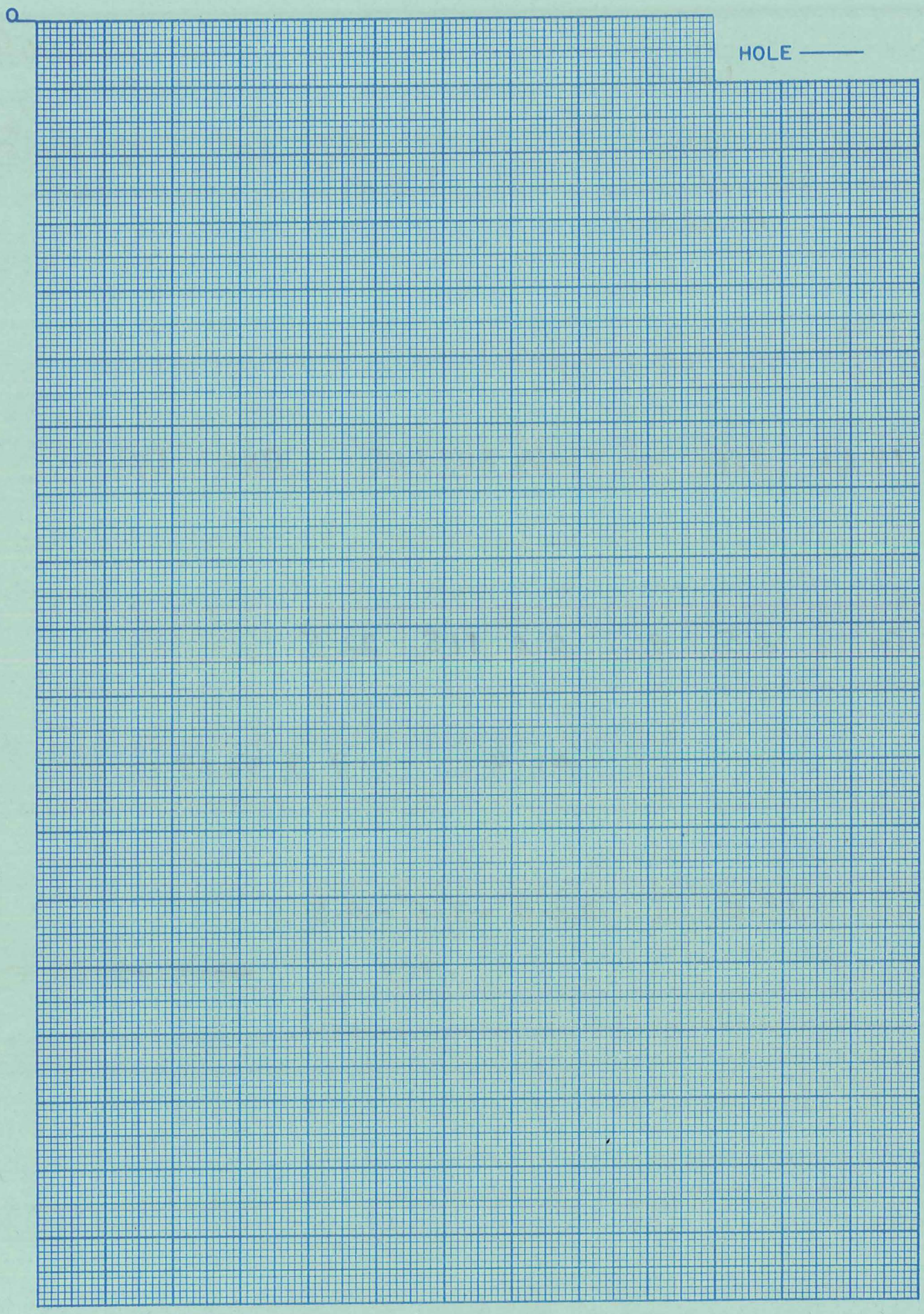
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0
HOLE
DEPTH
METERS
TEMPERATURE °C

Date Logged: 8/6/78

ΔT Well No 1030-106 (ΔT202)

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
10		16.35					
15		16.80					
17.5		17.35					
20		17.89					
FFFF.							

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-107

Property-Project Deeth Depth Logged 129 m.

Map Peko Peak Scale 7½ Date: Drilled ? Logged Feb 3, 1980

State Nevada County Elko, ___ of ___ of SW of SE of Sec 22 T 38N R 58E

Instrument enviro lab Operator Sarber Elevation 5852 (ft/m)

Comments cased water well

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
1030	107	3	2	80	C M

Date Logged

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
8 km ESE DEVILS GATE	SS / DP				

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

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	N Lat Min	W Long Degree	W Long Min **
cm	7.5	41.	7.5	115.	30.0

Use decimals

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

Northing	Easting	Elev	
17.0	28.8	5855.	F

Use decimals

Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	Conductivity ΔK
20.0	40.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start	End	K	ΔK
40.0	100.0	-5.0	-.5

Segment 3: 100.0 129.0

Segment 4 Start: .999

Segment 5

Segment 6 Start

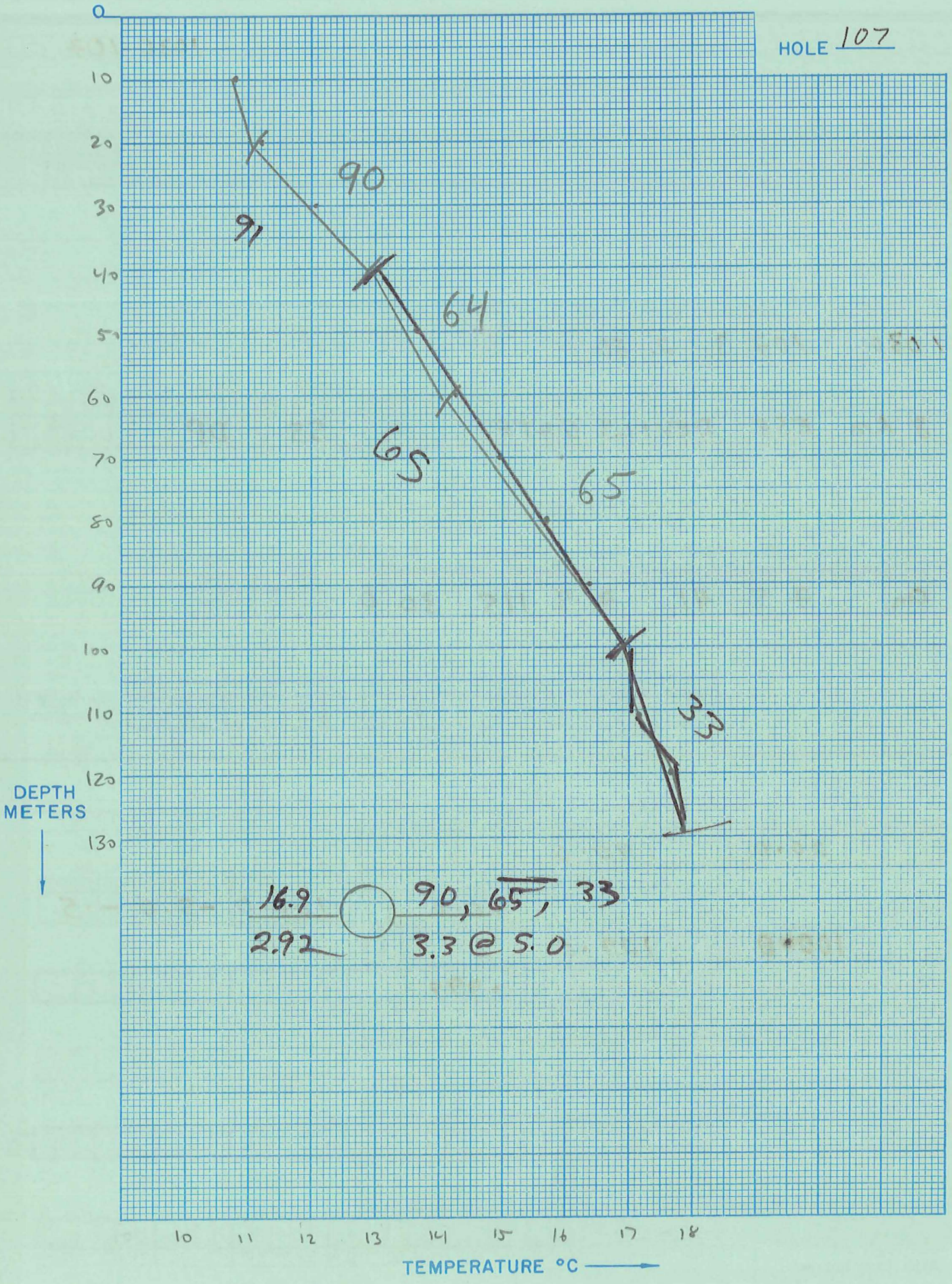
Segment 7

Segment 8 Start

Segment 9

Segment 10 Start

After final segment Start = .999


HOLE 107
0
10
20
30
40
50
60
70
80
90
100
110
120
130
DEPTH METERS
91
90
64
65
65
33
16.9
2.92
90, 65, 33
3.3 @ 5.0
10
11
12
13
14
15
16
17
18
TEMPERATURE °C

Date Logged: 3/2/80

ΔT Well No. 1030-107

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
10		10.80					
20		11.20					
30		12.09					
40		13.01					
50		13.66					
60		14.29					
70		14.92					
80		15.70					
90		16.39					
100		16.90					
110		17.15					
120		17.67					
129		17.85					
ffff.							

K=Conductivity

page ____ of ____