A00044

TEC-23

ΔT Nevada. 1987

200-299 Temperature Depth Log

Counties: Elko, Eureka, White Pine, Lander, Humboldt,

Missing ΔT Files

214
224
234
246-247
252
264
274-276
283-284
287

Δ200

AMAX EXPLORATION, INC. K3.5 Q4.9

TEMPERATURE/DEPTH LOG

ΔT Well No. _____

Property-Project 566 Depth Logged 25 m

Map Santa Rena Field Scale 7.5' Date: Drilled ? Logged 6/7/78

State _____ County _____, ___ of ___ of SE of SW of Sec 22 T 37N R 49E

Instrument DT 101 Operator D. Mako Elevation 5665 (ft) (m)

Comments _____

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
566	200	7	6	78	CM

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
	DAM				

(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	41.000		116.	30.

Use decimals

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

Northing	Easting	Elev	
30.06	26.106666.0		F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
20.0	25.0	-3.5	-.5

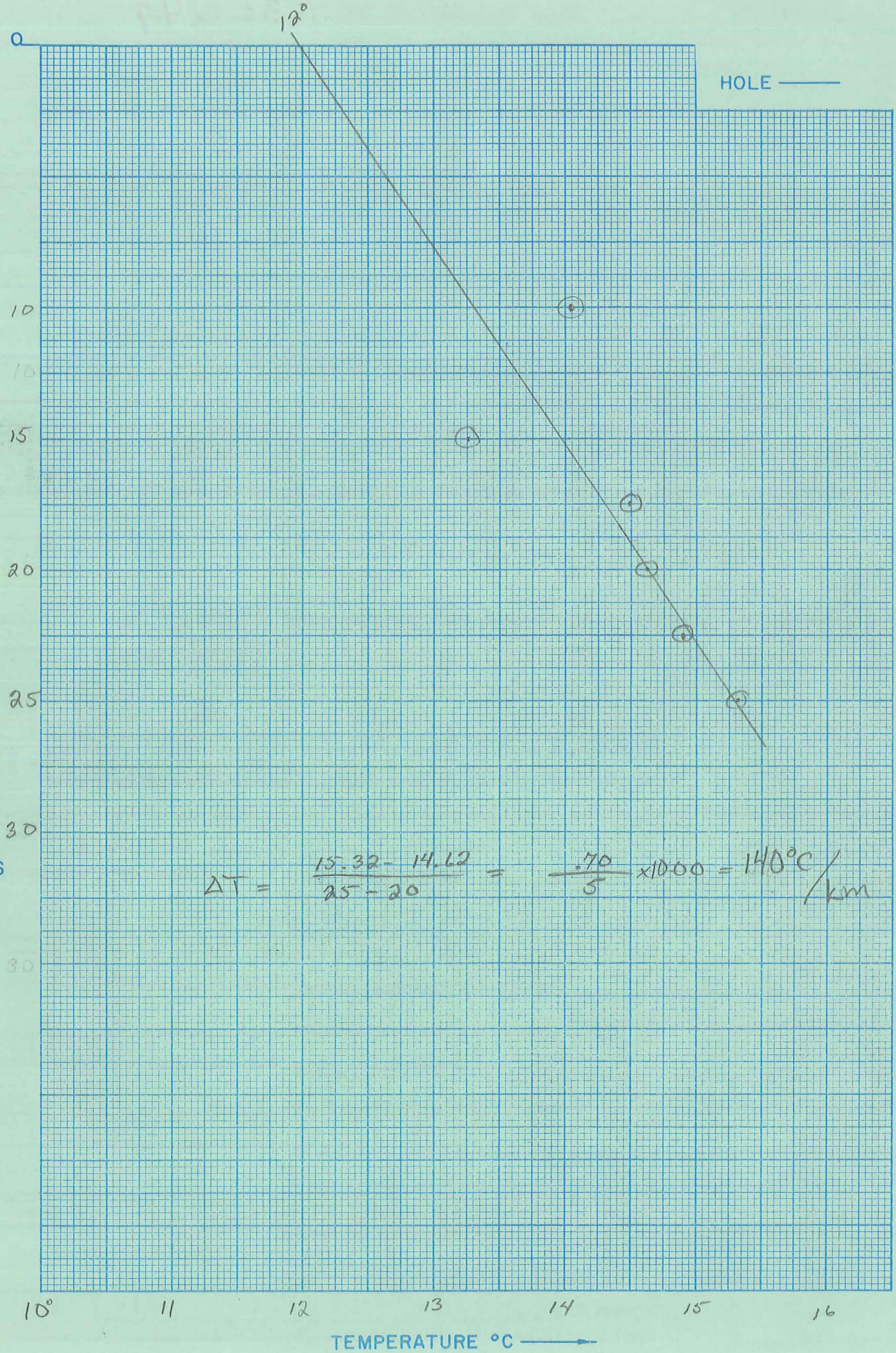
Best cond. (-K)

Downward extrapolations (-ΔK)

Segment	Start	End	K	ΔK
2	.999			
3				
4				
5				
6				
7				
8				
9				
10				

After final segment Start = .999

R 1 F 20 DAM


12°
0
HOLE
10
15
20
25
30
DEPTH METERS
$\Delta T = \frac{15.32 - 14.62}{25 - 20} = \frac{.70}{5} \times 1000 = 140°C/km$
10°
11
12
13
14
15
16
TEMPERATURE °C

R1 F20 DAM

Date Logged: 6/7/78 ΔT Well No. Δ200

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
10		14.05	-.79				
15		13.26	.23	42			
17.5		14.49	.13	52			
20.0		14.62	.28	108			
22.5		14.90	.42	168			Limestone (crystalline) at depth?
25.		15.32					

K=Conductivity

AMAX EXPLORATION, INC. K3.5 Q1.5 Δ201

TEMPERATURE/DEPTH LOG

ΔT Well No. _____

Property-Project 566 Depth Logged _____

Map Santa Rosa Fields Scale 7.5 Date: Drilled _____ Logged 6/7/88

State Nev County Elko , ___ of ___ of NE of NW of Sec 11 T 36N R 49E

Instrument DT 101 Operator D Malco Elevation 5400 (ft/m)

Comments _____

Card A

RT JUSTIFY | Proj No (1-4) | Well No (5-10) | Date Logged: DA (11-12), MO (13-15), YR (16-17) | * (19-20)

566 | 201 | 7 | 6 | 78 | CM

*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)

DAM

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

Card B

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

CM | 7.5 | 41.000. | 116. 30.

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

Use decimals

Northing (51-60) | Easting (61-75) | Elev (76-79) | (80)

9.69 | 32.77 | . | F

← Write M if if meters

Use decimals

Segment 1 = Depths: Start (21-30) | End (31-40) | Conductivity: K (41-45) | ΔK (46-50)

30.0 | 90.0 | -3.5 | -.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → (51-80): End | K | ΔK

.999

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

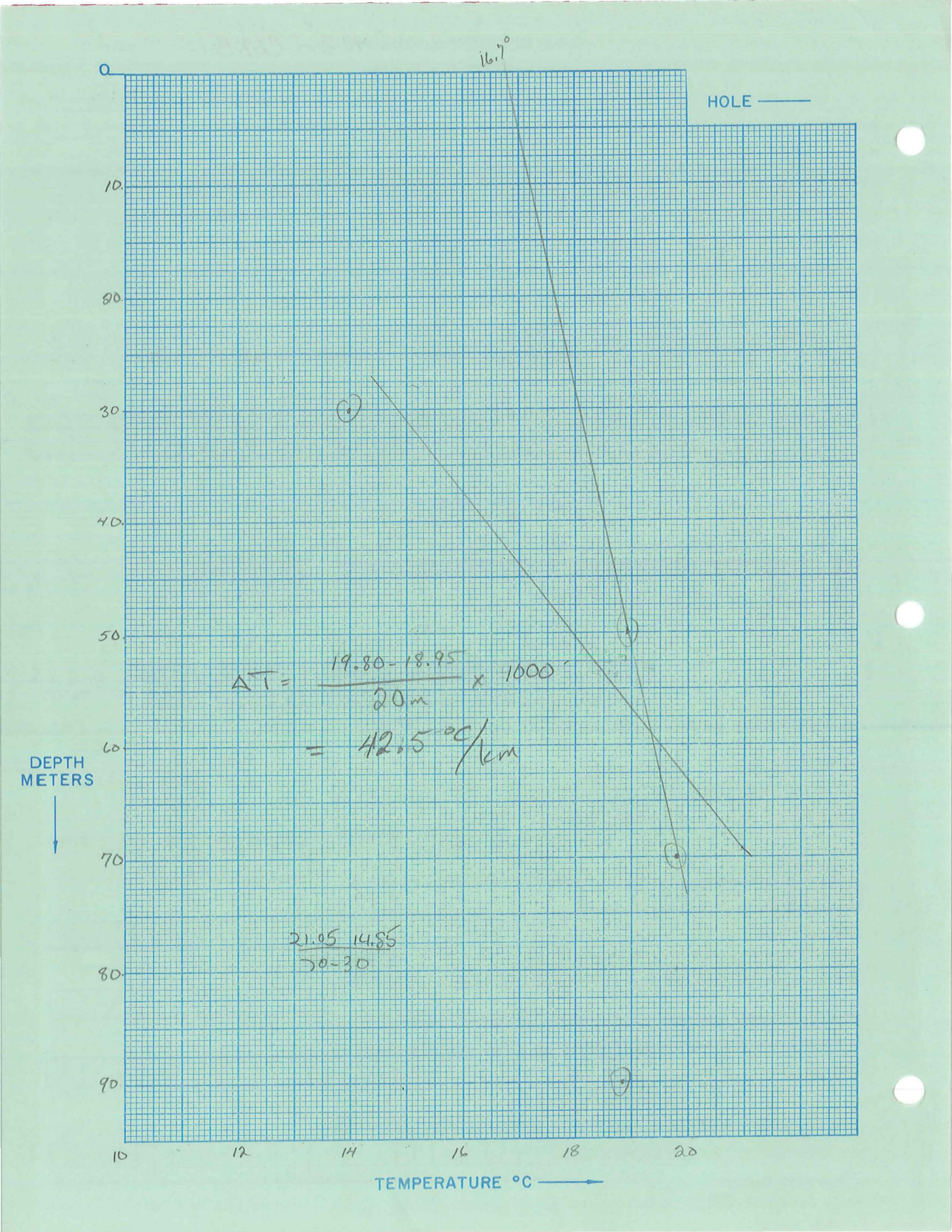
Segment 8 Start →

Segment 9

Segment 10 Start → (51-80)

After final segment Start = .999

R1F21 DAM


16.7°
0
HOLE
10
80
30
40
50
60
70
80
90
DEPTH METERS
10
12
14
16
18
20
TEMPERATURE °C
$\Delta T = \frac{19.80 - 18.95}{20\,m} \times 1000$
$= 42.5\ ^{\circ}C/km$
21.05 14.85
30-30

R1 F21 DAM

Date Logged: 6/7/78 ΔT Well No. A201

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal
30		14.00					
			4.95	227.5			
60		18.95				↑	
			.85	42.5			
70		19.80				Air	
			-.98	-49			
90		18.82				H_2O	Crystalline L.S. @ depth ?

K=Conductivity

A202

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

1030-106

ΔT Well No. _____

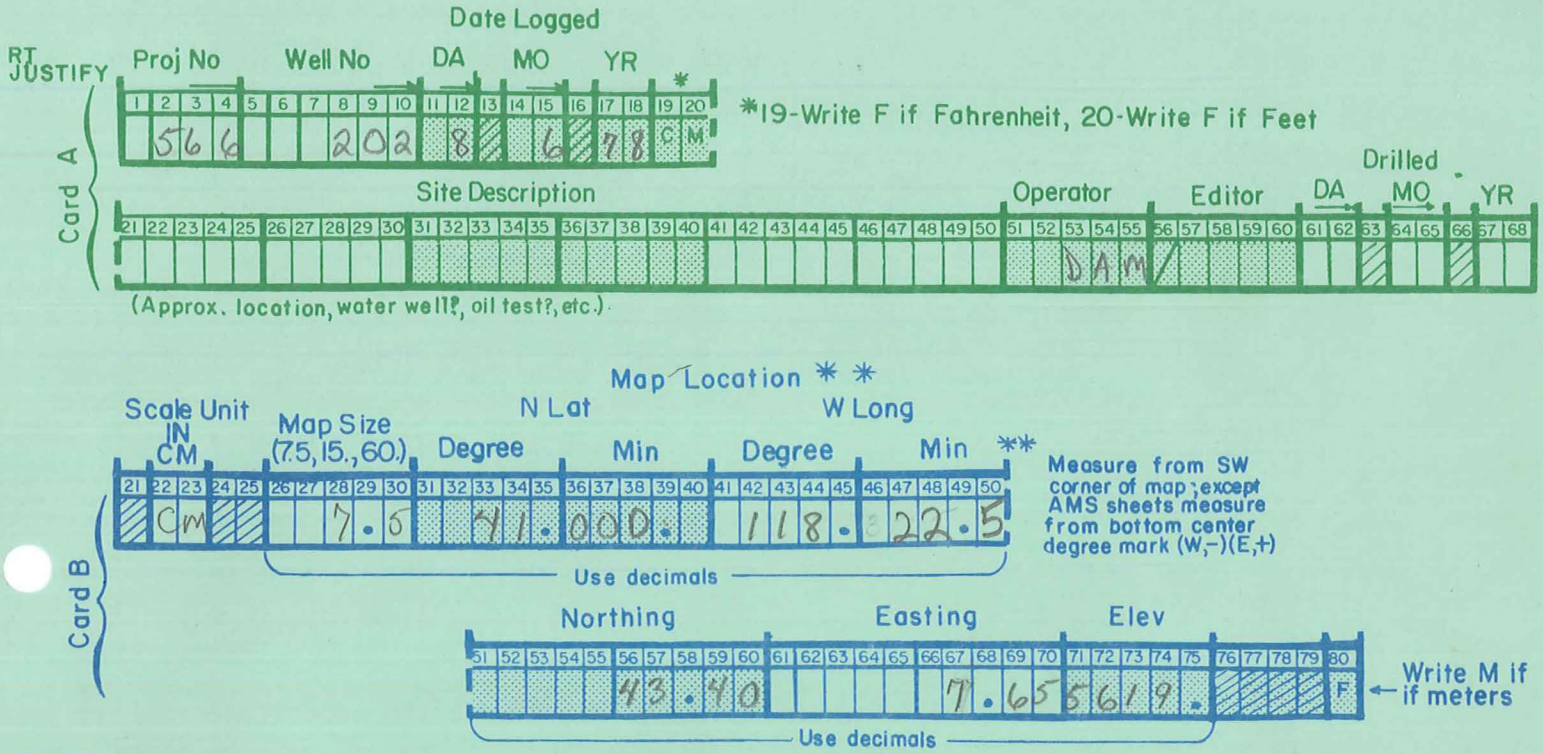
Property-Project 566 Depth Logged 20.7m 17.96°C

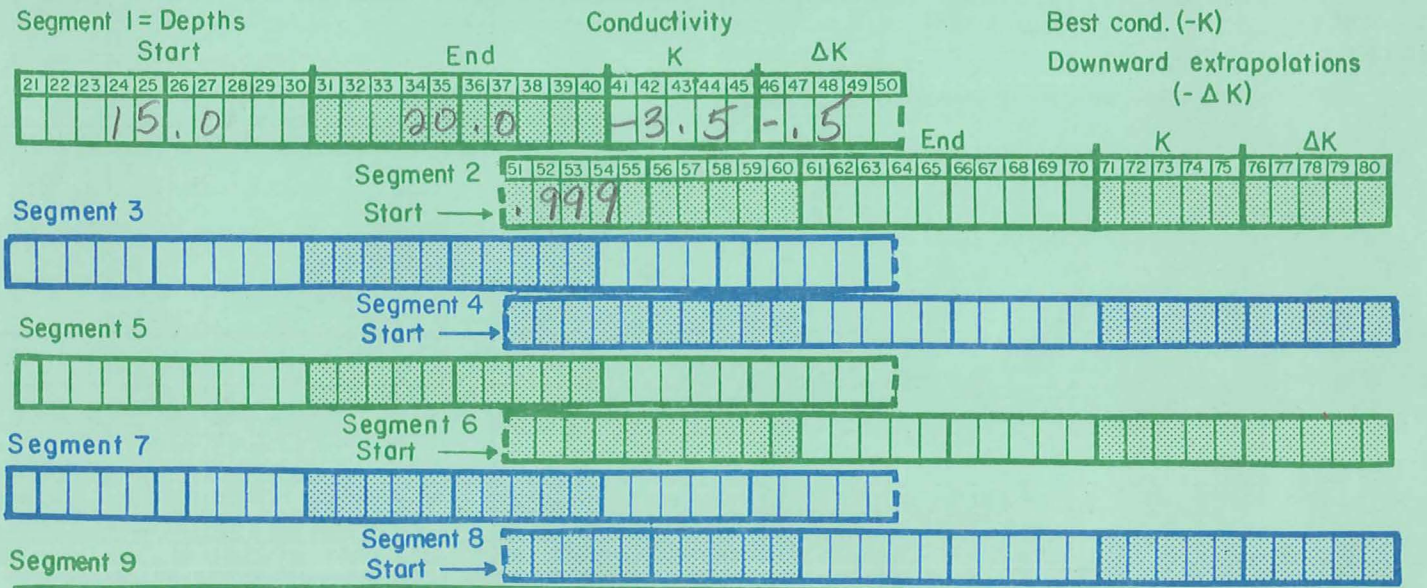
Map Death Scale 7.5 Date: Drilled _____ Logged 6/8/78

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

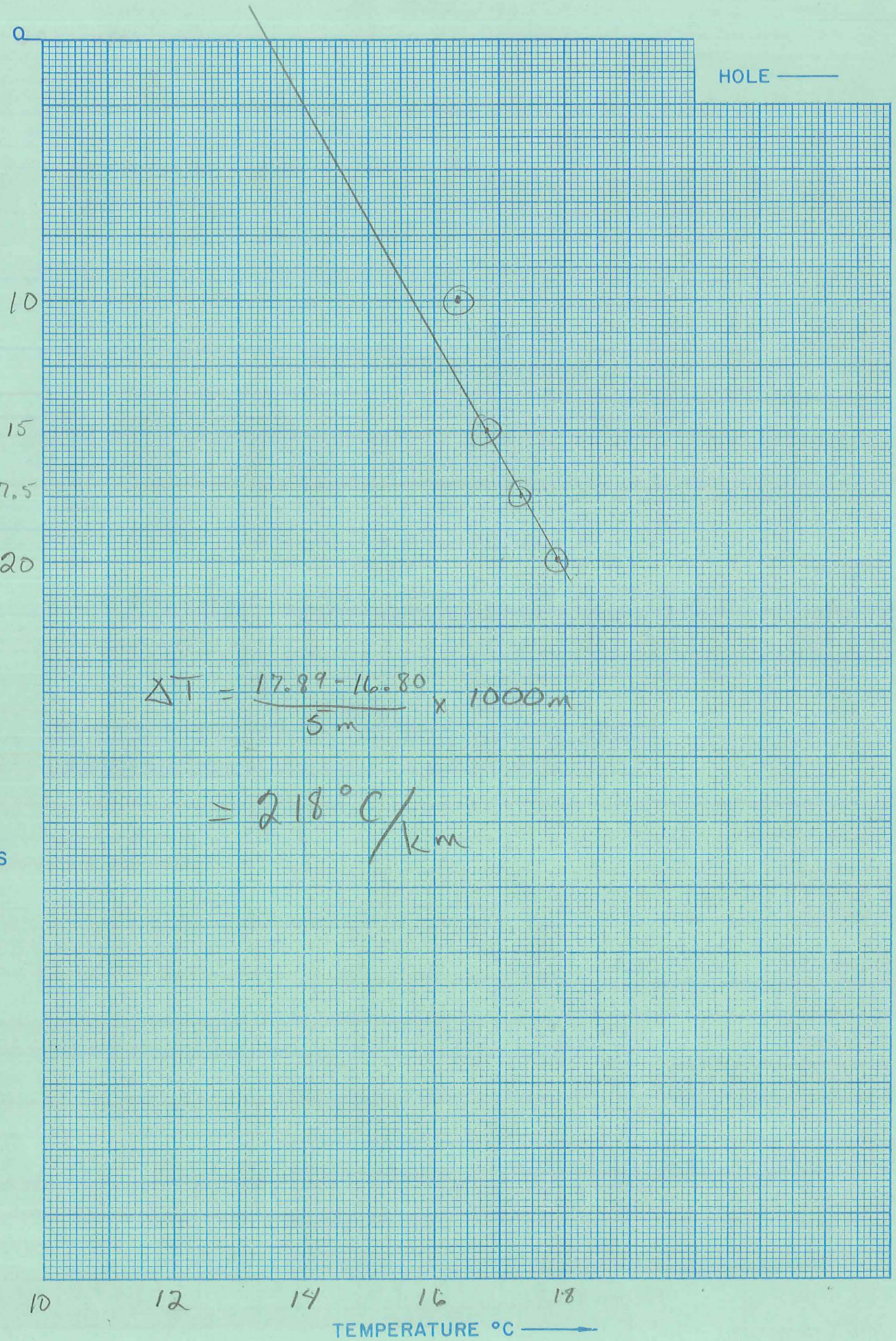
Instrument DT 101 Operator D Mako Elevation 5619 (ft) (m)

Comments Sagebrush Well





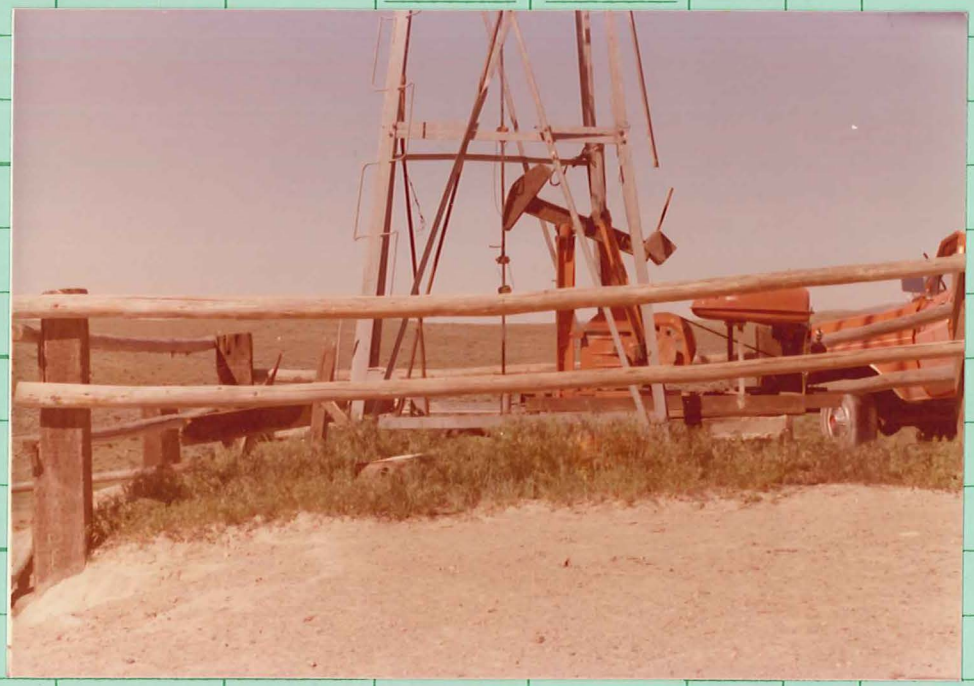
R1 F22 DAM


0
HOLE
10
15
17.5
20
$\Delta T = \frac{17.89 - 16.80}{5\,m} \times 1000\,m$
$= 218\,°C/km$
DEPTH METERS
10
12
14
16
18
TEMPERATURE °C

Date Logged: 6/8/78 9:30 ΔT Well No. Δ202

Sagebrush Well R1F20 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Valley fill
10		16.35				H_2O @ 1.8m	
15		16.80	.45	90.00			
17.5		17.35	.55	240.00			
20		17.89	.54	216.00			
20.7		17.96	.07				



K=Conductivity

AMAX EXPLORATION, INC. K3.5 ΔT64 Δ203

TEMPERATURE/DEPTH LOG Q2.2 1030-104

ΔT Well No. _____

Property-Project 566 Depth Logged _____

Map Death Scale 7.5' Date: Drilled _____ Logged 6/8/78

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

Instrument DT 101 Operator David A. Mako Elevation 5647 (ft, m)

Comments Marble Well

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
	5	6	6			2	0	3		8			6			7	8	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
																														D	A	M																	

(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
	C	M				7	.	5			4	1	.	0	0	0	.			1	1	8	.		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
					4	3	.	3	0						1	4	.	7	5	5	6	4	7	.					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
			1	2	.	0					4	2	.	0						-	3	.	5		-	.	5			

Segment 2 Start → .999 | End | K | ΔK

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

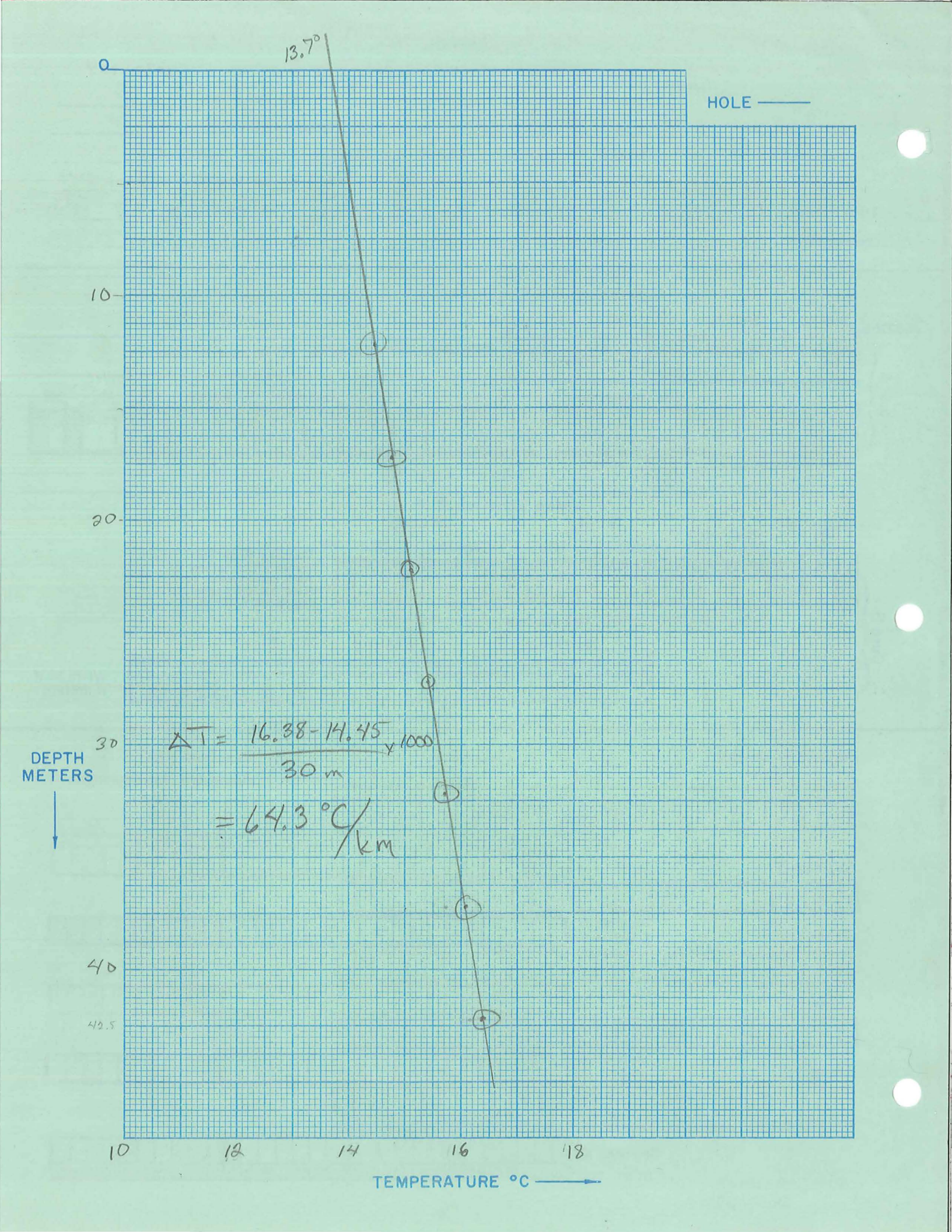
Segment 8 Start →

Segment 9

Segment 10 Start →

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
.	9	9	9																										

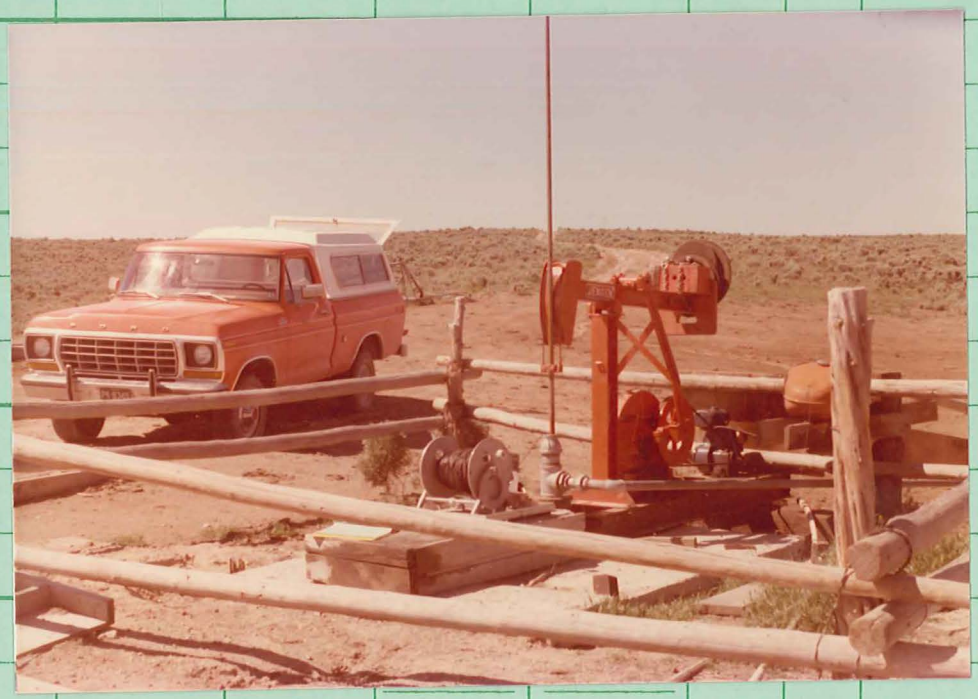
After final segment Start = .999


13.7°
0
HOLE
10
20
30
40
42.5
DEPTH METERS
ΔT = 16.38 - 14.45 / 30 m x 1000
= 64.3 °C/km
10
12
14
16
18
TEMPERATURE °C

Date Logged: 6/8/78 10:15 ΔT Well No. R1F23 DAM

Marble Well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air ↓	Valley fill
12		14.45				H_2O @ 7m	
17		14.78	.33	66			
22		15.11	.33	66			
27		15.42	.31	62			
32		15.73	.31	62			
37		16.18	.45	90			
42		16.38	.20	40			



K=Conductivity

Salt Block Well

AMAX EXPLORATION, INC. K6 Q8 ΔT134 Δ204

TEMPERATURE/DEPTH LOG

1030-103

ΔT Well No. _____

Property-Project 566 Depth Logged 145 m ?

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

State Nev. County Elko, ___ of NE of NW of NE of Sec 6 T37N R59E

Instrument DT 101 Operator David A. Mako Elevation 5779 (ft m)

Comments Marker stats that depth is 516' ≈ 150m

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
	5	6	6				2	0	4		8			6		7	8	C	M

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

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
Site Description																														Operator					Editor					DA		Drilled MO			YR		
																														D	A	M													

(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.	22.5

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

Use decimals

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
Northing										Easting										Elev									
					2.	1	0						3.	8	0	5	?	?	9.										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
		1	0.	0							1	0	0.																

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 2 Start →										End										K					ΔK				
										1	0	0.						1	4	0.					-6.	0		-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

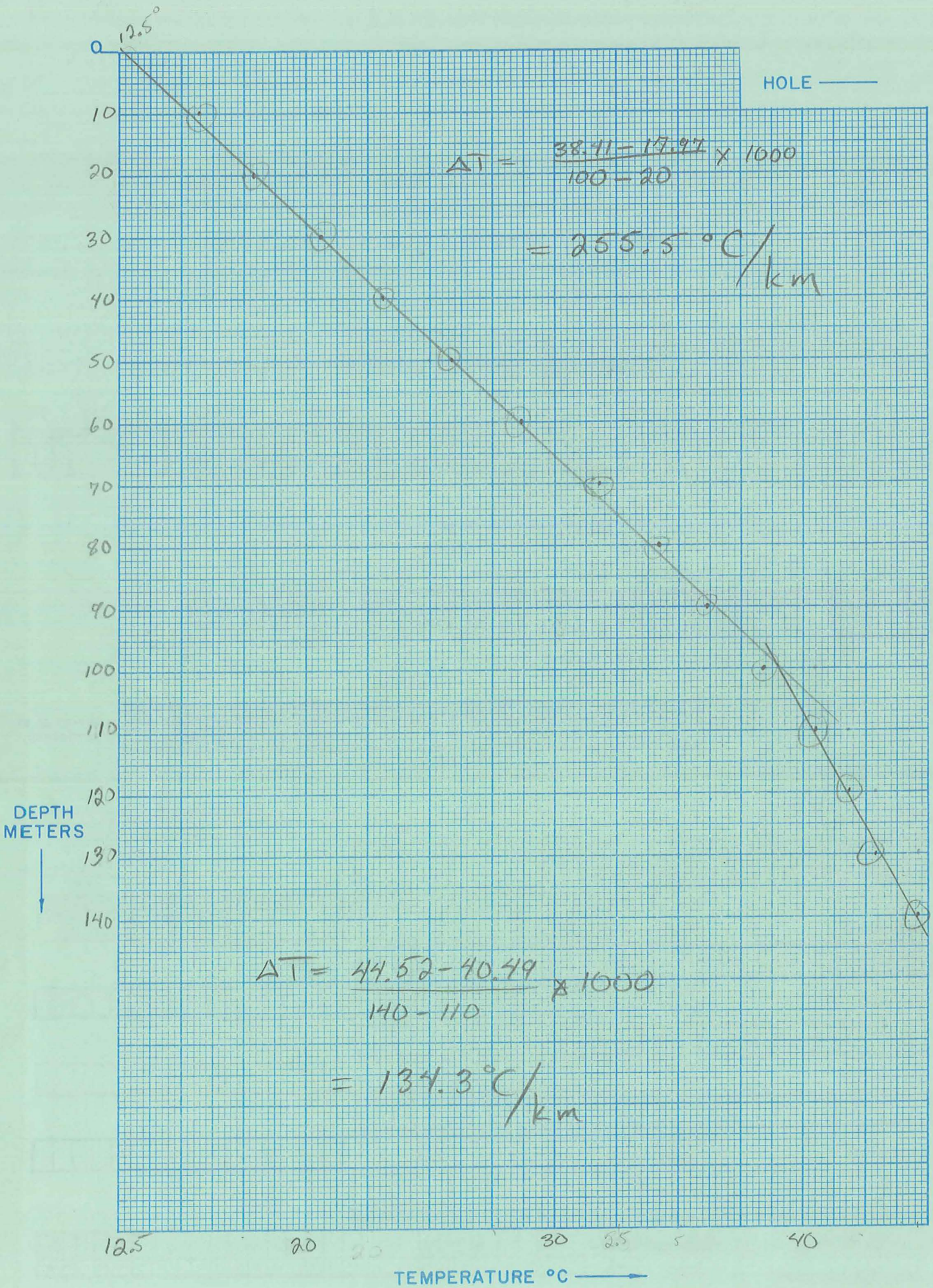
Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

R1 F24 DAM


HOLE
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
12.5°
DEPTH METERS
12.5
20
30
40
TEMPERATURE °C
$\Delta T = \frac{38.11 - 17.97}{100 - 20} \times 1000$
$= 255.5\ °C/km$
$\Delta T = \frac{44.52 - 40.49}{140 - 110} \times 1000$
$= 134.3\ °C/km$

Salt Block Well

Date Logged: 6/8/78 12:00 2nd Trial

ΔT Well No. Δ 204

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Valley fill
10		15.75	2.22	222			
20		17.97	2.71	271			
30		20.68	2.47	247			
40		23.15	2.70	270		Air	
50		25.85	2.80	270		H_2O	
60		28.65	3.05	305			
70		31.70	2.47	247			
80		34.17	1.97	197			
90		36.14	2.27	227			
100		38.41	2.08	208			
110		40.49	1.09	109			Rhyolite ? ↓
120		41.58	1.37	137			
130		42.95	1.57	157			
140		44.52				H_2O	

K=Conductivity

AMAX EXPLORATION, INC. K35Q 1.4 ΔT41 Δ205

TEMPERATURE/DEPTH LOG

ΔT Well No. _____

Property-Project 566 Depth Logged 40m

Map Black Butte Scale 7.5' Date: Drilled _____ Logged 6/9/78 10:00

State Nev County Elko, ___ of unsurveyed of ___ of ___ of Sec 35? T40N R61E

Instrument DT 101 Operator DA Malo Elevation 5764 (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
	5	6	6			2	0	5		9			6			7	8	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
																																D	A	M	/														

(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	.			1	1	5	.		7	.	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
					2	9	.	5	0						3	.	6	0	5	7	6	4	.						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
			2	0	.	0					4	0	.	0							−	3	.	5		−	0	.	5

Segment 2 Start → 999 | End | K | ΔK

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

Segment 8 Start →

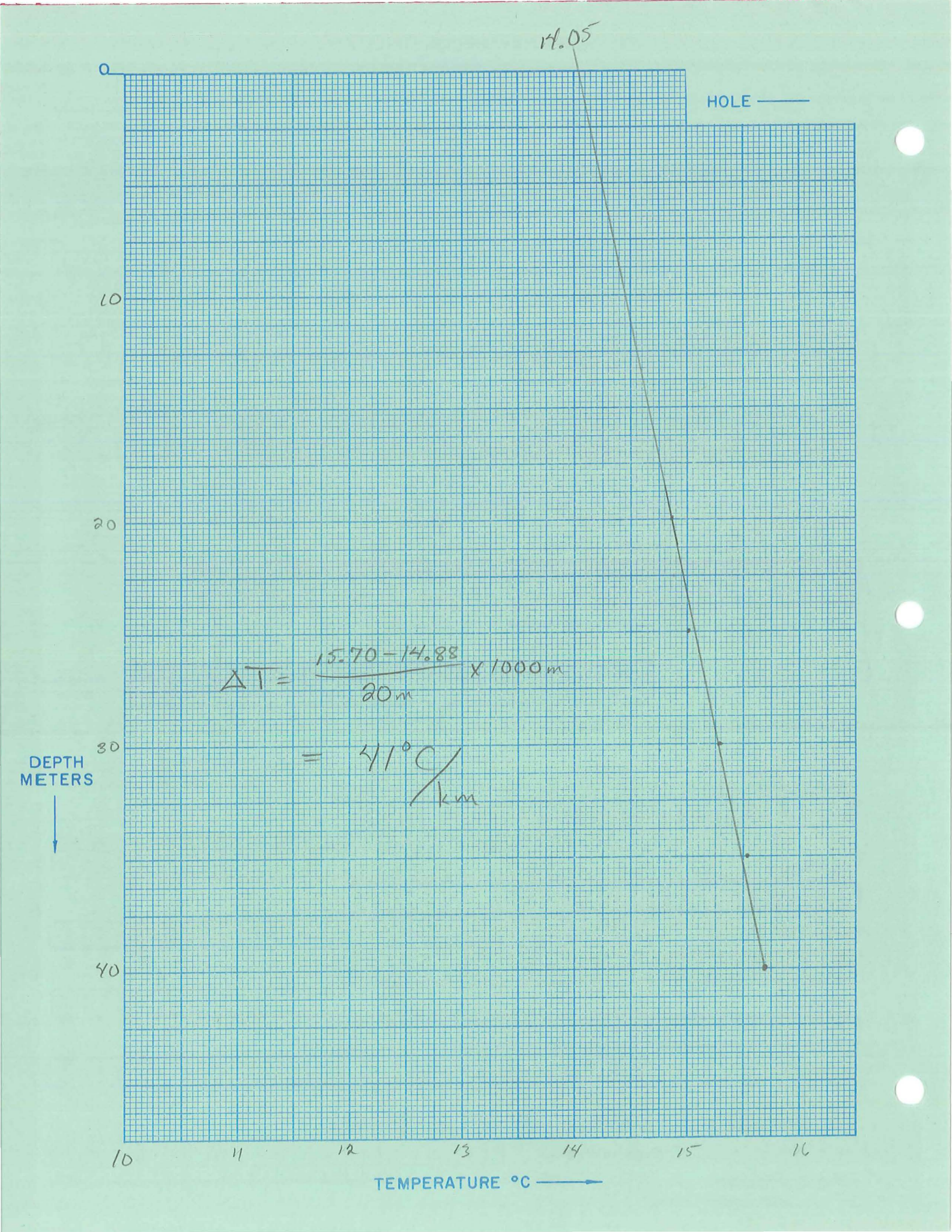
Segment 9

Segment 10 Start →

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
	9	9	9																									

After final segment Start = .999

R1 F27 DAM


14.05
0
HOLE
10
20
30
40
DEPTH METERS
$\Delta T = \frac{15.70 - 14.88}{20m} \times 1000m$
$= 41°C/km$
10
11
12
13
14
15
16
TEMPERATURE °C

Date Logged: 6/9/78

ΔT Well No. 205

R1F27 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							lake seds
20		14.88				H_2O	
25		15.02	0.14	28			
30		15.30	0.28	56			
35		15.54	0.24	48			
40		15.70	0.16	32		H_2O	

K=Conductivity

AMAX EXPLORATION, INC. K3.5 Q2.5 ΔT71 Δ206

TEMPERATURE/DEPTH LOG 1030-102

ΔT Well No. _____

Property-Project 566 Depth Logged 40 m

Map Twin Buttes Scale 2.5" Date: Drilled _____ Logged 6/9/78

State Nev County Elko, ___ of ___ of NW of SW of Sec 28 T 38N R 59E

Instrument DT 101 Operator David A. Mako Elevation 5570 (ft m)

Comments Gopher Creek Well (probed in '77 also)

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
		5	6	6			2	0	6	0	9		0	6		7	8	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
																																D	A	M															

(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
		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
					1	2	.	1	5						1	5	.	7	5	5	5	7	0	.					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
				1	5	.	0					4	0	.	0					-	3	.	5		-	.	5		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | 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
.	9	9	9																										

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

Segment 8 Start →

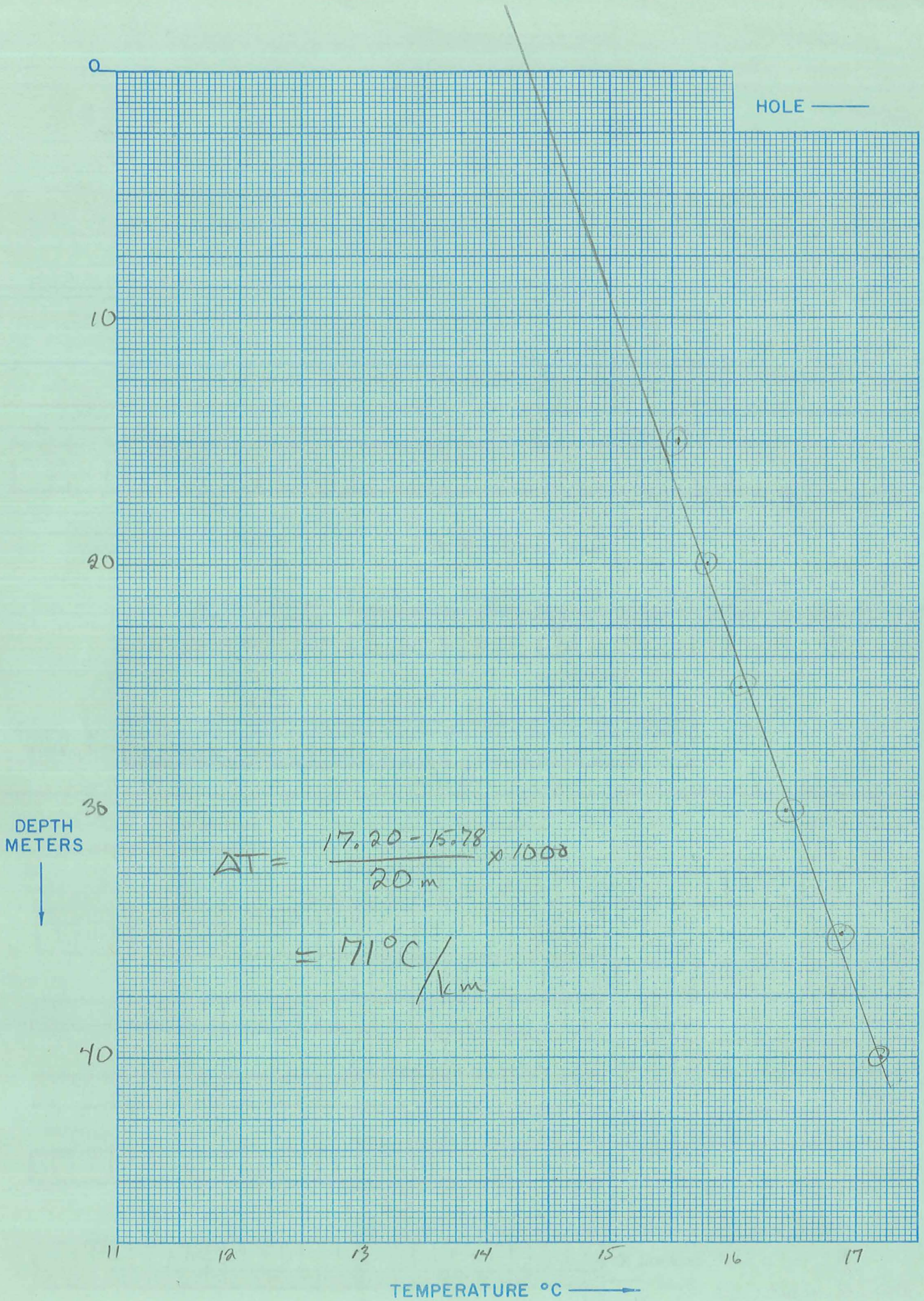
Segment 9

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

R1 F28 DAM



$$\Delta T = \frac{17.20 - 15.78}{20\,m} \times 1000$$

$$= 71^{\circ}C / km$$

Date Logged: 6/9/78

ΔT Well No. 206

R1 F28 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
15		15.55					Lake Seds
			.23	46			
20		15.78					
			.27	54			
25		16.05					
			.39	78			
30		16.44					
			.43	86			
35		16.87					
			.33	66			
40		17.20					Rhyol. tr ?

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. K3.5 Q4.3 ΔT122 Δ207

TEMPERATURE/DEPTH LOG

ΔT Well No. 1030-101

Property-Project 566 Depth Logged 40 m

Map Twin Bottles Scale 7.5' Date: Drilled _____ Logged 6/9/78 15:00

State Nev County Elko , ____ of ____ of NW of SE of Sec 7 T 38N R 59E

Instrument DT 101 Operator D.A. Mabe Elevation 5605 (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
566	207	9	6	78	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
	DAM				

(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
31.22	6.80	5605.	F

Use decimals ← Write M if if meters

Segment 1 = Depths: Start | End | Conductivity: K | ΔK | Best cond. (-K) Downward extrapolations (-ΔK)

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
15.0	36.0	-6.0	-0.5

Segment 2 Start → .999 (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)

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)

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

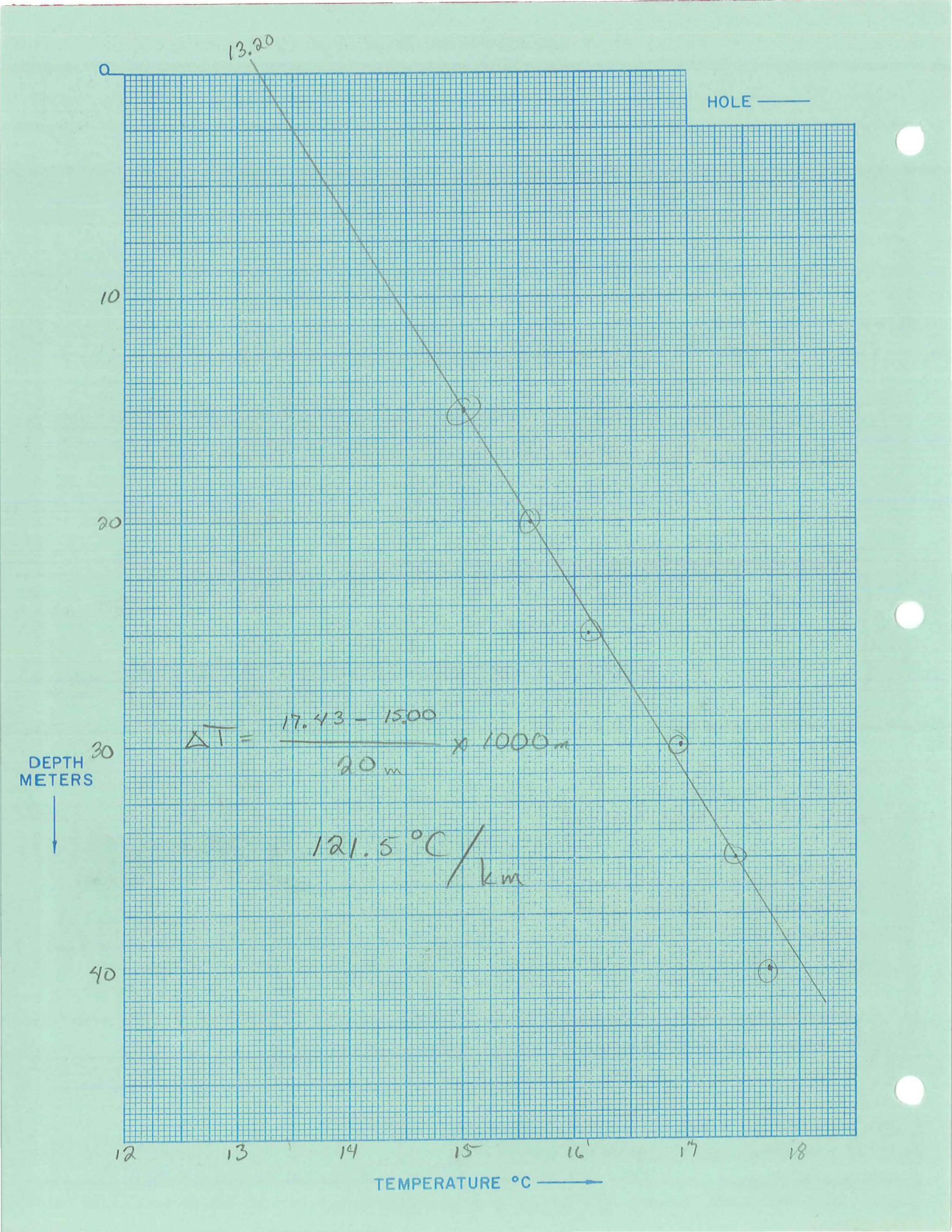
Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

R1 F31 DAM


13.20
HOLE
0
10
20
30
40
DEPTH METERS
$\Delta T = \frac{17.43 - 15.00}{20\,m} \times 1000\,m$
121.5 °C / km
12
13
14
15
16
17
18
TEMPERATURE °C

Date Logged: 6/9/78 ΔT Well No. 207

R1 F31 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
15		15.00					Lake Seds
20		15.60	.60	120			
25		16.15	.45	90			
30		16.95	.80	160			
35		17.43	.48	76			Rhyolite ?
40		17.74	.31	62			Rhyolite

Rhyolite found as float near well

K=Conductivity

AMAX EXPLORATION, INC. K3.5 Q2 ΔT57 Δ208

TEMPERATURE/DEPTH LOG

ΔT Well No. WINTERS CK WELL

Property-Project 566 Depth Logged 90m

Map MIDDLE DRAW RESER. Scale 1:24,000 Date: Drilled _____ Logged 6/6/78

State NV County ELKO , ___ of ___ of ___ of SEE COMMENTS of Sec ___ T ___ R ___

Instrument PROBE DT 101 Operator M. JOHNSON Elevation 5468 ~~(m)~~ ft

Comments PHOTO - MJ RI F8 QUAD NOT SURVEYED - WELL NEAR CENTER OF QUAD
WELL RUN RECENTLY - WATER IN TANK

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
	5	6	6								6			6			78	C	M

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

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
Site Description																														Operator					Editor							DA			MO			YR		
																														M	J	/															

(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 **
CM	7.5	41.	30.0	116.	37.5

Use decimals

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

Northing	Easting	Elev	
22.4	21.9	5468.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK	Best cond. (-K) Downward extrapolations (-ΔK)
20.0	60.0	-3.5	-0.5	

Segment 2 Start → .999 | End | K | ΔK

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

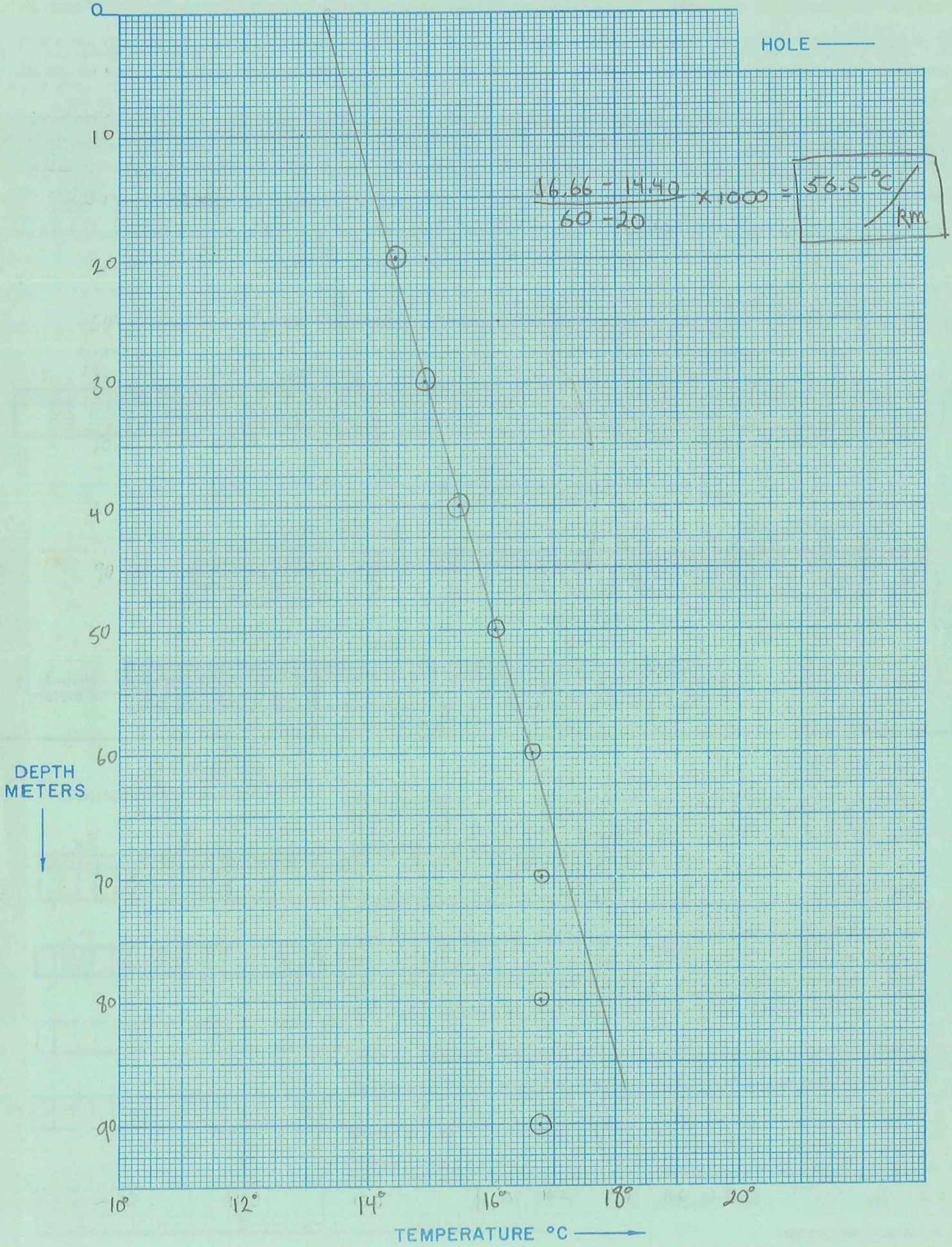
Segment 7 Start →

Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
DEPTH METERS
10°
12°
14°
16°
18°
20°
TEMPERATURE °C
$\frac{16.66 - 14.40}{60 - 20} \times 1000 = 56.5\,°C/Rm$

Δ 208

Date Logged: 6/6/78 ΔT Well No. _____

PHOTO - MS RI F8

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0		–				? IN GETWEEN	- Q?l -
10		–					- BEDROCK AT DEPTH
20		14.47					UNKNOWN
30		14.92	.45	45			
40		15.48	.56	56			
50		16.05	.57	57		AIR AT TOP	
60		16.66	.61	61			
70		16.80	.14	14			
80		16.83	.03	3		–	
90		16.79	-.04	-4		WATER AT BOTTOM	

K=Conductivity

page _____ of _____

AMAX EXPLORATION, INC. K3.5 Q2.6 , Δ 209

TEMPERATURE/DEPTH LOG ΔT 73

ΔT Well No. Winters Ranch Reser.

Property-Project ______ Depth Logged 100m

Map Winters Ranch Res. Scale 7.5" Date: Drilled ? Logged 6/6/78

State Nevada County Elko , ___ of ___ of NW of NE of Sec 18 T 42N R 48E

Instrument DT 101 Operator D. A. Mako Elevation 5385 (ft/m)

Comments Abandoned Windmill; Sec, T+R taken from marker @ well RIF10 MJ

Card A

RT JUSTIFY

Proj No (1-4)	Well No (5-10)	Date Logged DA (11-12)	MO (13-16)	YR (17-18)	* 19	20
566		6	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 (61-63)	MO (64-66)	YR (67-68)
	MJ	/			

(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.	30.	116.	45.

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
20.2	40.5	5385.	F

Use decimals

Write M if if meters

Segments

Segment 1 = Depths

Start (21-30)	End (31-40)	Conductivity K (41-45)	ΔK (46-50)
20.	100.	-6.0	-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 →

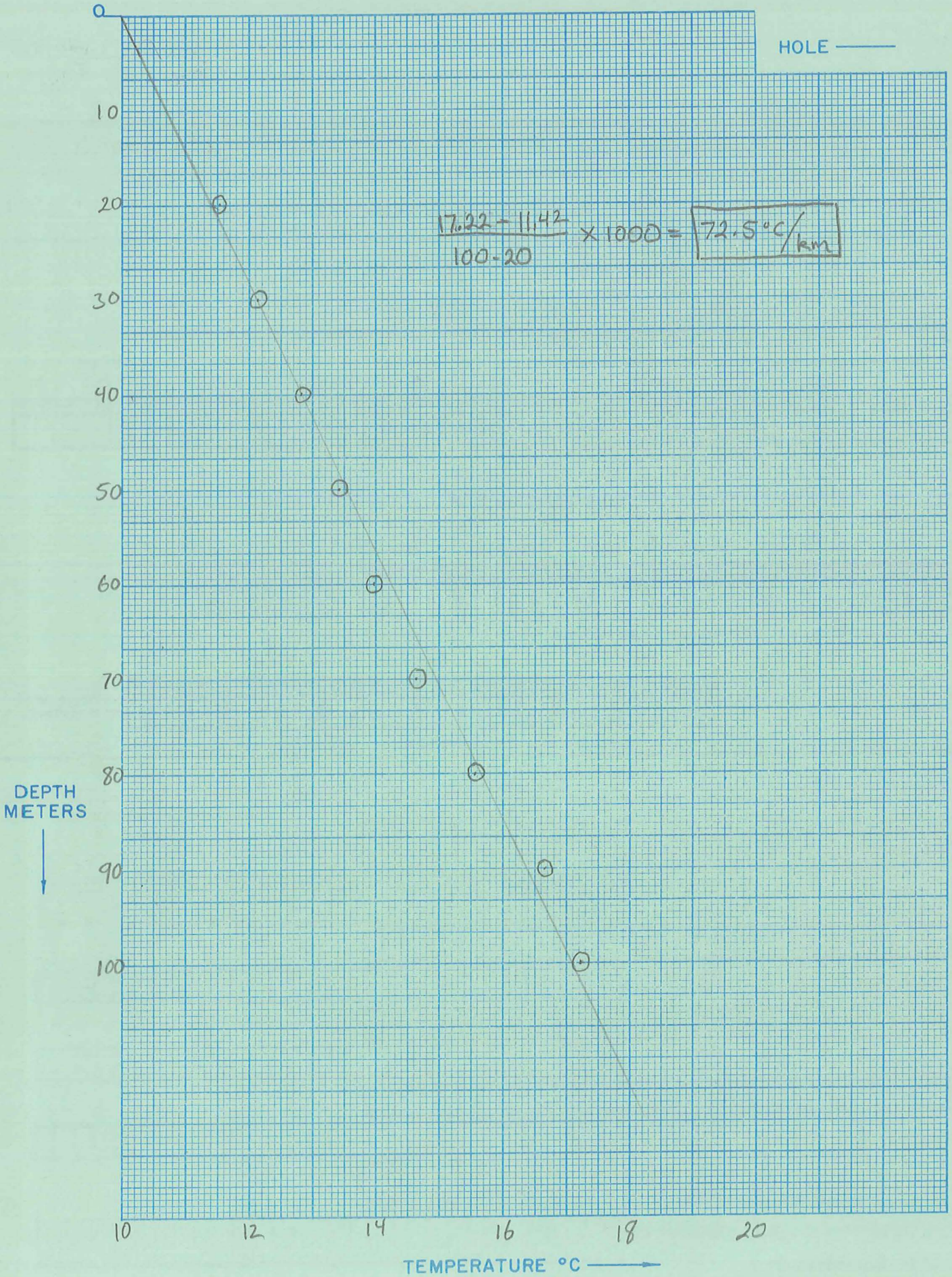
Segment 9

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


HOLE
0
10
20
30
40
50
60
70
80
90
100
DEPTH METERS
10
12
14
16
18
20
TEMPERATURE °C
$\frac{17.22 - 11.42}{100 - 20} \times 1000 = \boxed{72.5\ °C/km}$

Δ 209

Date Logged: June 6, 1978 ΔT Well No. _____

R I F 10 MJ

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Valley fill
10						↓	
20		11.52					
30		12.13	0.61	61°			
40		12.82	0.69	69°			
50		13.41	0.59	59°			
60		13.99	0.58	58°			
70		14.63	0.64	64°			
80		15.59	0.96	96°			
90		16.66	1.07	107°			
100		17.20	0.54	54°			Mud @ 90 m

K=Conductivity

AMAX EXPLORATION, INC. K3.5 Q2 DT 68 RT F12 MJ Δ210

TEMPERATURE/DEPTH LOG

ΔT Well No. McCLEARY WELL #1

Property-Project 566 Depth Logged 58m

Map McCleary Wells Scale 1:24,000 Date: Drilled _____ Logged 6-6-78

State Nev. County Elko , ____ of ____ of ____ of ____ of Sec ____ T ____ R No land Survey

Instrument DT 101 Operator MJ Elevation 5256' (ft ~~m~~)

Comments McCleary well No 1 . Jack pump & engine

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
5	6	6								6			6			7	8	C	M

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

Date Logged

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
																														M	J	/																	

(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	.			3	0	.			1	1	6	.		5	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	2	.	0								8	.	8		5	2	5	6	.					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
			1	8	.							3	8	.							-	3	.	5		-	0	.	5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | 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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

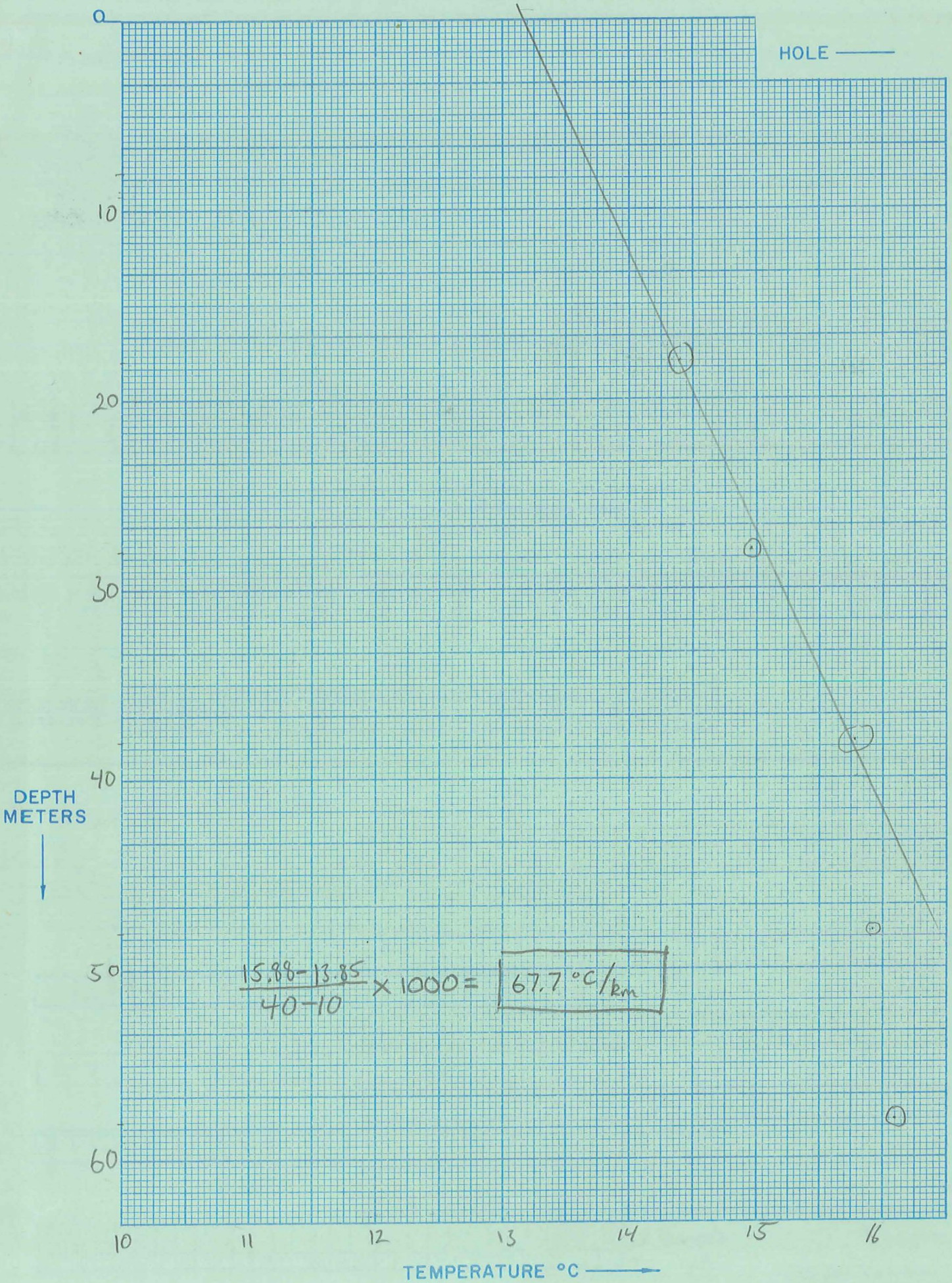
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
DEPTH METERS
10
11
12
13
14
15
16
TEMPERATURE °C
$\frac{15.88-13.85}{40-10} \times 1000 = \boxed{67.7\ ^\circ C/km}$

R1 F12 MJ

△ 210

Date Logged: 6-6-78

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
8							local basalt flows
18		14.40					
28		14.96	.56	56			
38		15.78	.82	82			
48		15.92	.14	14			
58		16.10	.18	18			

K=Conductivity

AMAX EXPLORATION, INC. K 3.5 Q 0.6 DT 17 Δ 211

TEMPERATURE/DEPTH LOG

ΔT Well No. SEC 35 WELL

Property-Project 566 Depth Logged 25 M

Map WIELAND FLAT Scale 7.5 Date: Drilled _____ Logged 6/7/78

State NV County ELKO , ____ of ____ of SW of SE of Sec 35 T 38N R 54E

Instrument DT 101 Operator M. JOHNSON Elevation 5935 (ft / m)

Comments PUMP - MYERS SUBMERSIBLE PHOTO MJ RI F16

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
566		7	6	78	C M

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

Site Description	Operator	Editor	DA	MO	YR
	MJ			Drilled	

(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.	52.5

Use decimals

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

Northing	Easting	Elev	
5.0	5.4	5935.	F

Use decimals

Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
10.0	35.0	-3.5	-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 →

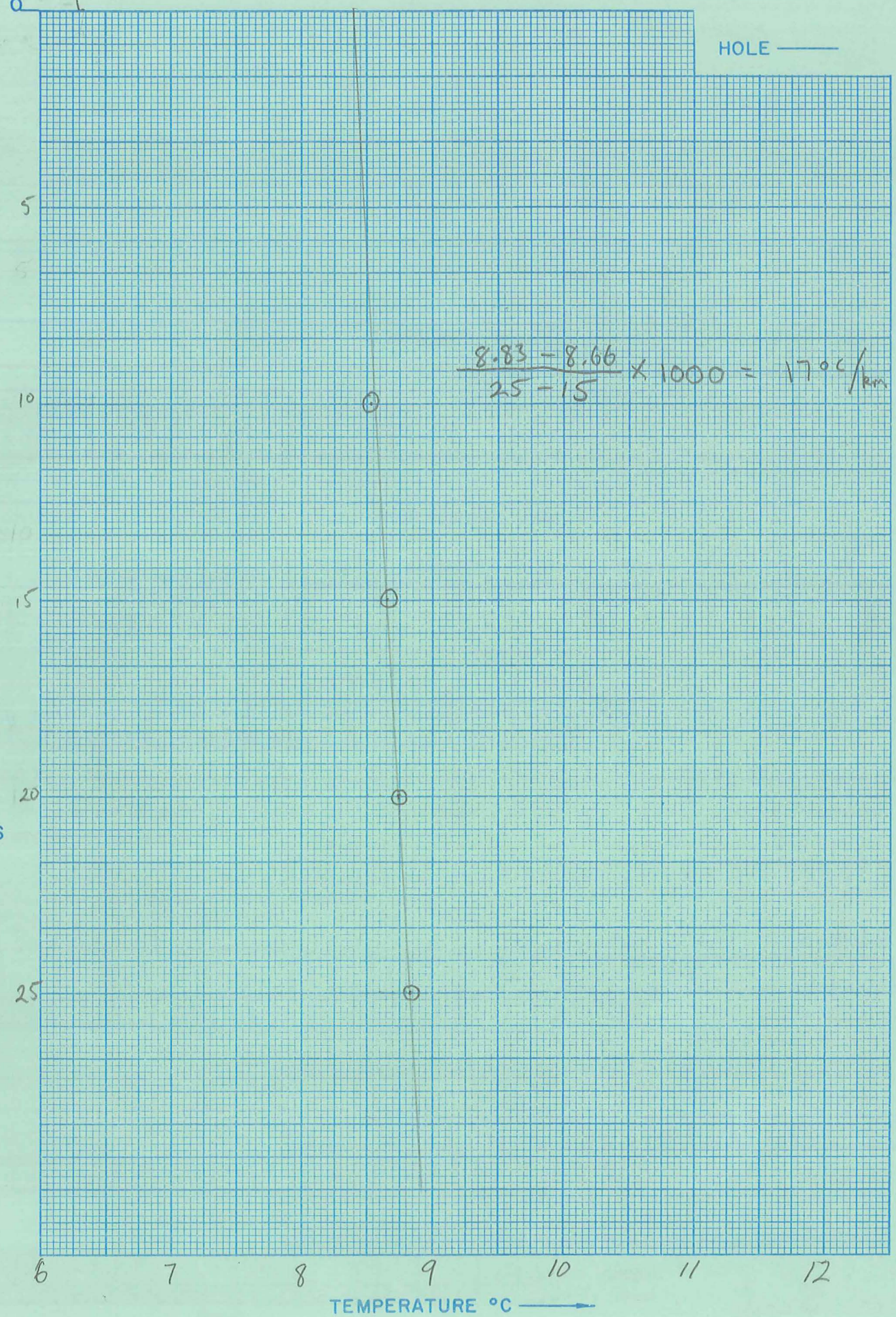
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
5
10
15
20
25
DEPTH METERS
6
7
8
9
10
11
12
TEMPERATURE °C
$\frac{8.83 - 8.66}{25 - 15} \times 1000 = 17°C/km$

Δ211

PHOTO MJ RI F16

Date Logged: 6/7/78

ΔT Well No. SEC 35 WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						AIR	Qal
5						H_2O	
10		8.53					
15		8.66	.13	26			
20		8.75	.09	18			
25		8.83	.08	16			

K=Conductivity

AMAX EXPLORATION, INC. K 3.5 Q .6 DT 16 △212

TEMPERATURE/DEPTH LOG

ΔT Well No. SEC 36 WELL

Property-Project 566 Depth Logged 45 m

Map DINNER STATION Scale 7.5' Date: Drilled _____ Logged 6/7/78

State NV County ELKO, ____ of ____ of SW of SW of Sec 36 T 37N R 54E

Instrument DT 101 Operator M JOHNSEN Elevation 6045 (ft m)

Comments JENSEN JACK PUMP PHOTO MJ RI F17

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
5 6 6		7	6	78	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
	M J				

(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 **
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	41.000.		115.	52.5

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
21.8	7.7	6045.	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
25.0	46.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (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)

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)

Segment 4 Start →

Segment 5

Segment 6 Start →

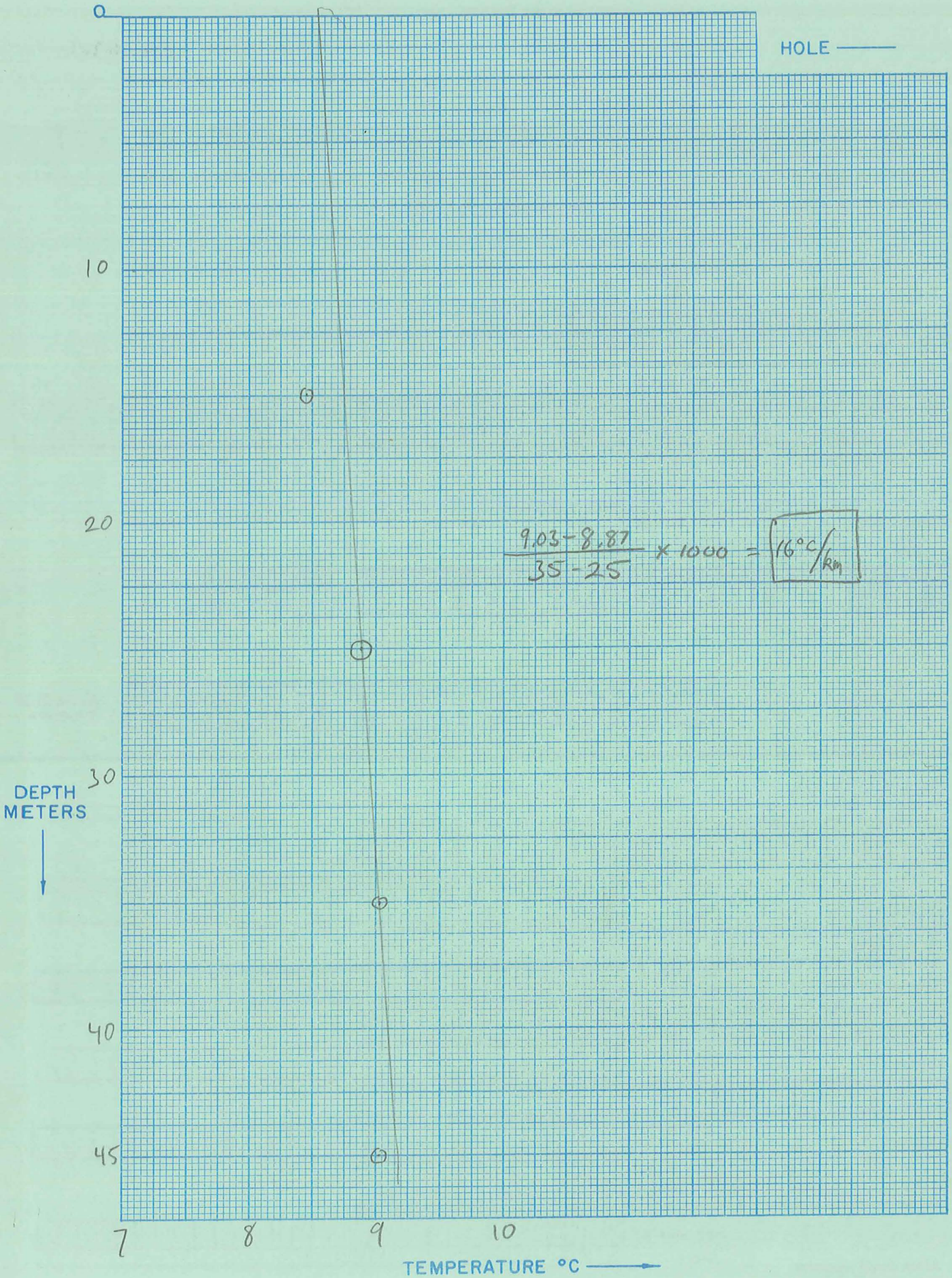
Segment 7

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
45
DEPTH METERS
7
8
9
10
TEMPERATURE °C
$\frac{9.03-8.87}{35-25} \times 1000 = 16°C/km$

Δ212

PHOTO MJ RI F17

Date Logged: 6/7/78

ΔT Well No. SEC 36 WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						↑	Q_{21}
5							
15		8.46				AIR	
25		8.87	.4	41			
35		9.03	.16	16			
45		9.02	-.01	-1		↓ H_2O	39m

K=Conductivity

1130 - 6/9/78
- PROBE MEASURED OFF A LITTLE, WILL REPROBE IF TIME

AMAX EXPLORATION, INC. K3.5 D 2.6 DT75

TEMPERATURE/DEPTH LOG

MJ RII F2 Δ213

ΔT Well No. HALLECK INTER-CHANGE

Property-Project 566 Depth Logged 22 m

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

State NV County ELKO, ____ of ____ of NE of SW of Sec 32 T 36N R 58E

Instrument DT 101 Operator MJ Elevation 5280 (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
5	6	6								9			6			78		C	M

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

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
Site Description																														Operator					Editor						DA			Drilled MO			YR		
																														MJ																	

(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 **
CM	7.5	40.	52.5	115.	30.

Use decimals

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

Northing	Easting	Elev	
40.0	13.5	5280.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
14.0	22.0	-3.5	-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 →

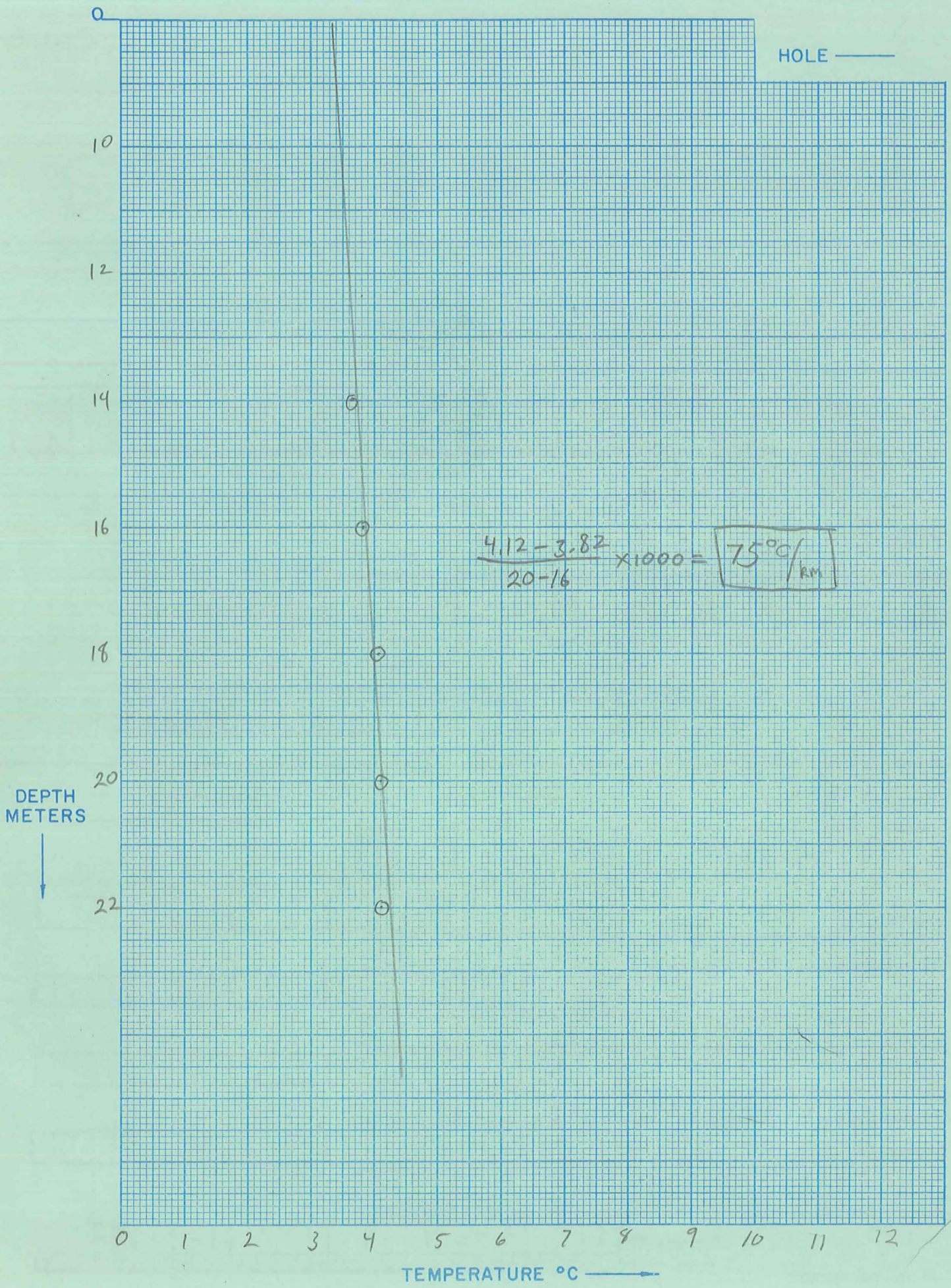
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

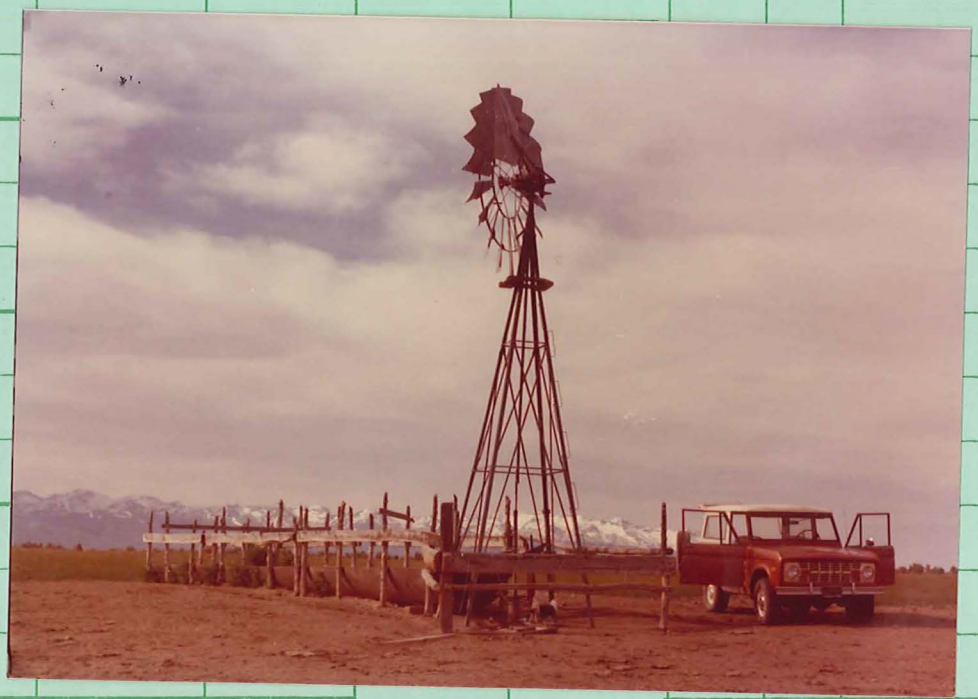

HOLE
0
10
12
14
16
18
20
22
DEPTH METERS
0 1 2 3 4 5 6 7 8 9 10 11 12
TEMPERATURE °C
$\frac{4.12-3.82}{20-16} \times 1000 = 75\,°C/_{KM}$

MJ RIIF2 Δ213

Date Logged: 6/9/78

ΔT Well No. HALLECK INTERCHANGE

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal
10							
12							
14		3.66					
16		3.83	.17	85			
18		4.08	.25	125		↑ AIR	
20		4.11	.03	15			
22		4.11	0	0		1/H_2O 21m	



K=Conductivity

1130 - 6/9/78
- WILL RETRACE IF TIME

AMAX EXPLORATION, INC. K3.5
TEMPERATURE/DEPTH LOG Q 1.6
ΔT 45

Δ215

ΔT Well No. 1.5 MILES NORTH

Property-Project 566 Depth Logged 75m

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

State NV County ELKO, ~~of of of of Sec T R~~

Instrument DT 101 Operator MJ Elevation 5315 (ft / m)

Comments 1.5 MILES NORTH OF HALLECK INTERCHANGE

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
	5	6	6								9			6		7	8	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
																																		M	J	/													

(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
	C	M				7	.	5			4	0	.		5	2	.	5			1	1	5	.	5	3	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
					4	8	.	2							1	1	.	6			5	3	1	5	.					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
			1	5	.	0					6	5	.	0							−	3	.	5		−	0	.	5	

Segment 2 Start → .999 | 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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

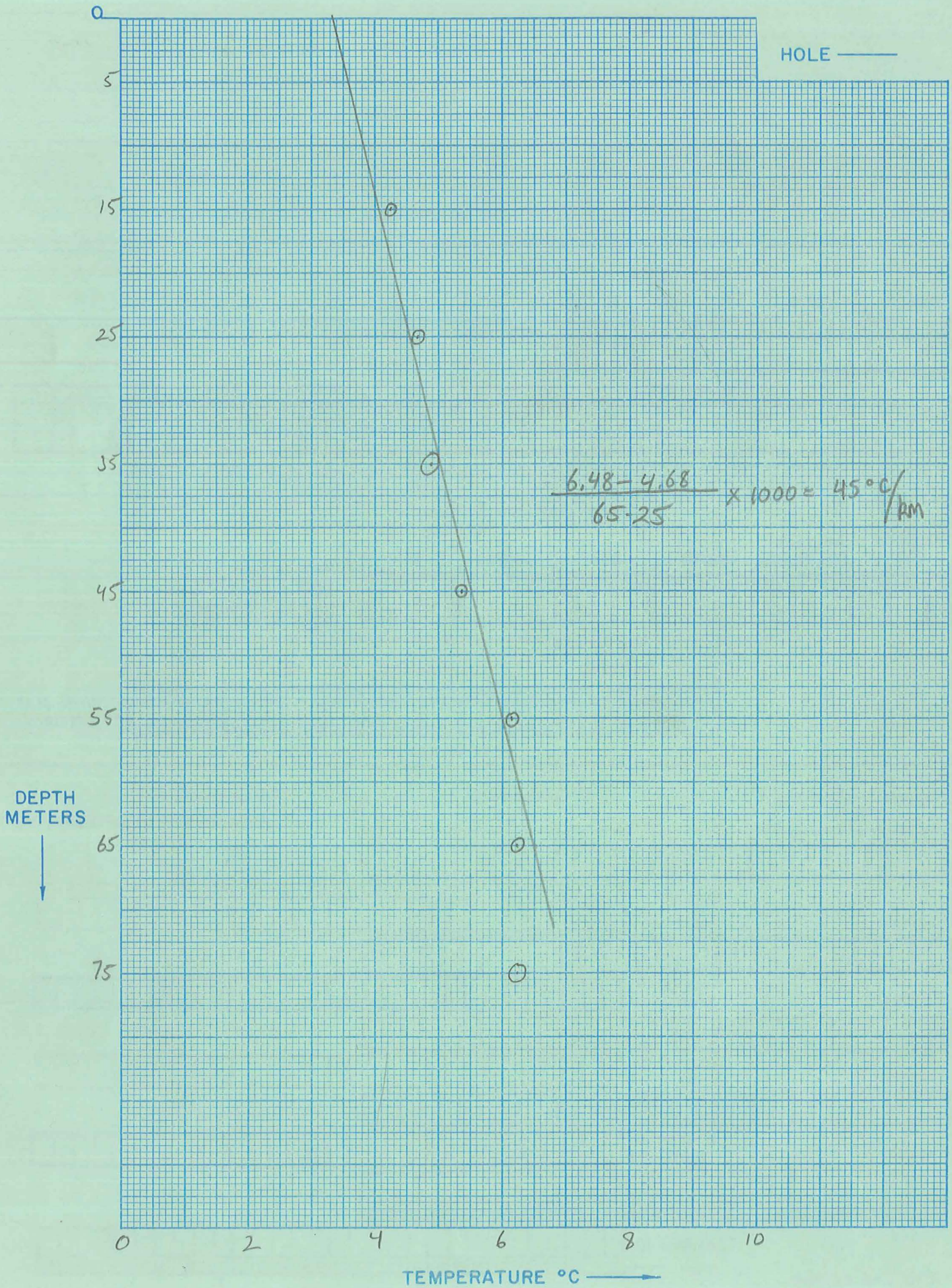
Segment 8 Start →

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
5
15
25
35
45
55
65
75
DEPTH METERS
0
2
4
6
8
10
TEMPERATURE °C
$\frac{6.48-4.68}{65-25} \times 1000 = 45\,°C/km$

MJ RII F3

Δ215

Date Logged: 6/9/78

ΔT Well No. 1.5 MILES NORTH

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal
5							
15		4.23	.45	45		↑	
25		4.68	.21	21		AIR	
35		4.89	.48	48		↑	
45		5.37	.77	77		H_2O	
55		6.14	.07	7		↓	
65		6.21	.01	1			
75		6.22	0	0			

K=Conductivity

AMAX EXPLORATION, INC. K3.5 Δ216. MJ RII F10
TEMPERATURE/DEPTH LOG Q 10.5 1030-105
ΔT 301

ΔT Well No. HIDDEN WELL

Property-Project 566 Depth Logged 60 m

Map MORGAN HILL Scale 7.5' Date: Drilled _____ Logged 6/9/78

State NV County ELKO , ____ of ____ of ____ of ____ of Sec ____ T ____ R ____

Instrument DT 101 Operator MJ Elevation 5560 (ft m)

Comments 1.5 MILES SSW OF NE CORNER OF QUAD

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
566		9	6	78	C	M

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

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
			MJ	/			

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

(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		
CM	7.5	41.000.		115.	30.	

Use decimals

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

Northing	Easting	Elev	
51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75	76 77 78 79 80
49.0	40.1	5560.	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	55.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | 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

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

Segment 8 Start →

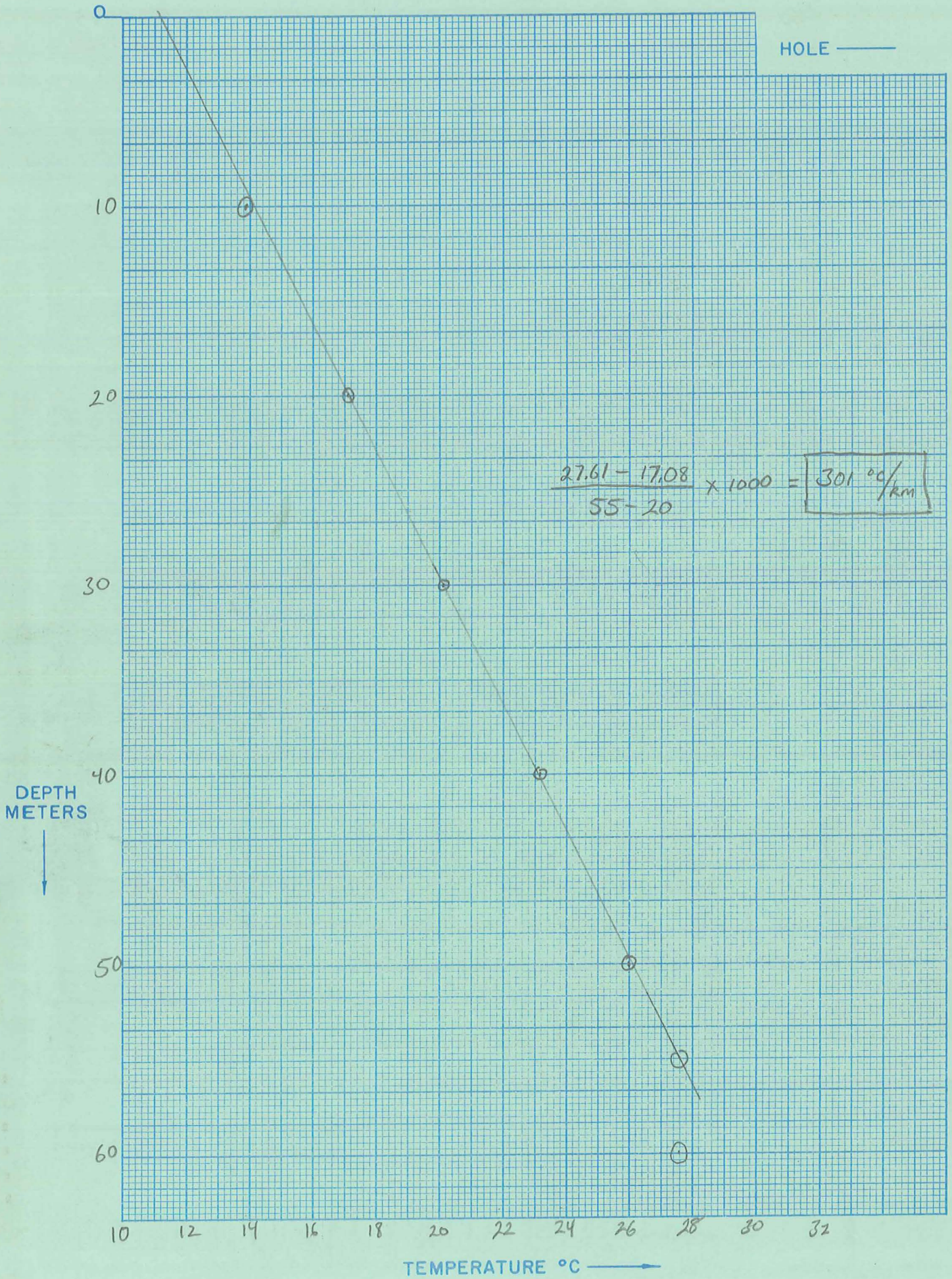
Segment 9

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


HOLE
0
10
20
30
40
50
60
DEPTH METERS
10
12
14
16
18
20
22
24
26
28
30
32
TEMPERATURE °C
$\frac{27.61 - 17.08}{55 - 20} \times 1000 = 301\ °C/km$

MJ RII F10 Δ216

Date Logged: 6/9/78

ΔT Well No. HIDDEN WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal
						↑	
						AIR	
						— 12m	
						H_2O	
2ND PROBE							
0							
10		13.90					NB: RECENT ACTIVITY AROUND
20		17.08	3.18	318			HIDDEN WELL, ROAD IS
30		20.11	3.03	303			NEWLY BULLDOZED. LARGE
40		23.17	3.06	306			CONCRETE FOOTING PLACED
50		25.96	2.79	279			NEAR PUMP (NOT FOR
55T		27.61	1.65	330			CONSTRUCTION PURPOSES) AND
60		27.61	0	0			CUT PINE logs + RR TIES
							LIE ABOUT
							NB: PROBE WAS SENT
							THRU ARC WELDED
							HOLE 3" IN DIAMETER
							CUT IS AS RUSTED AS
							CASING

K=Conductivity

page ____ of ____

Date Logged: ____________

ΔT Well No. ____________

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.

K=Conductivity

page ____ of ____

90.9°C/Km

AMAX EXPLORATION, INC.
TEMPERATURE/DEPTH LOG

K 3.5
Q 3.2
ΔT 91

MGRIF5

Δ217 X

ΔT Well No. ______

Property-Project 566 Depth Logged 175 M

Map McCleary Wells 7.5' Scale 1:24000 Date: Drilled ? — Logged 6-5-78

State NEV. County ELKO , ___ of ___ of SW of NW of Sec 30 T42N R40E

Instrument DT 101 Operator Mark Gross Elevation 5200' (ft)

Comments BLM well (?) JACK PUMP less motor/ McCleary Well #2

Card A

Date Logged

RT JUSTIFY

Proj No (1-4)	Well No (5-10)	DA (11-12)	MO (13-16)	YR (17-18)	19	20
566		5	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 (61-63)	MO (64-66)	YR (67-68)
	MG	/			

(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.	30.	116.	52.5

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 (71-80)
16.1	5.1	5200. F

Use decimals

Write M if if meters

Segments

Segment 1 = Depths

Start (21-30)	End (31-40)	Conductivity K (41-45)	ΔK (46-50)
25.0	150.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (- Δ K)

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 →

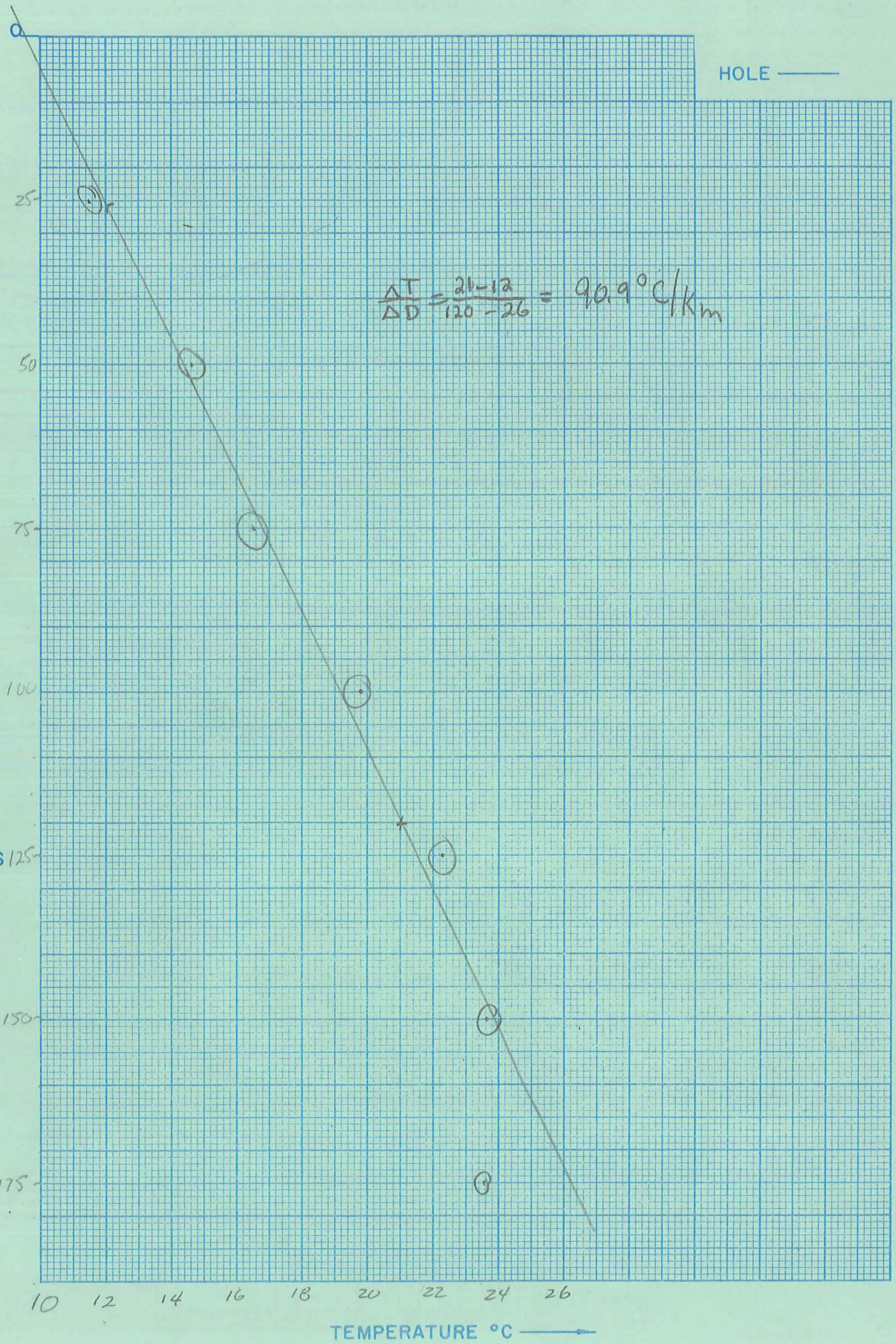
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
25
50
75
100
125
150
175
DEPTH METERS
10
12
14
16
18
20
22
24
26
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{21-12}{120-26} = 90.9\,^{\circ}C/km$

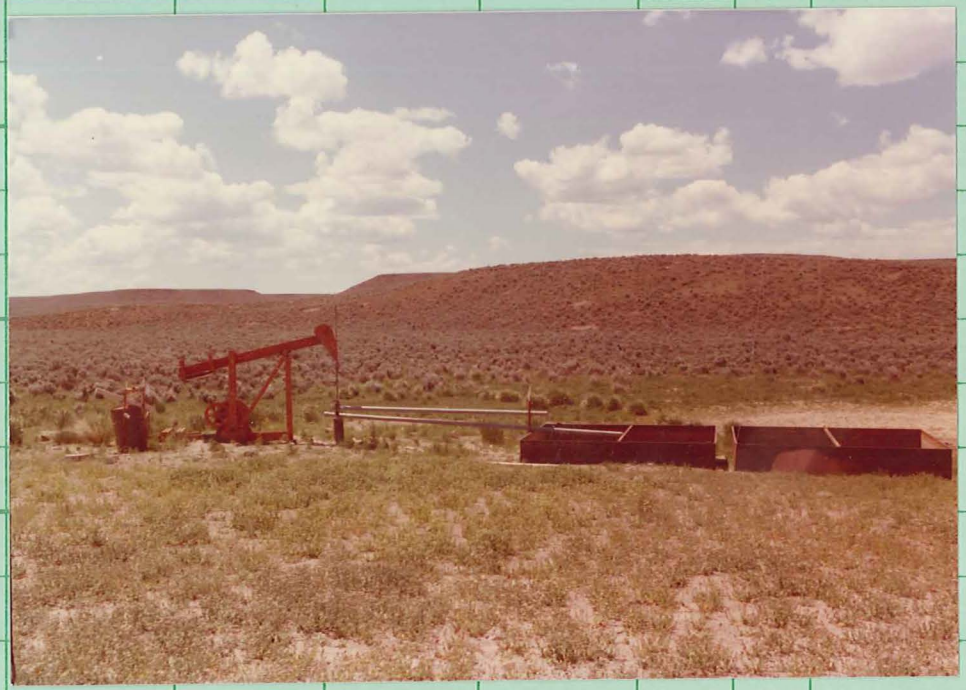
MG R1 F33

Date Logged: 6-5-78

ΔT Well No. 0217

LOST

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
25		11.50					Local basalt flows
			3.11	124.4			
50		14.61					capping alluvium
			1.97	78.8			
75		16.58					
			3.22	128.8			
100		19.80					
			2.48	99.2			
125		22.28					
			1.34	53.6			
150		23.62					
			-0.07	2.8			
175		23.55				mud	



K=Conductivity

15°C/Km

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

K 3.5
Q .5
ΔT 15

MG R1 F6

X

ΔT Well No. Δ218

Property-Project 566 Depth Logged 35m

Map BUTTON LAKE 7.5' Scale 1:24,000 Date: Drilled ______ Logged 6/5/78

State Nev. County ELKO, ______ of 14 mi of NE BUTTON LAKE of ______ of Sec ______ T ______ R ______

Instrument DT 101 Operator M.G. Elevation 5427' (ft/~~m~~)

Comments [illegible] BLM WELL

Card A

Date Logged

RT JUSTIFY

Proj No (1-5)	Well No (6-10)	DA (11-12)	MO (13-16)	YR (17-18)	19*	20*
566		5	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 (63-66)	YR (67-68)
	MG	/			

(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.	37.5	117.	000.

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
43.0	43.0	5427.		F

Use decimals

← Write M if if meters

Segment 1 = Depths

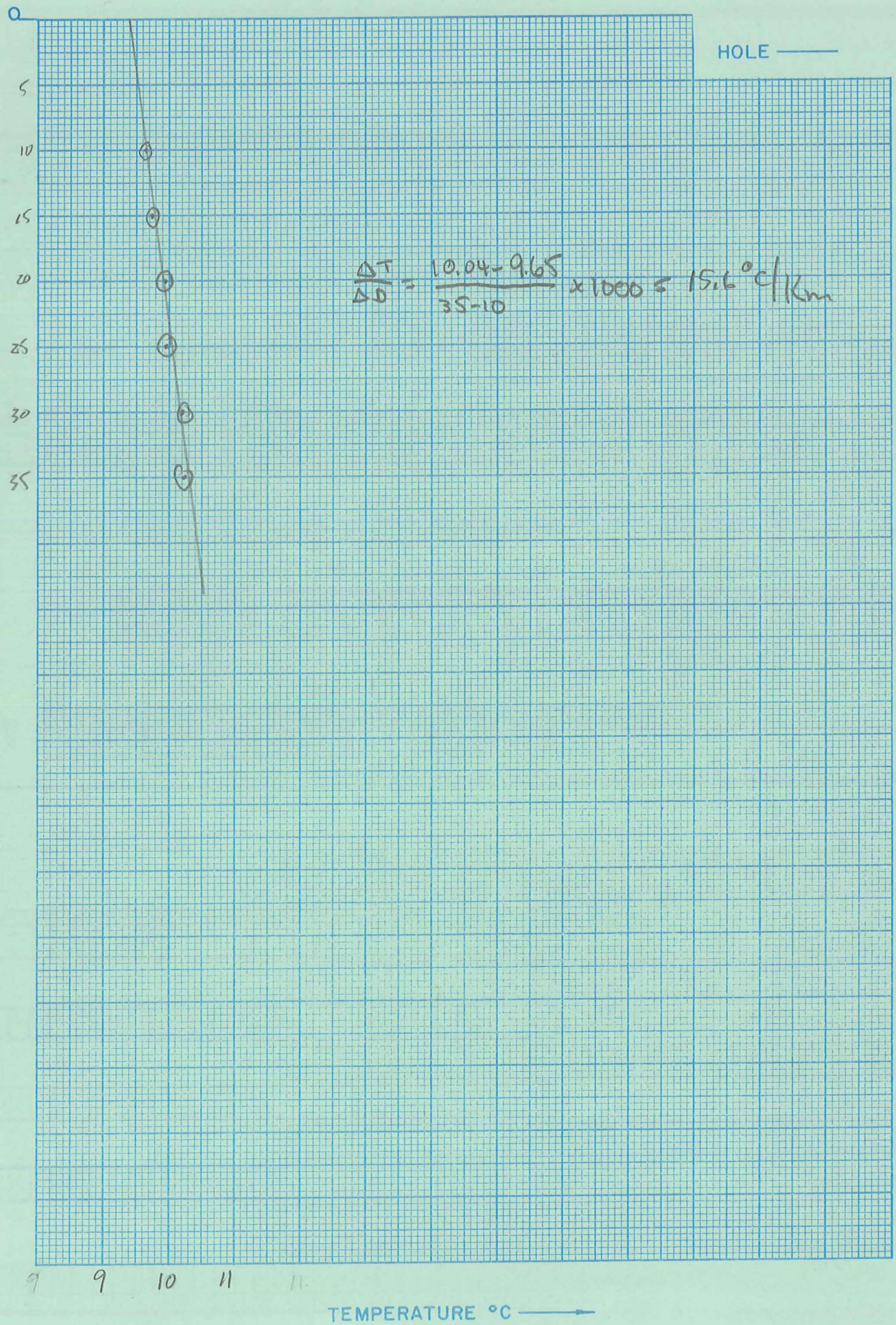
Start (21-30)	End (31-40)	Conductivity K (41-45)	ΔK (46-50)
10.0	35.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment	Start	End	K	ΔK
Segment 2	.999			
Segment 3				
Segment 4				
Segment 5				
Segment 6				
Segment 7				
Segment 8				
Segment 9				
Segment 10				

After final segment Start = .999

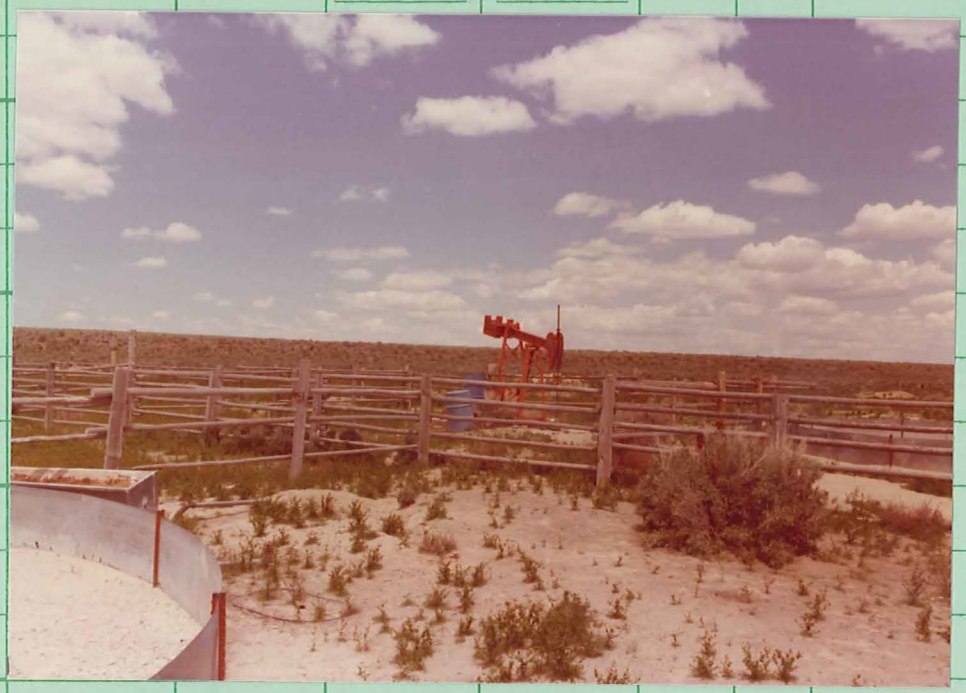

HOLE
0
5
10
15
20
25
30
35
$\frac{\Delta T}{\Delta D} = \frac{10.04 - 9.65}{35 - 10} \times 1000 = 15.6\ ^\circ C/Km$
DEPTH METERS
9
9
10
11
11
TEMPERATURE °C

Date Logged: 6/5/78

ΔT Well No. Δ218

BUTTON LAKE

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							interbedded basalts +
5							alluvium
10		9.65					N. side of playa lake
15		9.75	.10	20			
20		9.95	.20	40			
25		9.95	.00	0			
30		10.04	.09	18			
35		10.24	.20	40			



K=Conductivity

57.5°C/Km

AMAX EXPLORATION, INC. K3.5 MG RI F7 X

TEMPERATURE/DEPTH LOG Q2 AT58

ΔT Well No. Δ219

Property-Project 566 Depth Logged 120 M

Map BUTTON LAKE Well 7.5' Scale 1:24,000 Date: Drilled _____ Logged 6-5-78

State NEV County ELKO , ____ of ____ of ____ of ____ of Sec ____ T ____ R ____

Instrument DT 101 Operator MG Elevation 5710' (ft/m)

Comments BLM well - Jack pump & Tank - CORRAL LAKE WELL

Card A

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

566 | | | 5 | 6 | 78 | C | M

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

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

MG/

(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. | 37.5 | 117. | 00 | 0.

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

Use decimals

Northing | Easting | Elev

26.1 | 0.7 | 5718. | | F ← Write M if if meters

Use decimals

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

40.0 | 100. | -3.5 | -0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | End | K | ΔK

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

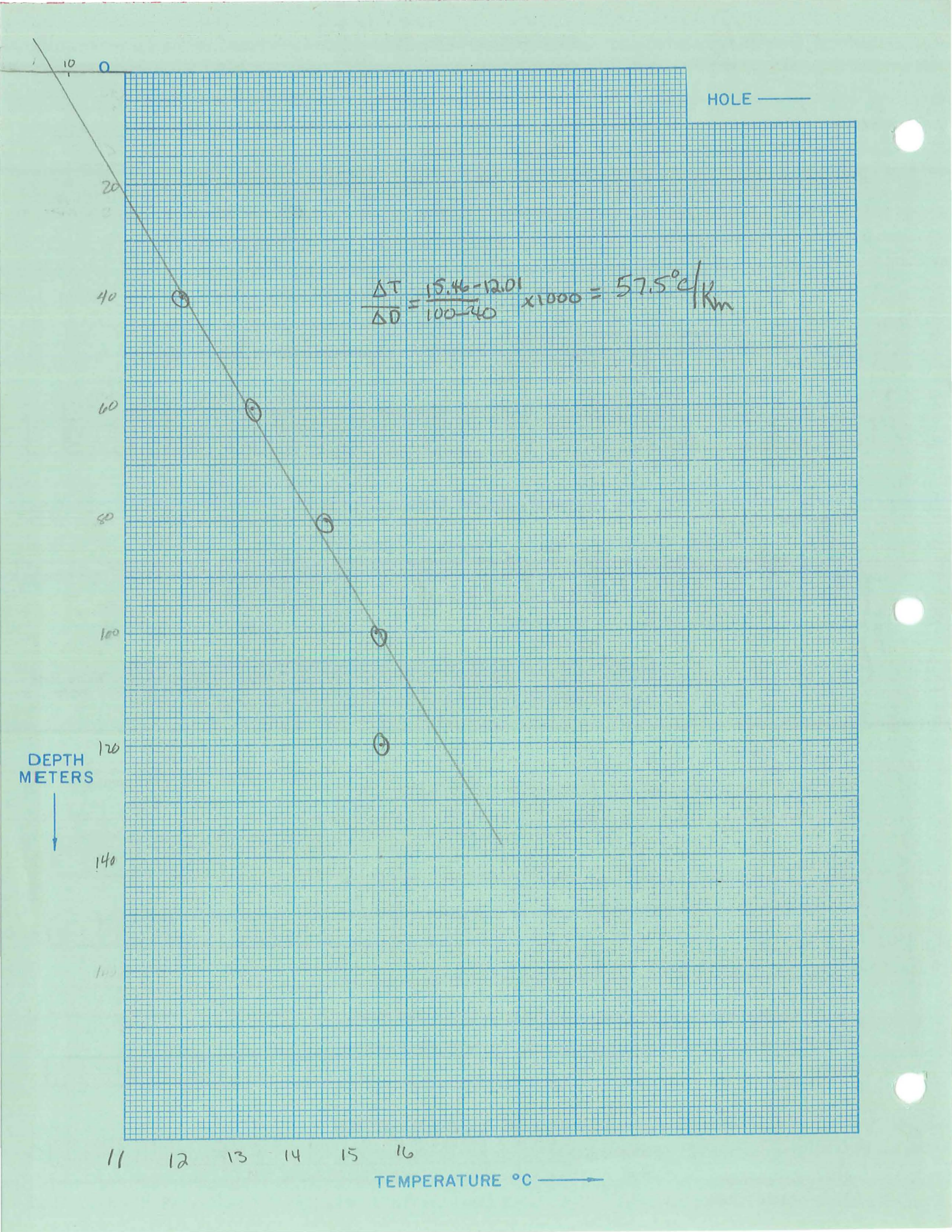
Segment 7 Start →

Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

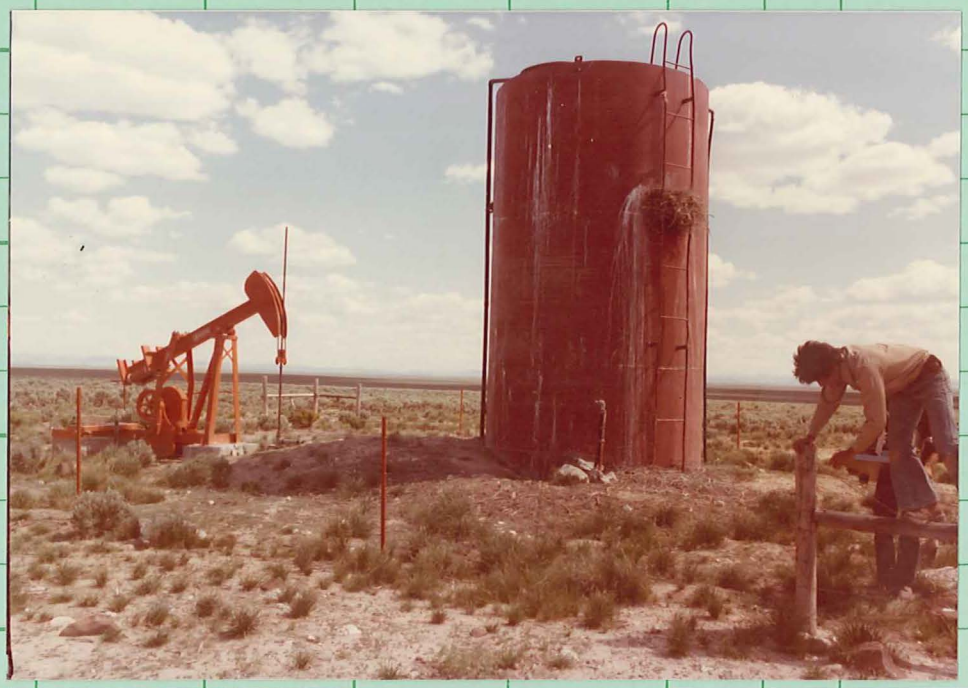
After final segment Start = .999


HOLE
10
0
20
40
60
80
100
120
140
DEPTH METERS
11
12
13
14
15
16
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{15.46 - 12.01}{100 - 40} \times 1000 = 57.5°C/Km$

Date Logged: 6·5·78 ΔT Well No. Δ219

CORRAL LAKE

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						AIR	Qal + basalt(?)
20							
40		12.01	1.27	63.5			
60		13.28	1.3	65			
80		14.58	.88	44			
100		15.46	.08	4			
120		15.54					



K=Conductivity

57°C/Km

AMAX EXPLORATION, INC. K3.5 M6 R1 F8

TEMPERATURE/DEPTH LOG Q2

AT57

X

ΔT Well No. Δ220

Property-Project 566 Depth Logged

Map Star Valley Ridge SW 7.5' Scale 1:24,000 Date: Drilled Logged 6-5-78

State Nevada County Elko , of of of of Sec T R

Instrument DT 101 Operator M. Gross Elevation 5304 (ft/m)

Comments LAKE CREEK WELL - 900' - DRY BLM - CASED
COOL (?) BREEZE BLOWING UP FROM HOLE - Air temp 13° (from well)

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
		5	6								5			6			7	8	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
																																			M G	/												

(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	.			45	.				117	.	00	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
					15	.	6								30	.	1			5304	.								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
			50	.	0						175	.	0							-	3	.	5		-	0	.	5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | 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

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

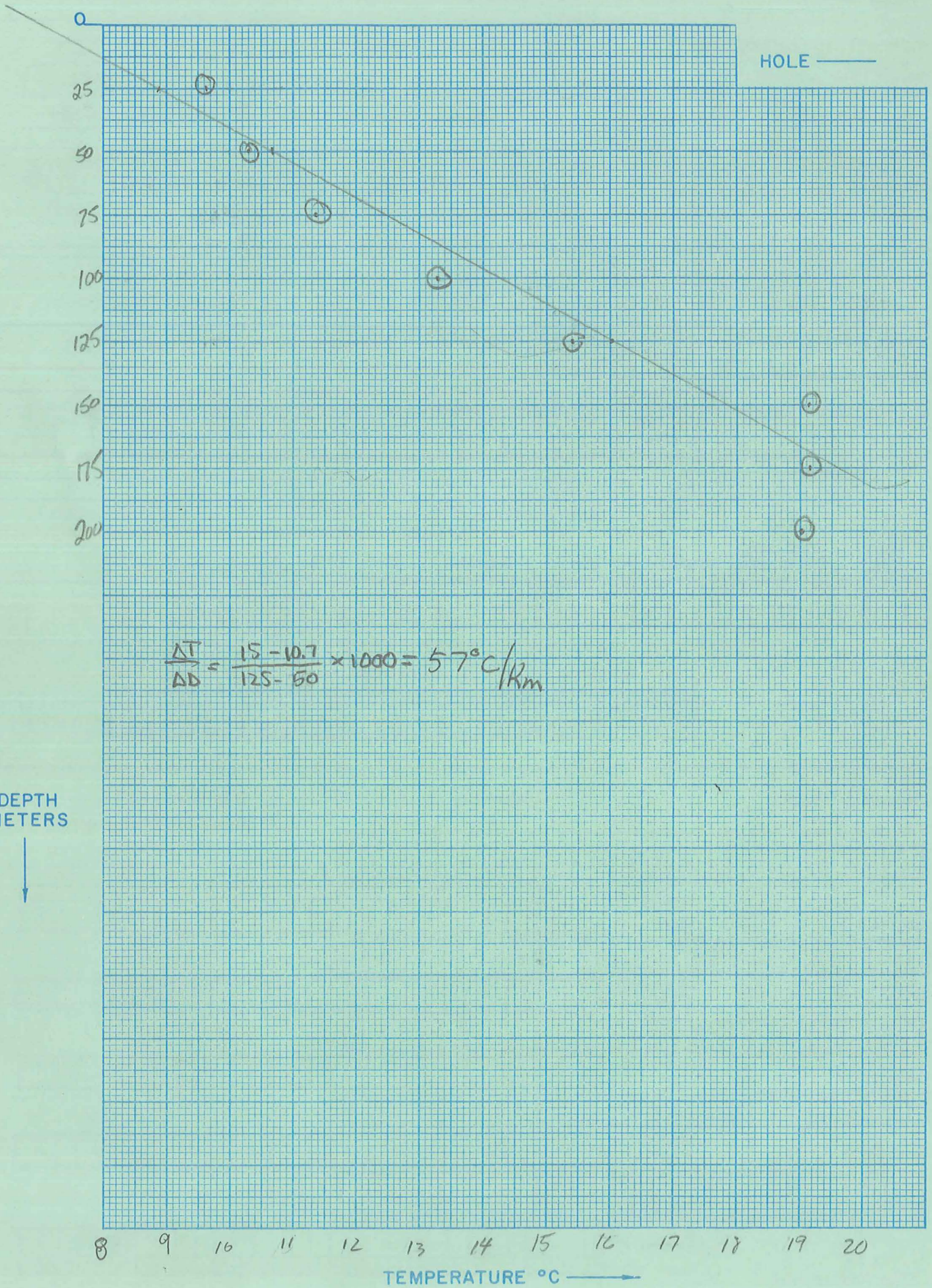
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999



$$\frac{\Delta T}{\Delta D} = \frac{15 - 10.7}{125 - 50} \times 1000 = 57°C/Km$$

Date Logged: 6-5-78 ΔT Well No. 220

LAKE CREEK WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal with
25		9.62					possible interbedded
50		10.30	.68	27.2			lava flows
75		11.38	1.08	43.2			definately on
100		13.3	1.92	76.8			basalt
125		15.4	2.1	84			
150		19.16	3.76	150.4			
175		19.15	(-).01	-0.4			
200		19.00	-.15	-6.0			

K=Conductivity

page ____ of ____

24°C/Km

AMAX EXPLORATION, INC. K3.5 Q.8 ΔT 24 MG RI F 13 X

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ221

Property-Project 566 Depth Logged 88 m

Map REED STATION Scale 1:24000 Date: Drilled _____ Logged 6-7-78

State NEV County ELKO , ____ of ____ of SE of SE of Sec 30 T 38N R 54E

Instrument DT 101 Operator Mark Gross Elevation 6358 (ft ~~m~~)

Comments WINDMILL - well cased

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
		5	6	6						7			6			7	8	C	M

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

Date Logged

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
																																	MG															

(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
		CM				7	.	5			4	1	.			7	.	5			1	1	6	.	0	0	0	.	

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

Use decimals

Northing | Easting | Elev

51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
					1	1	.	1	0						2	3	.	6	0	6	3	5	8	.					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
			1	8	.	0						8	8	.	0					-	3	.	5		-	0	.	5	

Segment 2 Start → .999 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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

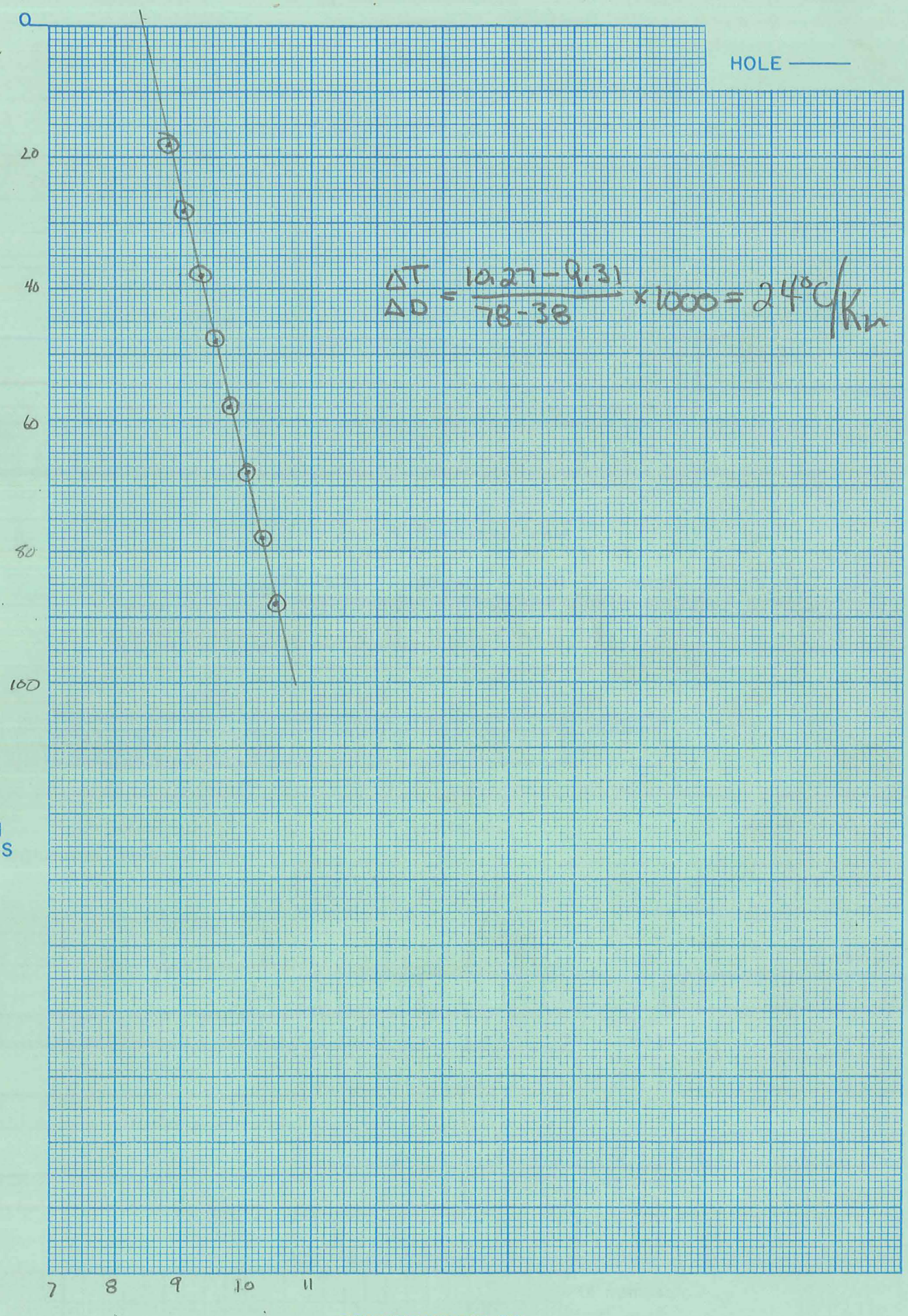
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
20
40
60
80
100
DEPTH METERS
7
8
9
10
11
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{10.27 - 9.31}{78 - 38} \times 1000 = 24^{\circ}C/Km$

MG RIF 13

Date Logged: 6-7-78 ΔT Well No. 221

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
8							
18		8.82					
28		9.08	.26	26			
38		9.31	.23	23			
48		9.53	.22	22			
58		9.75	.22	22			
68		10.04	.29	29			
78		10.27	.23	23			
88		10.46	.19	19			bottomed in mud

K=Conductivity

page ____ of ____

35°C/Km

AMAX EXPLORATION, INC. K3.5 MG RI F22 Q 1.2 ΔT 35

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ222

Property-Project 566 Depth Logged 21.8m

Map ADOBE SUMMIT 7.5' Scale 1:2400 Date: Drilled _____ Logged 6-8-78

State NEV County ELKO , ____ of NW of NE of NE of Sec 3 T35N R53E

Instrument DT101 Operator MARK GROSS Elevation 5800' (ft/m)

Comments CASED, HAND PUMP

CAMP CREEK WELL

Card A

RT JUSTIFY

Proj No	Well No	Date Logged DA	MO	YR	*
566		8	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
	Mg				

(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	40.	52.5	116.	000.	

Use decimals

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

Northing	Easting	Elev	
37.3	2.6	5800.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
3.8	21.8	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

	End	K	ΔK
Segment 2 Start →	.999		

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

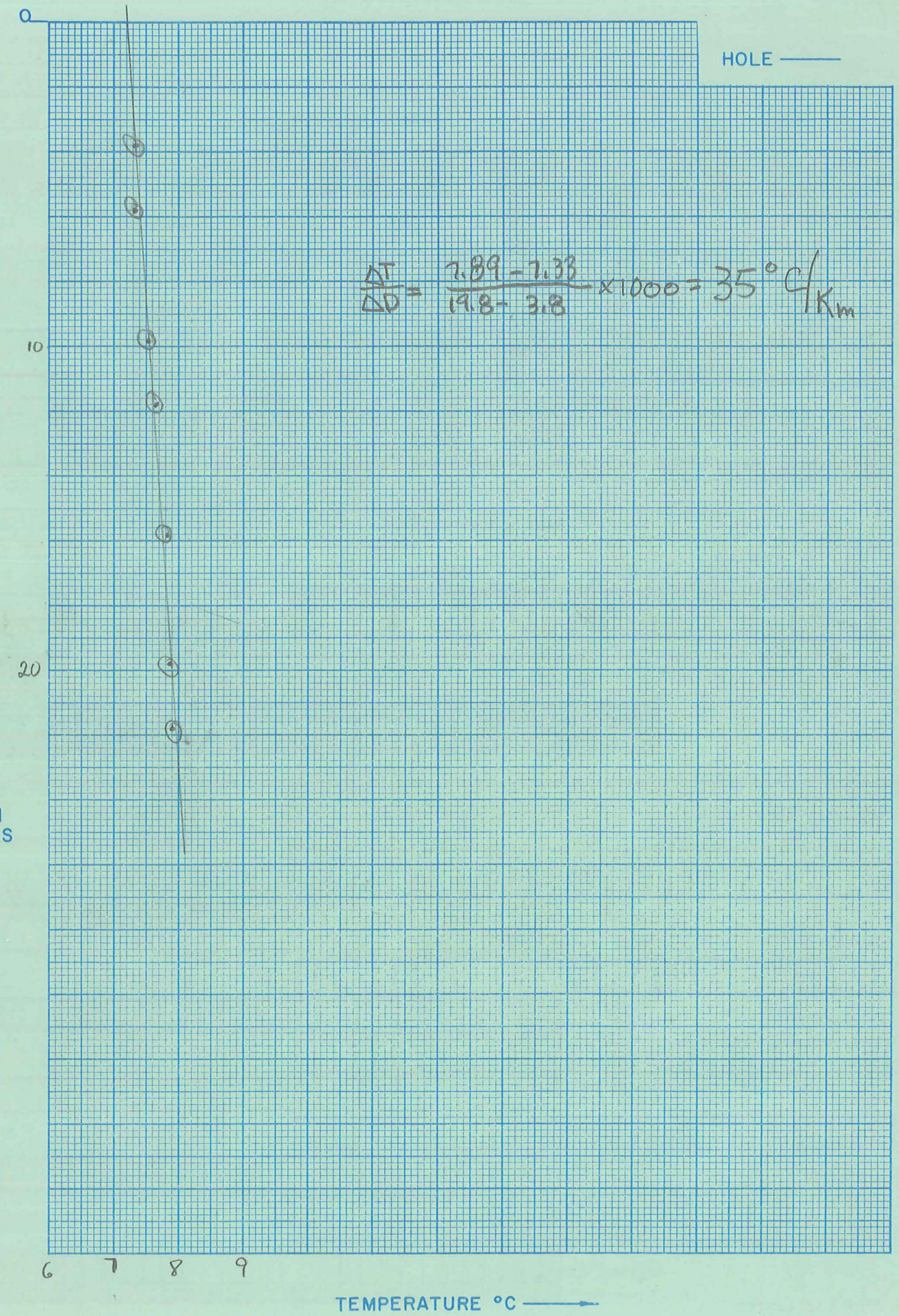
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
$\frac{\Delta T}{\Delta D} = \frac{7.89 - 7.33}{19.8 - 3.8} \times 1000 = 35\,^{\circ}C/Km$
0
10
20
DEPTH METERS
6
7
8
9
TEMPERATURE °C

MGRIF 22

Date Logged: 6-8-78

ΔT Well No. 222

CAMP CREEK WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						AIR	STREAM CHANNEL
3.8		7.33	0	0		↓	GRAVEL
5.8		7.33					WT
7.8		7.52				H_2O	
9.8		7.52	.14	70		↓	
11.8		7.66					
13.8		7.81					
15.8		7.81					
17.8		7.89					
19.8		7.89	.01	5			
21.8		7.90					

NOTE: BECAUSE OF THE ODD NATURE OF THIS HOLE, I RAN IT TWICE TO DOUBLE CHECK. MG

DEFECTIVE BRUSHES IN PROBE

K=Conductivity

54°C/Km

AMAX EXPLORATION, INC. K 3.5 MGRI F25 X

TEMPERATURE/DEPTH LOG Q 1.9

ΔT 54

ΔT Well No. Δ223

Property-Project 566 Depth Logged 35 m

Map ADOBE SUMMIT 7.5' Scale 1:24000 Date: Drilled _____ Logged 6-8-78

State NEV. County ELKO , ____ of NW of SE of NW of Sec 27 T 36N R 54E

Instrument DT 101 Operator M. GROSS Elevation 6360' (ft/m)

Comments WINDMILL COLLAPSED - CASED AT TOP OF HOLE

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
566		8	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
	MG/				

(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	40.	52.5	116.	000.

Use decimals

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

Northing	Easting	Elev	
49.3	39.4	6360.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
20.0	35.0	-3.5	-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 →

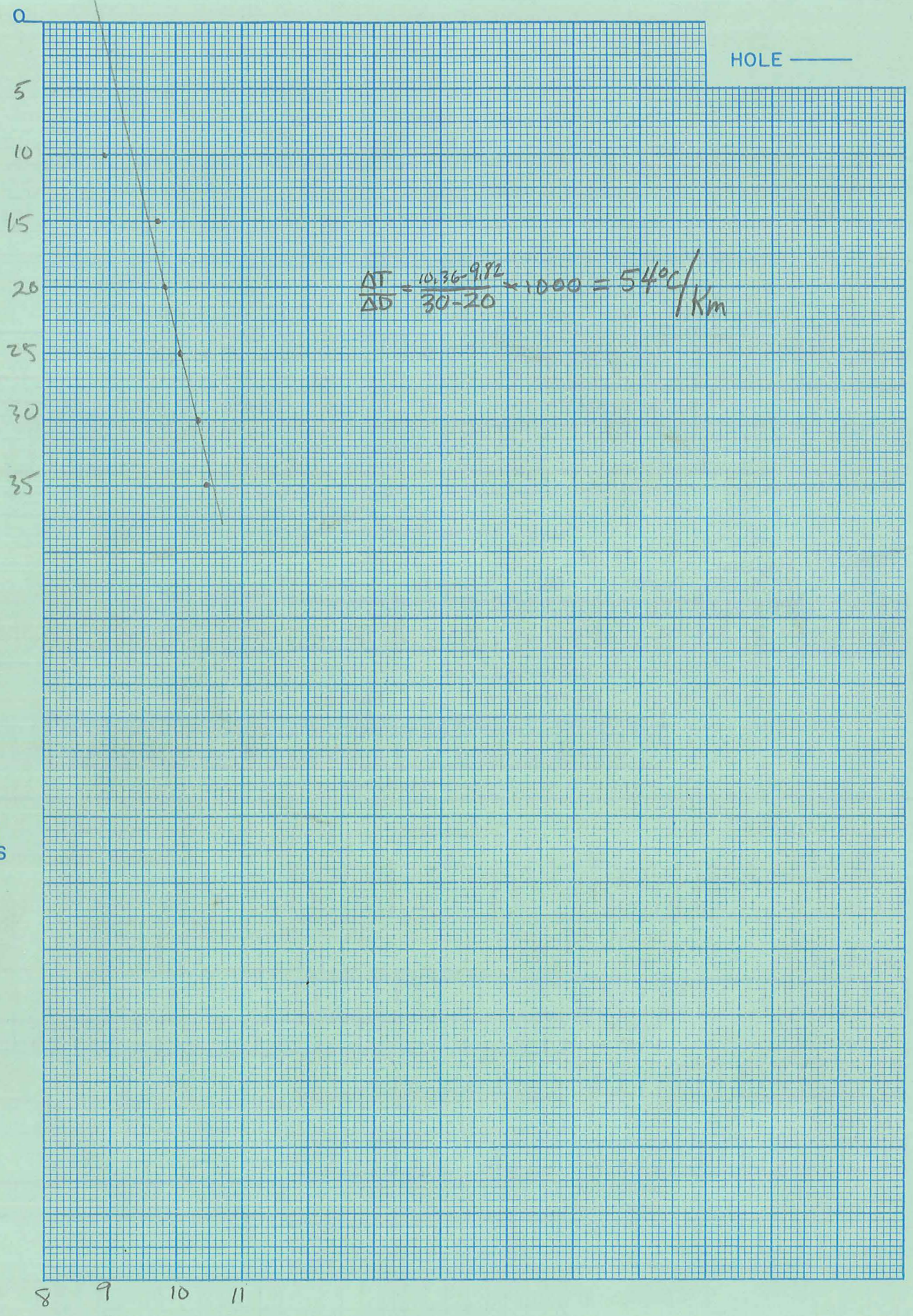
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
5
10
15
20
25
30
35
$\frac{\Delta T}{\Delta D} = \frac{10.36 - 9.82}{30 - 20} \times 1000 = 54°C/Km$
DEPTH METERS
8
9
10
11
TEMPERATURE °C

Date Logged: 6-8-78 ΔT Well No. 223

MG RI F25

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
5							
10		8.91					
15		9.73	.82	164			
20		9.82	.09	18			WT 20m
25		10.09	.27	54		H_2O	
30		10.36	.27	54			
35		10.47	.11	22			

K=Conductivity

page ____ of ____

128°C/Km

MG R1 F27 X

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ225

Property-Project 566 Depth Logged 42.5 m

Map COAL MINE CANYON SE 25' Scale 1:24,000 Date: Drilled Logged 6-9-78

State NEV County ELKO , of of 5.5 mi. North of Ryndon Jct. on I 80 of Sec T R

Instrument DT 101 Operator Mark Gross Elevation (ft m)

Comments CASED at top - no cap TWELVEMILE WELL

Card A

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

1 2 3 4	5 6 7 8 9 10	11 12	13 14 15	16 17 18	19	20
566		9	6	78	C	M

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

Site Description	Operator	Editor	DA	MO	YR
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	51 52 53 54 55	56 57 58 59 60	61 62	63 64 65	66 67 68
	MG				

(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.	00 0.	115.	37.5	

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
8.9	16.9	5310.	F

Use decimals

← Write M if if meters

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	
7.5	37.5	-3.5	-0.5	

Segment 2 Start → .999

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

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

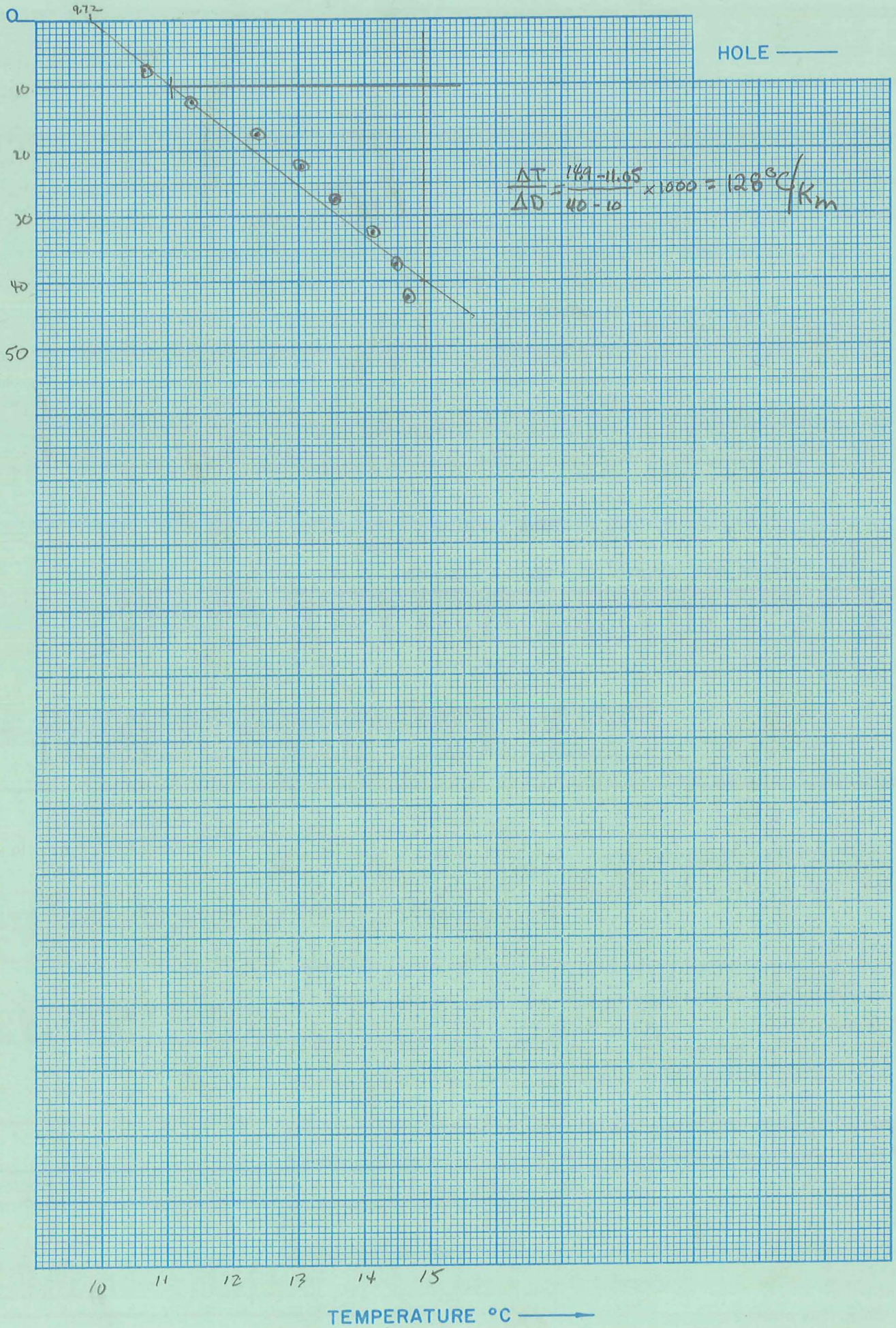
Segment 8 Start →

Segment 9

Segment 10 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	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
9.72
0
10
20
30
40
50
$\frac{\Delta T}{\Delta D} = \frac{16.9 - 11.05}{40 - 10} \times 1000 = 120\ ^{\circ}C/Km$
DEPTH METERS
10
11
12
13
14
15
TEMPERATURE °C

mg RI F27

Date Logged: 6-9-78 ΔT Well No. 225

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
2.5						↓	
7.5		10.63					
12.5		11.37	.74	148			
17.5		12.36	.99	198			
22.5		13.05	.69	138			
27.5		13.55	.50	100			
32.5		14.13	.58	116			
37.5		14.49	.36	72		~~~	W.T. (estimated) 35m
42.5		14.65	.16	32		H_2O ↓	

K=Conductivity

page ____ of ____

83°C/Km

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

K 3.5
Q 2.9
ΔT 83

MGRI F29

X

ΔT Well No. Δ226

Property-Project 566 Depth Logged 32.5 m

Map COAL MINE CANYON SE 7.5' Scale 1:24000 Date: Drilled ____ Logged 6-9-78

State NEV County ELKO, ____ of ____ of ____ of ____ of Sec ____ T ____ R ____ 3 MILES NE OF EMRRY WELL

Instrument DT 101 Operator M. Gross Elevation 5400' (ft/m)

Comments ABANDONED WINDMILL - WELL PARTIALLY CASED - DEVILS GATE WELL

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
566		9	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
	MG				

(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.	000.	115.	37.5

Use decimals

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

Northing	Easting	Elev	
53.80	33.60	5400.	F

Use decimals

Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
17.5	32.5	-3.5	-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 →

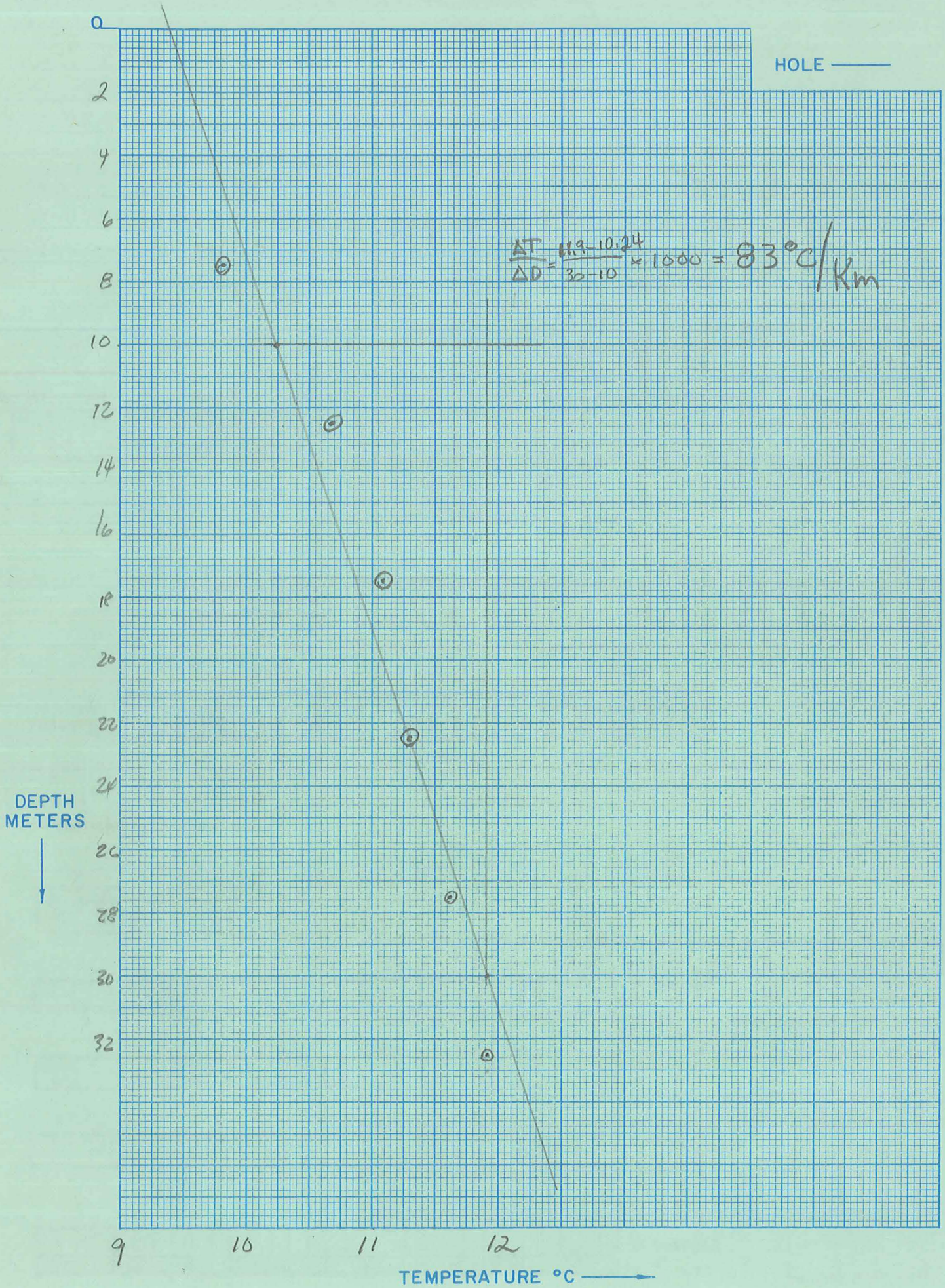
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
$\frac{\Delta T}{\Delta D} = \frac{11.9 - 10.24}{30 - 10} \times 1000 = 83°C/Km$
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
DEPTH METERS
9
10
11
12
TEMPERATURE °C

M6 R1 F29

Date Logged: 6-9-78 ΔT Well No. 226

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
2.5							
7.5		9.82					
			.86	172			W.T. 9m
12.5		10.68				H_2O	
			.41	82			
17.5		11.09					
			.21	42			
22.5		11.30					
			.32	64			
27.5		11.62					
			.29	58			
32.5		11.91					

K=Conductivity

186°C/Km K3.5 Q6.5 MG RIF30 X

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ227

Property-Project 566 Depth Logged 40m

Map BOYD RESERVOIR 7.5' Scale 1:24,000 Date: Drilled ______ Logged 6-9-78

State NEV County ELKO , ______ of NW of NE of NW of Sec 19 T 34N R 57E

Instrument DT 101 Operator M. Gross Elevation 5420' (ft)

Comments Pump in place - cased well - Jack pump

Card A

Date Logged

RT JUSTIFY

Proj No (1-4)	Well No (5-10)	DA (11-12)	MO (13-16)	YR (17-18)	19*	20*
566		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 (61-63)	MO (64-66)	YR (67-68)
	MG	/			

(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	40.	45.	115.	37.5

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
34.20	9.45	5420.		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	35.0	-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

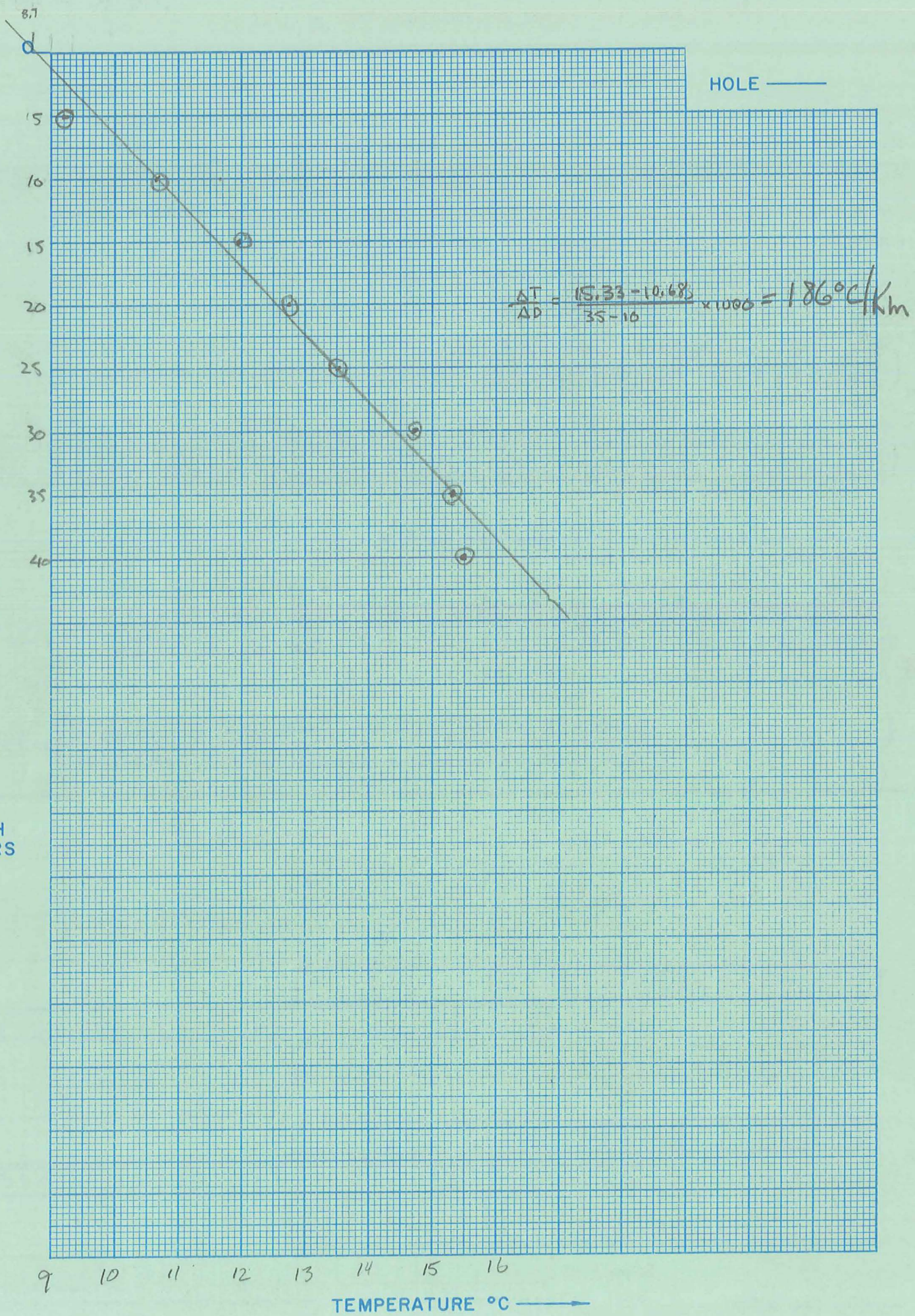
Segment 8 Start →

Segment 9

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

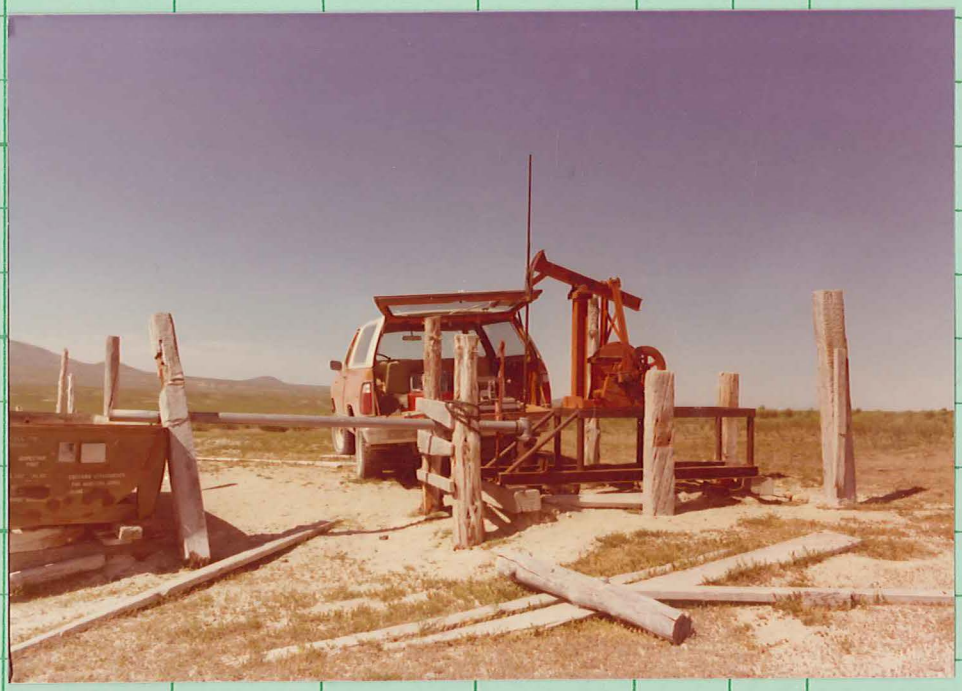
After final segment Start = .999


8.7
HOLE
15
10
15
20
25
30
35
40
$\frac{\Delta T}{\Delta D} = \frac{15.33 - 10.68}{35 - 10} \times 1000 = 186°C/Km$
DEPTH METERS
9
10
11
12
13
14
15
16
TEMPERATURE °C

MG RI F30

Date Logged: 6-9-78 ΔT Well No. 227

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
5		9.20					
			1.48	256			
10		10.68					
			1.30	260			
15		11.98					
			.80	160			
20		12.78					
			.73	146			
25		13.51					
			1.22	244			
30		14.73					
			.60	120			
35		15.33					
			.17	34			W.T. 35m (Apk)
40		15.50				H_2O	



K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. 35°C/km K3.5 Q 1.2 Δ228

TEMPERATURE/DEPTH LOG

ΔT Well No. Anderson Well ΔT

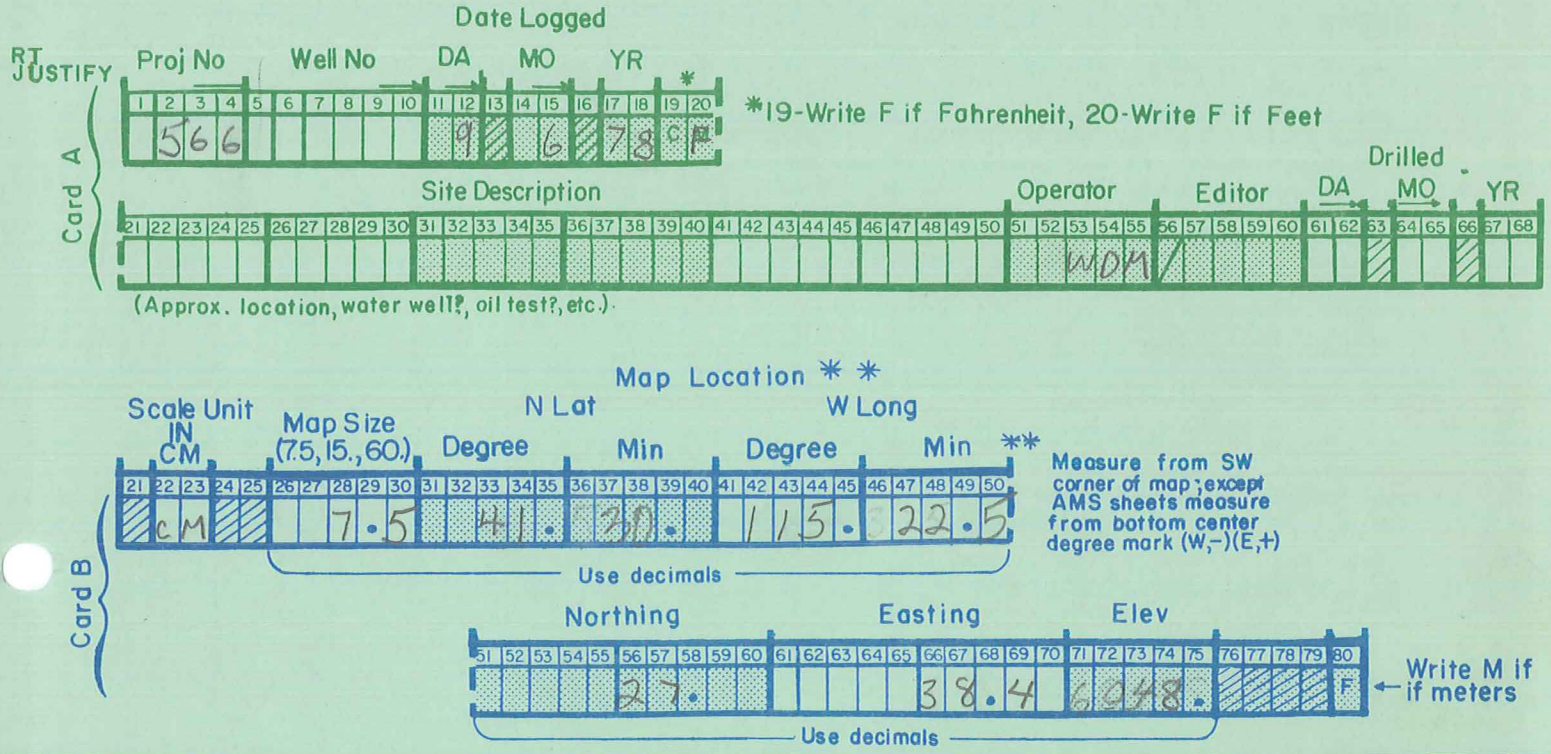
Property-Project 566 Depth Logged

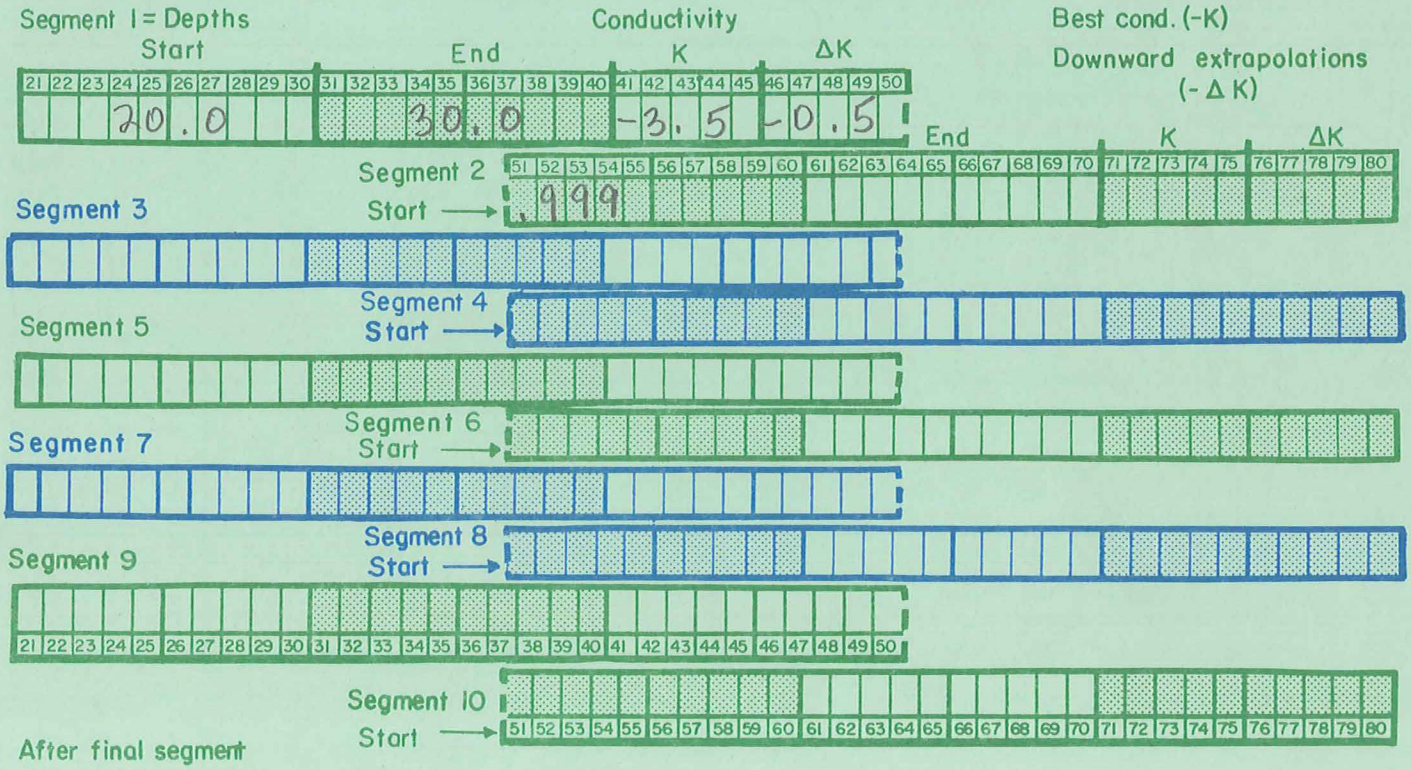
Map Mary River Basin SE Scale 7½' Date: Drilled ? Logged 6/9/78

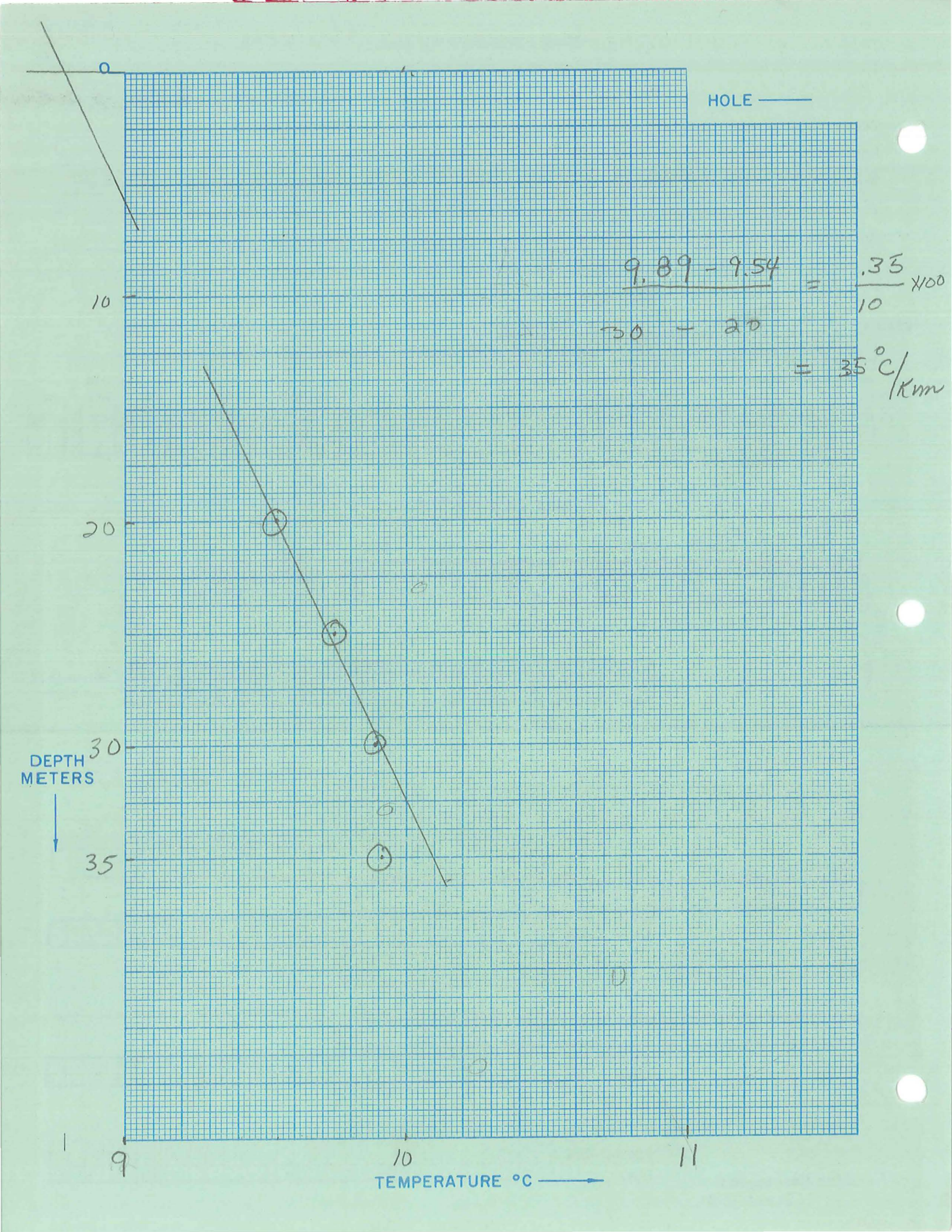
State NV County Elko , of of of SW of Sec 1 T 42N R 59E

Instrument DT 101 Operator WDM Elevation 6048 (ft m)

Comments Buried well, 12" casing







$$\frac{9.89 - 9.54}{30 - 20} = \frac{.35}{10} \times 100$$

$$= 35\ ^{\circ}C/Km$$

Date Logged: 6/1/78 ΔT Well No. Anderson Well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
20		9.54				Air	Qal
			.2	40			
25		9.74					
			.15	30			
30		9.89					
			.02	4			
35		9.91					bottom?

K=Conductivity

AMAX EXPLORATION, INC. 60°c/km Q2.1 Δ229 ✓

TEMPERATURE/DEPTH LOG

ΔT Well No. Sleep Creek Wind Mill

Property-Project 566 Depth Logged

Map Rodes Creek NW Scale 7.5 Date: Drilled Logged 6/7/78

State Nev County Eureka , of of of of Sec T R

Instrument DT-101 Operator WD + MD Elevation 4814 (ft m)

Comments

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
566		7	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
SHEEP CREEK WINDMILL	WDM/				

(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	40.	52.5	116.	30.

Use decimals

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

Northing	Easting	Elev	
11.8	32.5	4814.	F ← Write M if if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
20.0	40.0	-3.5	-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 →

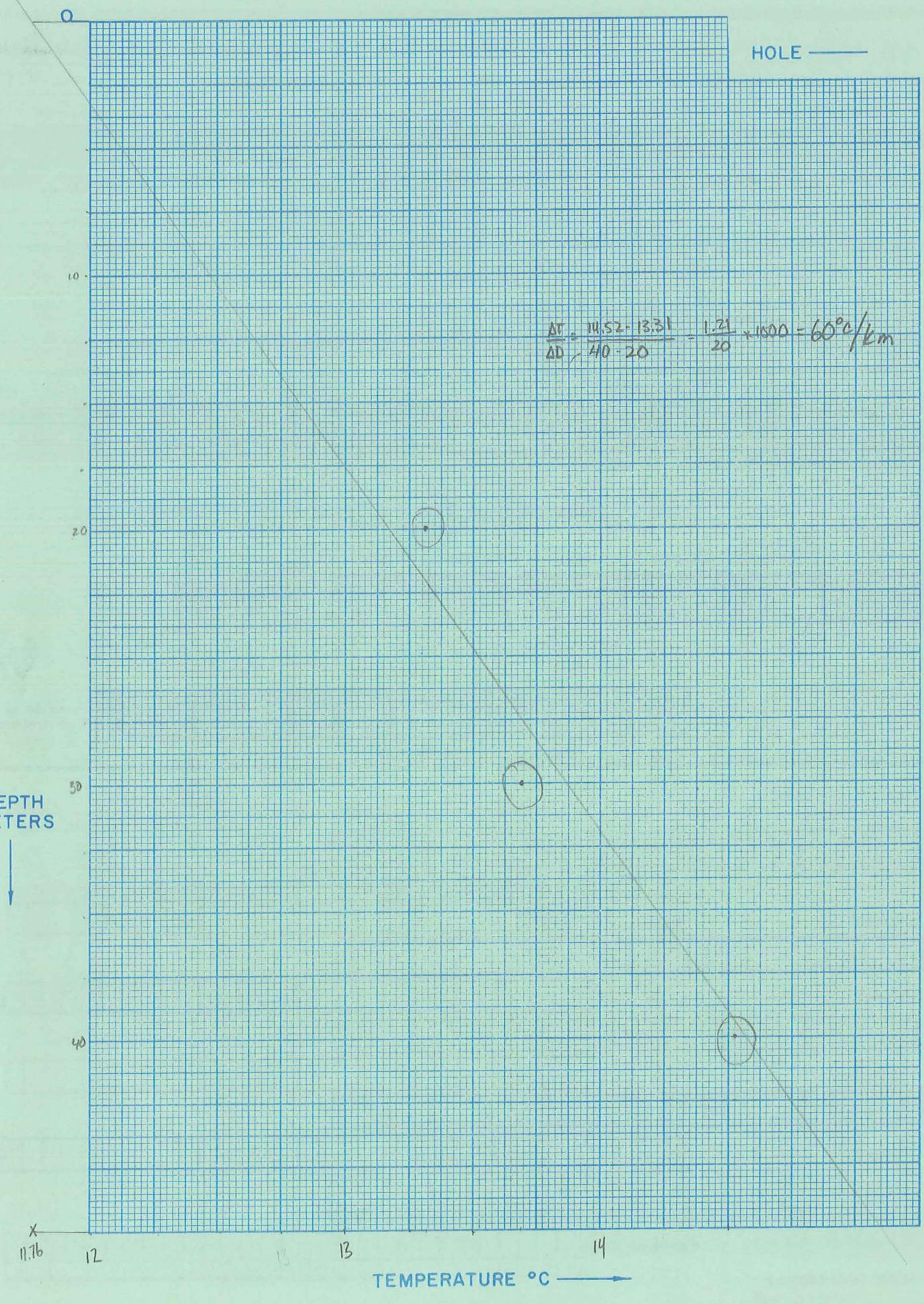
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0
HOLE
10
20
30
40
DEPTH METERS
$\frac{\Delta T}{\Delta D} = \frac{14.52 - 13.31}{40 - 20} = \frac{1.21}{20} \times 1000 = 60°C/km$
X
11.76
12
13
14
TEMPERATURE °C

Date Logged: 6/7/78

ΔT Well No. Sleep Creek Windmill

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
20		13.31				Air	Qal
			.38	38			
30		13.69				H_2O	
			.83	83			
40		14.52				H_2O	

K=Conductivity

AMAX EXPLORATION, INC. 44.8°c/km Q1.6 Δ230 ✓

TEMPERATURE/DEPTH LOG

ΔT Well No. Buena Vista ΔT

Property-Project 566 Depth Logged 50m

Map Buena Vista Ranch Scale 7½' Date: Drilled _____ Logged 6/9/78

State NV County Elko, ____ of ____ of NE of ____ of Sec ____ T 41N R 60E

Instrument DT-101 Operator WDM Elevation 6021 (ft / m)

Comments windmill 16 miles N of Metropolis

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*
	566		9	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
		/			

(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	**
C M	7.5	41.	22.5	115.	15.	

Use decimals

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

Northing	Easting	Elev	
28.	41.3	6021.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
25.0	50.0	-3.5	-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 →

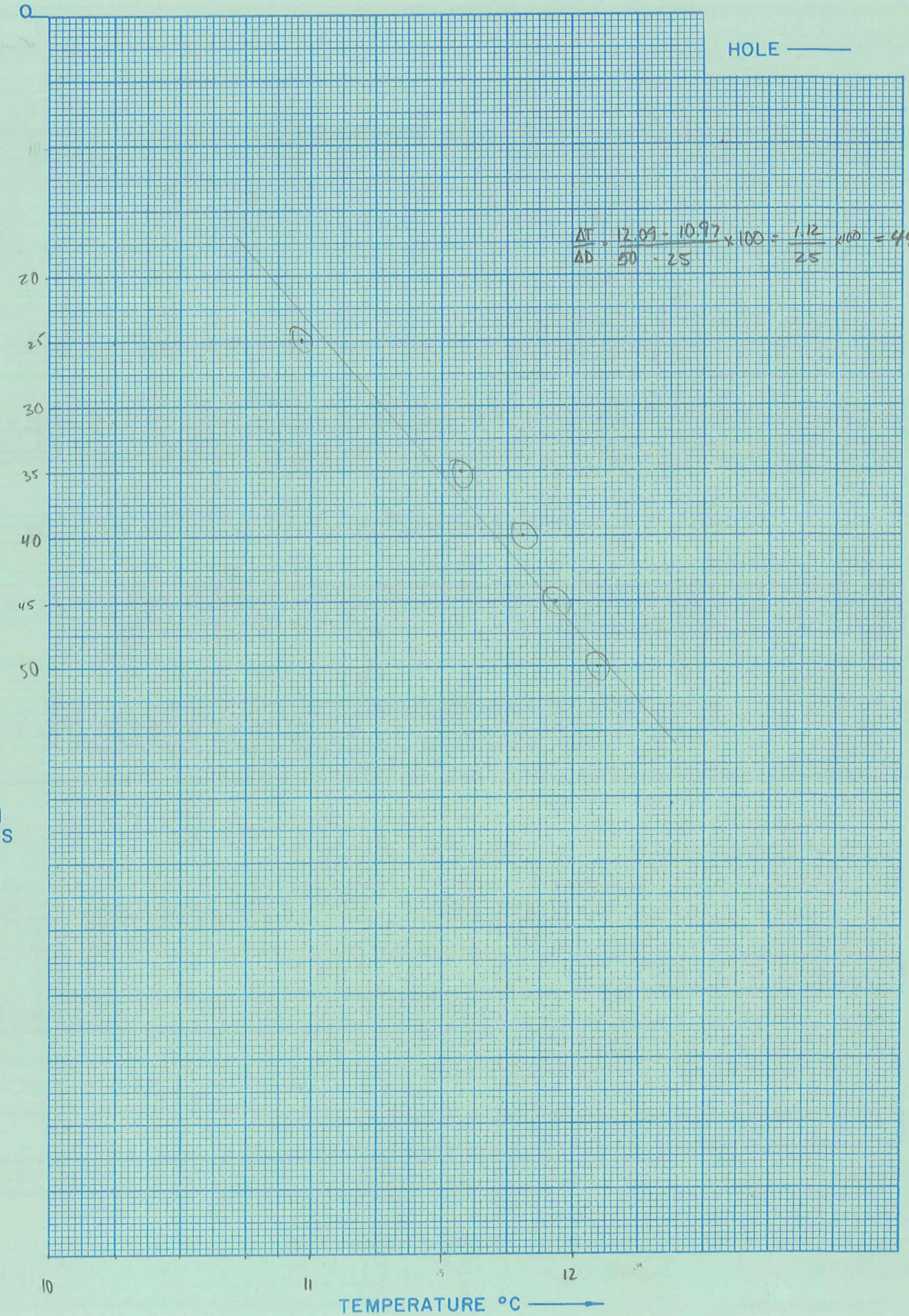
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
$\frac{\Delta T}{\Delta D} = \frac{12.09 - 10.97}{50 - 25} \times 100 = \frac{1.12}{25} \times 100 = 44.8°C/km$
0
20
25
30
35
40
45
50
DEPTH METERS
10
11
12
TEMPERATURE °C

Date Logged: 6/9/78 ΔT Well No. Buena Vista ΔT

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
50		12.09				Air	Qal
45		11.97	.12	24			
40		11.78	.19	38			
35		11.57	.21	42			
25		10.97	.6	60			

K=Conductivity

DM RI F6

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

69°c/km Q2.2 Δ231 ✓

ΔT Well No. TMFST

Property-Project 566 Depth Logged

Map Twelvemile Flat Scale 7½' Date: Drilled ? Logged 6/6/78

State Elko County NV , of of of of Sec T 46N R 47E

Instrument DT-101 Operator WPM Elevation 5245 (ft m)

Comments dry windmill, pumping while probed

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
566		6	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR

(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.	45.	116.	745.

Use decimals

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

Northing	Easting	Elev	
21.4	37.7	5245.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
10.0	40.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | End | K | ΔK

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

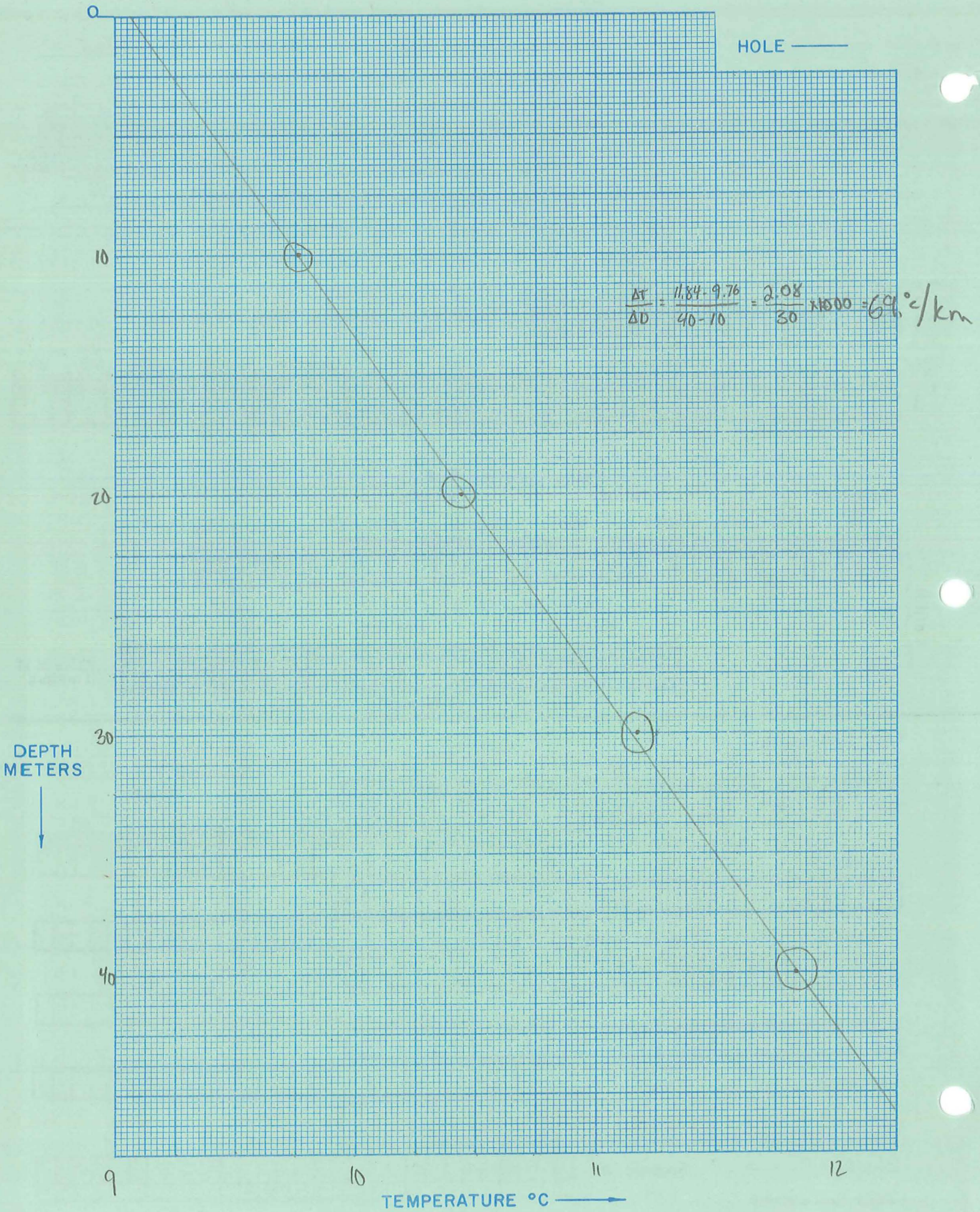
Segment 7 Start →

Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
DEPTH METERS
9
10
11
12
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{11.84 - 9.76}{40 - 10} = \frac{2.08}{30} \times 1000 = 69.3\,°C/km$

Date Logged: 6/6/78 ΔT Well No. TMF ΔT

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
40		11.84				H_2O	basalt at depth -
30		11.16	.68	68		H_2O	hole in playa
20		10.42	.74	74		Air	
10		9.76	.66	66			

K=Conductivity

AMAX EXPLORATION, INC. 52.5°c/km Δ232

TEMPERATURE/DEPTH LOG

ΔT Well No. CM 1

Property-Project 566 Depth Logged

Map Wilson Reservoir Scale 15' Date: Drilled ? Logged 6/6/78

State NV County Elko , of of SE of SW of Sec 18 T 42N R 51E

Instrument DT 101 Operator DM Elevation 6200 (ft / m)

Comments uncased drillhole in Cornucopia Mine

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
	5	6	6								6		6			7	8	C	M

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

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
C	O	R	N	U	C	O	P	I	A		M	I	N	E																W	D	M															

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

(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	.		3	0	.			1	1	6	.		3	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
					4	.	5								2	7	.	8		6	2	0	0	.					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
			2	0	.	0					2	8	.	0						-	4	.	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 →

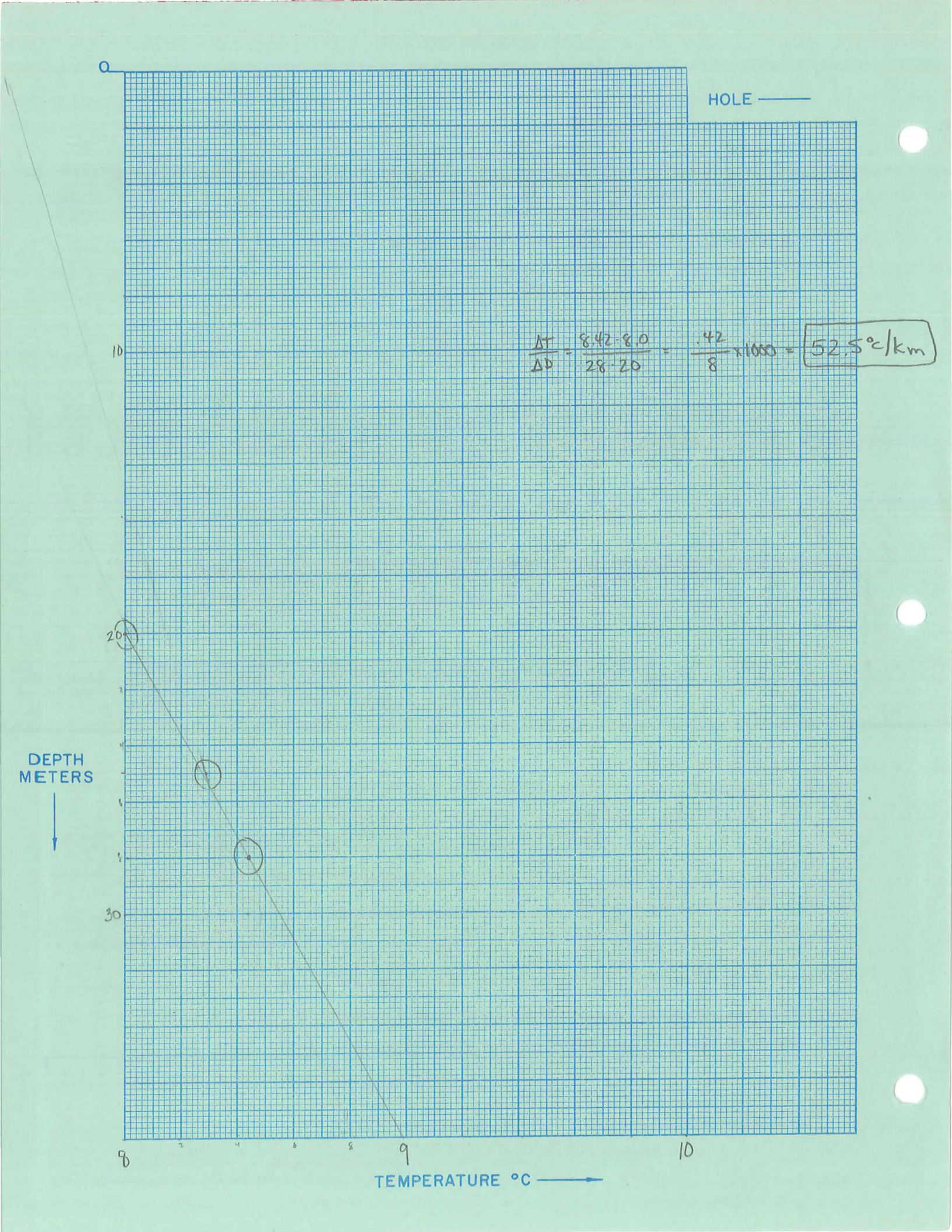
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


0
HOLE
10
20
30
DEPTH METERS
8
9
10
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{8.42 - 8.0}{28 - 20} = \frac{.42}{8} \times 1000 = 52.5°c/km$

Date Logged: 6/6/78

ΔT Well No. CM 1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
28		8.42				H_2O	altered rhyolite
25		8.29				H_2O	
20		8.05				Air	

K=Conductivity

DM R1 F8

AMAX EXPLORATION, INC. 57.6°C/km Q2 Δ233

TEMPERATURE/DEPTH LOG

ΔT Well No. FBΔT

Property-Project 566 Depth Logged

Map Wilson Reservoir Scale 15' Date: Drilled Logged 6/6/78

State NV County Elko, of of of of Sec T 44N R 49E

Instrument DT 101 Operator DM Elevation 5040 (ft) (m)

Comments dry 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
		5	6	6							6			6			7	8	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
																														W	D	M																	

(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	.		2	0	.			1	1	6	.		3	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
					4	2	.	6	5						6	.	9			5	0	4	0	.					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
			2	5	.	0					1	5	0	.						−	3	.	5		−	0	.	5		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | 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
.	9	9	9																										

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

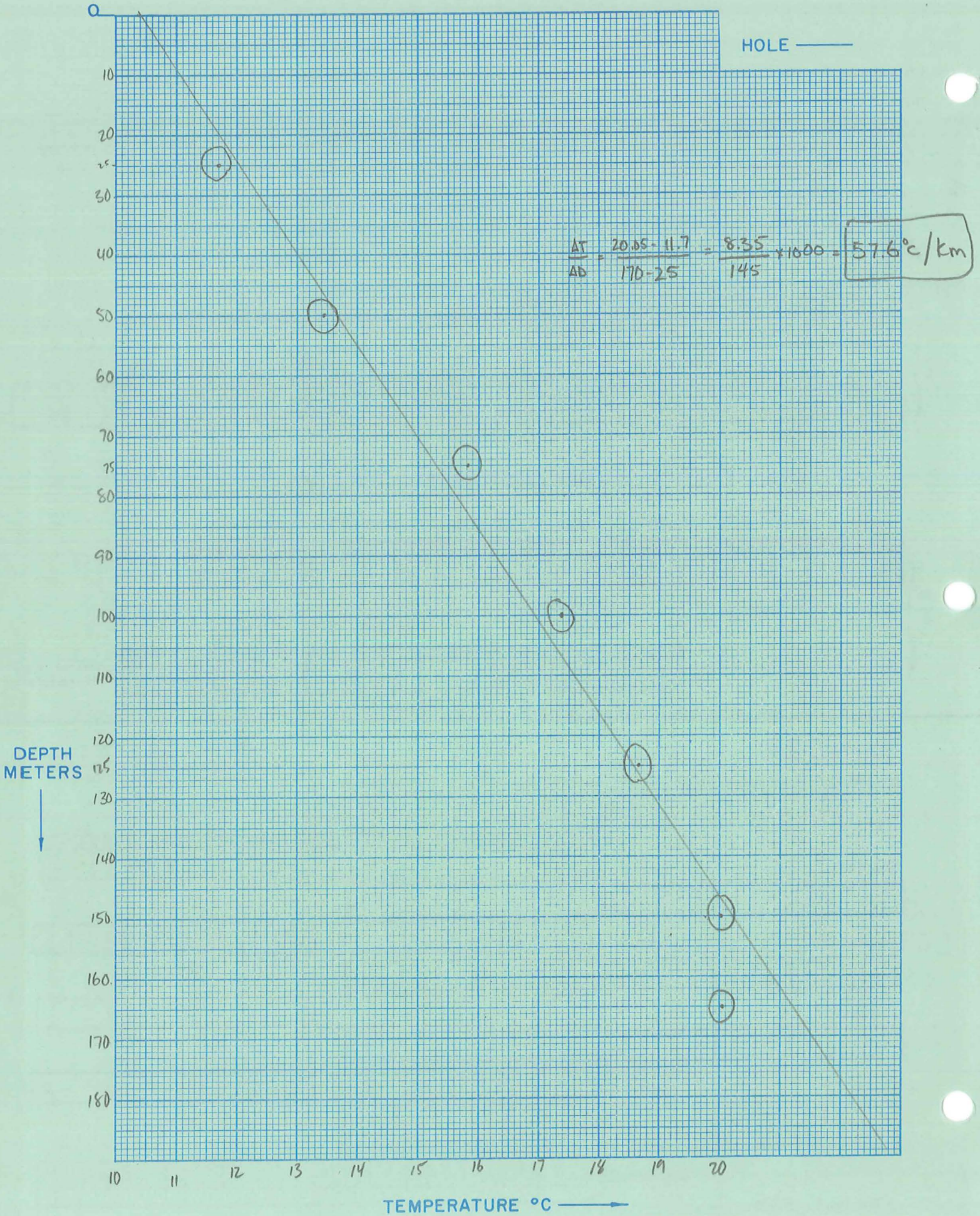
Segment 8 Start →

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
25
30
40
50
60
70
75
80
90
100
110
120
125
130
140
150
160
170
180
DEPTH METERS
10
11
12
13
14
15
16
17
18
19
20
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{20.05 - 11.7}{170 - 25} = \frac{8.35}{145} \times 1000 = 57.6\,°C/km$

Date Logged: 6/6/76 ΔT Well No. FB ΔT

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
170		20.05					basalt
150		20.03				Air	bottom
125		18.69	1.34	53.6			
100		17.39	1.3	52.			
75		15.82	1.57	62.8			
50		13.46	2.36	93.4			
25		11.7	1.76	59.4			

K=Conductivity

6.2°c/km Q,2 D235 ✓

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

ΔT Well No. Rodeo Ck. NE ΔT

Property-Project 566 Depth Logged

Map Rodeo Creek NE Scale 7 1/2' Date: Drilled ? Logged 6/7/78

State NV County Eureka , ____ of NE of NE of NE of Sec 30 T 33N R 51E

Instrument DT 101 Operator MD Elevation 5519 (ft/m)

Comments well 2 miles SE of Carlin mine

Date Logged

RT JUSTIFY

Card A

Proj No (1-5)	Well No (6-10)	DA (11-13)	MO (14-16)	YR (17-18)	19*	20*
566		7	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 (61-63)	MO (64-66)	YR (67-68)
	MD/				

(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	40.	52.5	116.	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 (71-79)	80
11.2	34.8	.5519	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start (21-30)	End (31-40)	Conductivity K (41-45)	ΔK (46-50)
10.0	50.0	-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 →

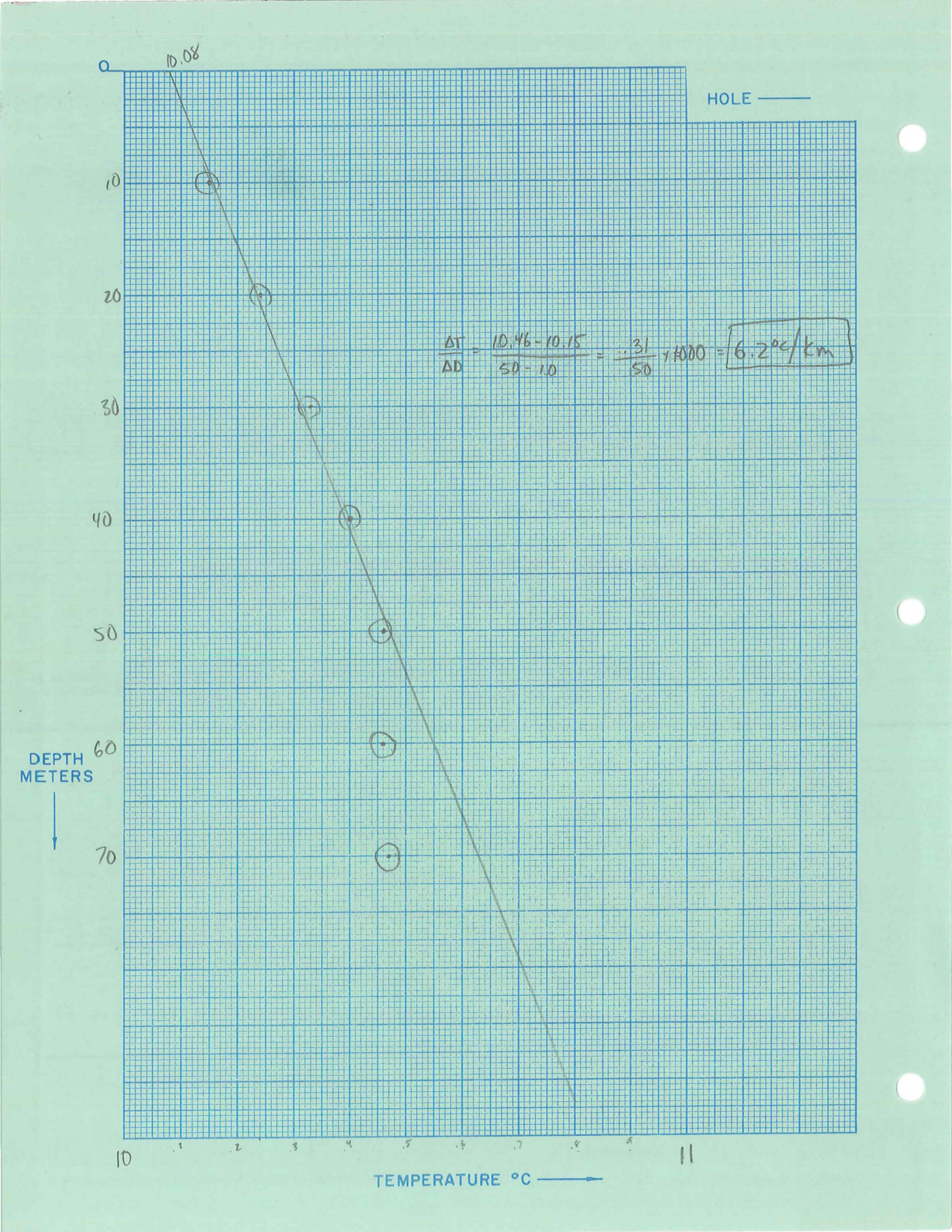
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
10.08
0
10
20
30
40
50
60
70
DEPTH METERS
10
11
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{10.46 - 10.15}{50 - 10} = \frac{.31}{50} \times 1000 = 6.2°C/km$

Date Logged: _____

ΔT Well No. Roden Creek NE

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
70		10.47					
60		10.46					
50		10.46					
40		10.4	.06	6.		H_2O	bottom Qal
30		10.33	.07	7.			
20		10.24	.09	9.			
10		10.15	.09	9.			

K=Conductivity

56.8°C/Km

AMAX EXPLORATION, INC. Q 2

TEMPERATURE/DEPTH LOG

MGR2 FB X

ΔT Well No. 0236

Property-Project 566 Depth Logged 115 m

Map ELKO EAST 7.5' Scale 1:24000 Date: Drilled _____ Logged 6-12-78

State NEV County ELKO, ____ of ____ of ____ of SW of Sec 14 T 34N R 56E

Instrument DT 101 Operator M. Gross Elevation 5469 (ft ~~m~~)

Comments Abandoned well - windmill gone

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
566		12	6	78	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	63 64 65	66 67 68
(Approx. location, water well?, oil test?, etc.)	MG				

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
CM	7.5	40.	45.	115.	45.

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
35.6	40.0	5469.	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
15.0	115.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (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; End, K, ΔK)

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

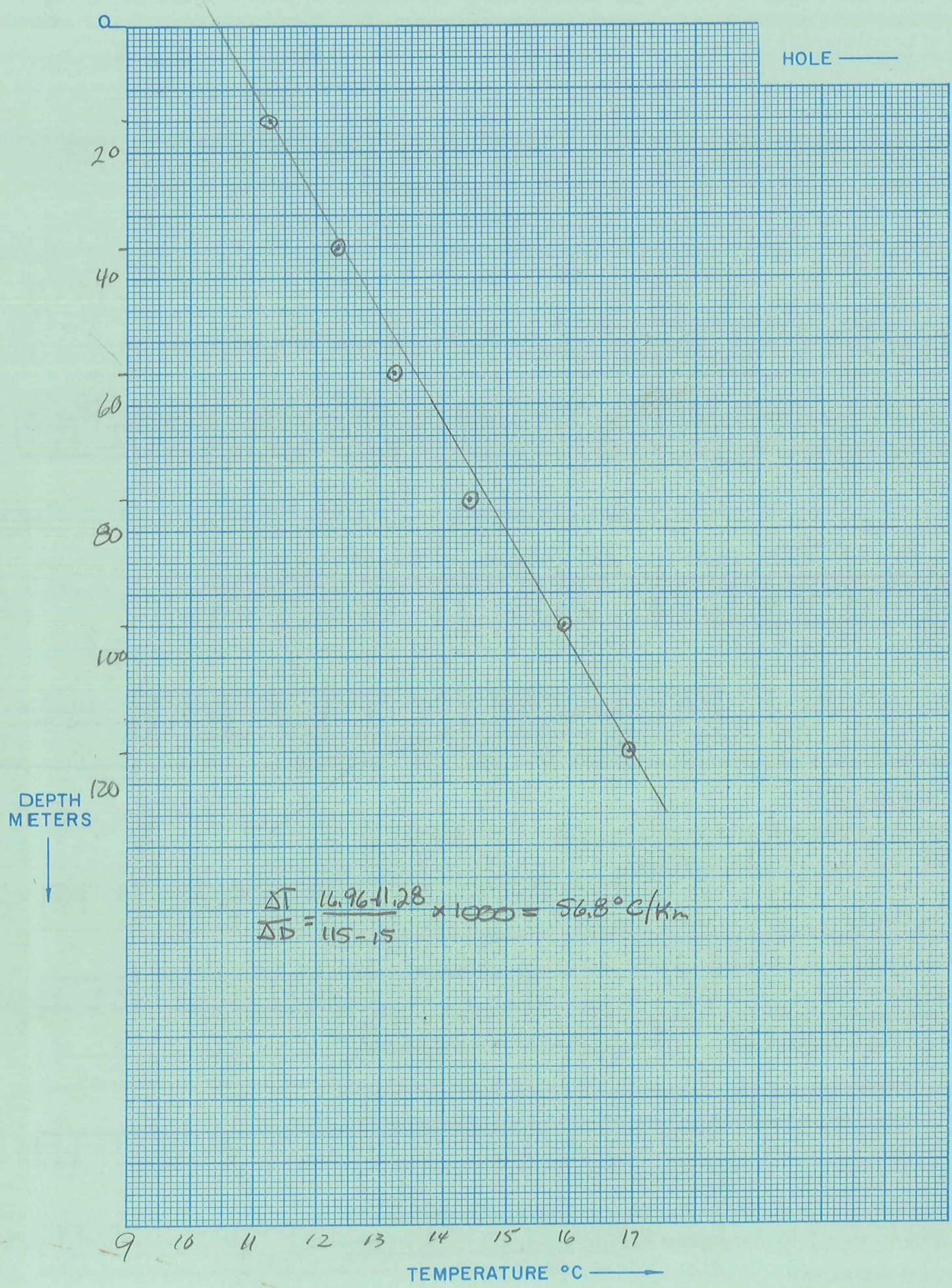
Segment 7

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



$$\frac{\Delta T}{\Delta D} = \frac{16.96 - 11.28}{115 - 15} \times 1000 = 56.8\,^{\circ}C/Km$$

M6R2F8

Date Logged: 6-12-78

ΔT Well No. 236

Reservation Windmill

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
15		11.28				↓	
35		12.32	1.04	52			
55		13.21	.89	44.5			
75		14.40	1.19	69.5		~~~	WT 75 m
95		15.90	1.65	75		H_2O	
115		16.96	1106	53		↓	

K=Conductivity

page ____ of ____

110°C/Km

AMAX EXPLORATION, INC. Q 3.9

TEMPERATURE/DEPTH LOG

MGR2F10

X

ΔT Well No. 0237

Property-Project 566 Depth Logged 50 m

Map BOYD RESERVOIR 7.5' Scale 1:24,000 Date: Drilled _____ Logged 6-12-78

State Nev County ELKO, ____ of ____ of NW of SW of Sec 6 T 33N R 57E

Instrument DT 101 Operator M. Gross Elevation 5524 (ft/m)

Comments well was pumping during logging

Card A

RT JUSTIFY	Proj No	Well No	DA	MO	YR	*
	566		12	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
(Approx. location, water well?, oil test?, etc.)	MG		12	6	78

Card B

Scale Unit IN CM	Map Size (7.5, 15., 60.)	N Lat Degree	Min	W Long Degree	Min **
CM	7.5	40.	45.	115.	37.5

Use decimals

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

Northing	Easting	Elev	
10.9	8.6	5524.	F

Use decimals

Write M if if meters

Segment 1 = Depths

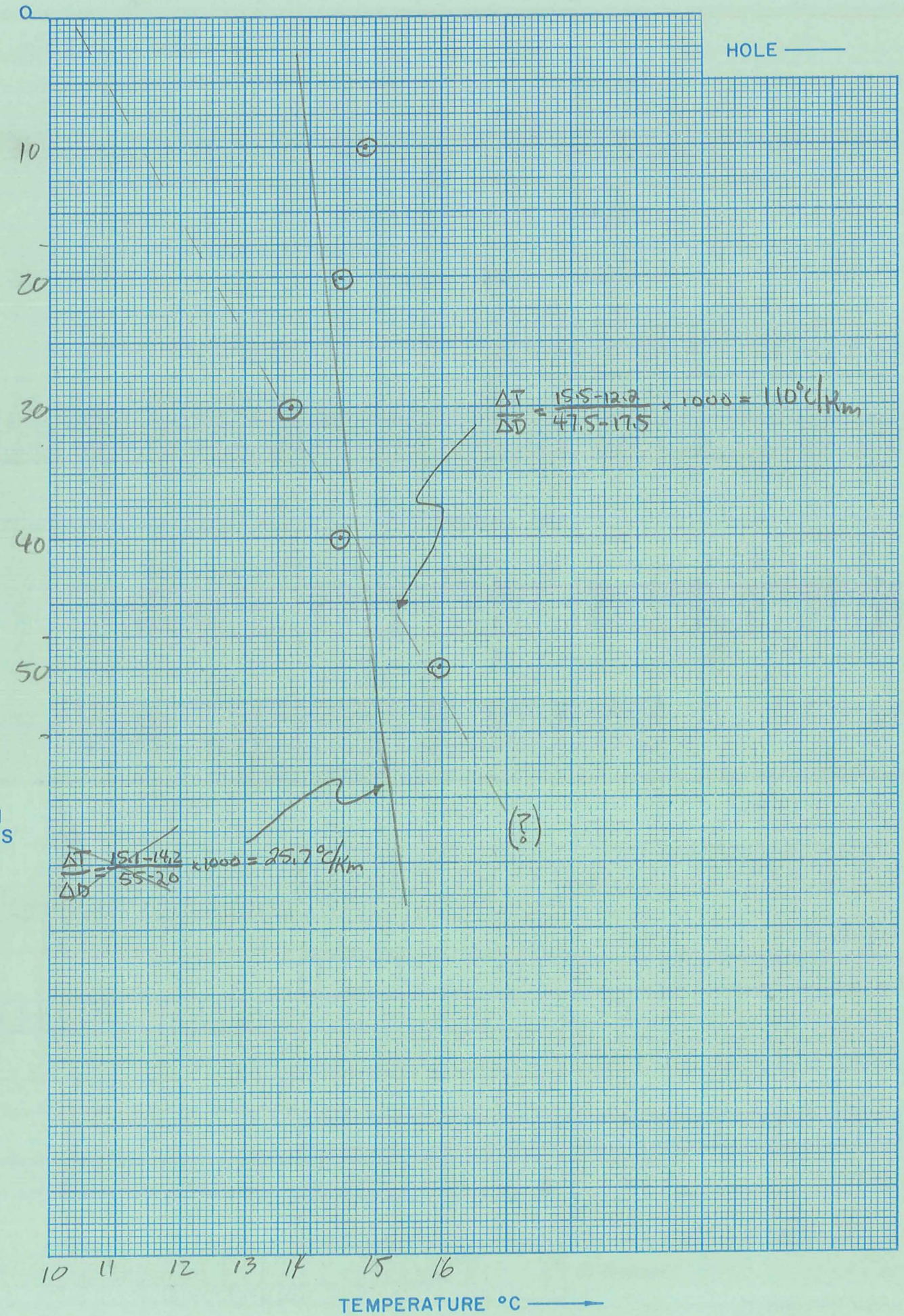
Start	End	Conductivity K	ΔK
30.0	50.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

	End	K	ΔK
Segment 2 Start →	.999		
Segment 3			
Segment 4 Start →			
Segment 5			
Segment 6 Start →			
Segment 7			
Segment 8 Start →			
Segment 9			
Segment 10 Start →			

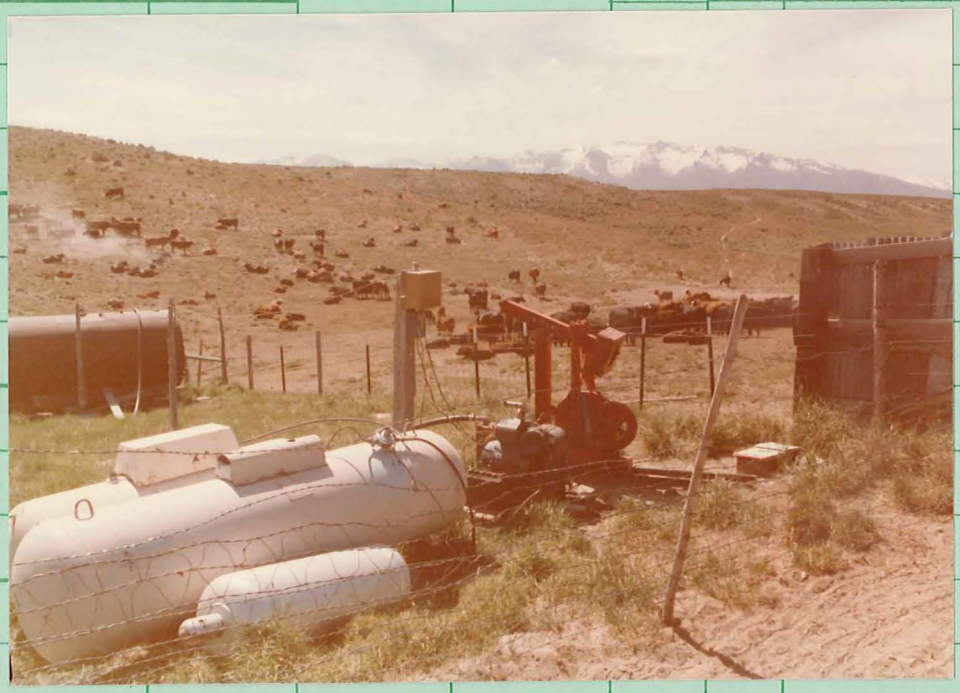
After final segment Start = .999


HOLE
0
10
20
30
40
50
DEPTH METERS
$\frac{\Delta T}{\Delta D} = \frac{15.5-12.0}{47.5-17.5} \times 1000 = 110°C/Km$
$\frac{\Delta T}{\Delta D} = \frac{15.1-14.2}{55-20} \times 1000 = 25.7°C/Km$
(?)
10
11
12
13
14
15
16
TEMPERATURE °C

MGR2F10

Date Logged: 6-12-78 ΔT Well No. 237

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						H_2O	Qal
10		14.83	-.35	-35		↓	WT ~2m
20		14.48	-.75	-75		↓	
30		13.70	.73	73		↓	
40		14.43	1.55	155		↓	
50		15.98				↓	
							NOTE - SUBMERSIBLE
							PUMP IN OPERATION
							DURING TEST



K=Conductivity

72°C/Km

AMAX EXPLORATION, INC. Q25

TEMPERATURE/DEPTH LOG

M6R2F11 X

ΔT Well No. Δ238

Property-Project 566 Depth Logged 27m

Map Boyd Reservoir 7.5' Scale 1-24000 Date: Drilled _____ Logged 6-12-78

State Nev County Elko, ____ of ____ of ____ of SW of Sec 5 T 33N R 57E

Instrument DT 101 Operator M. Gross Elevation 5481' (ft/m)

Comments Operational - not running during probe

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
	5	6	6							1	2		6			7	8	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
																																	M	G	/															

(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
	C	M			7	.	5			4	0	.		4	5	.		1	1	5	.		3	7	.	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
					1	0	.	1	0						1	4	.	5		5	4	8	1	.					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
				7	.	0					2	7	.	0						-	3	.	5		-	0	.	5	

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | 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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

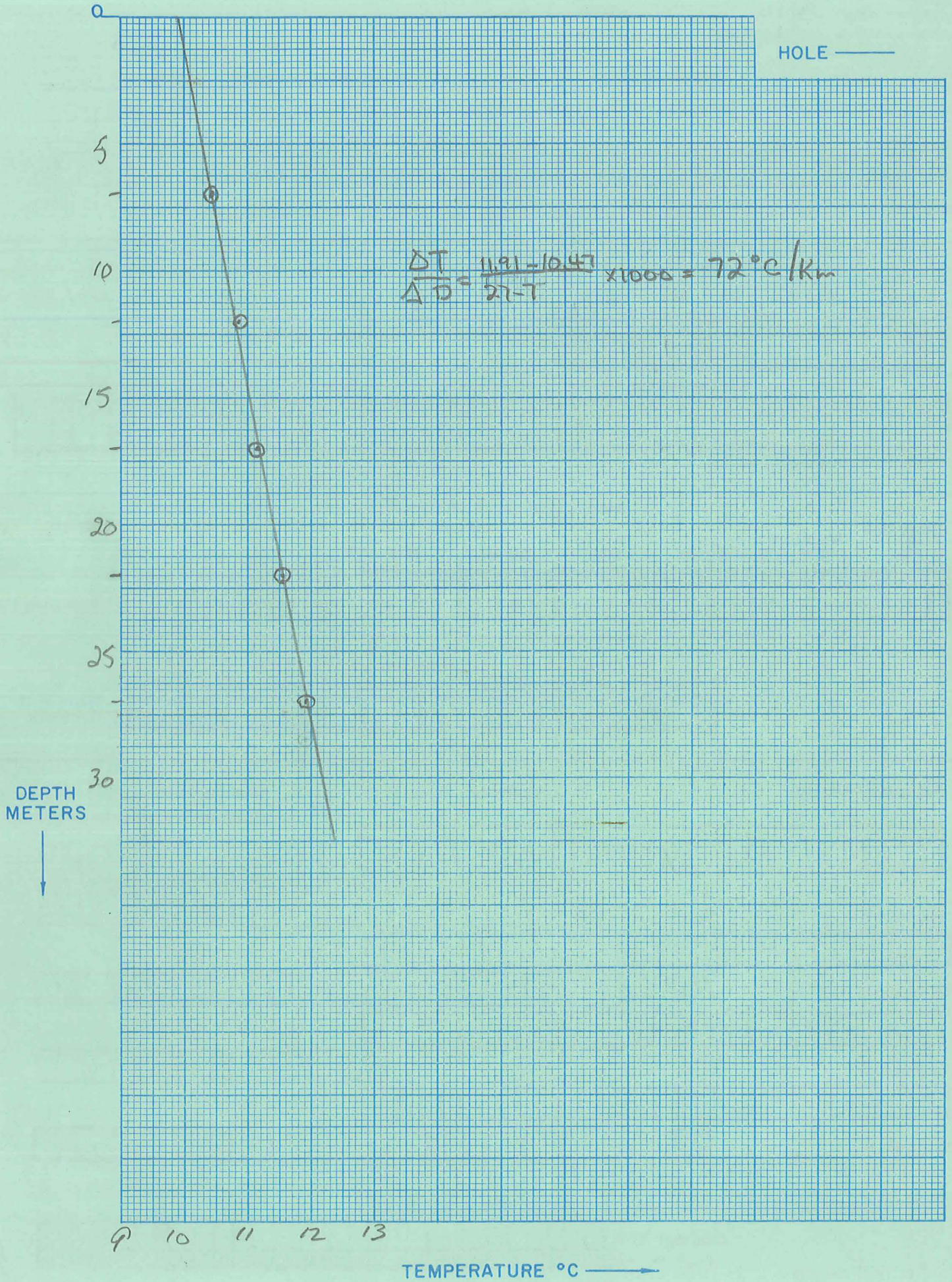
Segment 8 Start →

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
5
10
15
20
25
30
DEPTH METERS
9
10
11
12
13
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{11.91 - 10.47}{27 - 7} \times 1000 = 72°C/km$

M6R2 F11

Date Logged: 6-12-78 ΔT Well No. 23B

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal
2							wt - 4m
7		10.47	.40	80		H2O	
12		10.87	.29	58		↓	
17		11.16	40	80			
22		11.56	.35	70			
27		11.91					

Very rarely do I treat a windmill so bad, but I just didn't like this one.

K=Conductivity

50.75°C/Km

AMAX EXPLORATION, INC. Q 1.8

MGR2 F16 X

TEMPERATURE/DEPTH LOG

ΔT Well No. 0239

Property-Project 566 Depth Logged 575 m

Map DIXIE FLATS 15' Scale 1:62500 Date: Drilled _____ Logged 6-12-78

State Nev County ELKO , ____ of NE of SE of SE of Sec 30 T 31N R 55E

Instrument DT101 Operator M. Goss Elevation 5670' (ft/m)

Comments Jack pump & gas motor - INDIAN WELL

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
		5	6	6						1	2			6			7	8	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
																																	M	G														

(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	0	.			3	0	.			1	1	6	.	0	0	0	.		

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

Use decimals

Northing | Easting | Elev

51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
					6	.	7	0							2	4	.	8		5	6	7	0	.					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
			7	.	5					5	7	.	5			-3	.	5			-0	.	5						

Segment 2 Start → .999 | End | K | ΔK

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

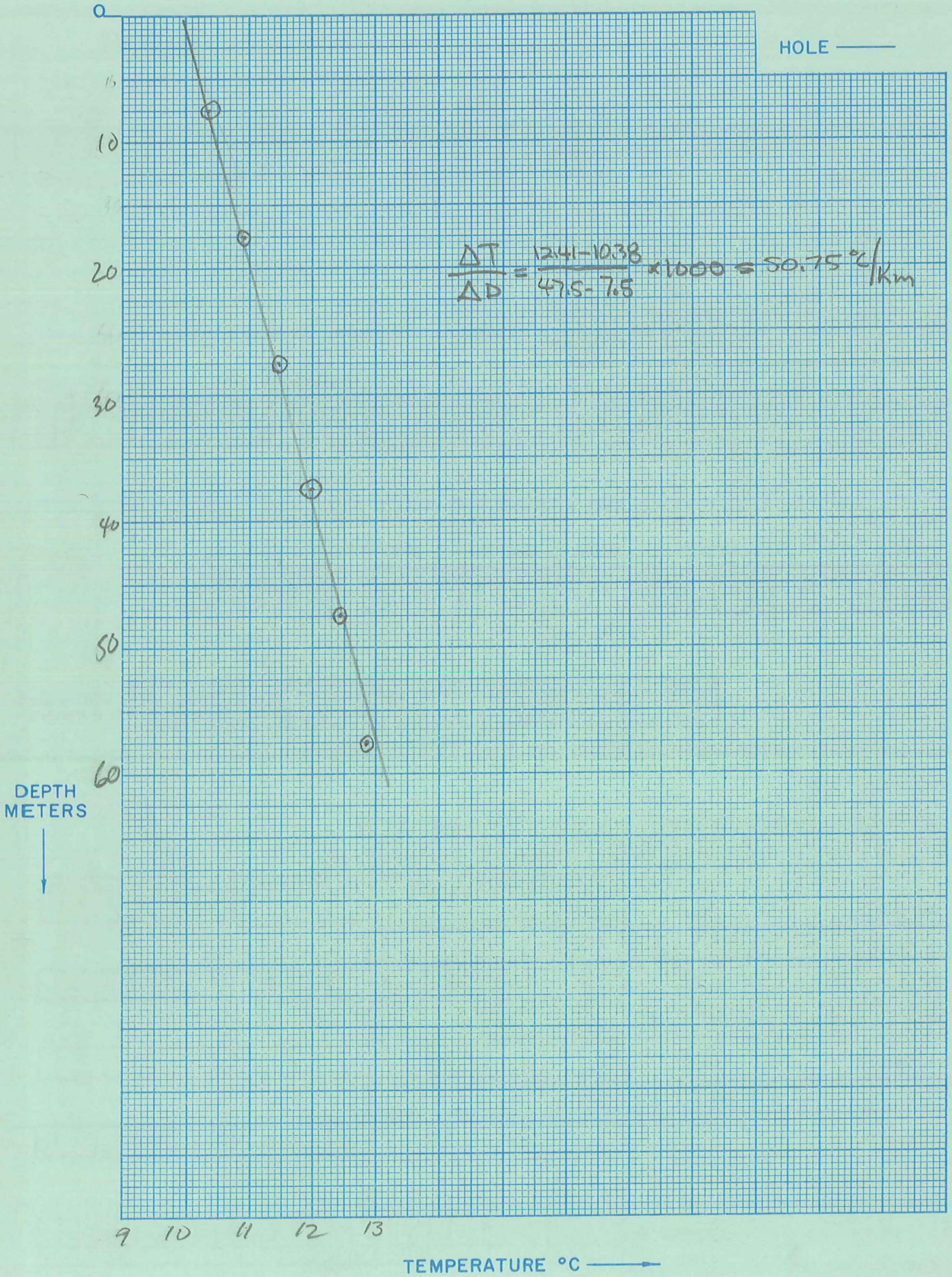
Segment 8 Start →

Segment 9

Segment 10 Start →

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

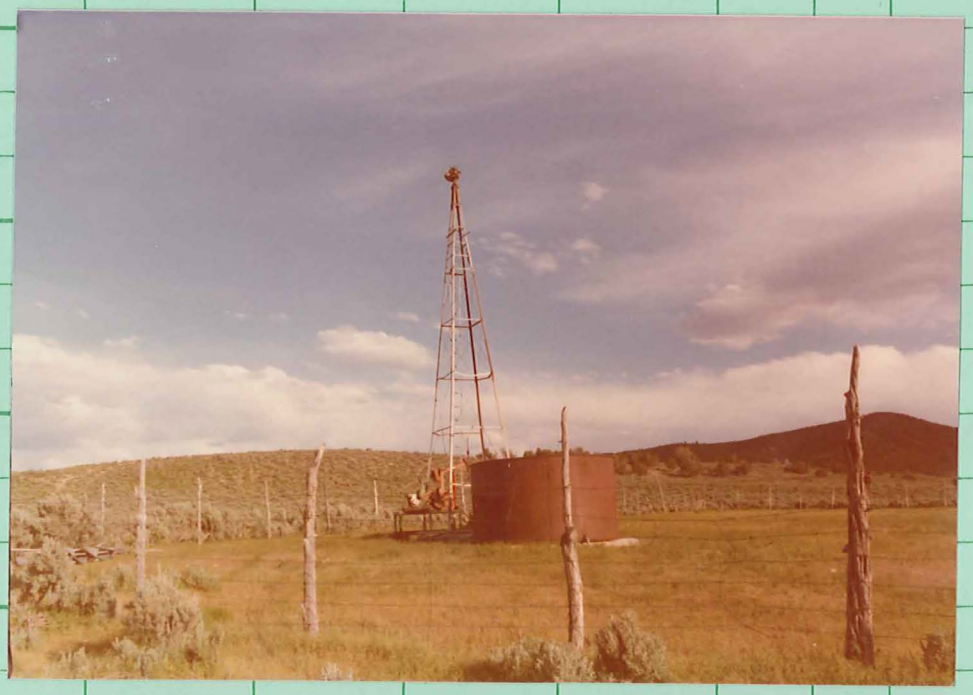

HOLE
0
10
20
30
40
50
60
DEPTH METERS
9
10
11
12
13
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{12.41 - 10.38}{47.5 - 7.5} \times 1000 = 50.75\ ^{\circ}C/Km$

M6 R2 F16

Date Logged: 6-12-78

ΔT Well No. 239

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						AIR	Qal - playa Seds
7.5		10.38					
			.54	54			
12.5		10.92					
			.56	56			
27.5		11.48					
			.51	51			
37.5		11.99					
			.42	42			
47.5		12.41					WT 55m
			.47	47			
57.5		12.88					



K=Conductivity

page ____ of ____

39.25°C/Km

AMAX EXPLORATION, INC. Q 1.4 MGB2F24 X

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ240

Property-Project 566 Depth Logged 90 m

Map ROBINSON Mtn 15' Scale 1:62,500 Date: Drilled _____ Logged 6-13-78

State NEV County ELKO, ____ of ____ of SW of SE of Sec 15 T 30N R 55E

Instrument DT101 Operator M. Gross Elevation 5660' (ft/m)

Comments Operational jack pump & motor - not running during probe

Card A

RT JUSTIFY	Proj No	Well No	DA	MO	YR	*
	566		13	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
	MG				

(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	15.	40.	15.	116.	0.0

Use decimals

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

Northing	Easting	Elev	
40.3	31.9	5660.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
30.0	90.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (End, K, ΔK)

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

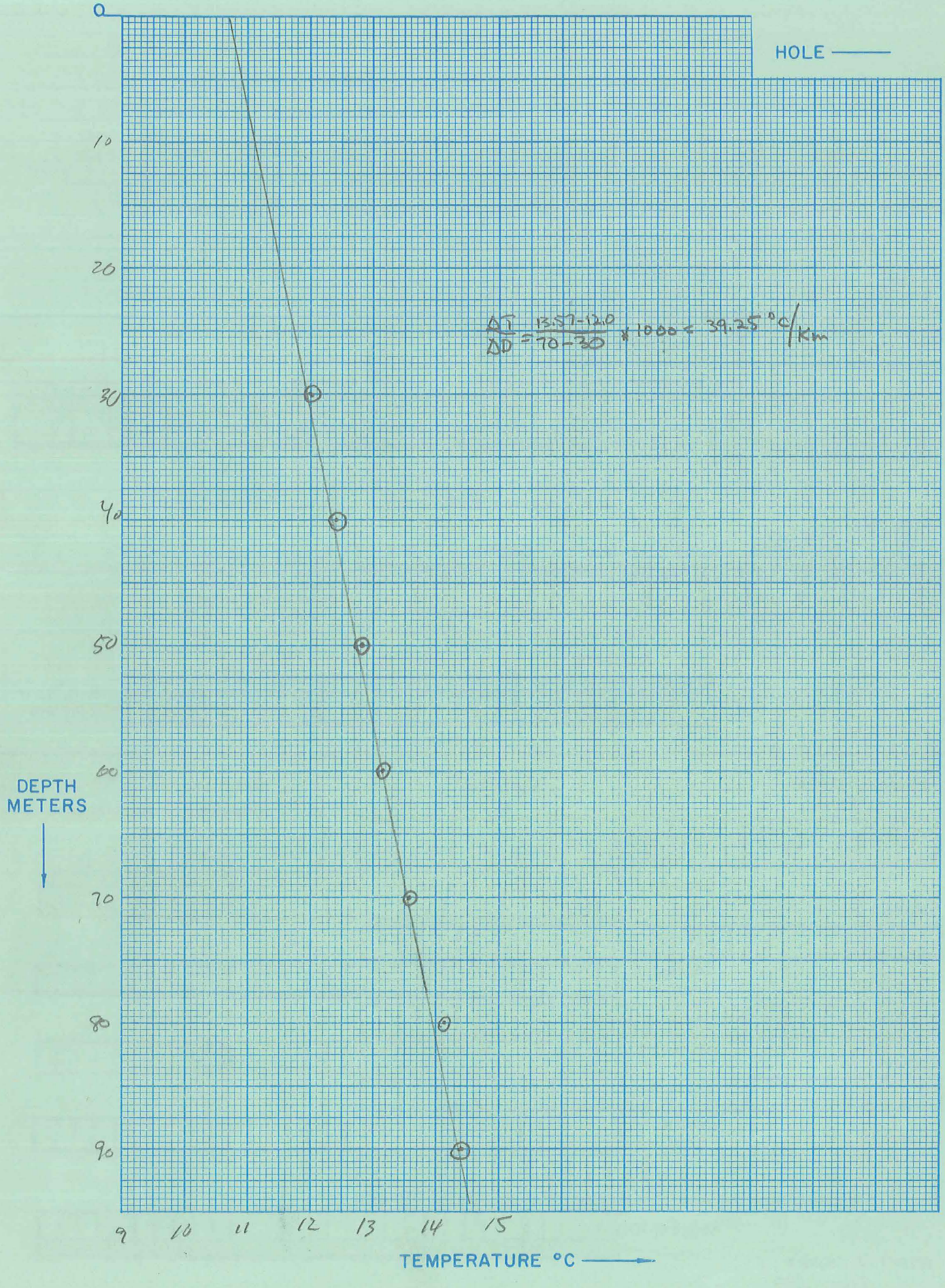
Segment 7 Start →

Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

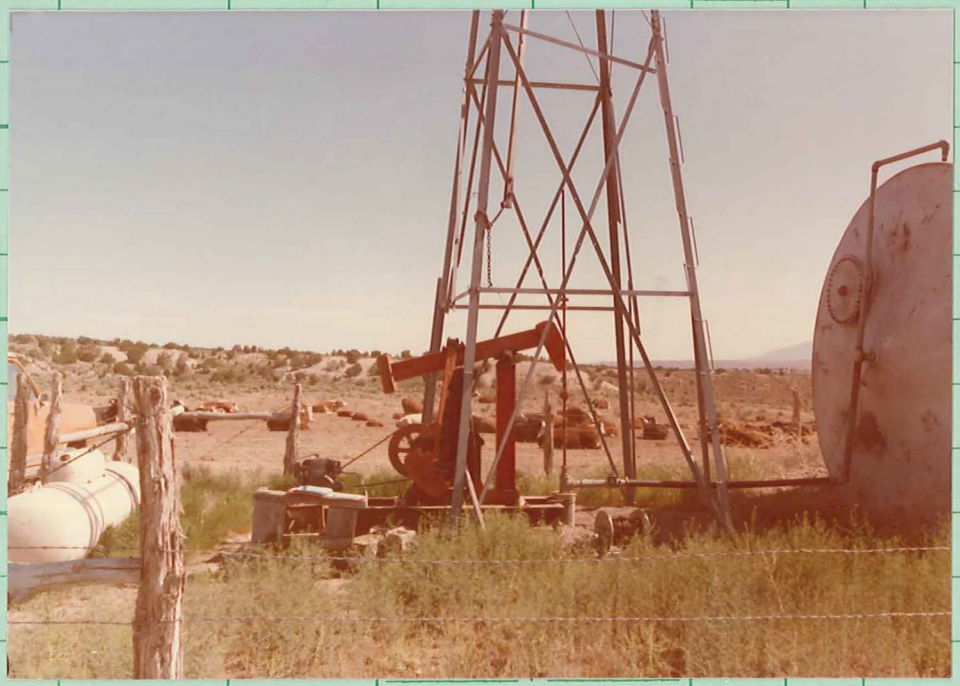
After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
DEPTH METERS
9
10
11
12
13
14
15
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{13.57-12.0}{70-30} \times 1000 = 39.25\ ^\circ C/Km$

MGR2F24

Date Logged: 6-12-78 ΔT Well No. 240

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						AIR	Qal
10							
20							
30		12.00					
			.40	40			
40		12.46					
			.42	42			
50		12.82					
			.31	31			
60		13.13					
			.44	44			
70		13.57					WT ~80 m
			.56	56		H_2O	
80		14.13					
			.26	26			
90		14.39					



K=Conductivity

page ____ of ____

88°C/Km

AMAX EXPLORATION, INC. Q3.1

TEMPERATURE/DEPTH LOG

MGRIF33 X

~~Δ239~~ Δ24

ΔT Well No. ~~Δ239~~

Property-Project 566 Depth Logged 160 m

Map Halleck 7.5' Scale 1:24,000 Date: Drilled _____ Logged 6-10-78

State Nev County ELKO, ____ of NE of NE of NE of Sec 26 T 36N R 58E

Instrument DT 101 Operator M-Gunn Elevation 5310 (ft m)

Comments Cased top open HILLTOP

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			
	566		11	6	78	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
	MG				

(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	40.	52.5	115.	30.	

Use decimals

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

Northing	Easting	Elev	
51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75	76 77 78 79 80
56.20	38.20	5310.	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
20.0	140.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (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)

Segment 3 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)

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)

Segment 5 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)

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)

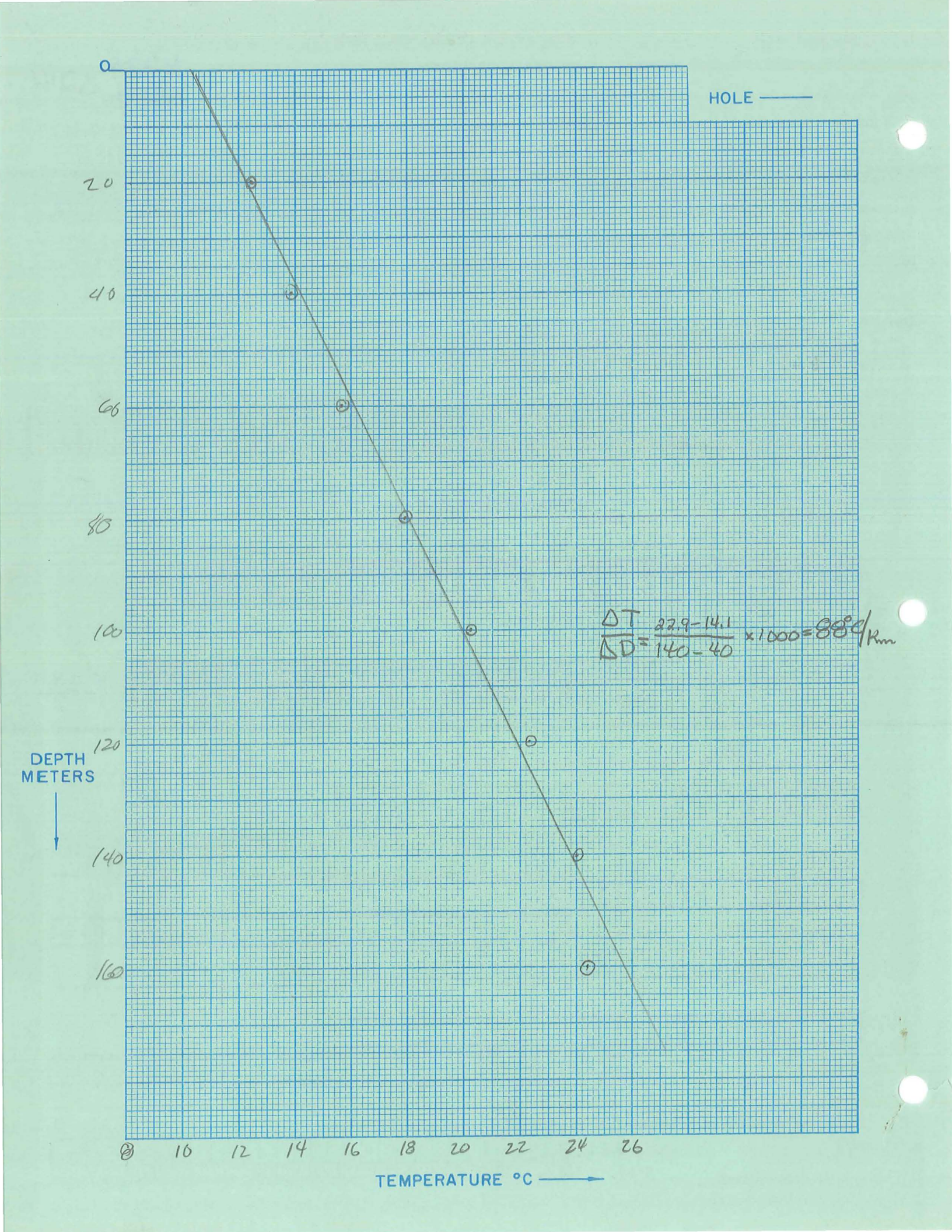
Segment 7 Start → (21 22 23 24 25 26 27 28 29 30 | 31 32 33 34 35 36 37 38 39 40 | 41 42 43 44 45 | 46 47 48 49 50)

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 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)

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
20
40
60
80
100
120
140
160
DEPTH METERS
8
10
12
14
16
18
20
22
24
26
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{22.9-14.1}{140-40} \times 1000 = 88°C/Km$

Date Logged: 6-10-78 ΔT Well No. 241

MGR1 F33

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Playa Sed.
20		12.41	1.42	71		—	W.T. 30 m
40		13.83	1.84	92		H_2O	
60		15.67	2.24	112			
80		17.91	2.3	115.0			
100		20.21	2.11	105.5			
120		22.32	1.68	84			
140		24.0	.4	20			
160		24.4				↓	too much cable was probably out

K=Conductivity

? 13°C/Km

AMAX EXPLORATION, INC. Q.5

TEMPERATURE/DEPTH LOG

MGR2 F2

Δ242

X

ΔT Well No. ~~Δ237~~

Property-Project 566 Depth Logged 32.5m

Map SOLDIER PEAK 7.5' Scale 1:24,000 Date: Drilled 1957 Logged 6-11-78

State NEV County ELKO, of NW of NE of SE of Sec 19 T 34N R 59E

Instrument DT101 Operator Im Gross Elevation 5676' (ft ~~m~~)

Comments OPERABLE WINDMILL. Appears to be still in service - not running at time of probe

Card A

RT JUSTIFY | Proj No | Well No | DA | MO | YR | *

566 | | | 11 | 6 | 78 | CM

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

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

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

mg

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 | 40. | 45. | 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

30.00 | 5.5 | 5676. | F

Write M if if meters

Use decimals

Segment 1 = Depths

Start | End | Conductivity K | ΔK

12.5 | 32.5 | -3.5 | -0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

End | K | ΔK

Segment 2 Start → .999

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

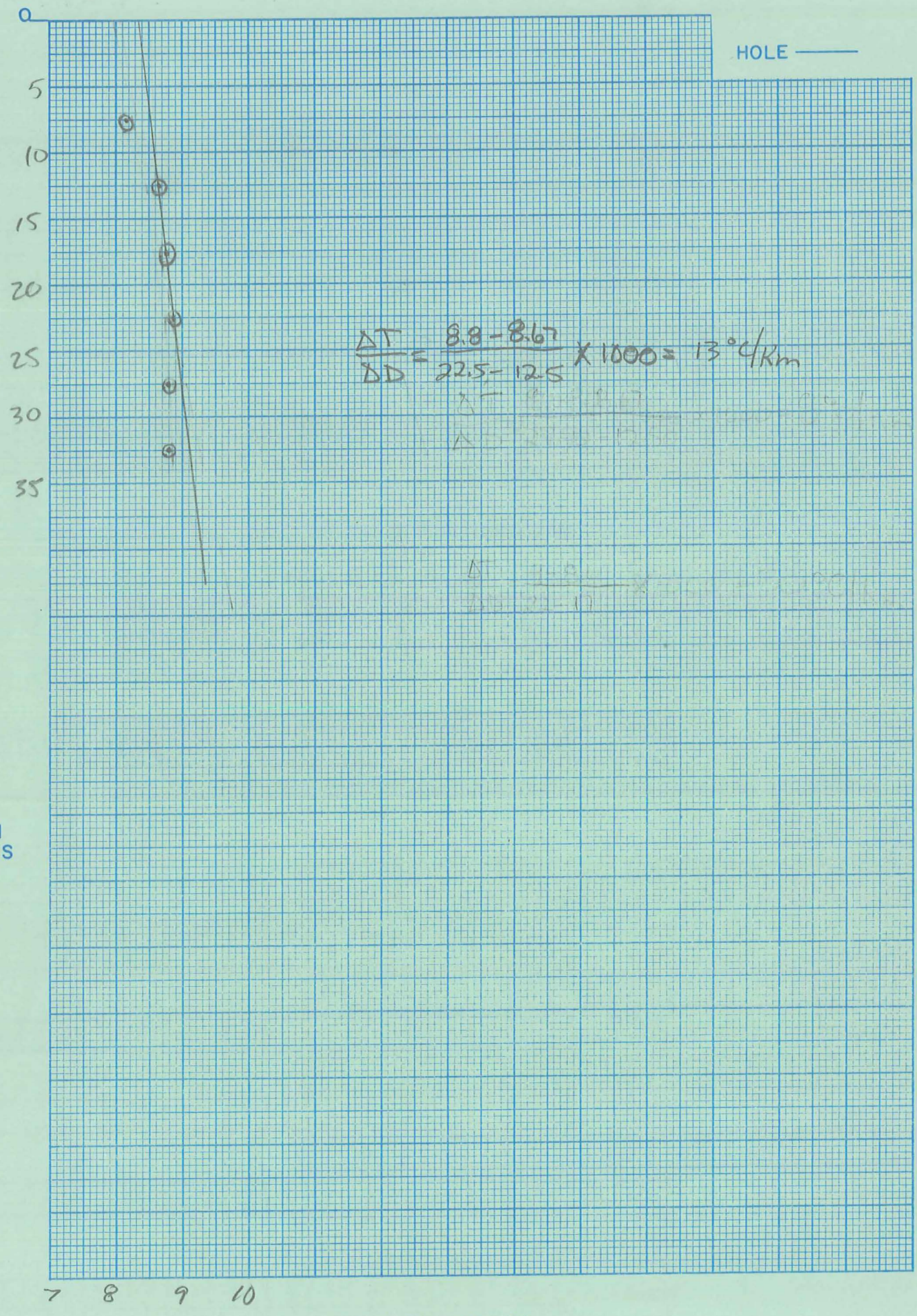
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
5
10
15
20
25
30
35
$\frac{\Delta T}{\Delta D} = \frac{8.8 - 8.67}{22.5 - 12.5} \times 1000 = 13\,^{\circ}C/Km$
DEPTH METERS
7
8
9
10
TEMPERATURE °C

MGR2F2

Date Logged: 6-1-78 ΔT Well No. 242

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Qal
2.5						↓	
7.5		8.17					WT ≈ 10m
12.5		8.67	.50	100		H_2O	
17.5		8.78	.11	22		↓	
22.5		8.87	.09	18			
27.5		8.79	-.08	-16			
32.5		8.80	+.01	2			

K=Conductivity

page ____ of ____

84°C/km

MGR2 F4

Δ243 X

AMAX EXPLORATION, INC. Q 2.9

TEMPERATURE/DEPTH LOG

ΔT Well No. ~~Δ234~~ ~~Δ233~~

Property-Project 566 Depth Logged 45m

Map HEELFLY CREEK 7.5' Scale 1:24,000 Date: Drilled ____ Logged 6-11-78

State NEV County ELKO , ____ of NW of NW of NE of Sec 31 T35N R 59E

Instrument DT 101 Operator M. Gross Elevation 5444' (ft/~~m~~)

Comments operational - not running at time of probe

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*
566		11	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 (64-65)	YR (67-68)
	MG/				

(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	40.	52.5	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)	(76-79)	80
2.9	4.7	5444.		F

Use decimals

80: Write M if if meters

Segment 1 = Depths

Start (21-30)	End (31-40)	Conductivity K (41-45)	ΔK (46-50)
10.0	45.0	-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 →

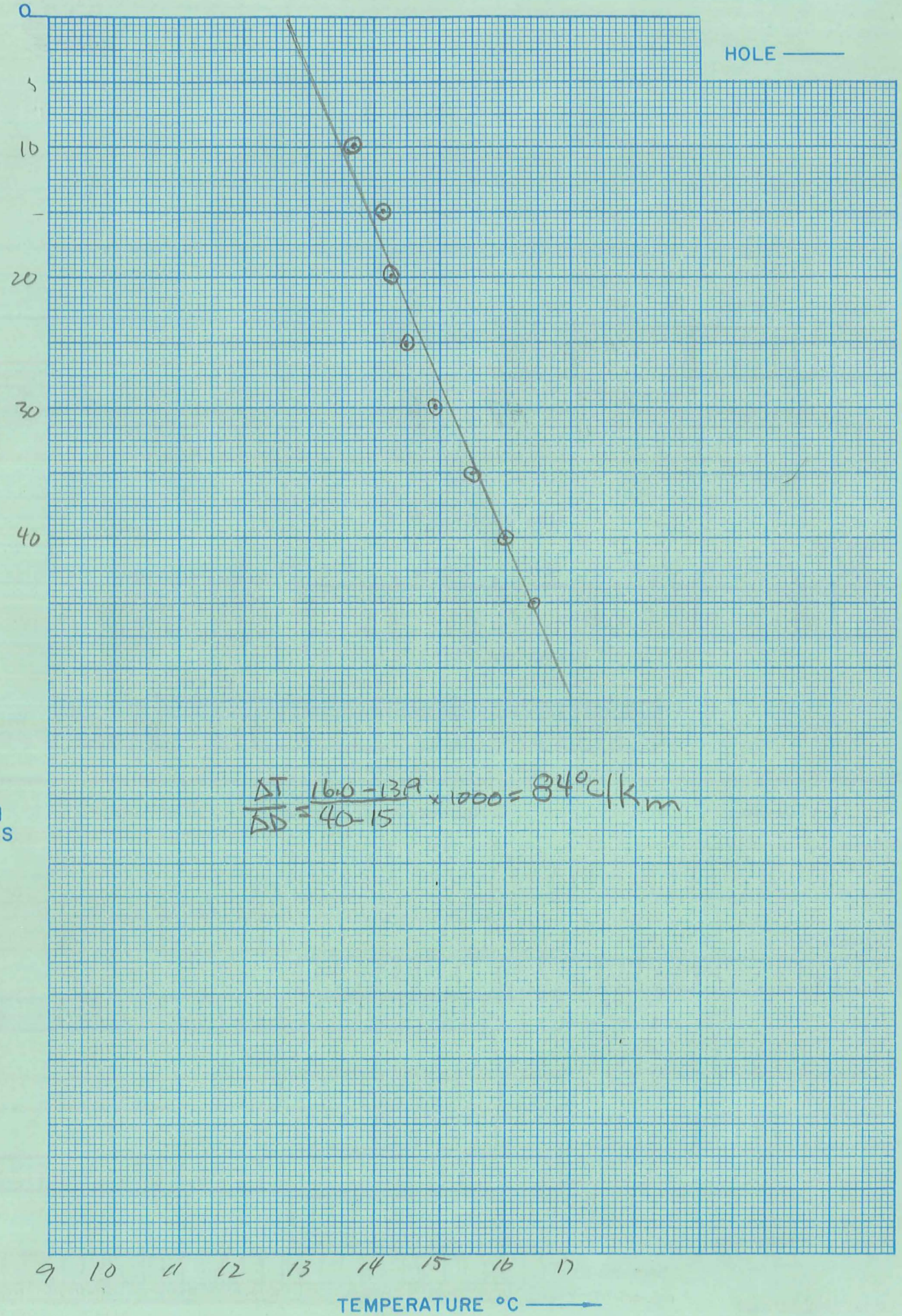
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
DEPTH METERS
9
10
11
12
13
14
15
16
17
TEMPERATURE °C
$\frac{\Delta T}{\Delta D} = \frac{16.0 - 13.9}{40 - 15} \times 1000 = 84°C/km$

MGR2F4

Date Logged: 6.11.78 ΔT Well No. 243

Bull Well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Playa Sed's
5							W.T. ~ 8 m.
10		13.69					
15		14.12	.43	86		H_2O	
20		14.27	.13	26		↓	
25		1449	.22	44			
30		14.91	.42	84			
35		15.50	.59	108			
40		16.0	.50	100			
45		16.42	.42	84			

K=Conductivity

159°C/Km

AMAX EXPLORATION, INC. Q 56

TEMPERATURE/DEPTH LOG

MG R2 F5 X

Δ244

ΔT Well No. ~~6234~~

Property-Project 566 Depth Logged 19 m

Map WELCOME 7.5' Scale 1:24,000 Date: Drilled _____ Logged 6-11-78

State NEV County ELKO , ____ of NE of NE of NE of Sec 1 T 37N R 61E

Instrument DT 101 Operator Migrom Elevation 5640' (ft ~~m~~)

Comments Hylton Well #1 → Submersible pump in well & operational

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
	5	6	6							1	1		6			7	8	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
																																	M	G	1															

(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
		C	M			7	.	5			4	1	.	0	0	0	.			1	1	5	.	1	3	7	.	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	7	.	2							3	5	.	6	5	5	6	4	0	.					F

Use decimals

← Write M if if meters

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
			9	.	0						1	9	.	0		-3	.	5		-0	.	5							

Segment 2 Start → .999 | 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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

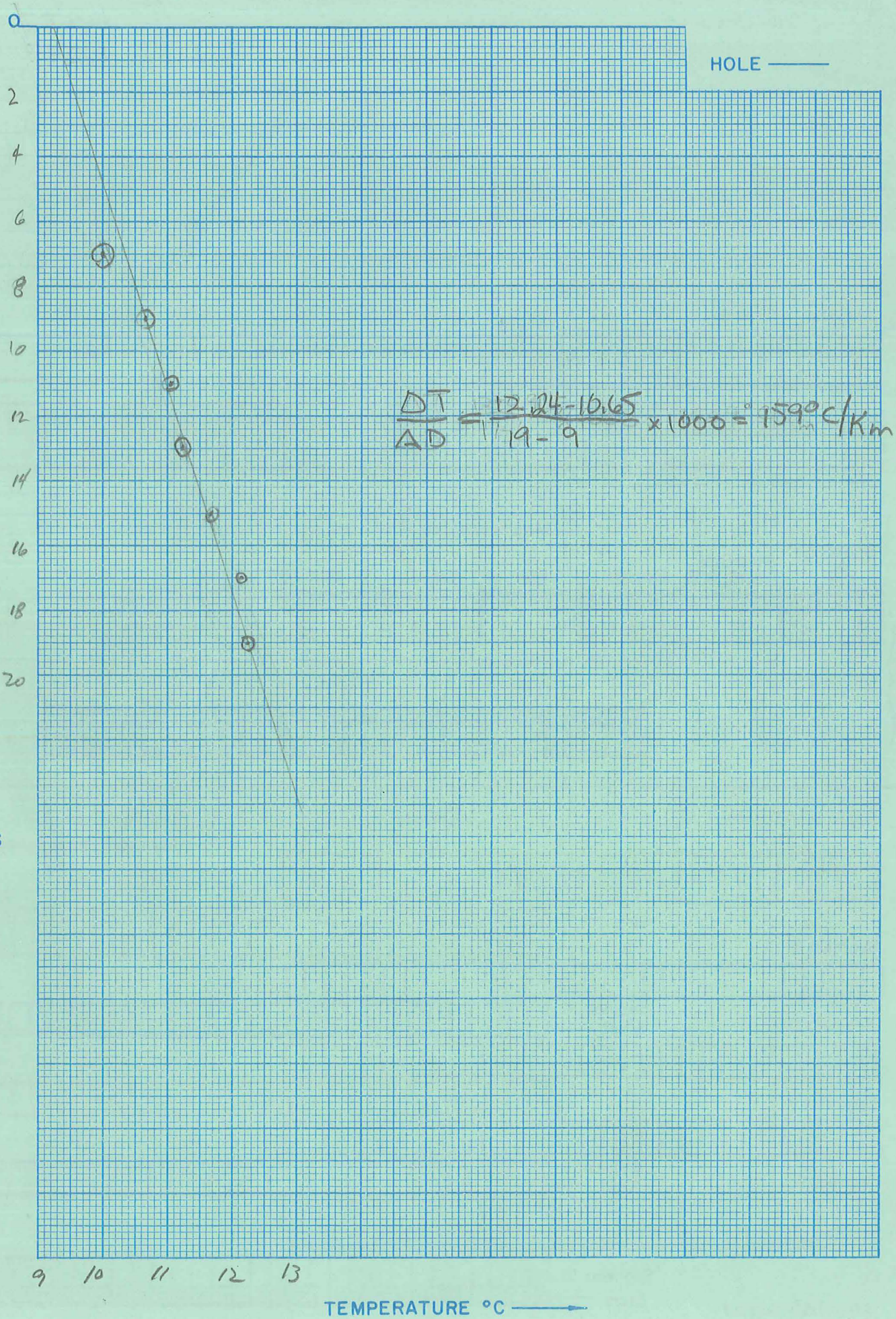
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999



$$\frac{\Delta T}{\Delta D} = \frac{12.24 - 10.65}{19 - 9} \times 1000 = 159^{\circ}C/Km$$

MGR2FS

Date Logged: 6-16-78 ΔT Well No. 244

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						AIR	Qal
3							
5							
7		10.00					
9		10.65	.65	325			
11		11.04	.39	195			
13		11.22	.18	90			
15		11.67	.45	225			WT – 16 m
17		12.12	.45	225		H_2O ↓	
19		12.24	.12	60			
							NOTE – significant needle drift on instrument

K=Conductivity

18°C/Km

AMAX EXPLORATION, INC. Q0.6

TEMPERATURE/DEPTH LOG

MG R2 F7

X

Δ245

ΔT Well No. ~~Δ235~~

Property-Project 566 Depth Logged 32.5 m

Map BLACK BUTTE 7.5' Scale 1:24,000 Date: Drilled _____ Logged 6-11-78

State NEV County ELKO, ____ of ____ of ____ of SW of Sec 8 T 39N R 61E

Instrument DT 101 Operator M. GROSS Elevation 5700' (~~ft~~ m)

Comments operational - mini Jack pump

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
		5	6	6						1	1			6		7	8	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
																																	M	G	/															

(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
		C	M				7	.	5			4	1	.		1	5	.			1	1	5	.			7	.	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
					1	3	.	8	0						4	.	0			5	7	0	0	.					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
			7	.	5						3	2	.	5						-	3	.	5	-	0	.	5	

Segment 2 Start → .999 | 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
			.	9	9	9																							

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

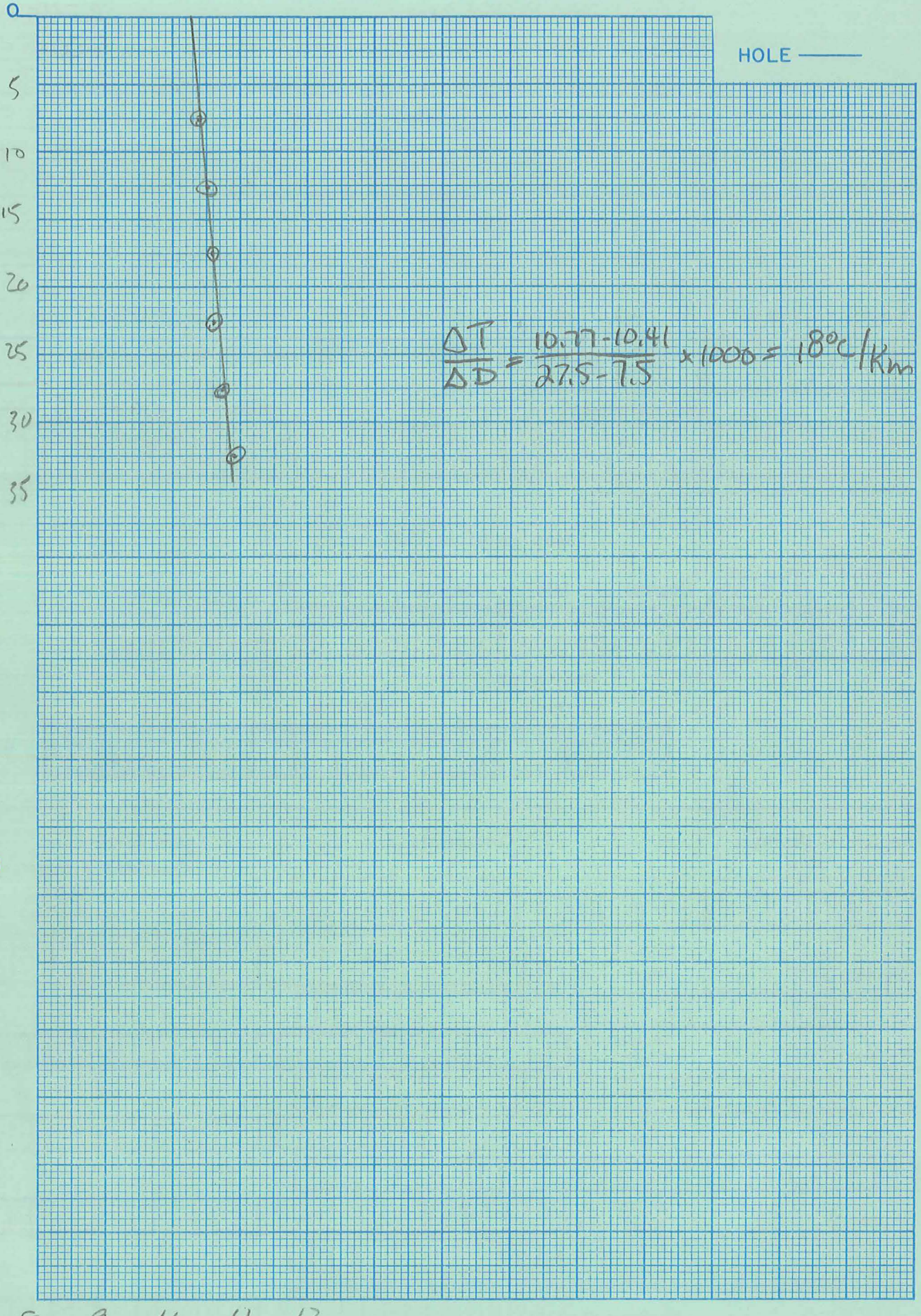
Segment 8 Start →

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
5
10
15
20
25
30
35
$\frac{\Delta T}{\Delta D} = \frac{10.77-10.41}{27.5-7.5} \times 1000 = 18°C/km$
DEPTH METERS
8
9
10
11
12
TEMPERATURE °C

M6R2F7

Date Logged: 6-11-78 ΔT Well No. 245

BLACK Butte Quad. Well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						H_2O	Qal
2.5							
7.5		10.41					
12.5		10.51	.10	20			
17.5		10.59	.08	16			
22.5		10.60	.01	2			Measured in water
27.5		10.77	.17	34			collumn of pump
32.5		10.90	.13	26			pipe

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. Q.5 MJ R II F13 ✓

TEMPERATURE/DEPTH LOG Δ248

ΔT Well No. GOICOECHEA WELL

Property-Project 566 Depth Logged 40m

Map BUCK MTN Scale 15' Date: Drilled ______ Logged 6/11/78

State NV County WHITE PINE, ____ of ____ of SW of NW of Sec 19 T 19N R 57E

Instrument DT 101 Operator MJ Elevation 5993 (ft/m)

Comments PUMP OF ANY KIND GONE, PIPES LEFT OPEN

Date Logged

RT JUSTIFY

Card A

Proj No	Well No	DA	MO	YR	*19	20
566		11	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	MO	YR
	MJ	/			

(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
CM	15.	39.	30.	115.	45.

Use decimals

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

Northing	Easting	Elev	80
0.3	19.8	5993.	F

Use decimals

Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
20.0	40.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start	End	K	ΔK
.999			

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

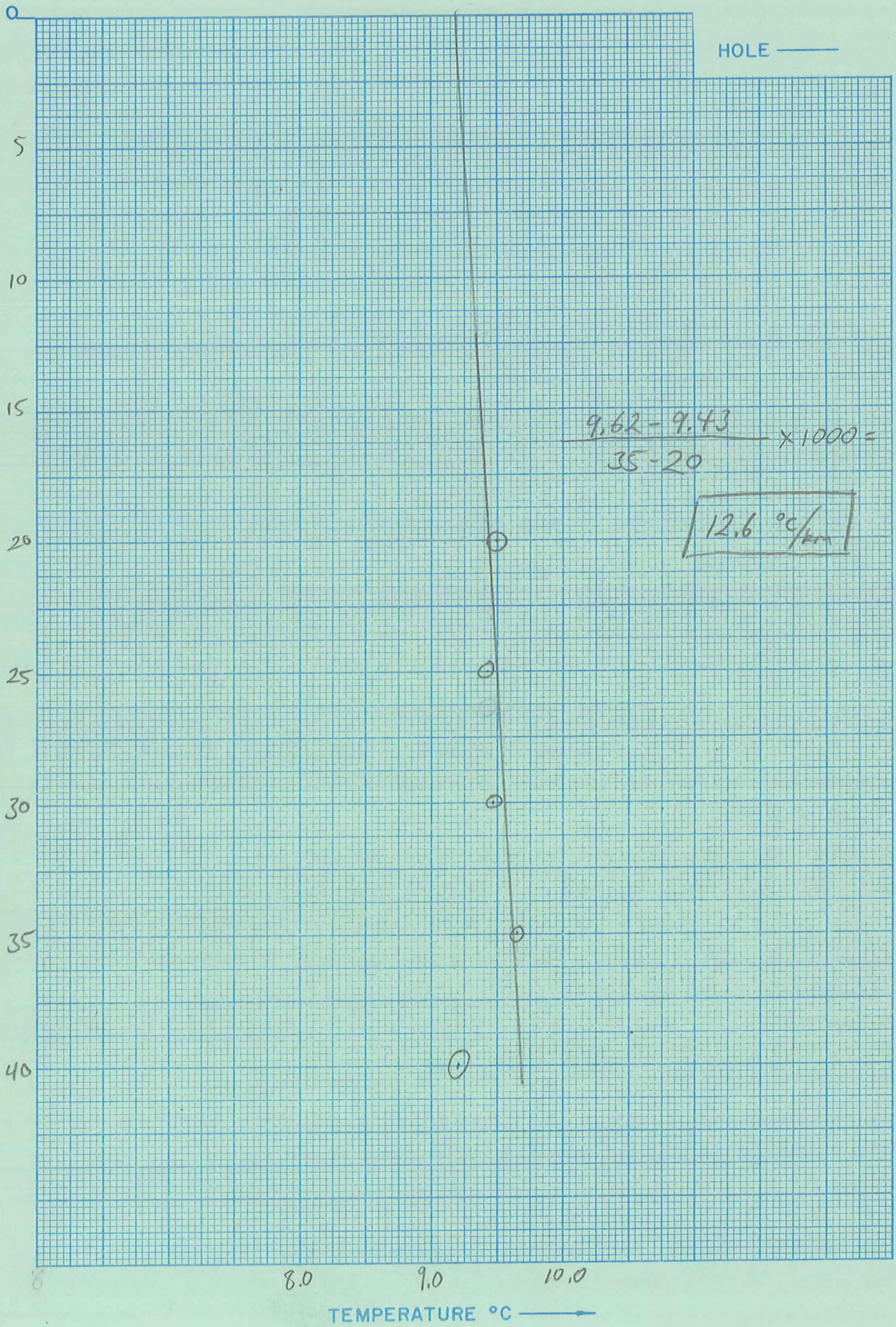
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
5
10
15
20
25
30
35
40
DEPTH METERS
8.0
9.0
10.0
TEMPERATURE °C
9.62 - 9.43 / 35 - 20 x 1000 =
12.6 °C/km

MJ RII F13 ✓

Δ248

Date Logged: 6/11/78

ΔT Well No. GOLCOECHEA WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal
5							
10							
15							
20		9.50					
25		9.44	-.06	-6			
30		9.47	.03	3		AIR	
35		9.66	.19	19		↓	5m
40		9.21	-.45	-90		H_2O	

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. Q 1.3 MJ R11 F15

TEMPERATURE/DEPTH LOG

Δ249

ΔT Well No. SILVERADO

Property-Project 566 Depth Logged 40m

Map PINTO SUMMIT Scale 15' Date: Drilled _____ Logged 6/11/78

State NV County WHITE PINE , ____ of ____ of NE of NE of Sec 30 T 18N R 55E

Instrument DT 101 Operator MJ Elevation 5950 (ft / m)

Comments OLD FAIRBANKS, MORSE & CO. PUMP, BELT DRIVE NOT WORKING

Card A

RT JUSTIFY

Proj No	Well No	Date Logged DA	MO	YR	*
566		11	6	78	CM

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

Site Description	Operator	Editor	Drilled DA	MO	YR
	MJ				

(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	15.	39.	16.	116.	000.	

Use decimals

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

Northing	Easting	Elev	
27.9	25.2	5950.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
16.0	36.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (End / K / ΔK)

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

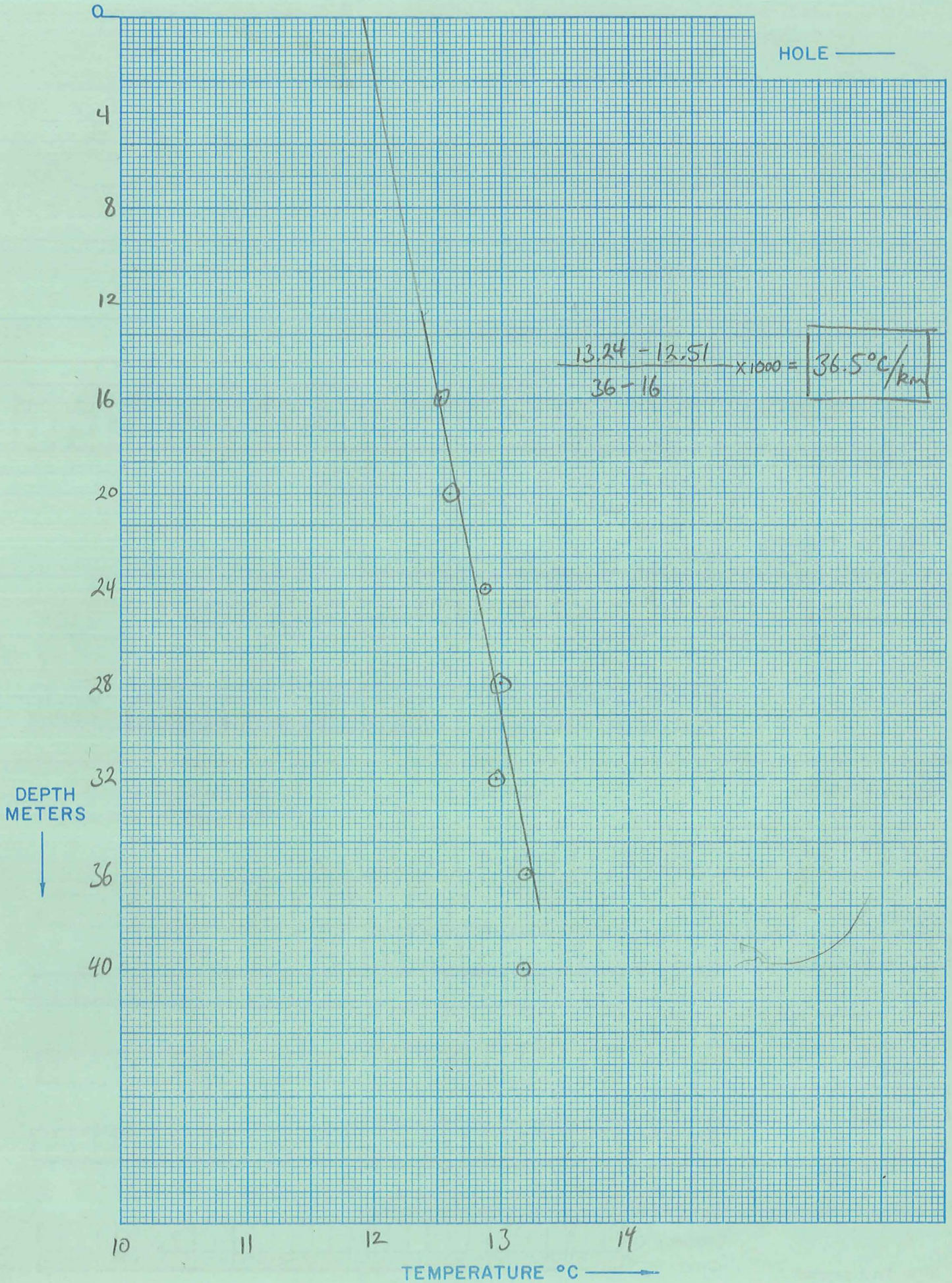
Segment 7 Start →

Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

After final segment Start = .999


HOLE
0
4
8
12
16
20
24
28
32
36
40
DEPTH METERS
10
11
12
13
14
TEMPERATURE °C
$\frac{13.24 - 12.51}{36 - 16} \times 1000 = \boxed{36.5\,°C/km}$

MJ RII FIS

Δ249

Date Logged: 6/11/78

ΔT Well No. SILVERADO

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal
16		12.52				H_2O	NEW CASTEAT
			.08	20.0			
20		12.60					12.74 .20
			.27	67.5			
24		12.87					12.94 .10
			.13	32.5			
28		13.00					13.04 .04
			-.03	-7.5			
32		12.97					13.10
			.23	57.5			
36		13.20					
			-.03	-7.5			
40		13.17					

K=Conductivity

AMAX EXPLORATION, INC. MJ RIFIT

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ250

Property-Project 566 Depth Logged Jon

Map MOODY PEAK Scale 15 Date: Drilled Logged 6/12/78

State NV County EUREKA, of of of NW of Sec 20 T 16N R 54E

Instrument DT 101 Operator MJ Elevation 6020 (ft / m)

Comments PLOTTED ON PINTO SUMMIT 15' MAP, JUST OFF SOUTHERN END

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
		5	6	6														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
																																		M	J	/													

(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			1	5	.			3	9	.	0	0	0	.			1	1	6	.	0	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
					4	4	.	1								1	1	.	0		6	0	2	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
			1	8	.							2	4	.															

Best cond. (-K)

Downward extrapolations (- Δ K)

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
			2	4	.							2	8	.						−	3	.	5		−	0	.	5	

Segment 3: .999

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

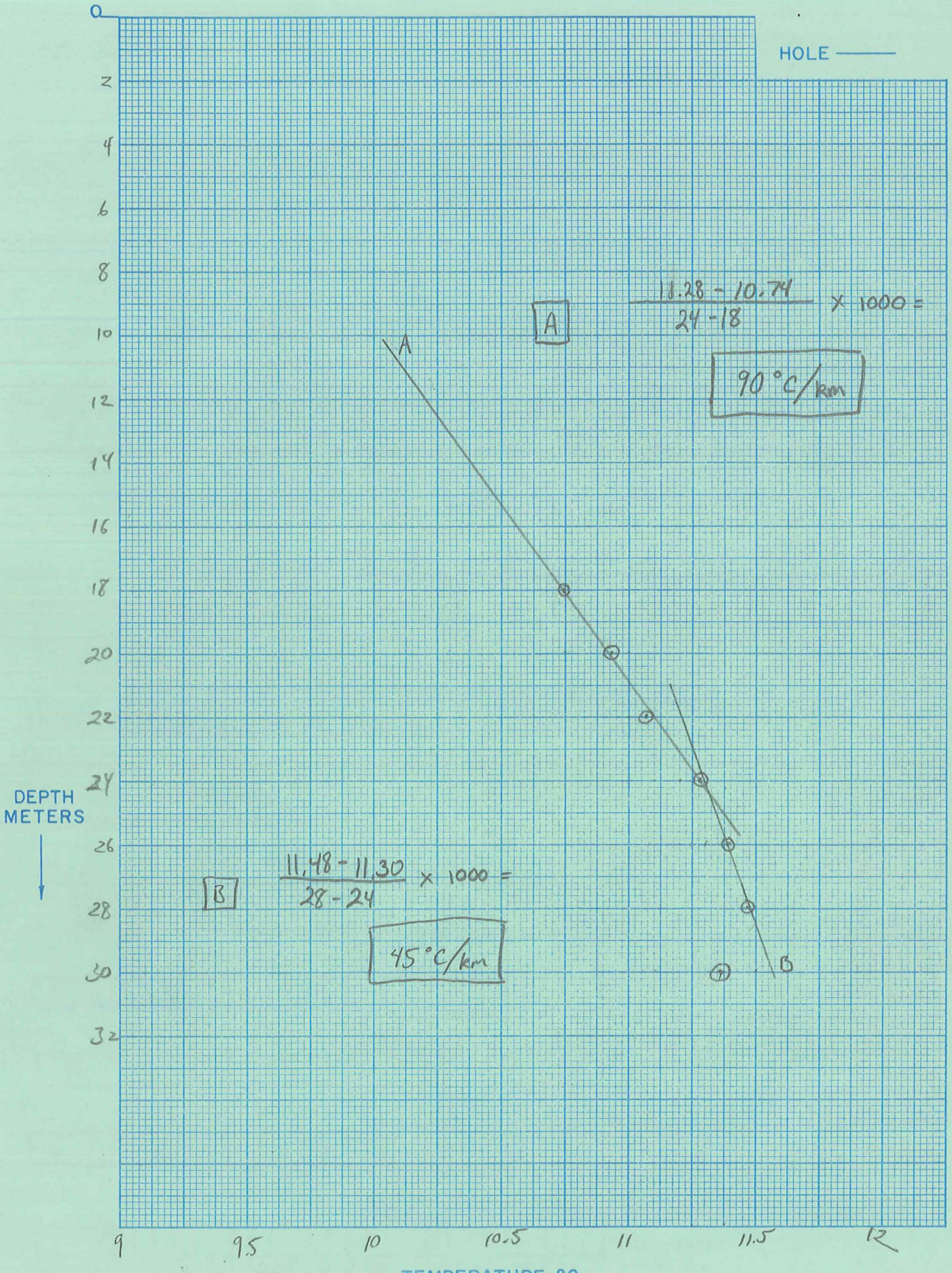
Segment 8 Start →

Segment 9

Segment 10 Start →

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
DEPTH METERS
TEMPERATURE °C
A
B
[A] 11.28 - 10.74 / 24 - 18 × 1000 =
90 °C/km
[B] 11.48 - 11.30 / 28 - 24 × 1000 =
45 °C/km

MJ RII F17

Date Logged: 6/12/78

ΔT Well No. Δ250

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						AIR	Qal
18		10.74				H_2O	
20m		10.93	.19	95		↓	
22		11.07	.14	70			
24		11.28	.21	105			
26		11.39	.11	55			
28		11.46	.07	35			
30		11.37	-.09	-45			

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. Q.7 MJ RIIF21

TEMPERATURE/DEPTH LOG

WINDFALL MINE

ΔT Well No. Δ251

Property-Project 566 Depth Logged 60m

Map PINTO SUMMIT Scale 15 Date: Drilled _____ Logged 6/12/78

State NV County EUREKA, ___ of ___ of ___ of ___ of Sec ___ T 18N R 53E

Instrument DT 101 Operator MJ Elevation 8090 (ft / m)

Comments WINDFALL MINE - LOC: 3 MILES W of PINTO SUMMIT

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
	5	6	6							1	2			6		7	8	C	M

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

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
Site Description																														Operator					Editor							DA			MO			YR		
																														M	J	/															

(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			1	5	.			3	9	.			1	5	.			1	1	6	.	0	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
					3	4	.	6								2	.	4		8	0	9	0	.					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
			2	0	.						5	5	.	0						−	9	.	0		−	0	.	5

Segment 2 Start → .999 (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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

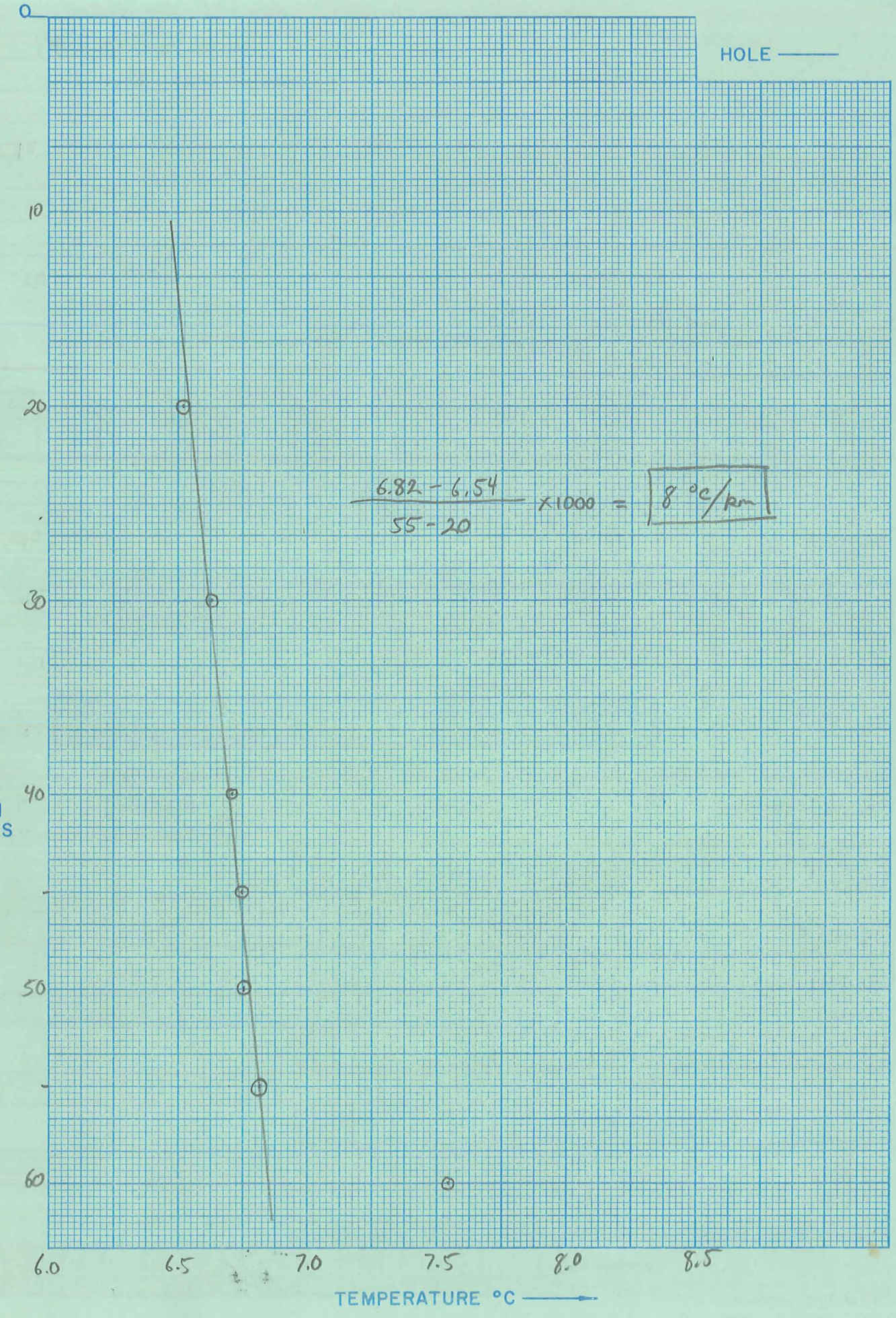
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
DEPTH METERS
6.0
6.5
7.0
7.5
8.0
8.5
TEMPERATURE °C
$\frac{6.82 - 6.54}{55 - 20} \times 1000 = \boxed{8\ °C/km}$

MJ RII F21 ✓

Date Logged: 6/12/78

ΔT Well No. Δ251

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							- DRILLED IN HAMBURG
10							DOLOMITE (SOURCE OF
20		6.52					DISSEMINATED GOLD BEING
			.11	11			MINED AT WINDFALL)
30		6.63					- BOTTOMS OUT IN
			.08	8			DUNDERBURG SHALE
40		6.71					
45		6.75	.04	8			
50		6.76	.01	2			
55		6.82	.06	12			
60		7.54	.72	144			

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

MJ RII F25
Δ253

ΔT Well No. CARIBOU HILL

Property-Project 566 Depth Logged 120 m

Map EUREKA Scale 15 Date: Drilled _____ Logged 6/13/78

State NV County EUREKA , ____ of ____ of ____ of ____ of Sec ____ T ____ R ____

Instrument DT 101 Operator MJ Elevation 6760 (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
		3	6	6						1	3			6		7	8	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
																																	M	J														

(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
	C	M			1	5	.				3	9	.		3	0	.			1	1	6	.	0	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	.	4								2	.	5			6	7	6	0	.					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
			2	0	.	0				1	0	0	.	0						−	1	0	.	0	−	1	.	0	

Segment 2 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
			.	9	9	9																							

Segment 3 Start →

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

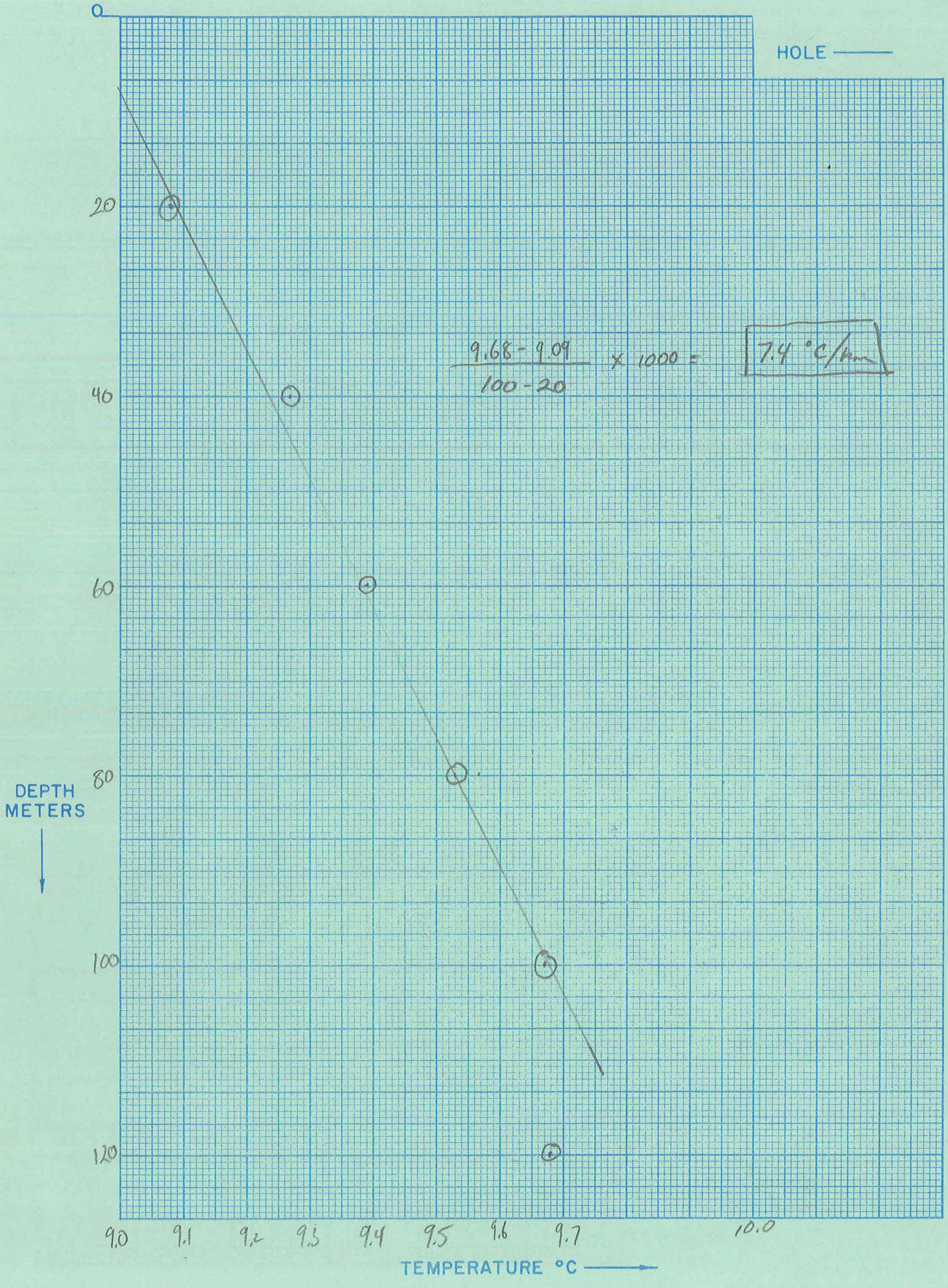
Segment 8 Start →

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


0
20
40
60
80
100
120
HOLE
DEPTH METERS
9.0
9.1
9.2
9.3
9.4
9.5
9.6
9.7
10.0
TEMPERATURE °C
$\frac{9.68 - 9.09}{100 - 20} \times 1000 =$ 7.4 °C/km

MJ RII F25 ✓
Δ253

Date Logged: 6/13/78

ΔT Well No. CARIBOU HILL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							QUARTZITE BRECCIA
20		9.08					
			.19	9.5			
40		9.27					
			.12	6			
60		9.39					
			.14	7.00			
80		9.53			H_2O	H_2O	
			.14	7.00			
100		9.67					
			.01	.5			
120		9.68					ON BOTTOM ?

K=Conductivity

AMAX EXPLORATION, INC. Q43 MJ RII F26

TEMPERATURE/DEPTH LOG

Δ254

ΔT Well No. Arrows Wire

Property-Project 566 Depth Logged 32m

Map Bellevue Peak Scale 15' Date: Drilled _____ Logged 6/13/78

State NV County EUREKA, ___ of ___ of SW of SE of Sec 34 T 16N R 51E

Instrument DT 101 Operator MJ Elevation 6320 (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
	5	6	6							1	3			6		7	8	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
																																			M	J												

(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			1	5	.			3	9	.		1	5	.		1	1	6	.		1	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
					2	4	.	1							4	.	8	5	6	5	2	0	.					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
			1	7	.	0					3	2	.	0						−3	.	5		−0	.	5		

Segment 2 Start → .999 (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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

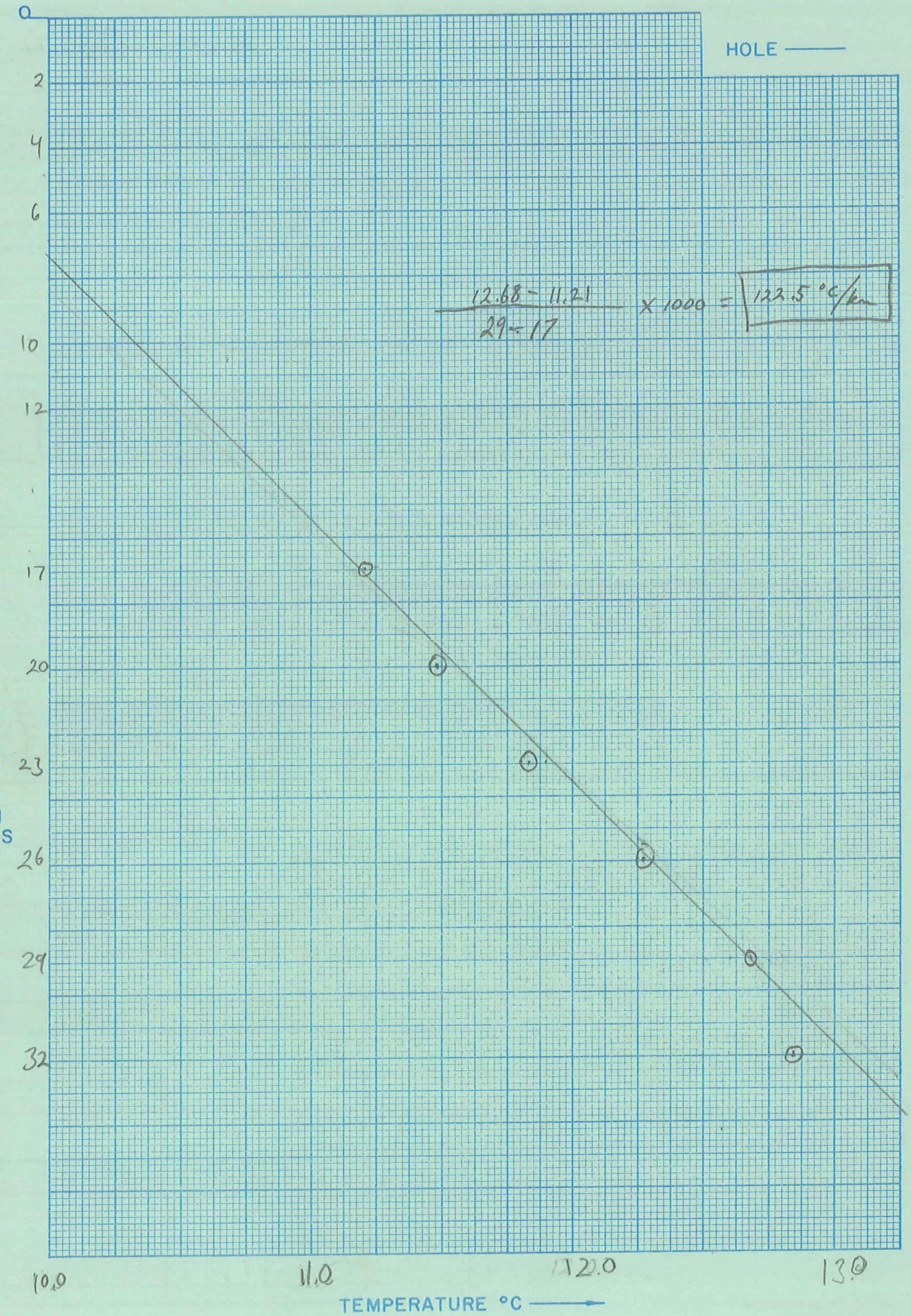
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
2
4
6
10
12
17
20
23
26
29
32
DEPTH METERS
10.0
11.0
12.0
13.0
TEMPERATURE °C
$\frac{12.68 - 11.21}{29 - 17} \times 1000 = 122.5\ °C/km$

MJ RII F26
Δ254

Date Logged: 6/13/78

ΔT Well No. Arrow's Well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal
17		10.21					
			.27	89.9			
20		11.48					
			.35	116.5			
23		11.83					
			.44	146.5			
26		12.27					
			.41	136.5			
29		12.68					
			.14	46.6			
32		12.82					

81
81
81
8991

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

MJ RIIF27

Δ255

ΔT Well No. WATER TANK

Property-Project 566 Depth Logged 35m

Map BELLEVUE PEAK Scale 15' Date: Drilled _____ Logged 6/13/78

State NV County EUREKA, ____ of ____ of ____ of ____ of Sec ____ T 17N R 51E

Instrument DT 101 Operator MJ Elevation 6380 (ft / m)

Comments APPROX. LAT. 39°20' LONG. 116° 13'

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
		5	6	6						1	5			6			78	C	M

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

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
Site Description																														Operator					Editor					DA		MO		YR			
																														MJ																	

(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		1	5	.			3	9	.		1	5	.		1	1	6	.		1	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
					1	5	.	5								4	.	0		6	3	6	0	.					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
				1	5	.	0				3	1	.	0			-	3	.	5		-	0	.	5				

Segment 2 Start → .999 | 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
				.	9	9	9																						

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

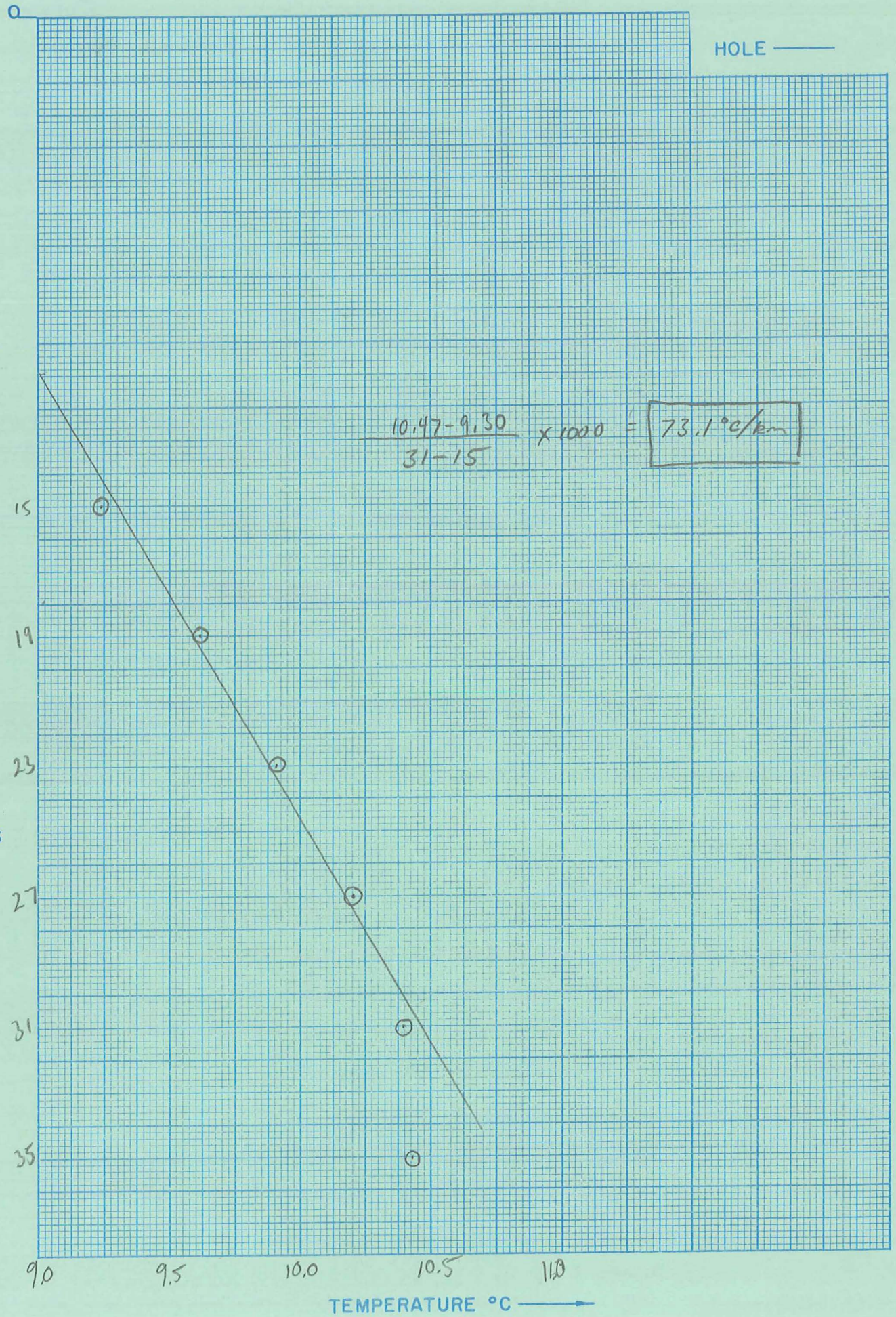
Segment 7 Start →

Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

After final segment Start = .999


0
HOLE
15
19
23
27
31
35
DEPTH METERS
9.0
9.5
10.0
10.5
11.0
TEMPERATURE °C
$\frac{10.47-9.30}{31-15} \times 1000 = \boxed{73.1\ °C/km}$

MJR II F27
Δ255

Date Logged: 6/15/78

ΔT Well No. WATER TANK

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal
15		9.23					
			.39	97.5			
19		9.62				AIR	
			.29	72.5			
23		9.91					
			.29	72.5			
27		10.20				—	7m
			.19	47.5			
31		10.39				H_2O	
			.04	10			
35		10.43					

K=Conductivity

AMAX EXPLORATION, INC. Q 5

MJ RII F28

TEMPERATURE/DEPTH LOG

Δ256

ΔT Well No. 3C WELL

Property-Project 566 Depth Logged 25m

Map BELLEVUE PK Scale 15 Date: Drilled _____ Logged 6/13/78

State NV County EUREKA , ___ of ___ of ___ of ___ of Sec ___ T 17N R 57E

Instrument DT101 Operator MJ Elevation 6411 (ft m)

Comments LAT. ~ 39° 18.5' LONG. 116° 13'

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
	5	6	6							1	3		6			7	8	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
																																			M	J												

(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			1	5	.			3	9	.		1	5	.		1	1	6	.		1	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
					1	1	.	0					3	.	6					6	4	1	1	.					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
			1	5	.	0				2	5	.	0							-	3	.	5		-	.	5		

Segment 2 Start → .999 (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
	.	9	9	9																									

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

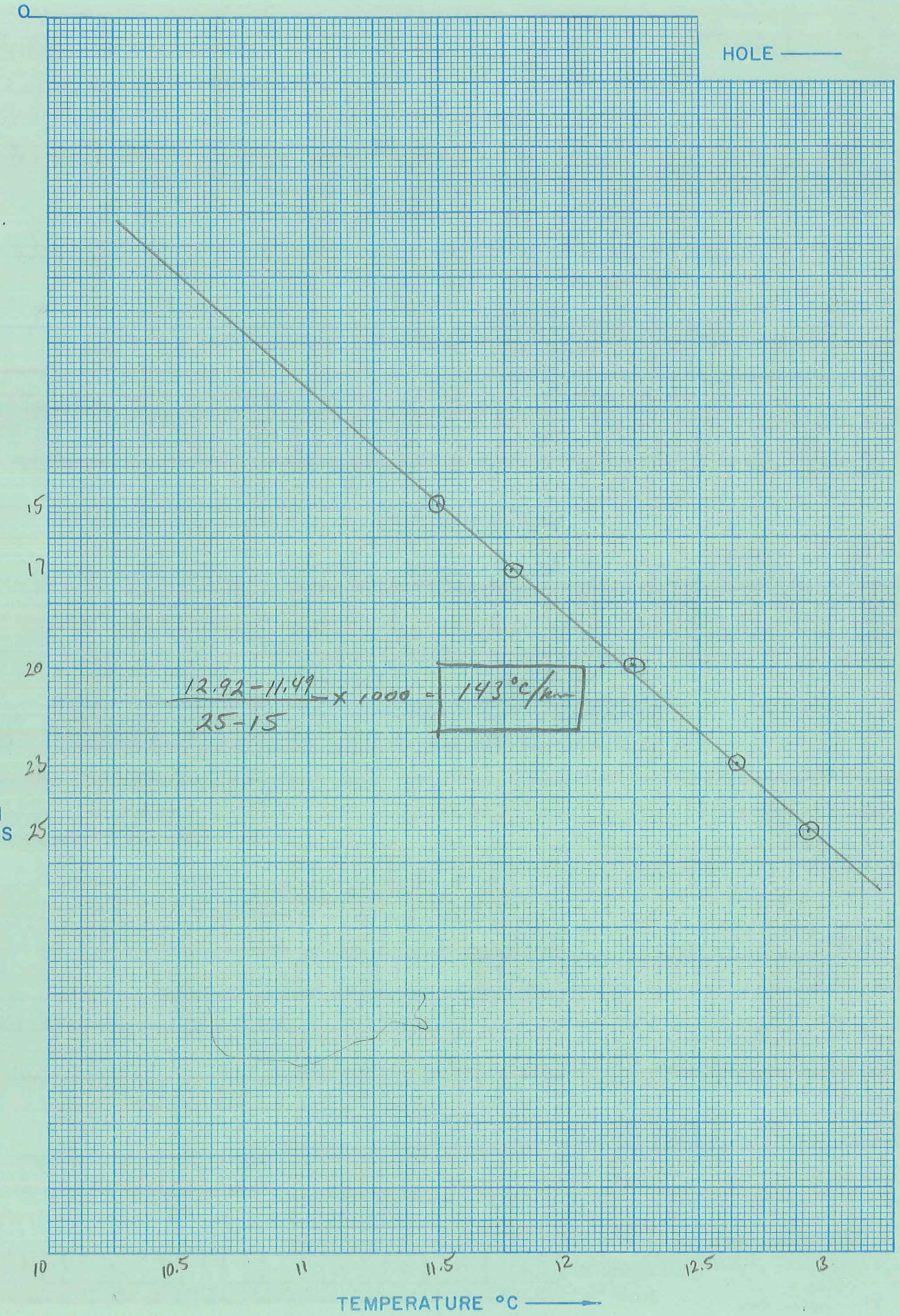
Segment 7 Start →

Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

After final segment Start = .999


0
HOLE
15
17
20
23
25
DEPTH METERS
10
10.5
11
11.5
12
12.5
13
TEMPERATURE °C
12.92 − 11.49 / 25 − 15 × 1,000 = 143 °C/km

MJ RII F 28 ✓

Date Logged: 6/12/78

ΔT Well No. Δ256 3C well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Q_{al}
15		11.49				↑	
17		11.78	.29	145			
20		12.25	.47	156.5		Air	- ALONG FAULT TRACE
23		12.64	.39	129.9			- POSSIBLE FAULTING OF
25		12.92	.28	140		↓	FAN IN RECENT PAST

141
141
141
1565 1

117
117
117
129.87

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. Q2.1

TEMPERATURE/DEPTH LOG

MJ RII F29

Δ257

ΔT Well No. MINE WELL

Property-Project 566 Depth Logged 100 m

Map BELLEVUE PEAK Scale 15' Date: Drilled _____ Logged 6/13/78

State NV County EUREKA, ____ of ____ of ____ of ____ of Sec ____ T17N R52E

Instrument DT 101 Operator MJ Elevation 6560 (ft / m)

Comments DID NOT REACH BOTTOM -

Card A

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

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

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

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
Site Description																														Operator					Editor					DA			MO			YR		
																														M	S																

(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	1 5 .	3 9 .	1 5 .	1 1 6 .	1 5 .	

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

Use decimals

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	9	.	0							1	2	.	0		6	5	6	0	.					F
Northing										Easting										Elev									

← Write M if if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
20.0	100.0	-4.0	-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 →

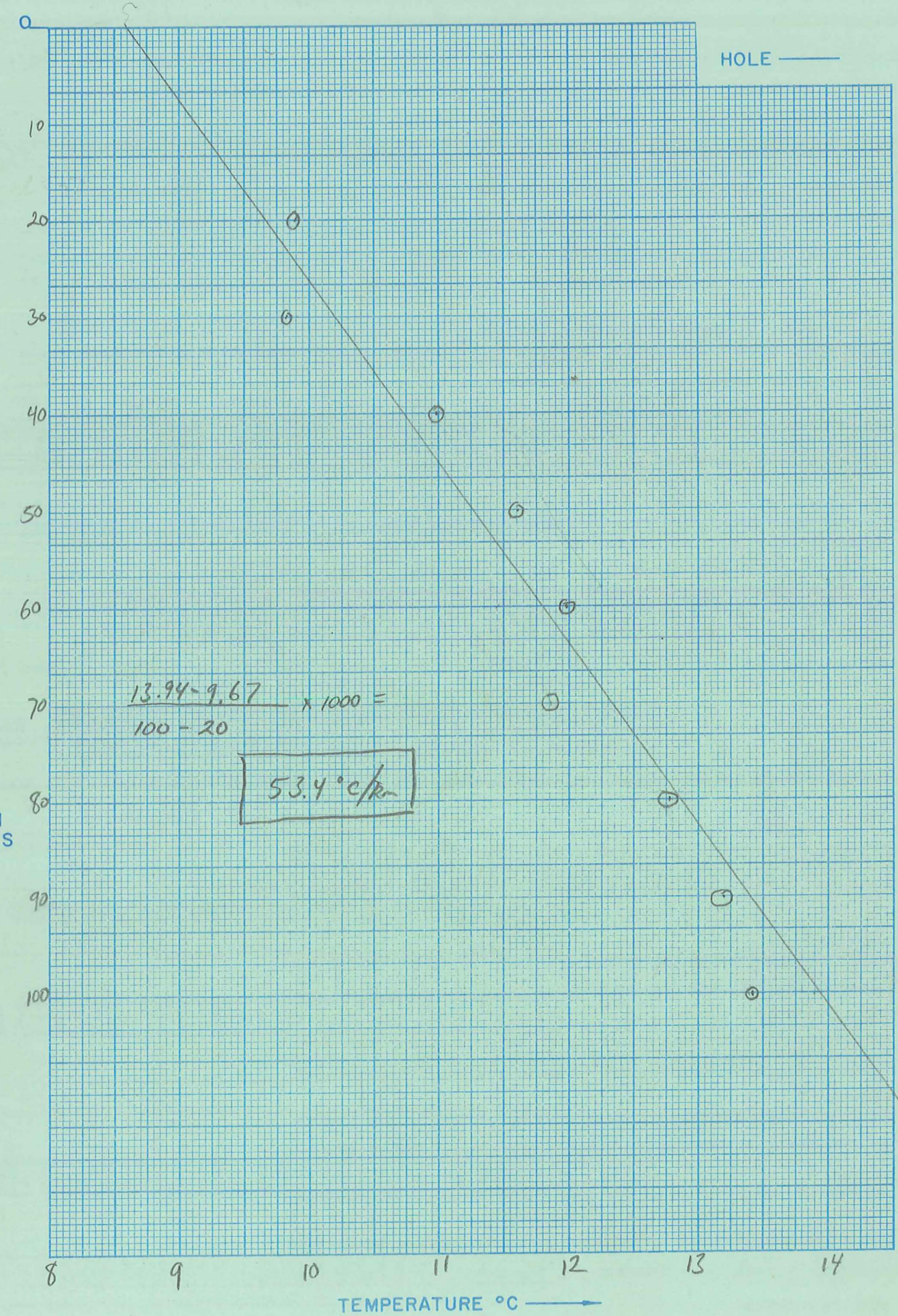
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
100
DEPTH METERS
8
9
10
11
12
13
14
TEMPERATURE °C
13.94 - 9.67 / 100 - 20 x 1000 =
53.4 °c/km

MJ RII F29
Δ257

Date Logged: 6/13/78

ΔT Well No. MINE WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal - VERY
0							CLOSE TO MOUNTAIN
							FRONT. LOCATED IN
20		9.89					DISSECTED ALLUVIAL
30	ASSUMED OK.	9.82	-.07	-7			FANS.
40		10.98	1.16	116			
50		11.61	.63	63			DID NOT REACH BOTTOM
60		11.98	.37	37			
70		11.86	-.12	-12			
80		12.78	.92	92			
90		13.20	.42	42			
100m		13.43	.23	23			

K=Conductivity

AMAX EXPLORATION, INC. Q1,2 MJ RII F 80

TEMPERATURE/DEPTH LOG

Δ258

ΔT Well No. DRY LAKE

Property-Project 566 Depth Logged 80m

Map BELLEVUE PEAK Scale 15' Date: Drilled _____ Logged 6/13/78

State NV County EUREKA, ____ of ____ of ____ of ____ of Sec ____ T 19N R 52E

Instrument DT 101 Operator MJ Elevation 7220 (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
	5	6	6							1	3			6		7	8	C	M

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

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
Site Description																														Operator					Editor					DA		MO		YR			
																														M	J																

(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			1	5	.				3	9	.		1	5	.			1	1	6	.		1	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
					3	9	.	4	5						2	0	.	6		7	2	2	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
			3	0	.	0					8	0	.	0						-	4	.	0		-	0	.	5		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | 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
.	9	9	9																										

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

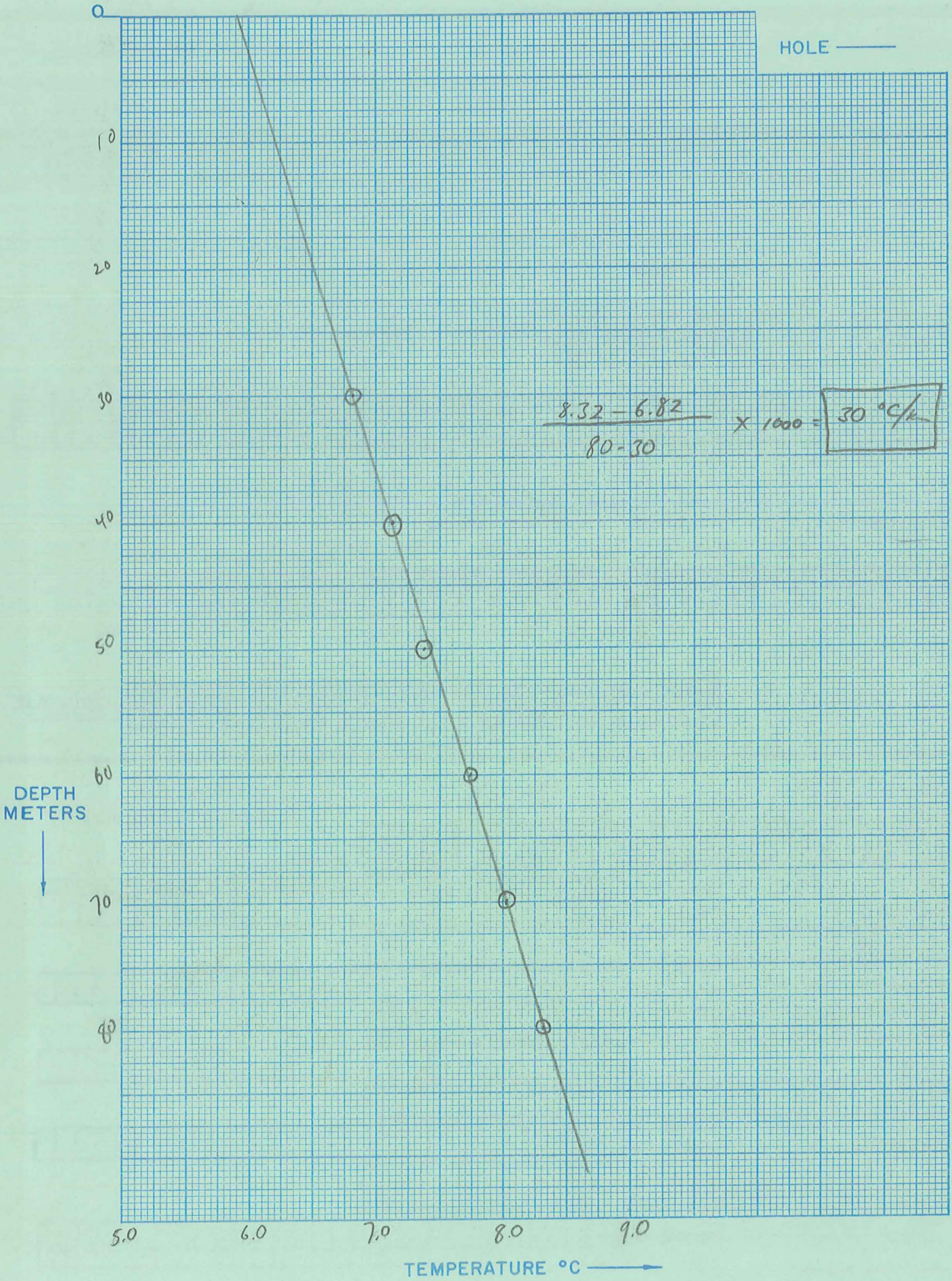
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
DEPTH METERS
5.0
6.0
7.0
8.0
9.0
TEMPERATURE °C
$\frac{8.32 - 6.82}{80 - 30} \times 1000 = 30\ °C/k$

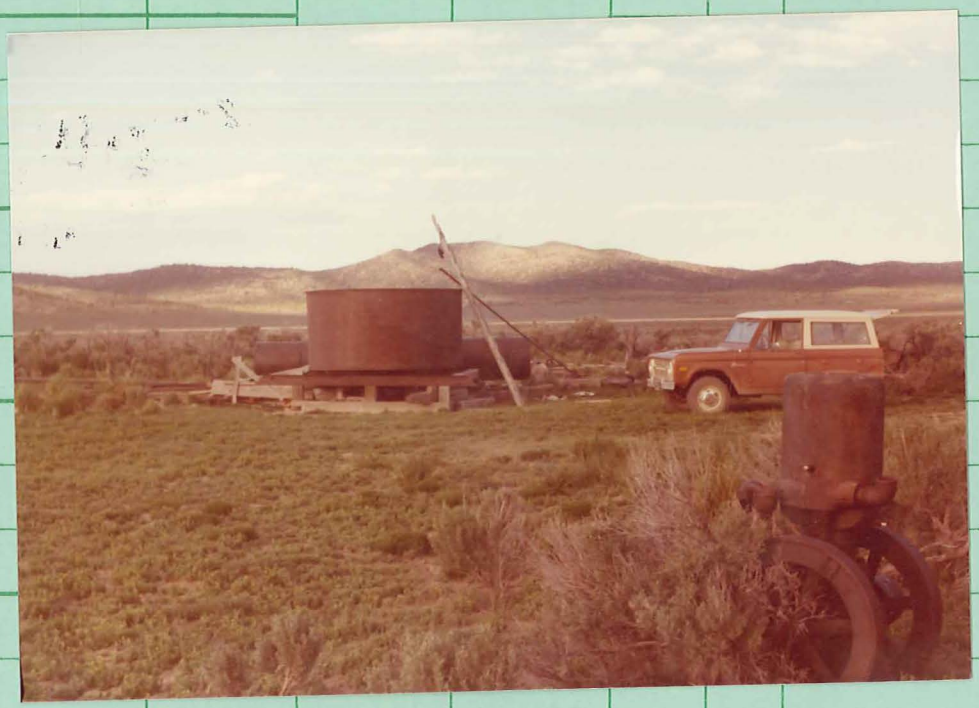
MJ RII F30

Δ258

Date Logged: 6/13/78

ΔT Well No. DRY LAKE

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal
20							
30		6.82					
			.31	31			
40		7.13					
			.24	24			
50		7.37					
			.36	36			
60		7.73					
			.30	30			
70		8.03					
			.29	29			
80		8.32					



K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

MJ RIIIF1 ✓

ΔT Well No. Δ259 BRIDGES Well

Property-Project 566 Depth Logged 30 m

Map THE CEDARS Scale 15 Date: Drilled _____ Logged 6/15/78

State NV County LANDER, ____ of ____ of SE of SW of Sec 12 T 25N R 42E

Instrument DT 101 Operator MJ Elevation 4900 (ft / m)

Comments OLD WINDMILL w/ SUBMERSIBLE ELECTRIC PUMP

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*	Site Description	Operator	Editor	Drilled DA	MO	YR
1 2 3 4	5 6 6	5 6 7 8 9 10	11 12 15	13 14 15 6	16 17 18 78	19 20 C M	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 MJ	56 57 58 59 60	61 62	63 64 65	66 67 68

*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 **	Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)
21 22 23 24 25 C M	26 27 28 29 30 1 5 .	31 32 33 34 35 4 0 .	36 37 38 39 40 0 0 0 .	41 42 43 44 45 1 1 7 .	46 47 48 49 50 1 5 .	

Use decimals

Northing	Easting	Elev	
51 52 53 54 55 56 57 58 59 60 8 . 2	61 62 63 64 65 66 67 68 69 70 7 . 2	71 72 73 74 75 4 9 0 0 .	76 77 78 79 80 F

Use decimals ← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK	Best cond. (-K) Downward extrapolations (-ΔK)
21 22 23 24 25 26 27 28 29 30 1 5 . 0	31 32 33 34 35 36 37 38 39 40 3 3 . 0	41 42 43 44 45 - 3 . 5	46 47 48 49 50 - 0 . 5	

Segment 2 Start → .999

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

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

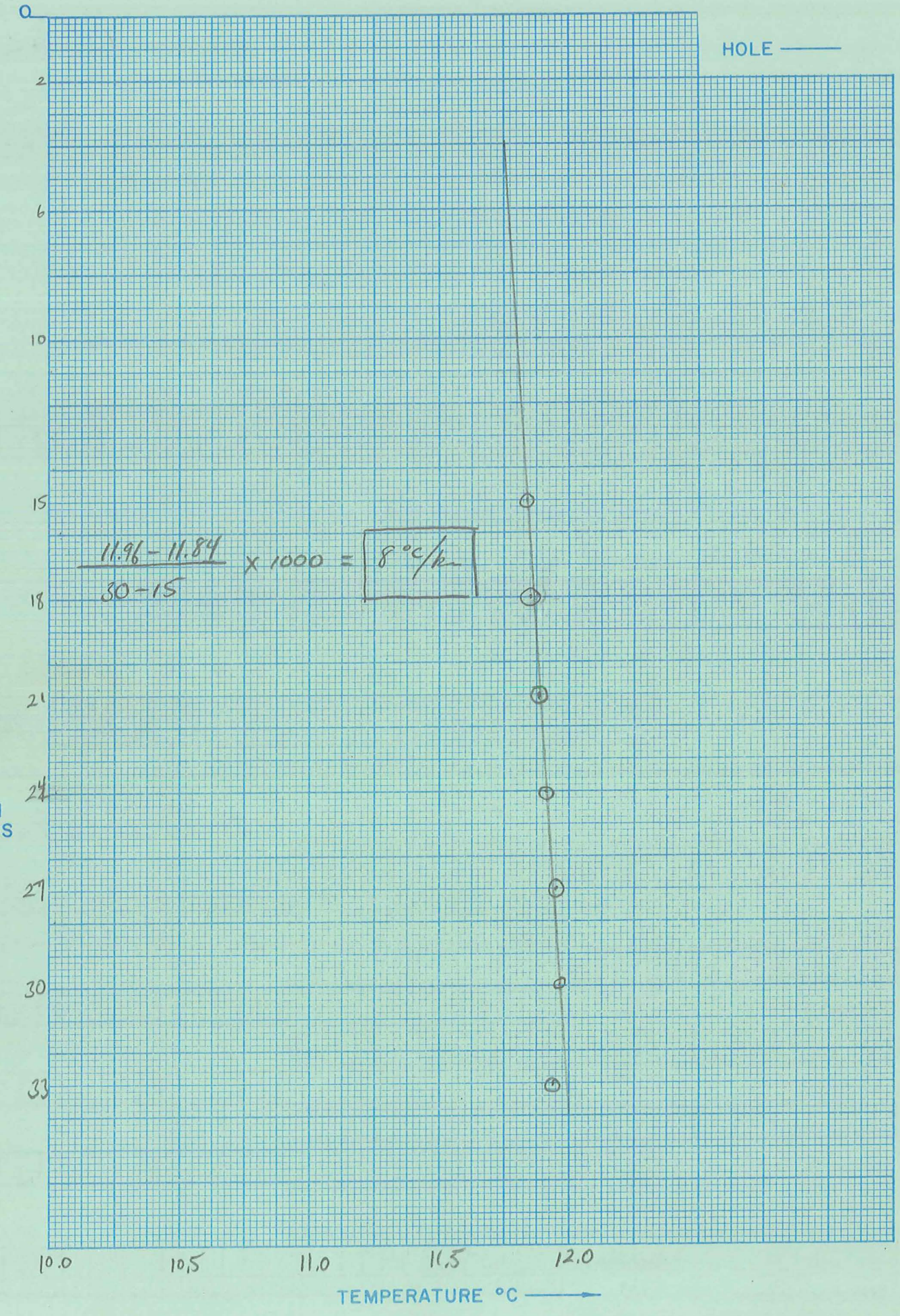
Segment 7 Start →

Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

After final segment Start = .999


HOLE
0
2
6
10
15
18
21
24
27
30
33
DEPTH METERS
10.0
10.5
11.0
11.5
12.0
TEMPERATURE °C
11.96 - 11.84 / 30 - 15 x 1000 = 8 °C/h

MJ RIII F1
Δ259

Date Logged: 6/15/78

ΔT Well No. Grass Well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal
							- NEAR REESE CR.
15		11.84					
18		11.85	.01	3.3			
21		11.88	.03	10.0			
24		11.91	.03	10.0			
27		11.95	.04	13.2			
30		11.96	.01	3.3			ON BOTTOM ?
33		11.94	-.02	-6.6			

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

MJ RIII F2

Δ260

ΔT Well No. So. of Trees

566

Property-Project _____ Depth Logged 38 m

Map THE CEDARS Scale 15' Date: Drilled _____ Logged 6/15/78

State NV County LANDER, ___ of ___ of NW of NE of Sec 5 T 25N R 43E

Instrument DT 101 Operator MJ Elevation 4915 (ft / m)

Comments OLD WINDMILL W/ SUBMERSIBLE / WELLS HAVE INFLUX OF WARM WATERS AT 20-25 m

Card A

RT JUSTIFY

Proj No	Well No	Date Logged DA	MO	YR	*
566		15	6	78	CM

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

Site Description	Operator	Editor	Drilled DA	MO	YR
	MJ				

(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	15.	40.	000.	117.	15.	

Use decimals

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

Northing	Easting	Elev	
12.3	12.6	7715.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK	Best cond. (-K) Downward extrapolations (-ΔK)
15.0	38.0	-3.5	-0.5	

Segment 2 Start → 999 | End | K | ΔK

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

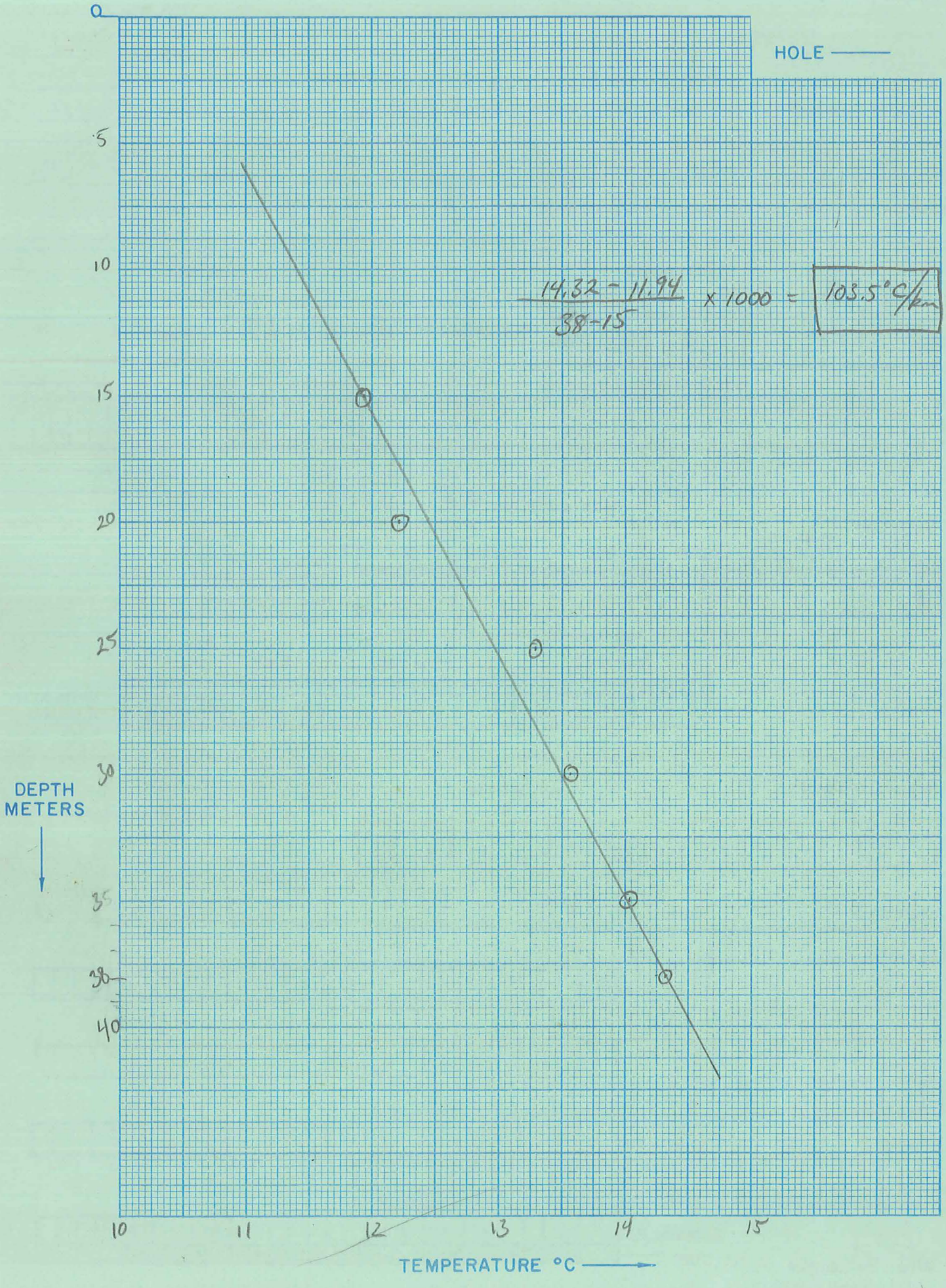
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999



$$\frac{14.32 - 11.94}{38 - 15} \times 1000 = \boxed{103.5\ ^\circ C/km}$$

NJ R II F2

Date Logged: 6/15/78

ΔT Well No. Δ260 So of Tree

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal
15		11.94				↑	
20		12.21	.27	54			
26		13.29	1.08	216		AIR	
30		13.56	.27	54			
35		14.03	.47	94			
38		14.32	.29	96.6			
							MUD AT BOTTOM

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

MJ RIII F3

Δ261

ΔT Well No. PALO ALTO 4942

Property-Project 566 Depth Logged 55m

Map THE CEDARS Scale 15' Date: Drilled _____ Logged 6/15/78

State NV County LANDER, ____ of ____ of SE of SW of Sec 22 T 26N R 43E

Instrument DT 101 Operator MJ Elevation 4942 (ft / m)

Comments OLD WM. NO PUMP - HOLE COVERED BY CAN

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
566		15	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
	MJ				

(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	15.	40.	00.0	117.	15.

Use decimals

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

Northing	Easting	Elev	
18.0	16.3	4942.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
20.0	40.0		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start	End	K	ΔK
40.0	55.0	-3.5	-0.5

Segment 3

.999

Segment 4 Start →

Segment 5

Segment 6 Start →

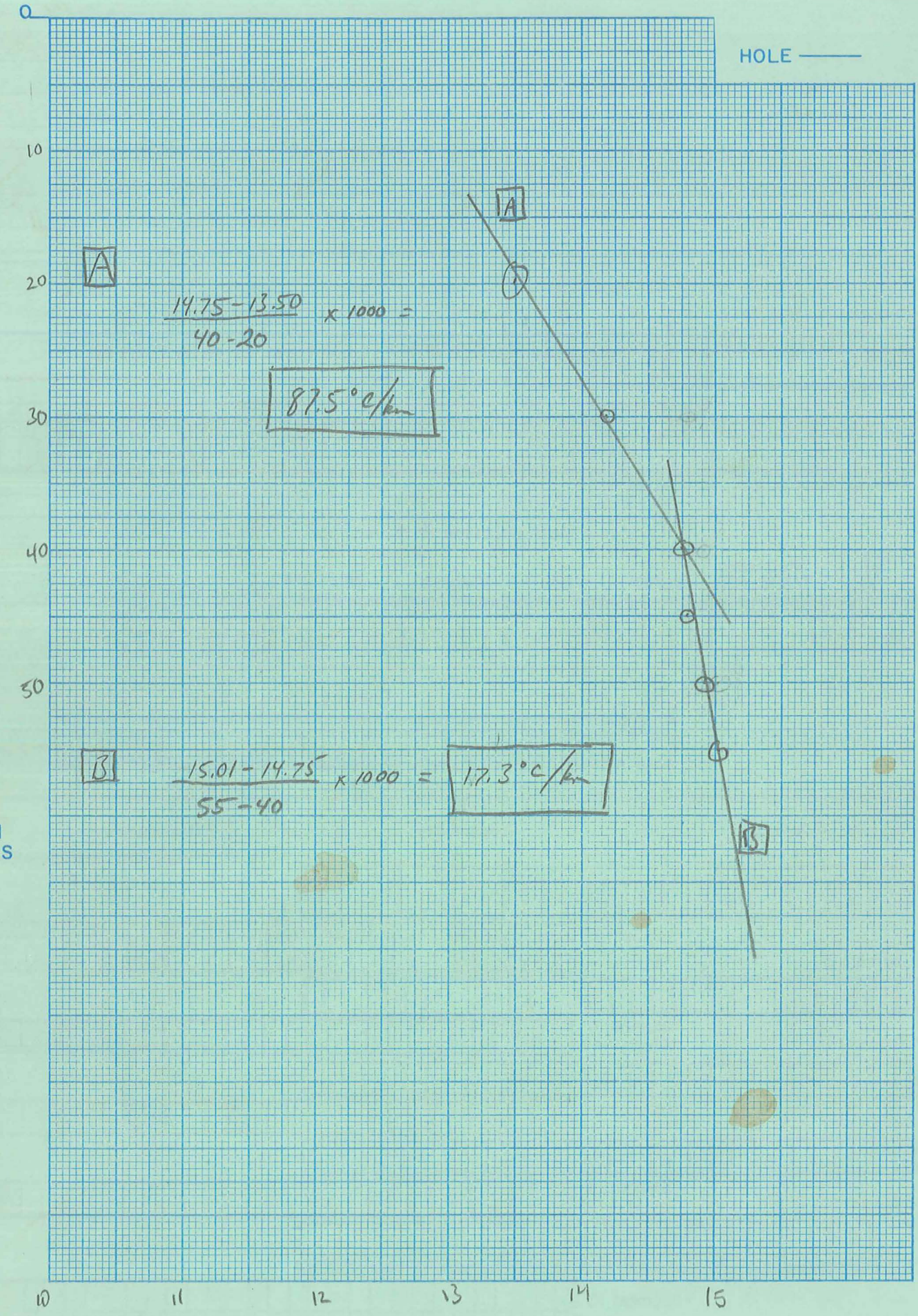
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
A
$\frac{14.75 - 13.50}{40 - 20} \times 1000 =$
87.5 °c/km
B
$\frac{15.01 - 14.75}{55 - 40} \times 1000 =$ 17.3 °c/km
DEPTH METERS
10
11
12
13
14
15
TEMPERATURE °C

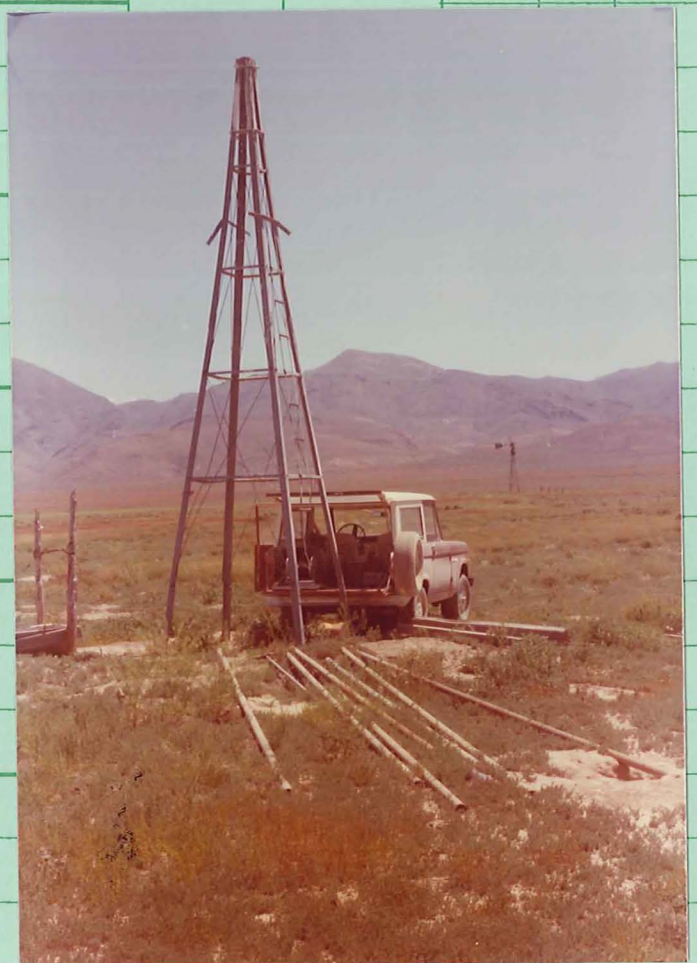
MJR III F3

Δ26 2

Date Logged: 6/15/78

ΔT Well No. Palo Alto 4942

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal
						↑	
20		13.50	.68	68			
30		14.18	-57	57			
40		14.75	.04	8		AIR	
45		14.79	.12	24			
50		14.91	.10	20		↓	
55		15.01					POSSIBLY A FEW (2-3) METERS OF LINE WERE ON THE BOTTOM.



K=Conductivity

AMAX EXPLORATION, INC. Q 5.8 MJ R III F5

TEMPERATURE/DEPTH LOG

Δ262

ΔT Well No. 16 CASING

Property-Project 566 Depth Logged 35m

Map THE CEDARS Scale 15 Date: Drilled _____ Logged 6/15/78

State NV County LANDER, ____ of SE of NE of SE of Sec 11 T 27N R 43 E

Instrument DT 101 Operator MJ Elevation 4810 (ft m)

Comments NO PUMP - JUST 16" CASING, IE., LOTS OF CONNECTIONS IN PIPE - VISIBLE FROM HIGHWAY

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
		5	6	6						1	5		6			7	8	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
																																	M	J	/															

(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			1	5	.			4	0	.	0	0	0	.			1	1	7	.	1	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
					3	9	.	2							2	0	.	2		4	8	1	0	.					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
			1	5	.	0				3	5	.	0							-	3	.	5		-	0	.	5	

Segment 2 Start → .999 | 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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

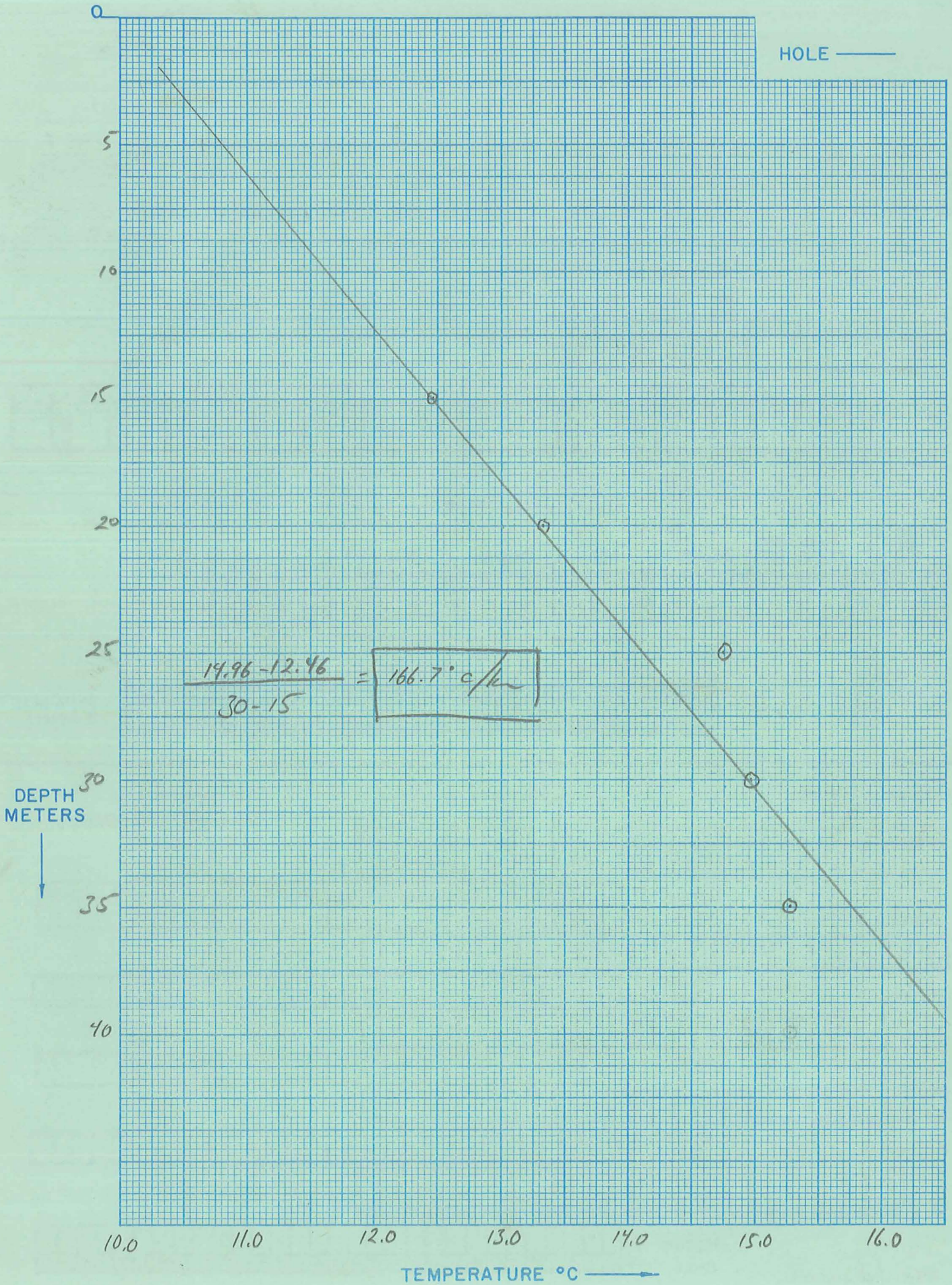
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
5
10
15
20
25
30
35
40
DEPTH METERS
10.0
11.0
12.0
13.0
14.0
15.0
16.0
TEMPERATURE °C
14.96 - 12.46 / 30 - 15 = 166.7° C/km

MNRIIF5

Δ262

Date Logged: 6/15/78

ΔT Well No. 16 CASING

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal -
15		12.46				↑	- 2 MILES N of RHYOLITE RIDGE AND HOTS SPRINGS w/ TRAVERTINE
20		13.32	.86	172			
			1.42	284			
25		14.74				AIR	- LIES ROUGHLY ON SAME LINEMENT AS SPRINGS.
			.24	48			
30		14.96				↓	
			.30	60			
35		15.26				H_2O	

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. Q8.7 MJ RIIIF6 Δ263

TEMPERATURE/DEPTH LOG

ΔT Well No. MOST NORTH

Property-Project 566 Depth Logged 23 M

Map THE CEDARS Scale 15' Date: Drilled _____ Logged 6/15/78

State NV County LANDER, ____ of NE of NE of NE of Sec 11 T 27N R 43E

Instrument DT 101 Operator MJ Elevation 4780 (ft m)

Comments 16" CASING OPEN TO AIR

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
5 6 6		1 5	6	7 8	C M

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

Site Description (Approx. location, water well?, oil test?, etc.)	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
	M J				

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 **

21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40	41 42 43 44 45	46 47 48 49 50
C M	1 5.	4 0.	0 0 0.	1 1 7.	1 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
4 1. 1	2 0. 3	4 7 8 0.	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
1 5. 0	2 5. 0	-3. 5	-0. 6

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | End | K | ΔK

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

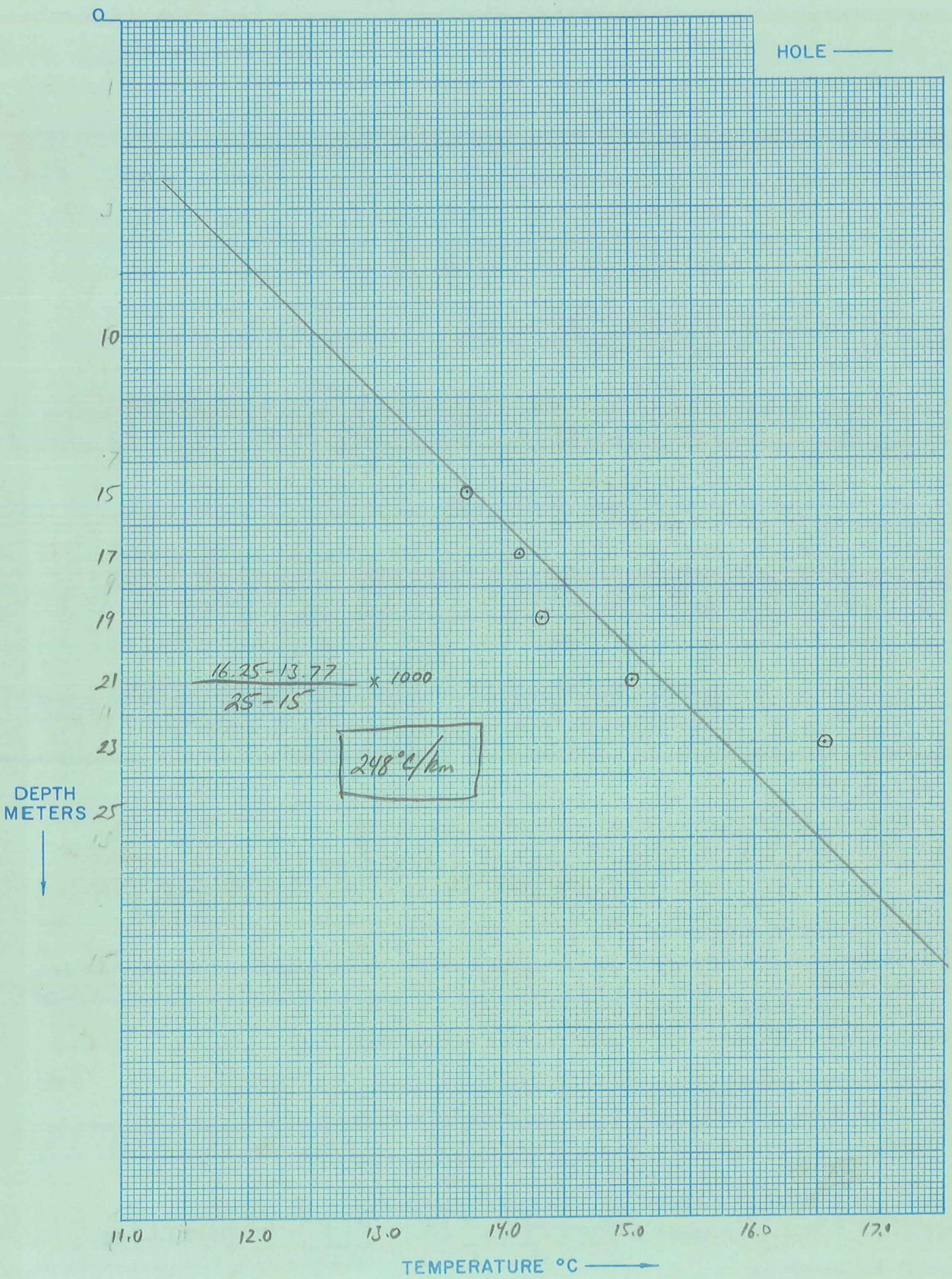
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

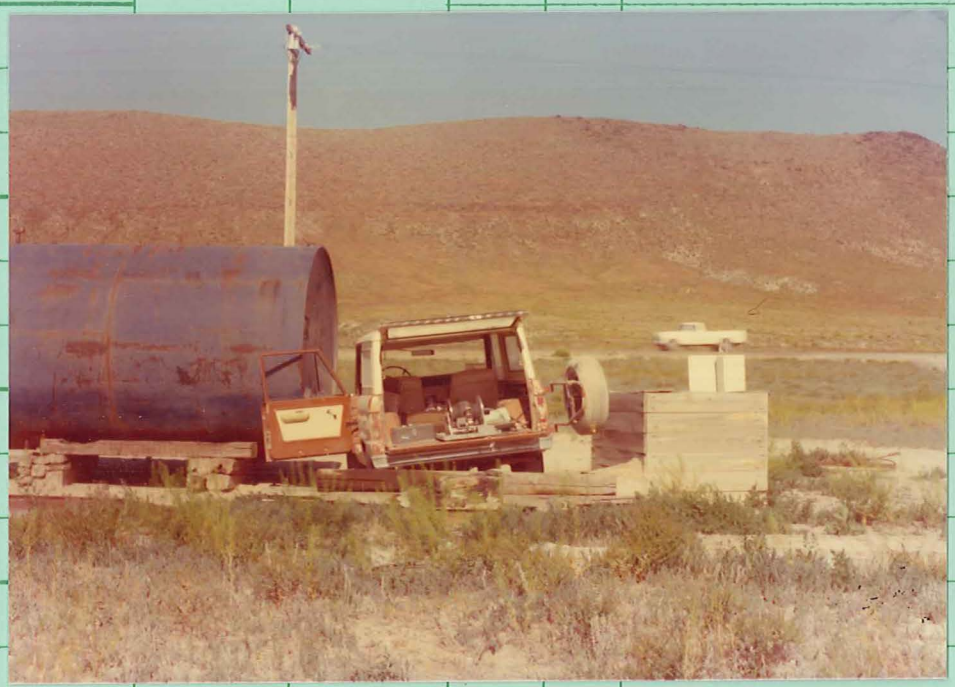

HOLE
0
10
15
17
19
21
23
25
DEPTH METERS
11.0
12.0
13.0
14.0
15.0
16.0
17.0
TEMPERATURE °C
16.25 - 13.77 / 25 - 15 × 1000
248°C/km

MJ RIII F6

Date Logged: 6/15/78

ΔT Well No. Δ263 MOST NORTH

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal - 3 MILES NW HOT SPRINGS
15		13.73					
			.41	205			
17		14.14					
			.18	90			
19		14.32					
			.71	355			
21		15.03					
			1.63	815			
23		16.66					
			.00	0			
25		16.66				ON	BOTTOM



K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. 40°C/km ✓

TEMPERATURE/DEPTH LOG Q214

ΔT Well No. Δ265

Property-Project 566 Depth Logged

Map Garden Valley Scale 15' Date: Drilled Logged 6/11/78

State NV County Eureka, of of of of Sec T 22N R 52E

Instrument OT-101 Operator WDM Elevation 6640 (ft/m)

Comments 2000' cased drillhole at Mt. Hope Mine near mill

Card A

RT JUSTIFY

Proj No	Well No	Date Logged DA	MO	YR	*
566		11	6	78	CM

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

Site Description	Operator	Editor	Drilled DA	MO	YR
MT. HOPE MINE	WDM				

(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	15.	39.	45.	116.	15.

Use decimals

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

Northing	Easting	Elev	
7.4	11.9	6640.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
30.0	120.0	-6.0	-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 →

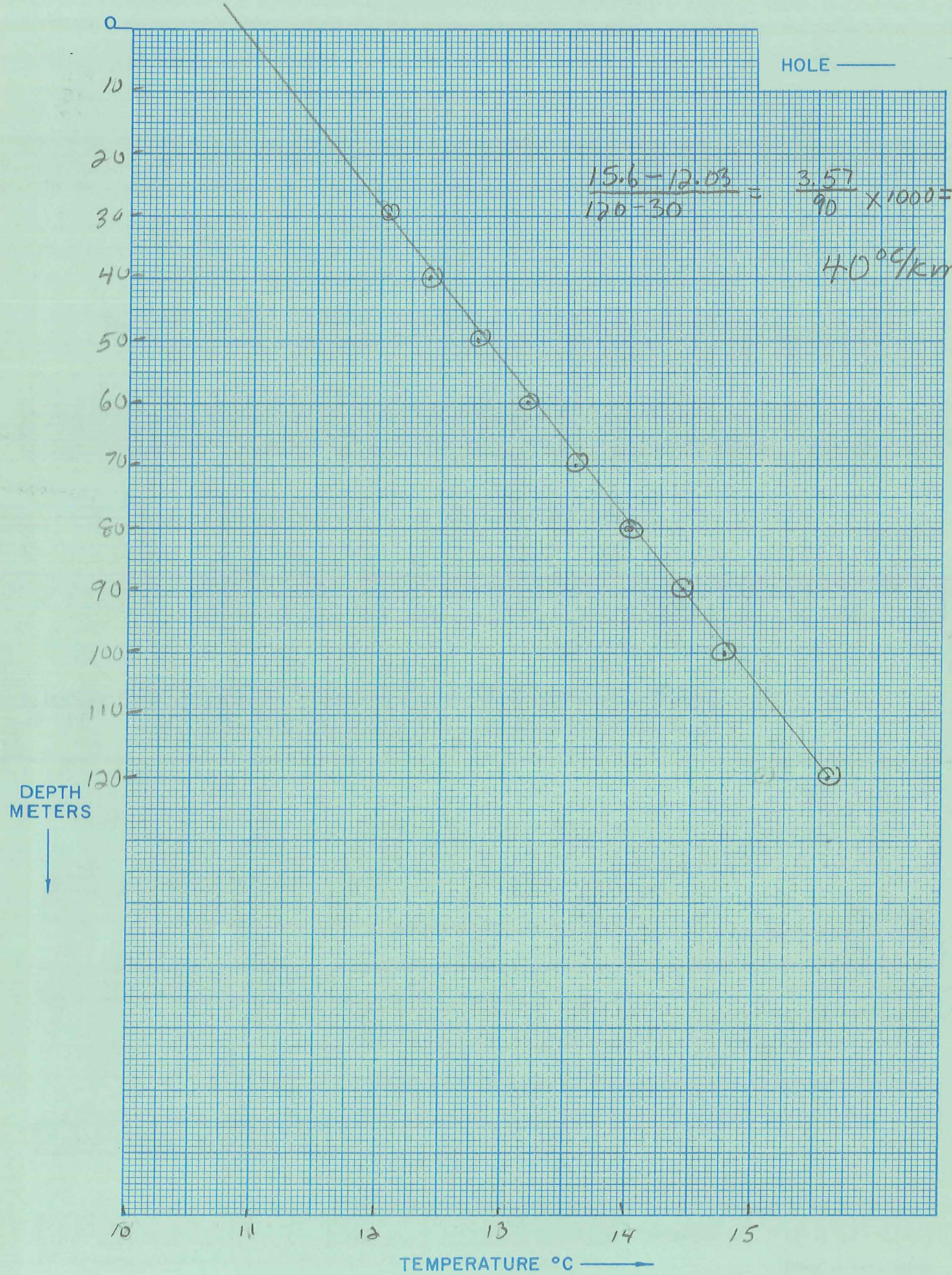
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
90
100
110
120
DEPTH METERS
10
11
12
13
14
15
TEMPERATURE °C
$\frac{15.6-12.03}{120-30} = \frac{3.57}{90} \times 1000 =$
40 °C/km

Date Logged: 6/11/78

ΔT Well No. D265

Mt. Hope Mine ΔT

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
30		12.03				H_2O	porphyritic rhyolite
40		12.39	.36	36			
50		12.78	.39	39			
60		13.19	.41	41			
70		13.57	.38	38			
80		14.0	.43	43			
90		14.42	.42	42			
100		14.76	.34	34			
120		15.6	.84	42			stopped here due to uninteresting gradient

K=Conductivity

AMAX EXPLORATION, INC. 39°C/km ✓

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ266

Property-Project 566 Depth Logged

Map Garden Valley Scale 15' Date: Drilled Logged 6/12/78

State County , of of of of Sec T22N R 52E

Instrument DT-101 Operator WDM Elevation 6250 (ft m)

Comments 1000' cased drillhole near Mt. Hope Mine, .3 mi. from road MT. HOPE ΔT #2

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
5 6 6		1 2	6	7 8	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
M T . H O P E # 2		W D M	/			

(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	1 5 .	3 9 .	4 5 .	1 1 6 .	1 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
7 . 4	1 4 . 7	6 2 5 0 .	F

Use decimals ← Write M if if meters

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
1 8 . 0	6 0 . 0	- 6 . 0	- 0 . 5

Segment 2 Start → .999 | 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

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

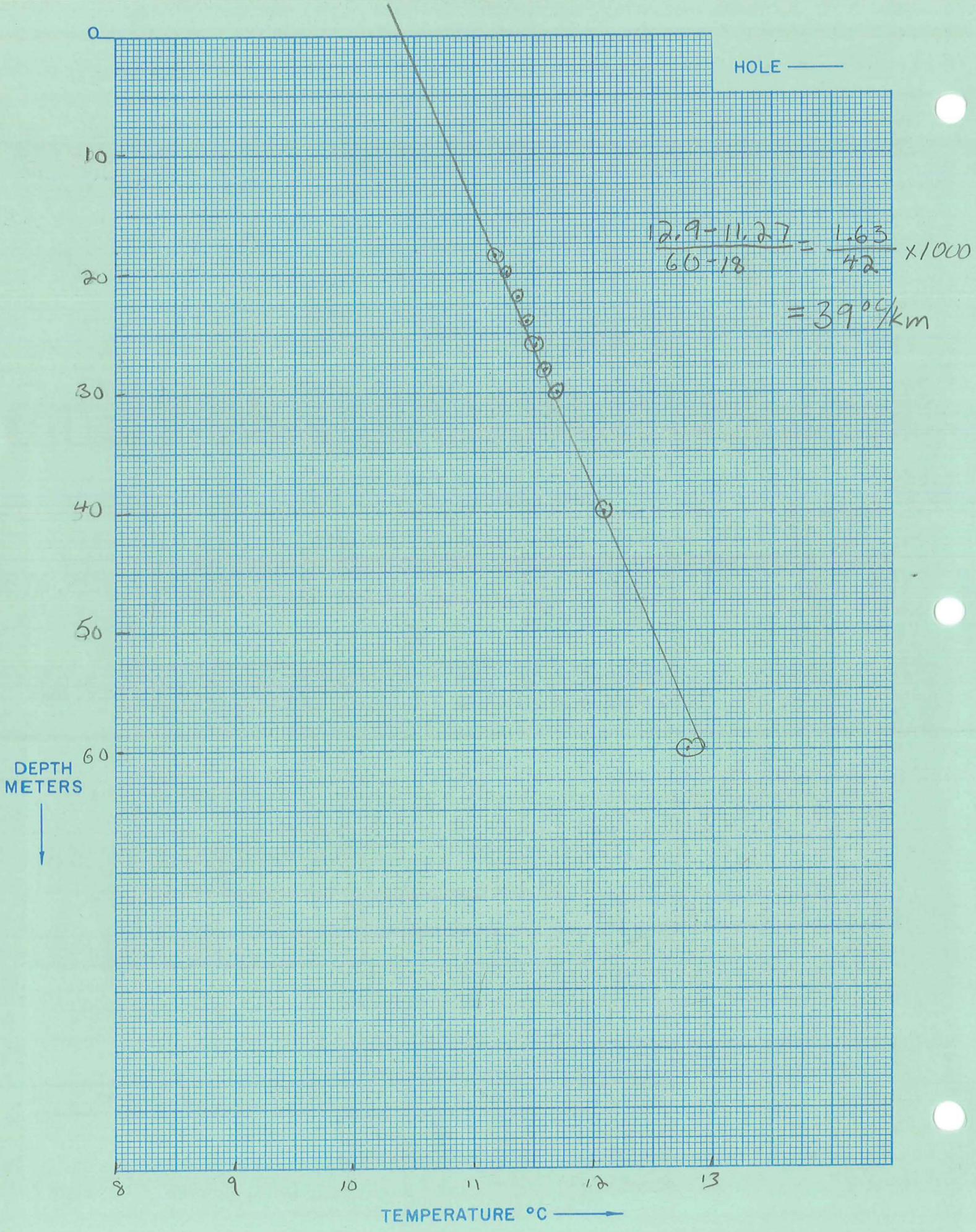
Segment 8 Start →

Segment 9

Segment 10 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	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
DEPTH METERS
8
9
10
11
12
13
TEMPERATURE °C
$\frac{12.9-11.27}{60-18} = \frac{1.63}{42} \times 1000$
$= 39\,^{\circ}C/km$

Date Logged: 6/12/78

ΔT Well No. Δ266

MT. HOPE ΔT #2

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
30	11.72					H_2O	porphyritic rhyolite
18	11.17					H_2O	
20	11.27		.1	50			
22	11.36		.09	45			
24		11.45	.09	45			
26		11.52	.07	35			
28		11.6	.08	40			
30		11.72	.1	50			
40		12.09	.39	39			
60		12.79	.7	35			hole plugged w/mud

K=Conductivity

AMAX EXPLORATION, INC. Q.6 16 °C/km ✓

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ267

Property-Project 566 Depth Logged

Map Whistler Mtn Scale 15' Date: Drilled Logged 6/13/78

State NV County Eureka, of of NE of NE of Sec 31 T 19N R 53E

Instrument OT-101 Operator WDM Elevation 6110 (ft / m)

Comments BLM well

Big Reilly Canyon ΔT

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	
566	13		6	78	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
	WDM				

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

Card B

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	15.	39.	30.	116.	15.

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
9.1	29.6	6110.	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
20.0	30.0	-3.5	-0.3

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (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)

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)

Segment 4 Start →

Segment 5

Segment 6 Start →

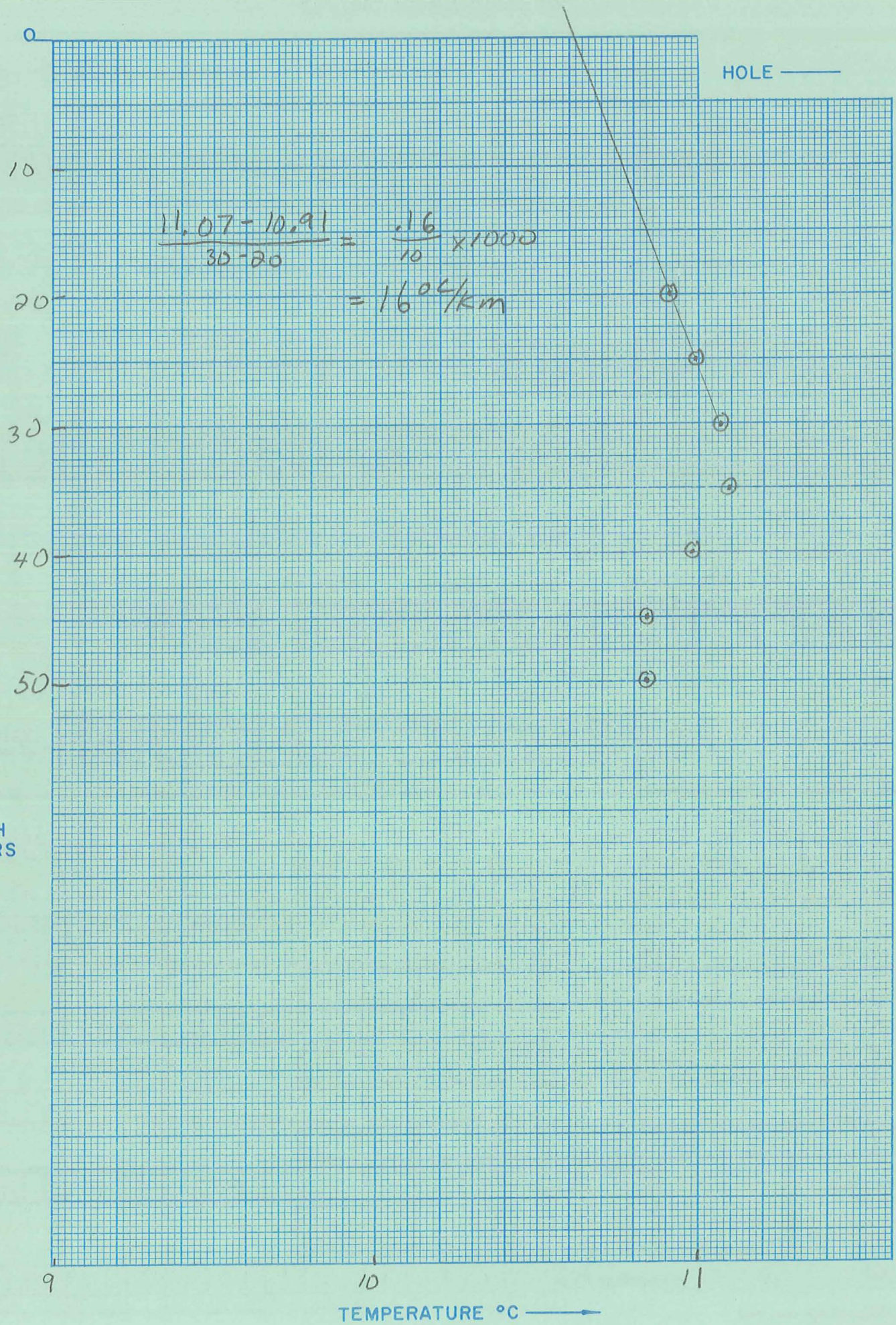
Segment 7

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


0
10
20
30
40
50
HOLE
$\frac{11.07 - 10.91}{30 - 20} = \frac{.16}{10} \times 1000$
$= 16°C/km$
DEPTH METERS
9
10
11
TEMPERATURE °C

Date Logged: 6/13/78

ΔT Well No. Δ267

Big Reilly Canyon ΔT

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
50		10.84				Air	Qal
45		10.84					
40		10.98	-.14	-28			
35		11.09	-.11	-22			
30		11.07	.02	4			
25		10.99	.08	16			
20		10.91	.08	16			

K=Conductivity

DM R1 F29

AMAX EXPLORATION, INC. 70 °C/km Q 2.5 ✓

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ269

Property-Project 566 Depth Logged

Map Whistler Mtn Scale 15' Date: Drilled Logged 6/13/78

State NV County Eureka, of of of of Sec T 21N R 52E

Instrument DT-101 Operator WPM Elevation 6380 (ft/m)

Comments 11 miles N of Highway 50

KOBETH VALLEY ΔT

Card A

Date Logged

RT JUSTIFY Proj No (1–5)	Well No (6–10)	DA (11–12)	MO (13–16)	YR (17–18)	* 19	20
566		13	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)
	WDM/				

(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	15.	39.	30.	116.	15.

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
36.	10.6	6380.	F

Use decimals

Write M if ← if meters

Segment 1 = Depths Start (21–30)	End (31–40)	Conductivity K (41–45)	ΔK (46–50)
25.0	63.0	-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

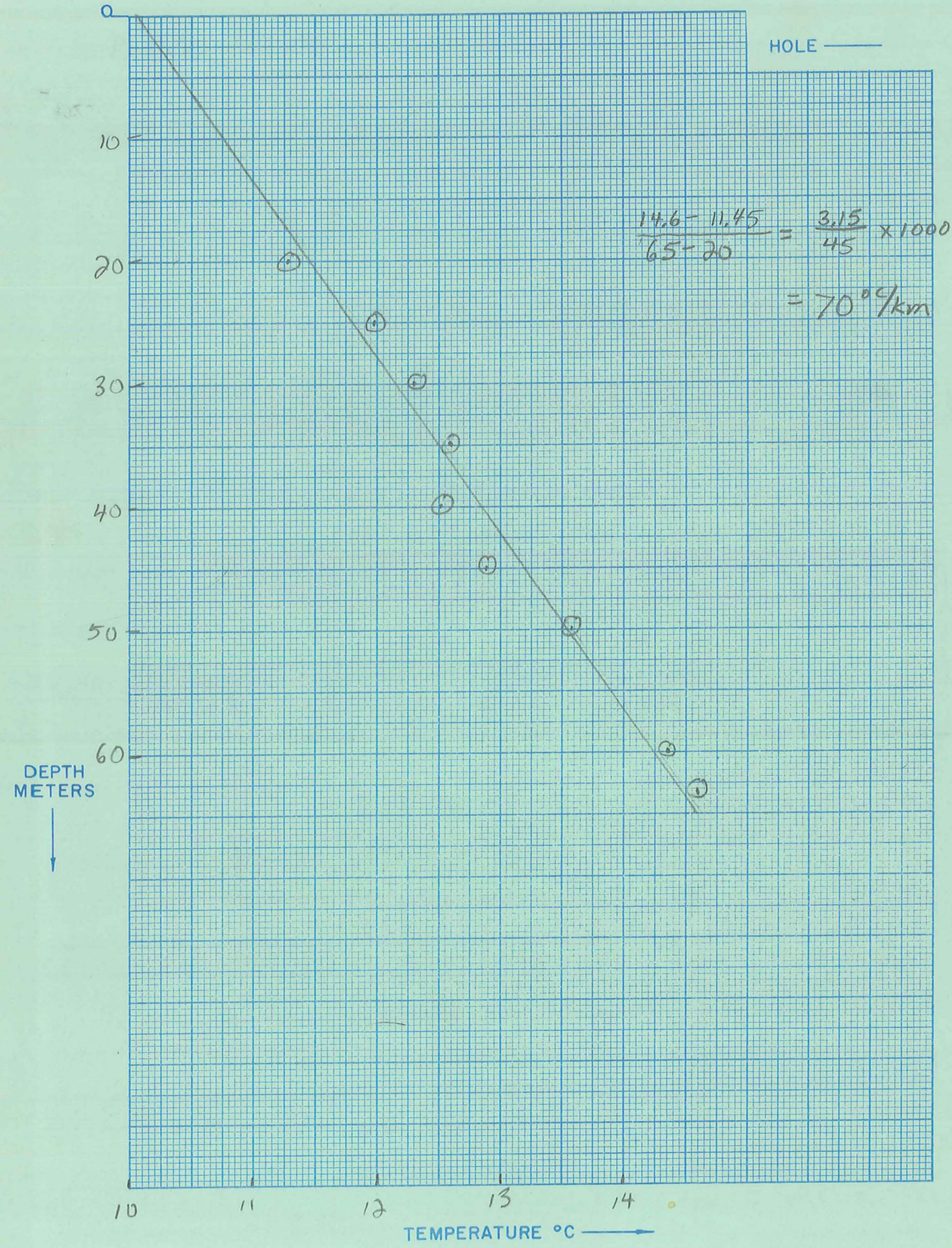
Segment 8 Start →

Segment 9

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


HOLE
0
10
20
30
40
50
60
DEPTH METERS
10
11
12
13
14
TEMPERATURE °C
$\frac{14.6 - 11.45}{65 - 20} = \frac{3.15}{45} \times 1000$
$= 70°C/km$

Date Logged: 6/13/78 ΔT Well No. Δ269

KOBEH VALLEY ΔT

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
20		11.28				Air	Qal ?
25		11.99	.71	142			
30		12.29	.3	60			
35		12.59	.3	60			
40		12.51	.08	-16			
45		12.87	.36	72			
50		13.58	.71	142			
60		14.35	.77	77			
63		14.57	.22	70			

K=Conductivity

AMAX EXPLORATION, INC. 29°C/km Q1 ✓

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ270

Property-Project 566 Depth Logged

Map Bellevue Peak Scale 15' Date: Drilled Logged 6/14/78

State NV County Eureka, of of of of Sec T18N R52E

Instrument DT-101 Operator WDM Elevation 7600 (ft / m)

Comments uncased drillhole at adit on Bisoni property
BISONI DT #1

Card A

RT JUSTIFY

Proj No	Well No	Date Logged DA	MO	YR	*
566		14	6	78	CM

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

Site Description	Operator	Editor	Drilled DA	MO	YR
DRILLHOLE ON BISONI PROPERTY	WDM				

(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 **
-M	15.	39.	15.	116.	15.

Use decimals

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

Northing	Easting	Elev	
28.7	24.2	7600.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK	Best cond. (-K) Downward extrapolations (-ΔK)
20.0	50.0			

Segment 2

Start	End	K	ΔK
50.0	58.0	-3.5	-0.5

Segment 3

.999

Segment 4 Start →

Segment 5

Segment 6 Start →

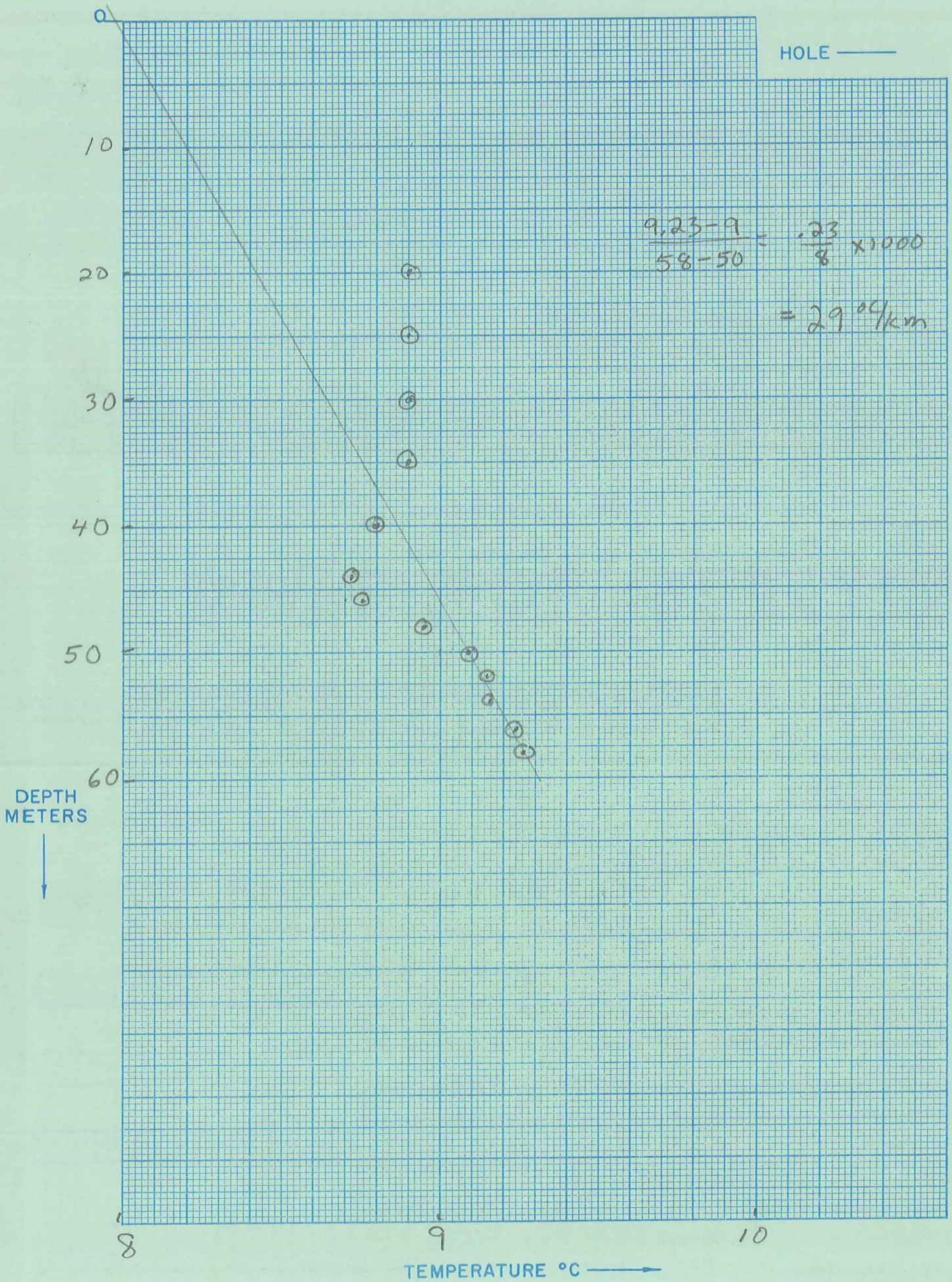
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
DEPTH METERS
8
9
10
TEMPERATURE °C
$\frac{9.23-9}{58-50} = \frac{.23}{8} \times 1000$
$= 29\ ^{\circ}C/km$

Date Logged: _____ ΔT Well No. Δ270

BISONI ΔT #1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
20		8.9				Air	Qal?
25		8.9					
30		8.9					
35		8.9					
40		8.8	-.15				
50		9.09	.2	20			
60		9.3	.3	30		H_2O	
58		9.23					
56		9.24	-.07				
54		9.15	.09	45			
52		9.15	-0-	0			
50		9.09	.11	55			
48		8.95	.14	70			
46		8.75	.2	100			
44		8.72	.03	15			

K=Conductivity

DM R2 F11

AMAX EXPLORATION, INC. 4.1 Q 45°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ271

Property-Project 566 Depth Logged

Map Crescent Valley Scale 15' Date: Drilled Logged 6/16/78

State NV County Lander, of of NW of SE of Sec 8 T 26N R 47E

Instrument DT-101 Operator WDM Elevation 5480 (ft/m)

Comments uncased drillhole 6" bore - many others in area
GOLDQUARTZ ΔT

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*
	566		16	6	78	CM

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

Site Description	Operator	Editor	Drilled DA	MO	YR
GOLDQUARTZ	WDM				

(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	15.	40.	15.	116.	45.	

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

Use decimals

Northing	Easting	Elev	
11.3	7.5	5480.	F

Write M if if meters

Use decimals

Segment 1 = Depths

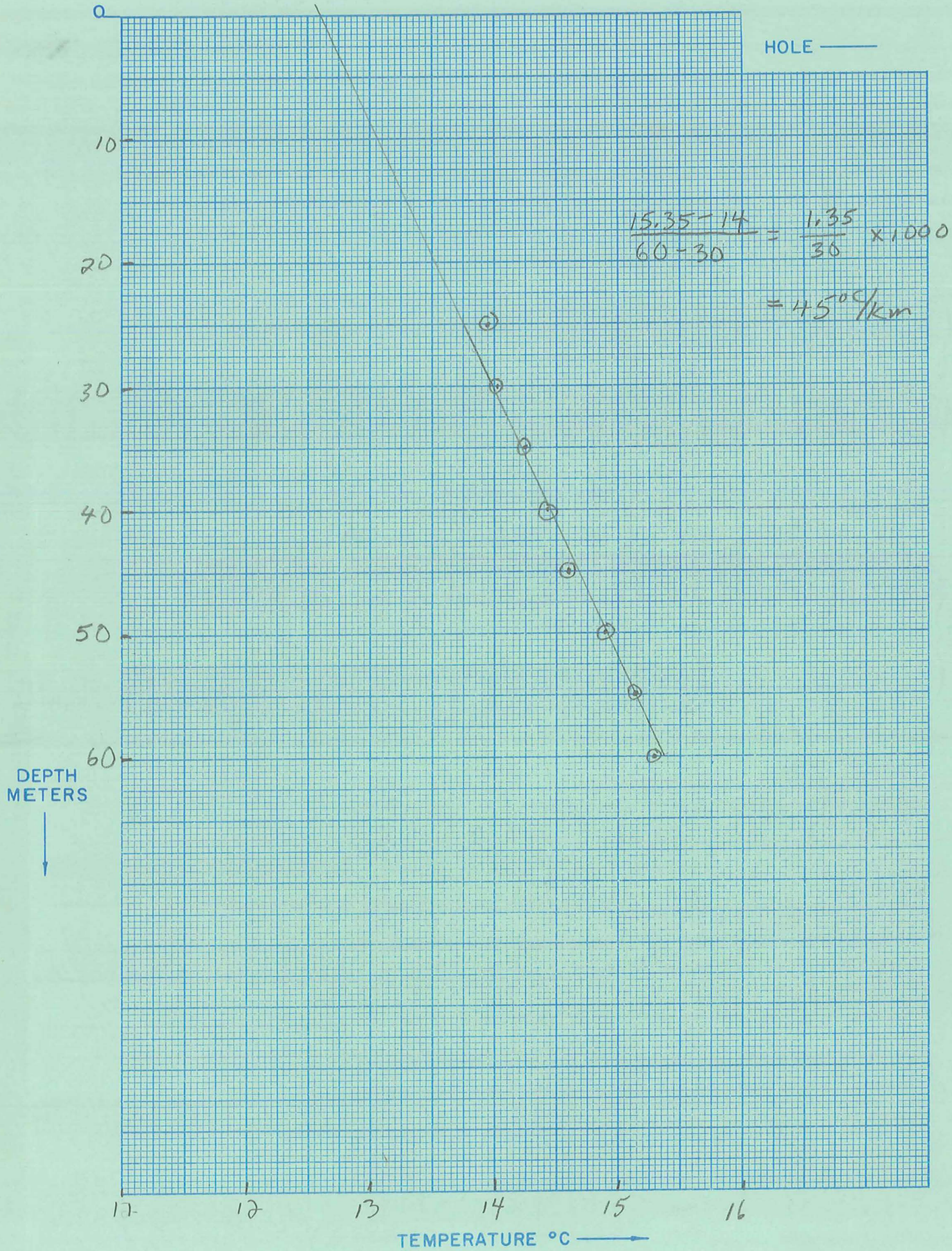
Start	End	Conductivity K	ΔK
25.0	60.0	-9.0	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

	End	K	ΔK
Segment 2 Start →	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


HOLE
0
10
20
30
40
50
60
DEPTH METERS
11
12
13
14
15
16
TEMPERATURE °C
$\frac{15.35-14}{60-30} = \frac{1.35}{30} \times 1000$
$= 45^{\circ}C/km$

Date Logged: _____

ΔT Well No. Δ271

GOLDQUARTZ ΔT

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
25		13.95				Air	quartzite?
30		14.03	.08	16			
35		14.25	.22	44			
40		14.43	.18	36			
45		14.6	.17	34			
50		14.9	.3	60			
55		15.15	.25	50			
60		15.3	.15	30			bottom

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

★ 505°C/km 17°C/km

Q = 17.7 = 0.6

ΔT Well No. Δ272

Property-Project 566 Depth Logged 35 m

Map Arrenhood Gap Scale 7.5 Date: Drilled 1976 Logged 6/11/78 9:30

State Nevada County Lander, ___ of ___ of SE of SW of Sec 10 T 35N R 46E

Instrument DT 101 Operator (A. Mako Elevation 4970 (ft m)

Comments Sheep Well

Date Logged

RT JUSTIFY

Card A

Proj No	Well No	DA	MO	YR	*
566		11	6	78	CM

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
	DAM				76

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

Map Location * *

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	40.	52.5	116.	52.5

Use decimals

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

Northing	Easting	Elev	
20.30	32.85	4970.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
15.0	25.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → 25.0 End 35.0 K ΔK

Segment 3 .999

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

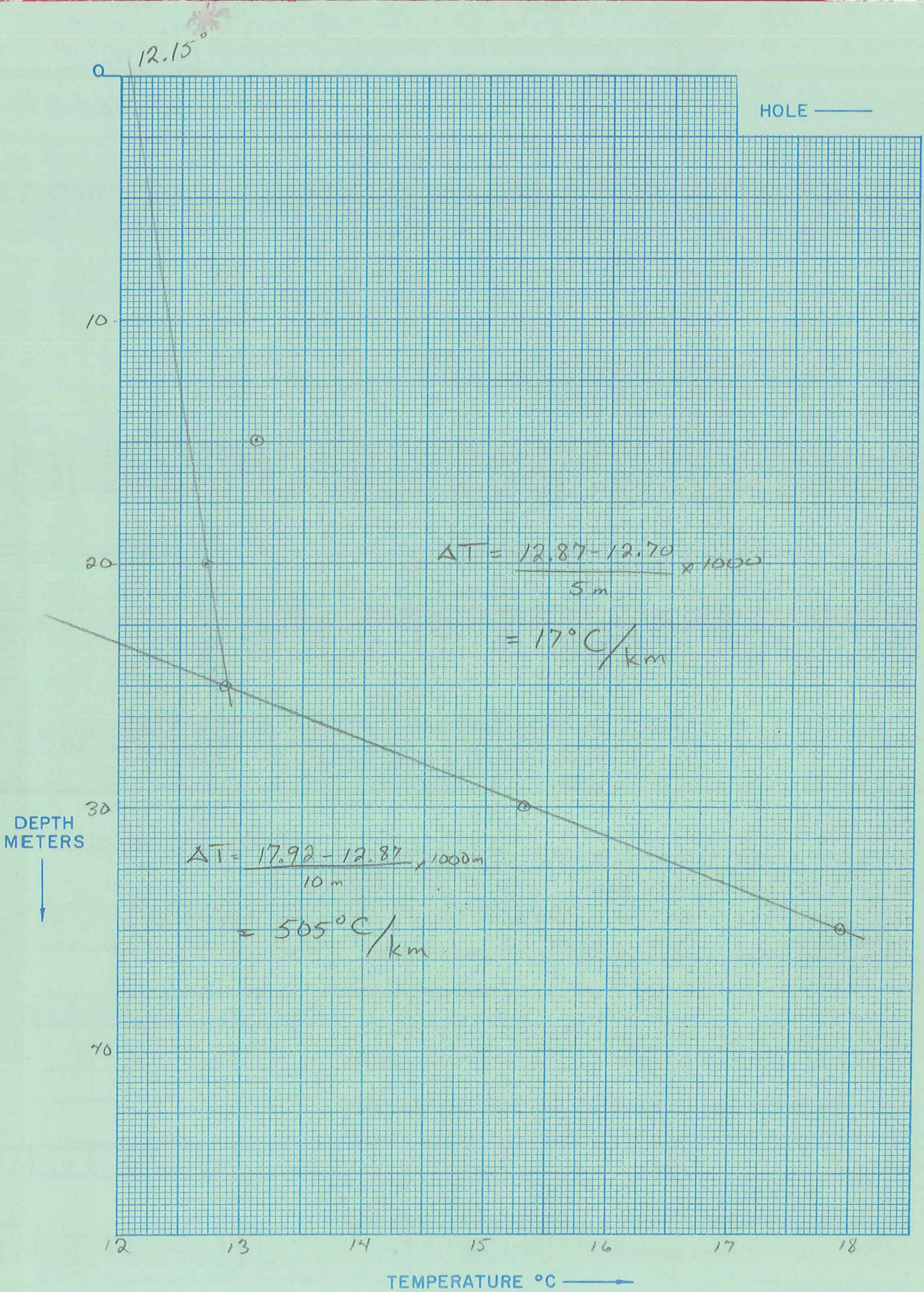
Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

R1 F33 DAM


12.15°
HOLE
0
10
20
30
40
DEPTH METERS
ΔT = 12.87 - 12.70 / 5 m × 1000
= 17°C/km
ΔT = 17.92 - 12.87 / 10 m × 1000m
= 505°C/km
12
13
14
15
16
17
18
TEMPERATURE °C

Date Logged: 6/11/78 9:30 ΔT Well No. Δ272

R1 F33 DAm Sheep Well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
6						Air	Valley fill
15		13.12					
			-0.38	-76			
20		12.70					
			0.17	34			
25		12.87				↑	
			2.45	490			
30		15.32				Air	
			2.60	520			
35		17.92				H_2O	
							Surrounded by rhyolite ranges

K=Conductivity

AMAX EXPLORATION, INC. Q 3.7 105°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ273

Property-Project 566 Depth Logged 40m

Map Arrenhood Gap Scale 7.5 Date: Drilled _____ Logged 6/11/78 10:15

State Nevada County Lander, ____ of ____ of NW of NE of Sec 15 T 35N R 46E

Instrument DT 101 Operator D.A. Mako Elevation 4983 (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
		5	6	6						1	1		6			7	8	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
																														D	A	M	/																

(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
	C	M				7	.	5			4	0	.		5	2	.	5		1	1	6	.		5	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
					1	8	.	5	5							3	4	.	3	5	4	9	8	3	.				F

Use decimals

← Write M if if meters

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
			2	0	.	0					3	5	.	0						−	3	.	5		−	0	.	5	

Segment 2 Start → .999 | 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
.	9	9	9																										

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

Segment 8 Start →

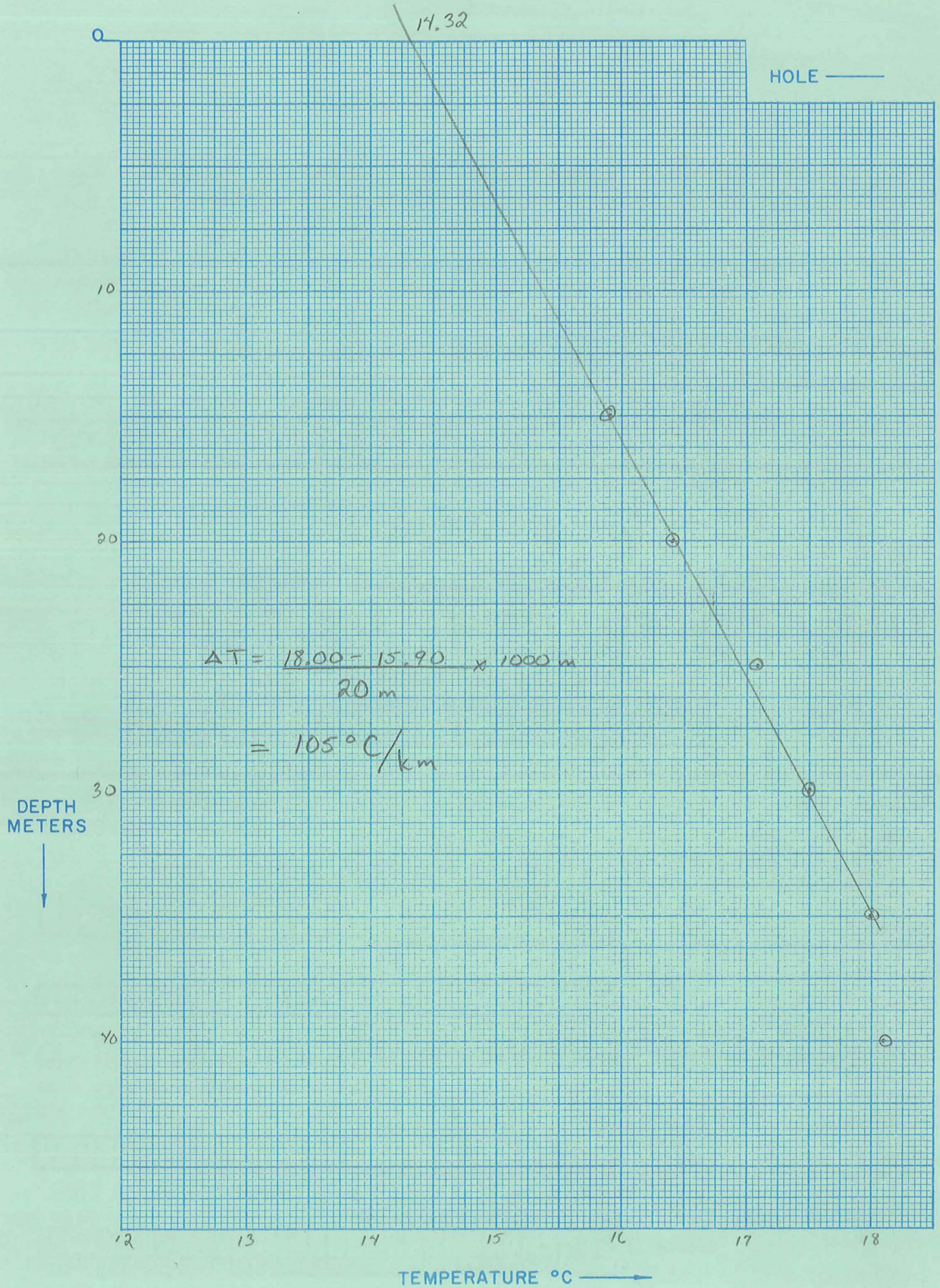
Segment 9

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

R1 F35 DAM


14.32
HOLE
0
10
20
30
40
12
13
14
15
16
17
18
DEPTH METERS
TEMPERATURE °C
ΔT = 18.00 - 15.90 / 20 m × 1000 m
= 105 °C/km

Date Logged: 6/11/78 10:15 ΔT Well No. Δ273

R1 F35 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Valley fill
15		15.90	.50	100			
20		16.40	.68	136			
25		17.08	.42	84			
30		17.50	.50	100			
35		18.00	.10	2			
40		18.10				Air	← probably on bottom

Valley is surrounded by rhyolite ranges

K=Conductivity

AMAX EXPLORATION, INC. Q2.6 72.7°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ277

Property-Project 566 Depth Logged 40 m

Map Midas SW Scale 7.5 Date: Drilled _____ Logged 6/13/78

State Nev County Elko , ____ of ____ of SW of NW of Sec 14 T37N R44E

Instrument DT 101 Operator D.A. Mabe Elevation 4608 (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
		5	6	6						1	3			6		7	8	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
																																D	A	M															

(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
	C	M			7	.	5			4	1	.	0	0	0	.	0			1	1	7	.	0	0	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
					3	9	.	1	0						5	.	7	7	4	6	0	8	.						F

Use decimals

← Write M if if meters

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
				1	5	.	0					4	0	.	0					-	3	.	5		-	0	.	5	

Segment 2 Start → .999 | 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

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

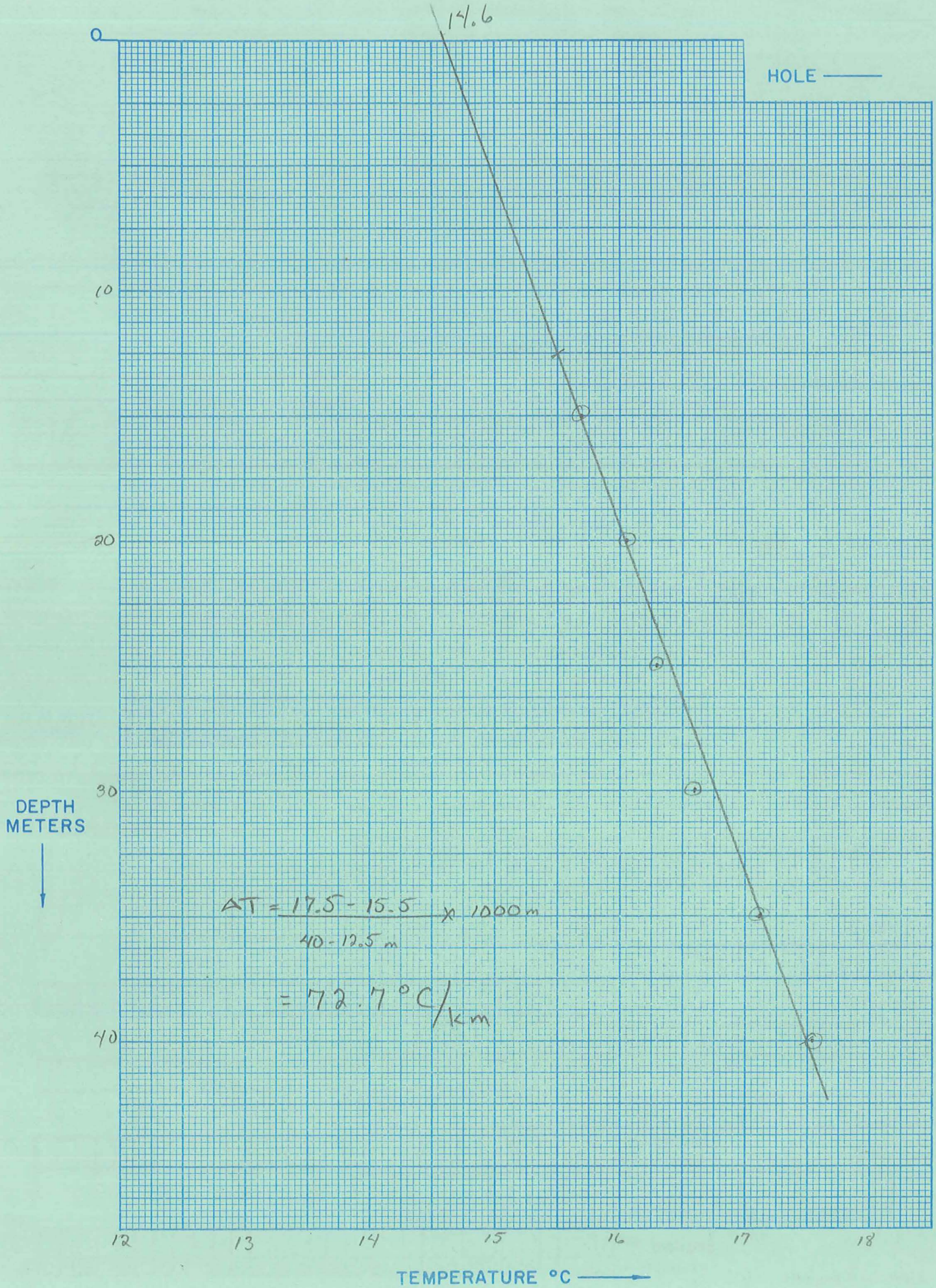
Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

R2F7DAM


14.6
0
HOLE
10
20
30
40
DEPTH METERS
12
13
14
15
16
17
18
TEMPERATURE °C
$\Delta T = \frac{17.5 - 15.5}{40 - 12.5\,m} \times 1000\,m$
$= 72.7\,°C/km$

Date Logged: 6/13/78

ΔT Well No. Δ 277

R2 F7 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
15		15.70				H_2O	Valley fill
			.26	52			
20		16.06				↓	
			0.24	48			
25		16.30					
			0.30	60			
30		16.60					
			0.51	102			
35		17.11					
			0.42	84			
40		17.53					

K=Conductivity

AMAX EXPLORATION, INC. Q.9 21.9°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ278

Property-Project 566 Depth Logged 100 m

Map McDermitt Scale AMS Date: Drilled _____ Logged 6/13/78 12:00

State Nev County Humboldt, ____ of ____ of ____ of Sec ____ T 38N R 43E

Instrument DT 101 Operator David J. Mako Elevation 4775 (ft / m)

Comments Pump Station for Getchel Mine

Card A

RT JUSTIFY

Cols	1–4	5–10	11–12	13–15	16–18	19	20
	Proj No	Well No	Date Logged: DA	MO	YR	*	
	566		13	6	78	C	M

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

Cols	21–30	31–50	51–55	56–60	61–62	63–65	66–68
	Site Description		Operator	Editor	Drilled: DA	MO	YR
			DAM				

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

Card B

Cols	21–25	26–30	31–35	36–40	41–45	46–50
	Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min **
	CM	60.0	41.	00.0	117.	00.0

Use decimals

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

Cols	51–60	61–70	71–75	76–79	80
	Northing	Easting	Elev		
	8.52	-5.12	4775.		F

Write M if if meters

Use decimals

Segment 1 = Depths

Cols	21–30	31–40	41–45	46–50
	Start	End	Conductivity K	ΔK
	20.0	100.0	-4.0	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Cols	51–55	56–60	61–65	66–70	71–75	76–80
	Segment 2 Start →	End		K	ΔK	
	.999					

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

Segment 7 Start →

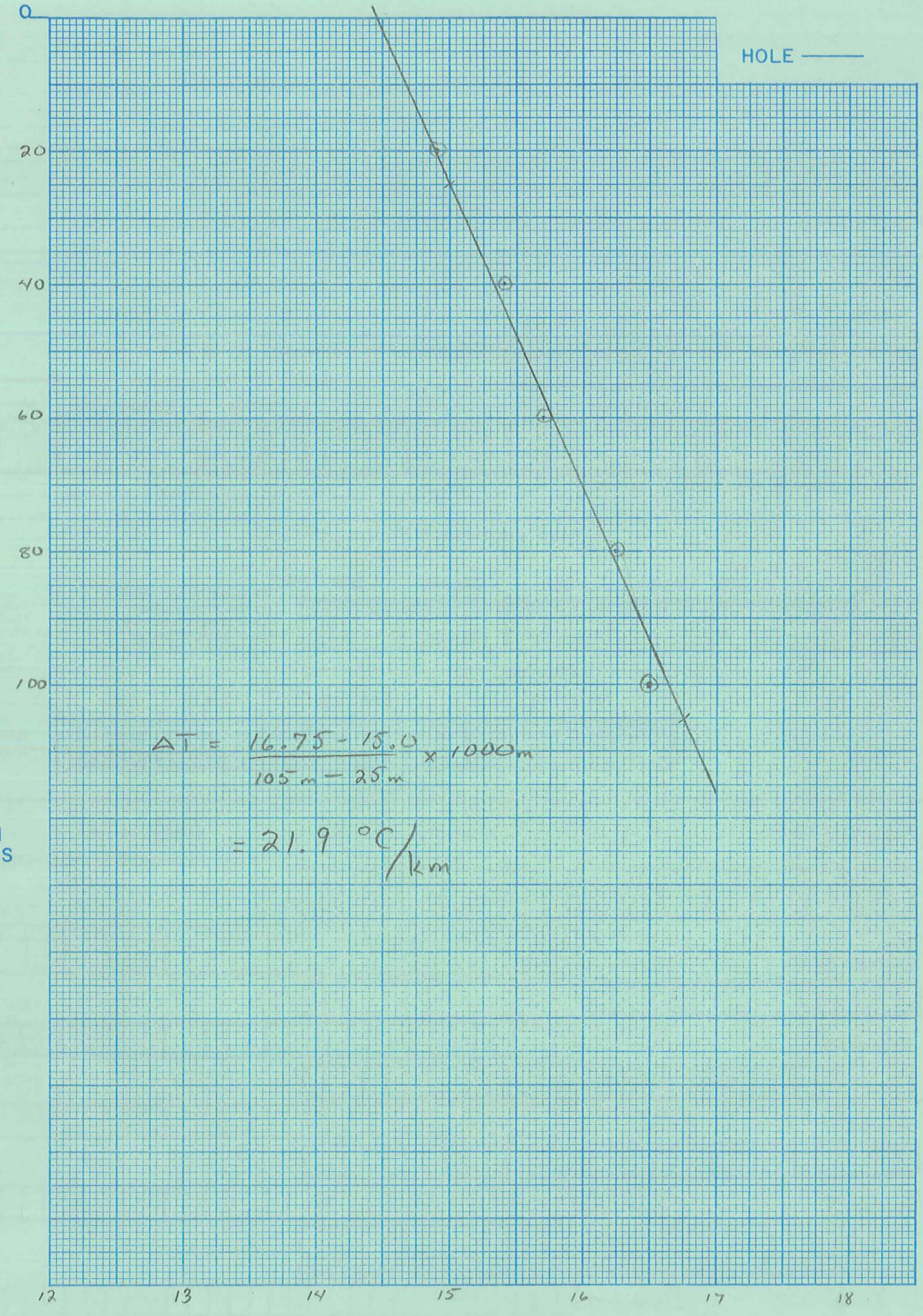
Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

After final segment Start = .999

R2 F8 DAM



$$\Delta T = \frac{16.75 - 15.0}{105\,m - 25\,m} \times 1000\,m$$

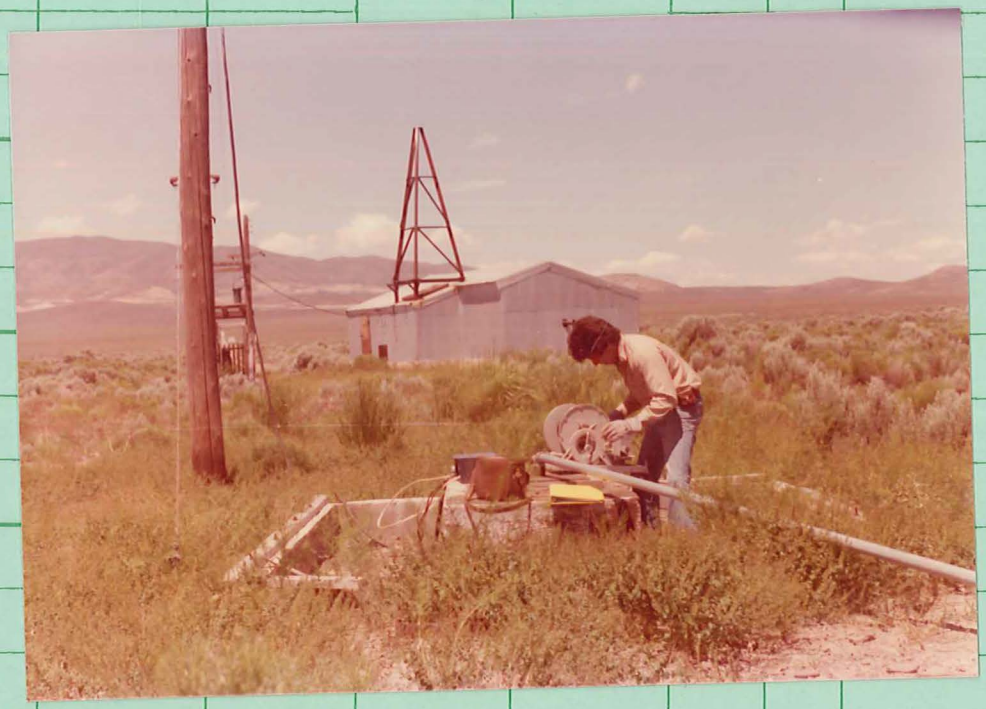
$$= 21.9\ ^{\circ}C/km$$

Date Logged: 6/13/78 12:00

ΔT Well No. Δ278

R2 F8 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Valley fill
20		14.90				H_2O	
40		15.42	0.50	25.0			
60		15.70	0.38	19.0		↓	
80		16.23	0.53	26.5			
100		16.50	0.27	11.5			



K=Conductivity

AMAX EXPLORATION, INC. Q 1.9 41.7°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ279

Property-Project 566 Depth Logged 18 m

Map McDermitt Osgood Mtns 15' Scale AMS Date: Drilled ____ Logged 6/13/78 13:30

State Nev County Humboldt, ____ of ____ of SW of NW of Sec 9 T38N R42E

Instrument DT101 Operator David A. Maler Elevation 5700' (ft) (m)

Comments

Card A

Date Logged

RT JUSTIFY

Proj No (1-5)	Well No (6-10)	DA (11-12)	MO (13-15)	YR (16-18)	* 19	20
566		13	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)
	DAM/				

(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	15.0	41.	000.0	117.	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
32.80	32.60	5700.		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	18.0	-4.6	-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

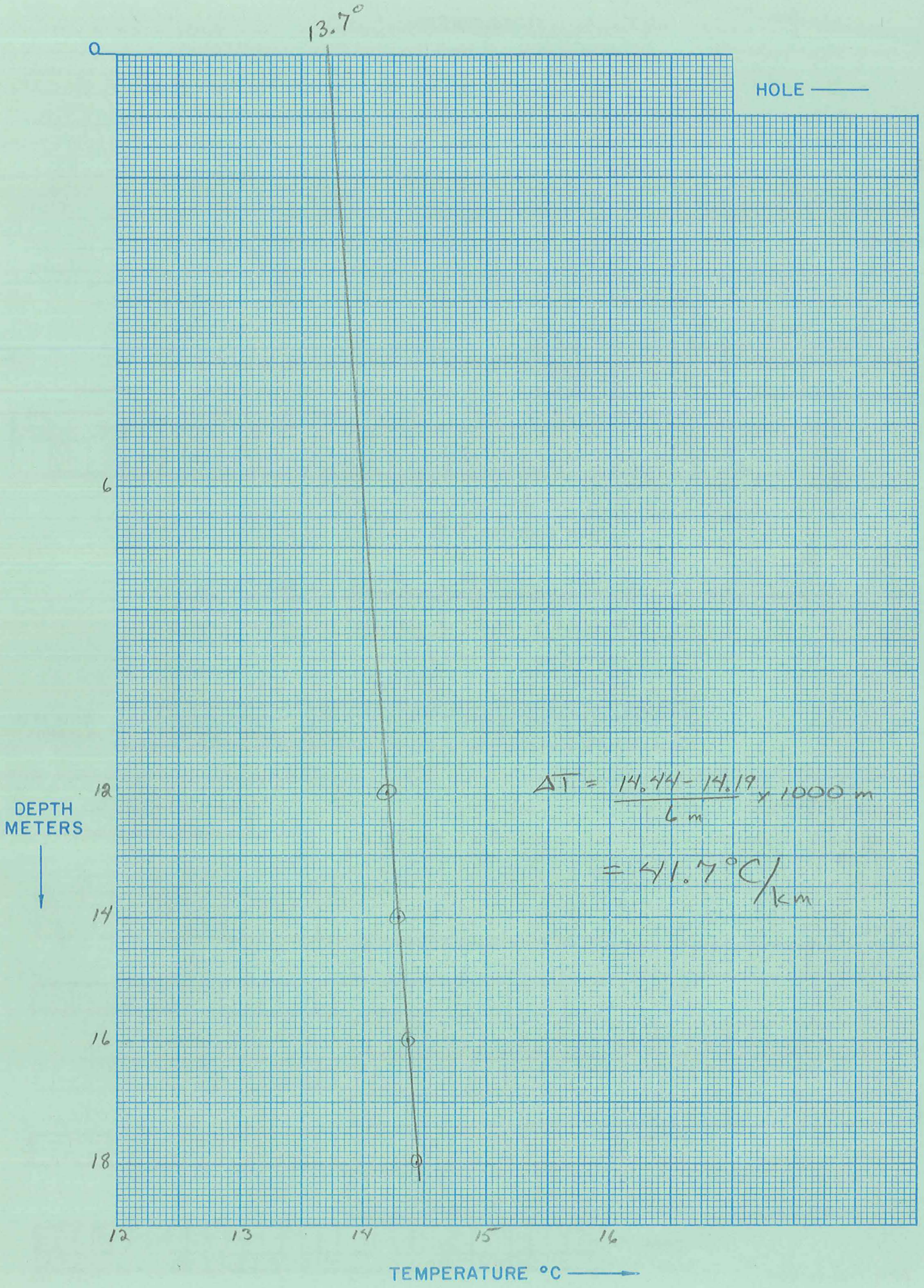
Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

R2F9DAM


13.7°
0
HOLE
6
12
14
16
18
DEPTH METERS
12
13
14
15
16
TEMPERATURE °C
ΔT = 14.44 − 14.19 / 6 m × 1000 m
= 41.7 °C/km

Date Logged: 6/13/78 13:30

ΔT Well No. Δ279

R2F9

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	amphibolite
12		14.19				↓	
14		14.30	.11	55			
16		14.36	.06	30			
18		14.44	.08	40			

K=Conductivity

AMAX EXPLORATION, INC. Q 8.2 178.75°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ280

Property-Project 566 Depth Logged 20 m

Map McDermitt Osgood Mtns 15' Scale AMS Date: Drilled _____ Logged 6/18/78 14:50

State Nev County Humboldt ____ of ____ of SW of SE of Sec 20 T 38N R 42E

Instrument DT 107 Operator David A. Mabe Elevation 5800 (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
5	6	6								1	3		6			7	8	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
																																D	A	M															

(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				1	5	.	0		4	1	.	0	0	0	.	0		1	1	7	.	3	0	.	0				

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

Use decimals

Northing | Easting | Elev

51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
					2	6	.	5	0						3	1	.	5	5	5	8	0	0	.				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
			1	6	.	0				2	0	.	0							-	4	.	6		-	0	.	5	

Segment 2 Start → .999 | 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
.	9	9	9																										

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

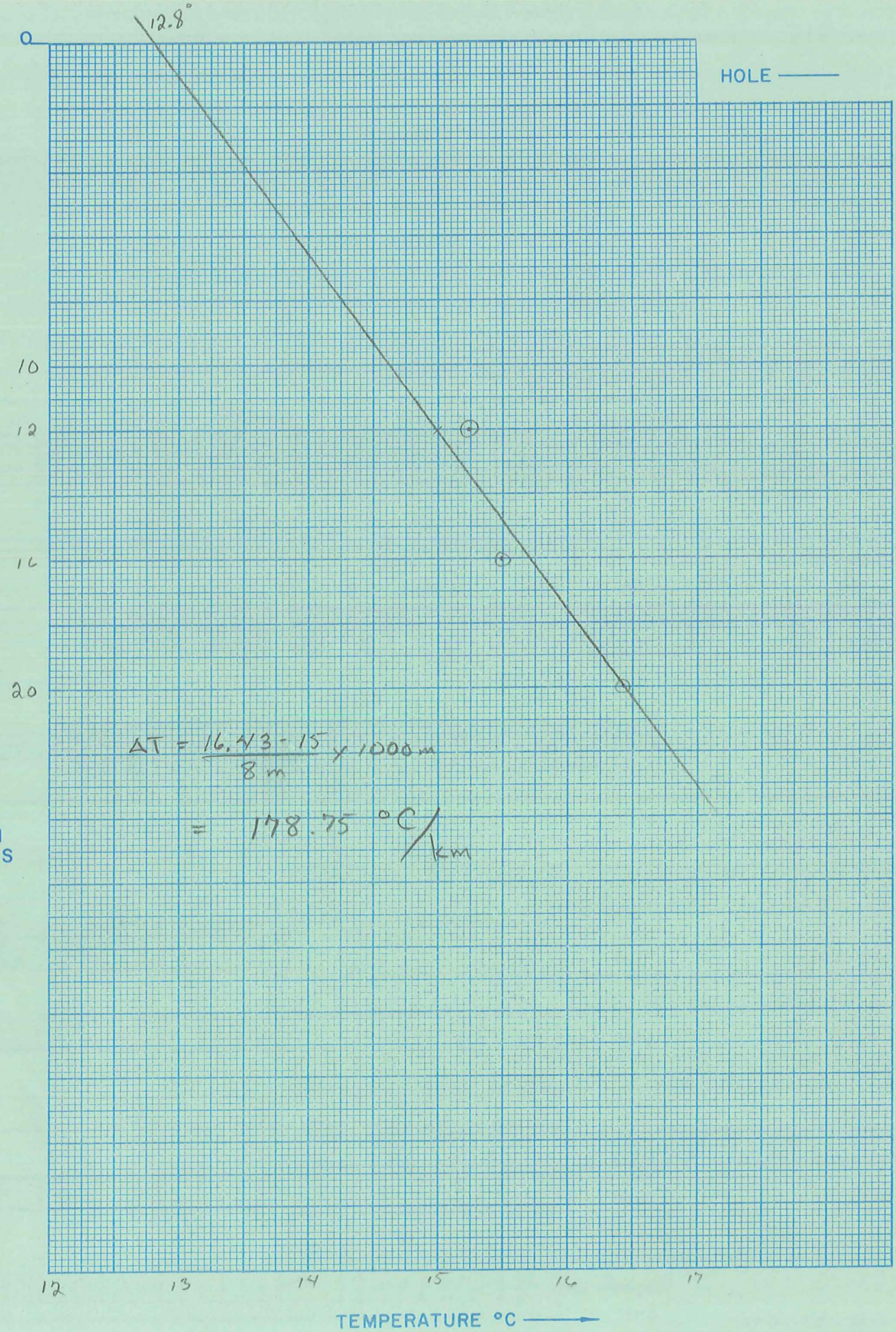
Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

R2 F10DAM


12.8°
HOLE
0
10
12
16
20
DEPTH METERS
12
13
14
15
16
17
TEMPERATURE °C
ΔT = 16.43 - 15 / 8 m × 1000 m
= 178.75 °C/km

Date Logged: 6/13/78 14:30 ΔT Well No. Δ280

R2 F10 DAm

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	amphibolite
12		15.25				↓	
			.24	60			
16		15.49					
			.94	235			
20		16.43				H_2O	

K=Conductivity

page ____ of ____

R2 F11 DAM

AMAX EXPLORATION, INC. Q3,3 73 °C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. A281

Property-Project 566 Depth Logged 40 m

Map Osgood Mtns. Scale _____ Date: Drilled _____ Logged 7/18/78

State NV County Humboldt, ____ of ____ of ____ of ____ of Sec 32 T 38N R 42E

Instrument DT-101 Operator FD Elevation 5350 (ft / m)

Comments re-probe of hole at Bluebird Mine - many holes in BLUEBIRD area

Card A

RT JUSTIFY

Proj No	Well No	DA	MO	YR	*
566		16	7	78	C M

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

Site Description	Operator	Editor	Drilled DA	Drilled MO	Drilled YR
UNCASED HOLE NEAR BLUEBIRD MTN	FD				

(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 **
CM	15.	41.	0.	117.	30.

Use decimals

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

Northing	Easting	Elev	
23.7	31.1	5350.	F ← Write M if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
20.0	35.0	-4.6	-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 →

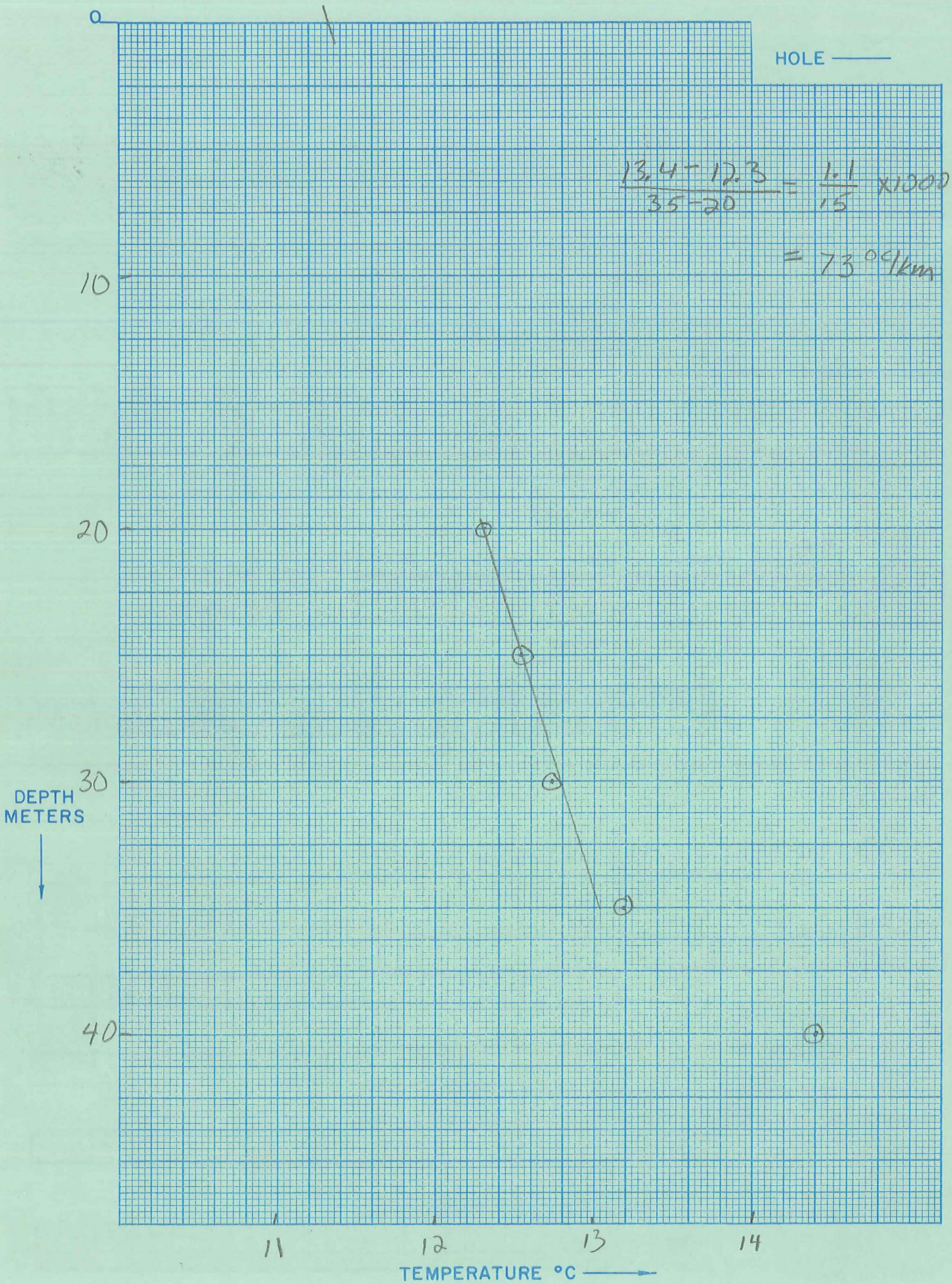
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

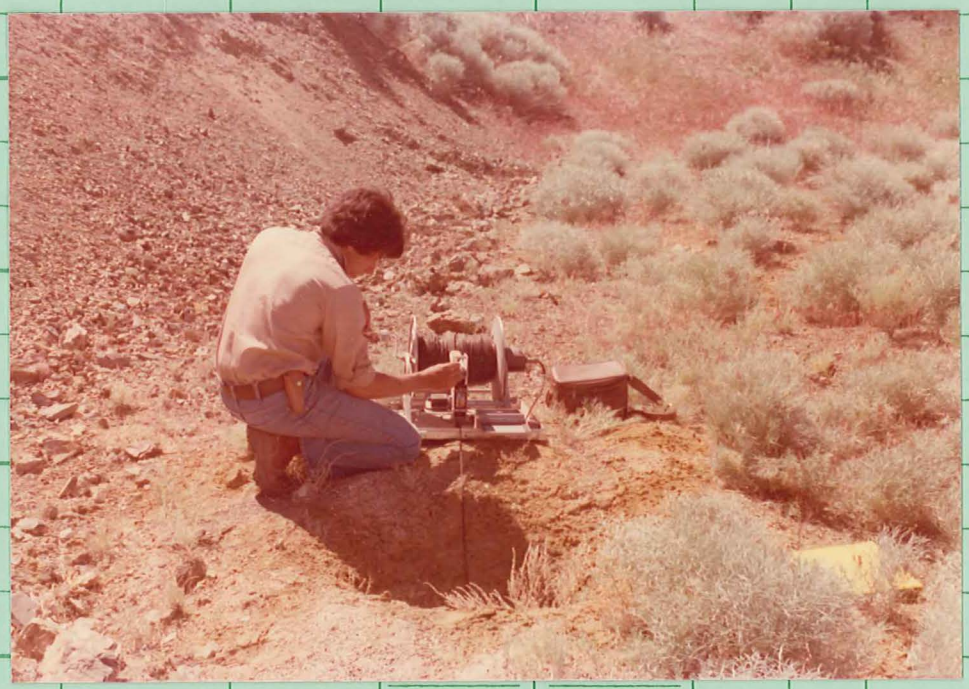
After final segment Start = .999


0
HOLE
10
20
30
40
DEPTH METERS
11
12
13
14
TEMPERATURE °C
$\frac{13.4 - 12.3}{35 - 20} = \frac{1.1}{15} \times 1000$
$= 73^{\circ}$C/km

Date Logged: _____ ΔT Well No. Δ281

BLUEBIRD

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
40		14.4				Air	hornfels – not equilibrated at bottom due to hot dirt dropped down hole
35		13.19	1.21	242			
30		12.74	.45	90			
25		12.54	.2	40			
20		12.3	.24	48			



K=Conductivity

AMAX EXPLORATION, INC. Q2.2 62.5°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ282

Property-Project 566 Depth Logged 25 m

Map McDermitt Peagood Mtns Scale AMS 15' Date: Drilled _____ Logged 6/13/78 12:00

State Nev County Humboldt, ____ of ____ of ____ of ____ of Sec ____ T 37N R 42E

Instrument DT 101 Operator David A Mabee Elevation 4400 (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
		5	6	6						1	3		6			7	8	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
																																DAM																	

(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			1	5	.	0			4	1	.	0	0	0	.	0		1	1	7	.	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	3	.	0	0						3	0	.	0	0	4	4	5	0	.					F

Use decimals

← Write M if if meters

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
			1	0	.	0					2	5	.	0						-	3	.	5		-	0	.	5

Segment 2 Start → .999 | 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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

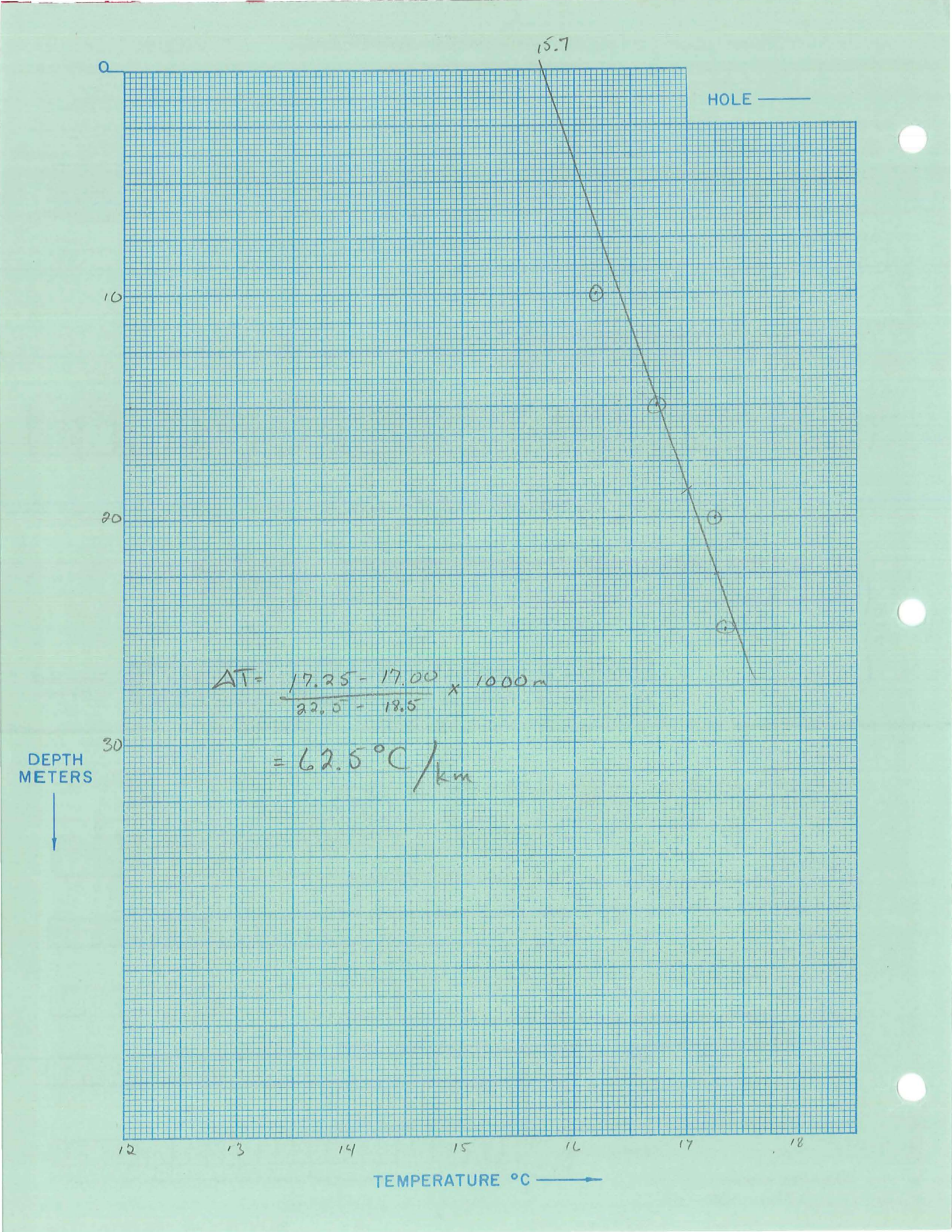
Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

R2 F12 DAM



$$\Delta T = \frac{17.25 - 17.00}{22.5 - 18.5} \times 1000\,m$$

$$= 62.5\,^{\circ}C/km$$

Date Logged: 6/13/78 16:00 ΔT Well No. Δ282

R2 F12 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
10		16.17				Air	Valley Fill
15		16.72	.45	90		H_2O	
20		17.24	0.52	104		↓	
25		17.34	0.12	20			
30		17.34	0.0	0			

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. Q1.7 23.75°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ285

Property-Project 566 Depth Logged 40 m

Map Antler Peak Scale 15' Date: Drilled _____ Logged 6/14/78 9:00

State Nevada County Humboldt, ___ of ___ of NW of SE of Sec 18 T 33N R 43E

Instrument DT 101 Operator David Mako Elevation 5040 (ft / m)

Comments At Marigold Mine on top of hill to east of road

Card A

RT JUSTIFY

Proj No	Well No	Date Logged DA	MO	YR	*
566		14	6	78	CM

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

Site Description	Operator	Editor	Drilled DA	MO	YR
	DAM				

(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	15.0	40.	20.	117.	15.

Use decimals

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

Northing	Easting	Elev	
41.10	10.40	5040.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
19.0	40.0	-7.0	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (End, K, ΔK)

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

Segment 7 Start →

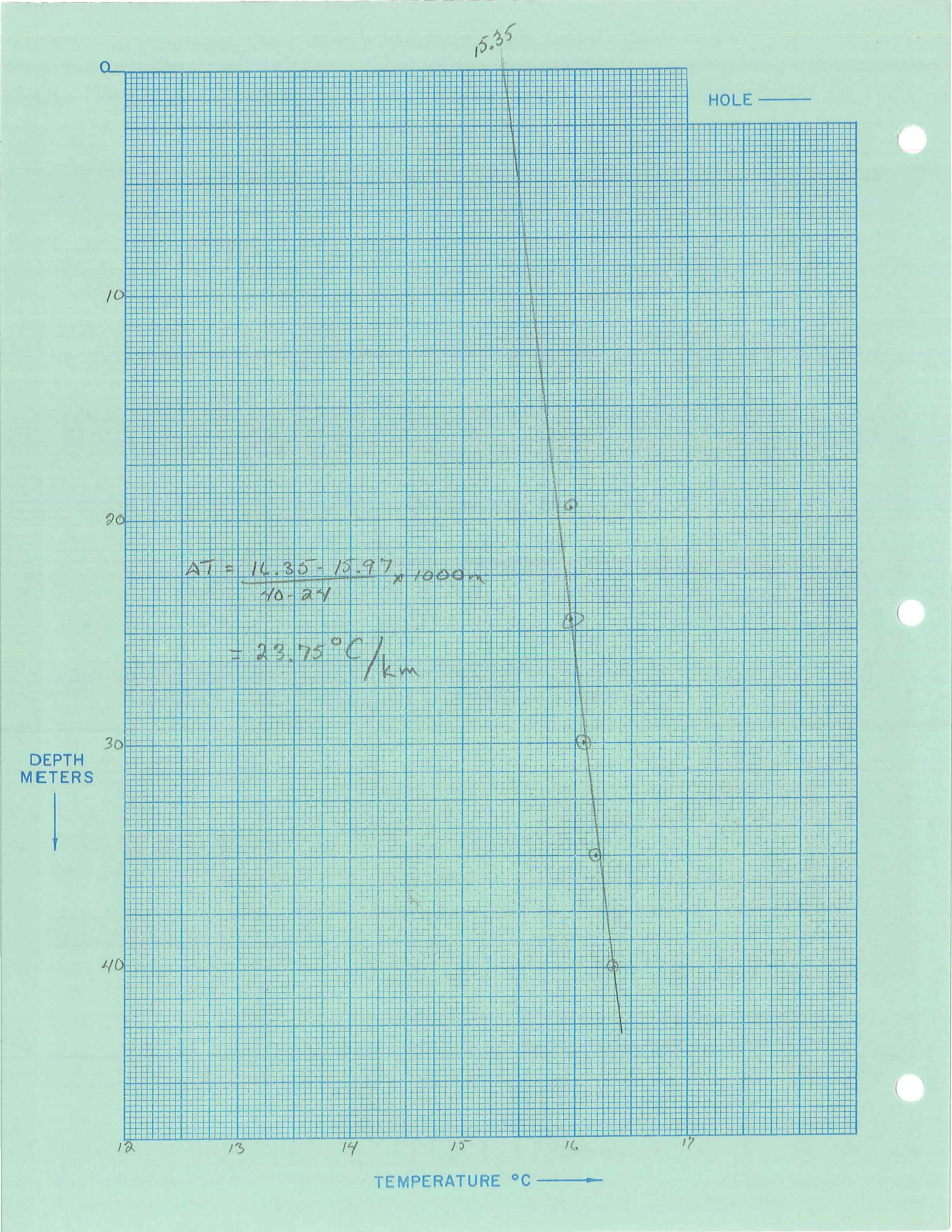
Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

After final segment Start = .999

R 2 F 15 DAM


15.35
0
HOLE
10
20
30
40
DEPTH METERS
12
13
14
15
16
17
TEMPERATURE °C
ΔT = 16.35 - 15.97 / 40 - 24 × 1000m
= 23.75°C/km

Date Logged: 6/14/78 9:00

ΔT Well No. Δ285

R2 F15 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Valmy Formation
19		15.96				↓	- quartzite
24		15.97	0.01	2			
30		16.08	0.11	18.3			
35		16.18	0.10	20			
40		16.35	0.17	34		Air	

K=Conductivity

AMAX EXPLORATION, INC. Q=106 27°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ286

Property-Project 566 Depth Logged 60 m

Map Antler Peak Scale 15' Date: Drilled _____ Logged 6/14/78 11:15

State Nevada County Lander, ___ of ___ of SW of NE of Sec 33 T 32N R 42E

Instrument DT 101 Operator David A. Mako Elevation 5900 (ft / m)

Comments On top of hill near shafts at Buffalo Valley mine

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
		5	6	6						1	4			6		7	8	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
																														D	A	M																	

(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
		C	M			1	5	.	0			4	0	.		3	0	.			1	1	7	.		1	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
					1	8	.	2	0							0	.	5	8	5	9	0	0	.					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
			2	0	.	0					6	0	.	0						−	6	.	0		−	0	.	5		

Segment 2 Start → .999 | End | K | ΔK

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

Segment 8 Start →

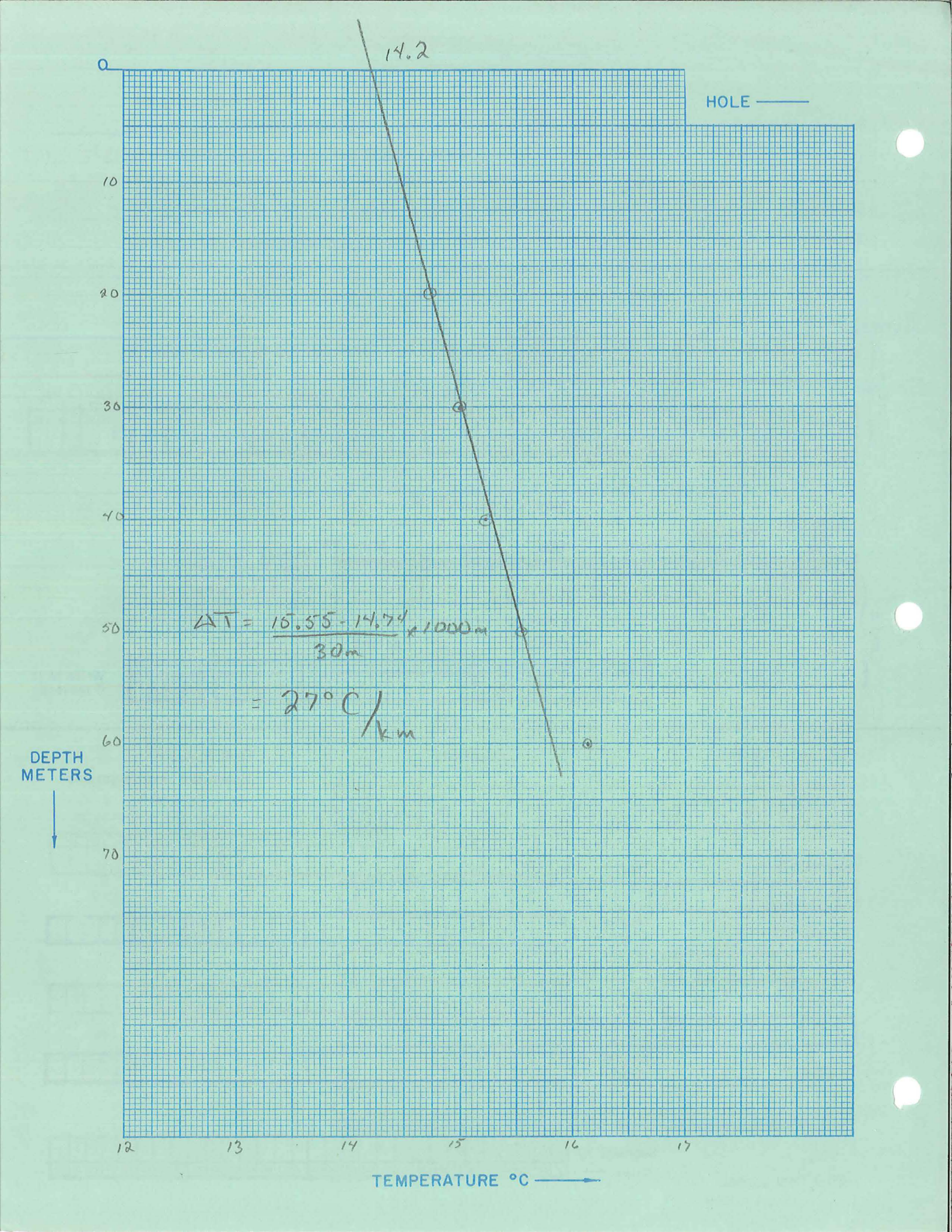
Segment 9

Segment 10 Start →

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
.	9	9	9																										

After final segment Start = .999

R2F14DAM


14.2
HOLE
0
10
20
30
40
50
60
70
DEPTH METERS
12
13
14
15
16
17
TEMPERATURE °C
$\Delta T = \frac{15.55 - 14.74}{30m} \times 1000m$
$= 27°C/km$

Date Logged: 6/14/78 ΔT Well No. Δ286

R2 F17 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	mineralized siltstone
20		14.74				↓	
			0.26	26			
30		15.00					
			0.21	21			
40		15.21					
			0.34	34			
50		15.55					
			0.58	58			
60		16.13				Air	

K=Conductivity

AMAX EXPLORATION, INC. Q4.1 57.6 °C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ288

Property-Project 566 Depth Logged 21 m

Map Antler Peak Scale 15' Date: Drilled Logged 6/14/78 17:30

State Nevada County Lander, of of SE of SE of Sec 30 T 32N R 44E

Instrument DT 101 Operator David A. Mabee Elevation 5600 (ft) (m)

Comments

Card A

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

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

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

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
Site Description (Approx. location, water well?, oil test?, etc.)		Operator	Editor	DA	Drilled MO		YR	
		D A M	/					

Card B

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
Scale Unit IN CM	Map Size (7.5, 15., 60.)	Map Location ** N Lat Degree	Min	W Long Degree	Min **
c m	1 5 . 0	4 0 .	3 0 .	1 1 7 .	1 5 .

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

Use decimals

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
Northing	Easting	Elev	
2 0 . 2 0	2 6 . 4 8	5 6 0 0 .	F

Write M if if meters

Use decimals

Segment 1 = Depths

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
Start	End	Conductivity K	ΔK
1 5 . 0	2 1 . 0	- 7 . 0	- 0 . 5

Best cond. (-K)

Downward extrapolations (-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
Segment 2 Start →	End	K	ΔK
. 9 9 9			

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

Segment 8 Start →

Segment 9

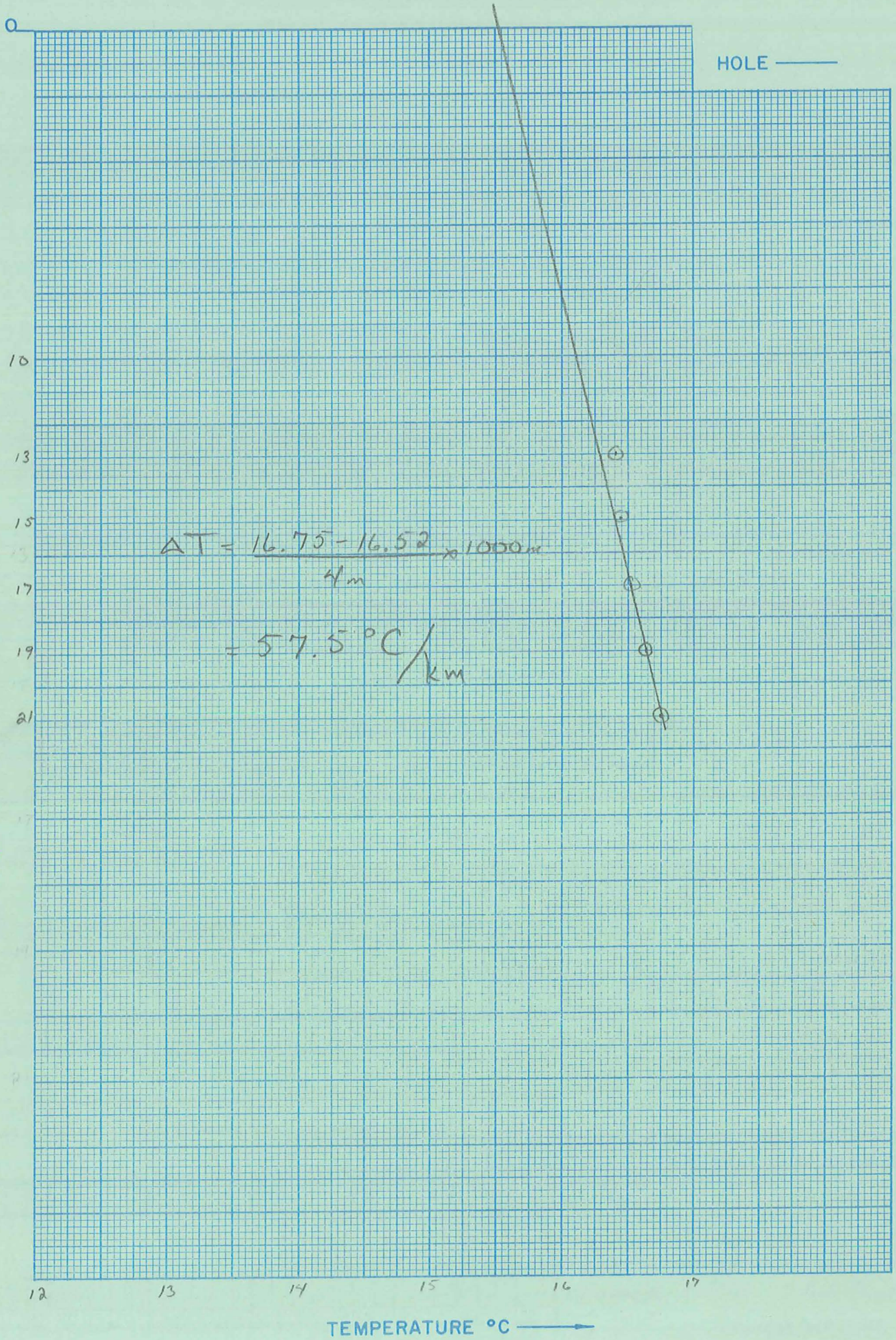
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

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

R2 F21 DAM


0
HOLE
10
13
15
17
19
21
DEPTH METERS
12
13
14
15
16
17
TEMPERATURE °C
ΔT = 16.75 − 16.52 / 4m × 1000m
= 57.5 °C/km

Date Logged: 6/14/78 17:30

ΔT Well No. Δ 288

R 2 F 21 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	mineralized quartzite
13		16.42					Valmy Fm
			0.03	15			
15		16.45					
			0.07	35			
17		16.52					
			0.12	60			
19		16.64					
			0.11	55			
21		16.75				oil+mud	

K=Conductivity

AMAX EXPLORATION, INC. Q 11.0 314.5° C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ289

Property-Project _____ Depth Logged 40 m

Map Buffalo Springs Scale 15' Date: Drilled _____ Logged 6/15/78 9:00

State Nev County Lander, ___ of ___ of NE of NE of Sec 26 T 29N R 41E

Instrument DT 101 Operator David A. Mabe Elevation 4610 (ft) (m)

Comments gradient hole - 2" pipe stands 1 m above ground level. - filled with H2O

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
SGC		15	C	78	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
	DAM				

(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	
C W	15.0	40.	15.	117.	30.	

Use decimals

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

Northing	Easting	Elev	
51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75	76 77 78 79 80
20.18	23.68	4610.	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
20.0	40.0	-3.5	-0.5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → 999 (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)

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

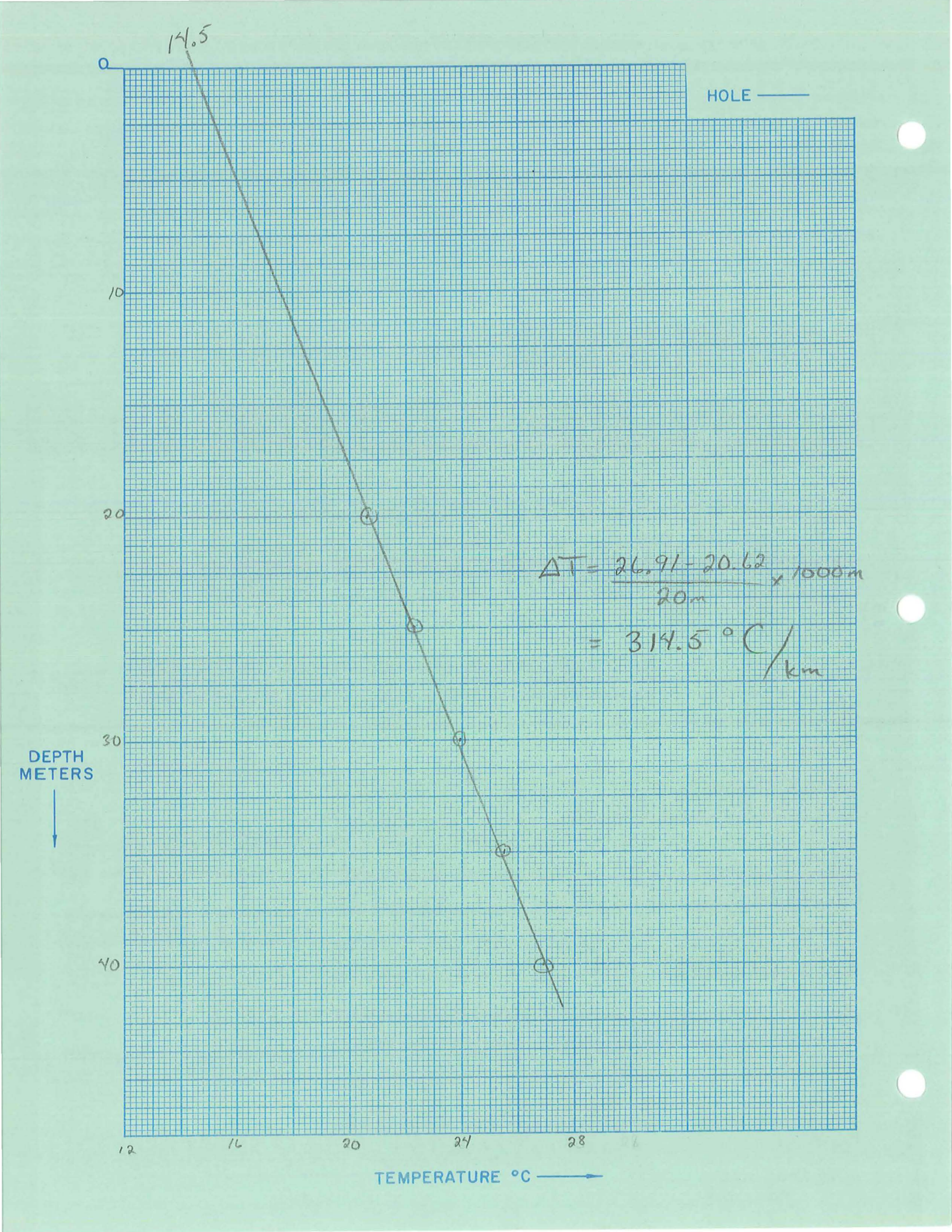
Segment 8 Start →

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

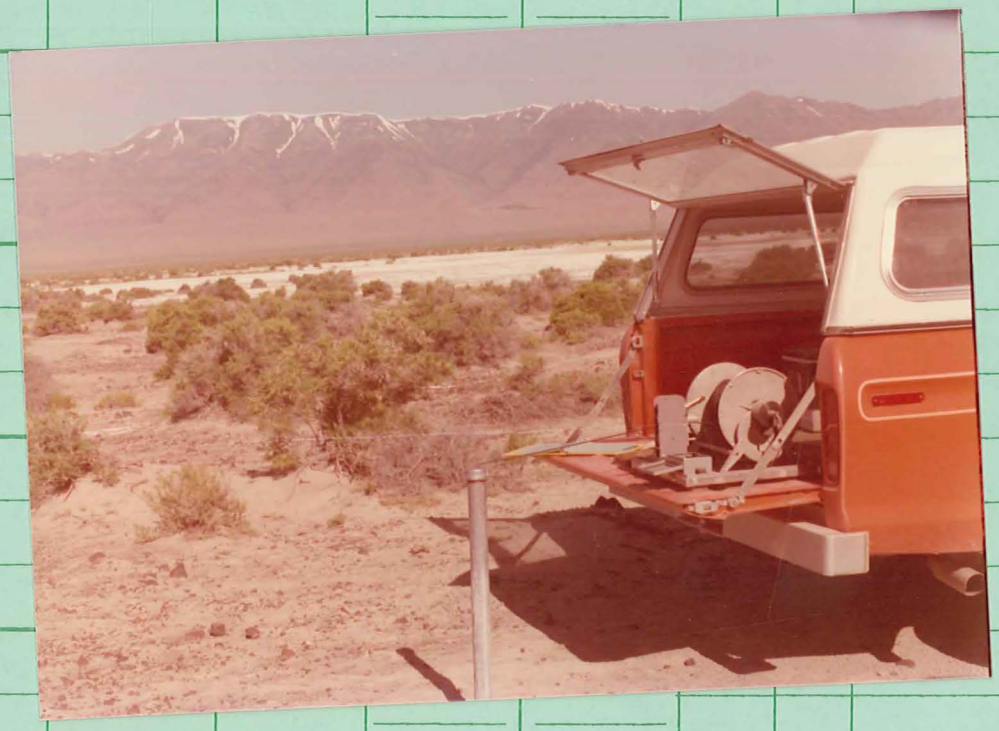
R2 F22 DAM


14.5
0
HOLE
10
20
30
40
DEPTH METERS
12
16
20
24
28
TEMPERATURE °C
ΔT = 26.91 − 20.62 / 20m × 1000m
= 314.5 °C/km

Date Logged: 6/15/78 9:00 ΔT Well No. Δ289

R2 F22 Dam

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						H_2O	in playa
20		20.62					- vesicular basalt
25		22.34	1.72	344		↓	float
30		23.95	1.61	322			
35		25.56	1.61	322			
40		26.91	1.35	270			



K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

180°C/km

Δ290

ΔT Well No. Δ290

Property-Project _____ Depth Logged 22 m

Map McCoy Scale 15' Date: Drilled _____ Logged 6/15/78 11:45

State Nev County Lander, ___ of ___ of SE of SW of Sec 12 T 29N R 43E

Instrument DT 101 Operator David A. Mabe Elevation 4692 (ft / m)

Comments Windmill behind house

Card A

RT JUSTIFY	Proj No	Well No	Date Logged DA	MO	YR	*
1 2 3 4	5 6 6		1 5	6	7 8	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
	D A M				

(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
c m	1 5 .	4 0 .	1 5 .	1 1 7 .	1 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
2 5 . 6 0	2 1 . 7 5	4 6 9 2 .	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
1 2 . 0	2 0 . 0	- 3 . 5	- . 5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 (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)

Segment 3 (Start / End: 21 22 23 24 25 26 27 28 29 30 | 31 32 33 34 35 36 37 38 39 40)

Segment 4 Start →

Segment 5 (Start / End: 21 22 23 24 25 26 27 28 29 30 | 31 32 33 34 35 36 37 38 39 40)

Segment 6 Start →

Segment 7 (Start / End: 21 22 23 24 25 26 27 28 29 30 | 31 32 33 34 35 36 37 38 39 40)

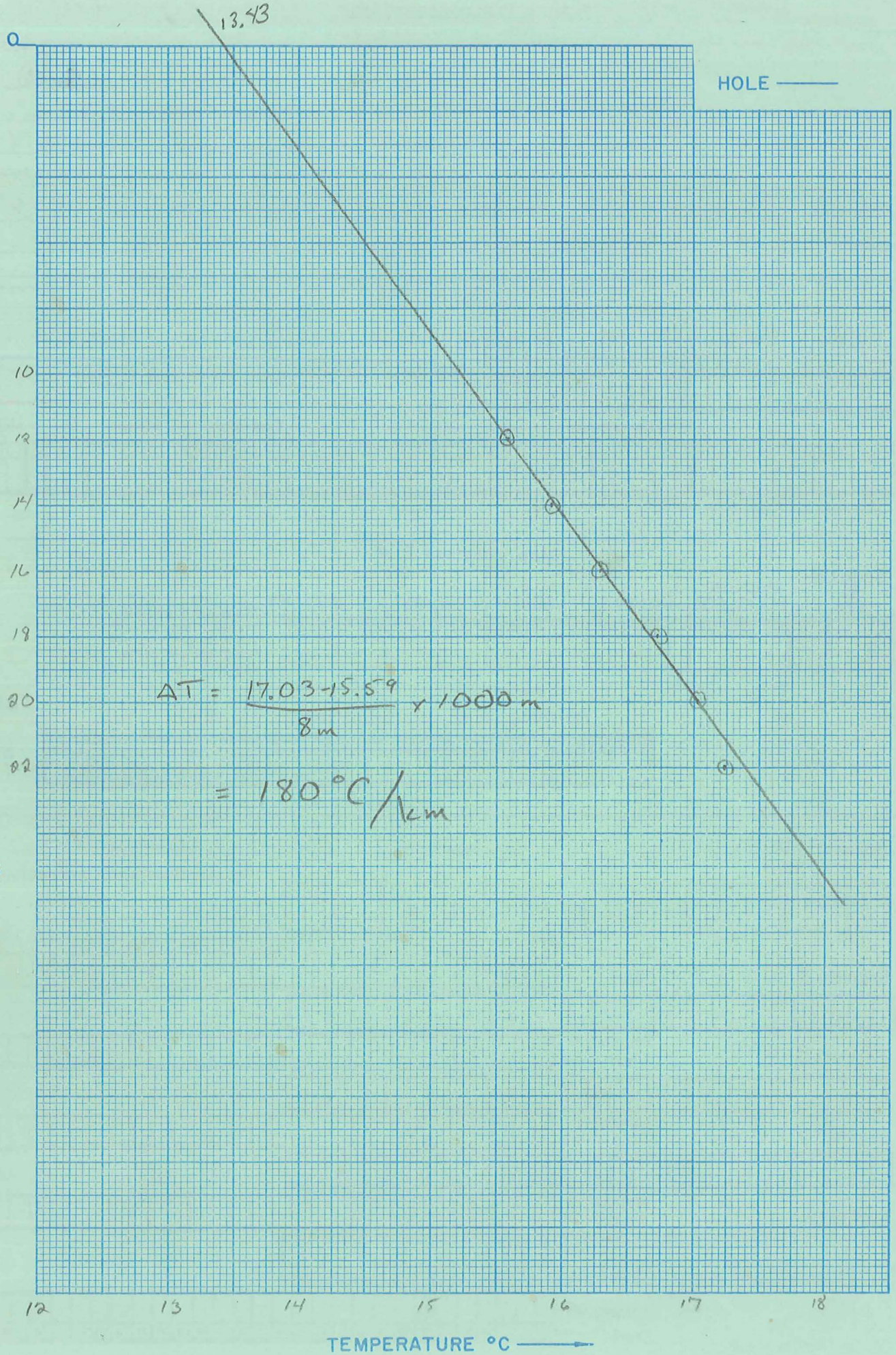
Segment 8 Start →

Segment 9 (Start / End: 21 22 23 24 25 26 27 28 29 30 | 31 32 33 34 35 36 37 38 39 40)

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

R2F24DAM


13.43
HOLE
10
12
14
16
18
20
22
$\Delta T = \frac{17.03 - 15.59}{8m} \times 1000m$
$= 180°C/km$
DEPTH METERS
12
13
14
15
16
17
18
TEMPERATURE °C

Date Logged: 6/15/78 11:45 ΔT Well No. Δ290

R 2 F24 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						H_2O	Valley fill
12		15.69				↓	
14		15.92	0.33	165			
16		16.29	0.37	185			
18		16.72	0.43	215			
20		17.03	0.31	155			
22		17.23	0.2	100			

K=Conductivity

AMAX EXPLORATION, INC.

57°C/km

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ291

Property-Project _____ Depth Logged 32m

Map McCoy Scale 15' Date: Drilled _____ Logged 6/15/78 14:30

State Nev County Lander, ___ of ___ of Unsurveyed of ___ of Sec ___ T 28N R 42E

Instrument DT 101 Operator Paul A. Malo Elevation 5250 (ft) (m)

Comments Mineral hole @ mine

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
		5	6	6						1	5			6		7	8	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
																														D	A	M																	

(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
	C	M			1	5	.			4	0	.			1	5	.			1	1	7	.			1	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
					1	2	.	8	0						3	.	2	0		5	2	5	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
			1	2	.	0					3	2	.	0						−	5	.	0		−	0	.	5

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | 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
.	9	9	9																										

Segment 3 Start →

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

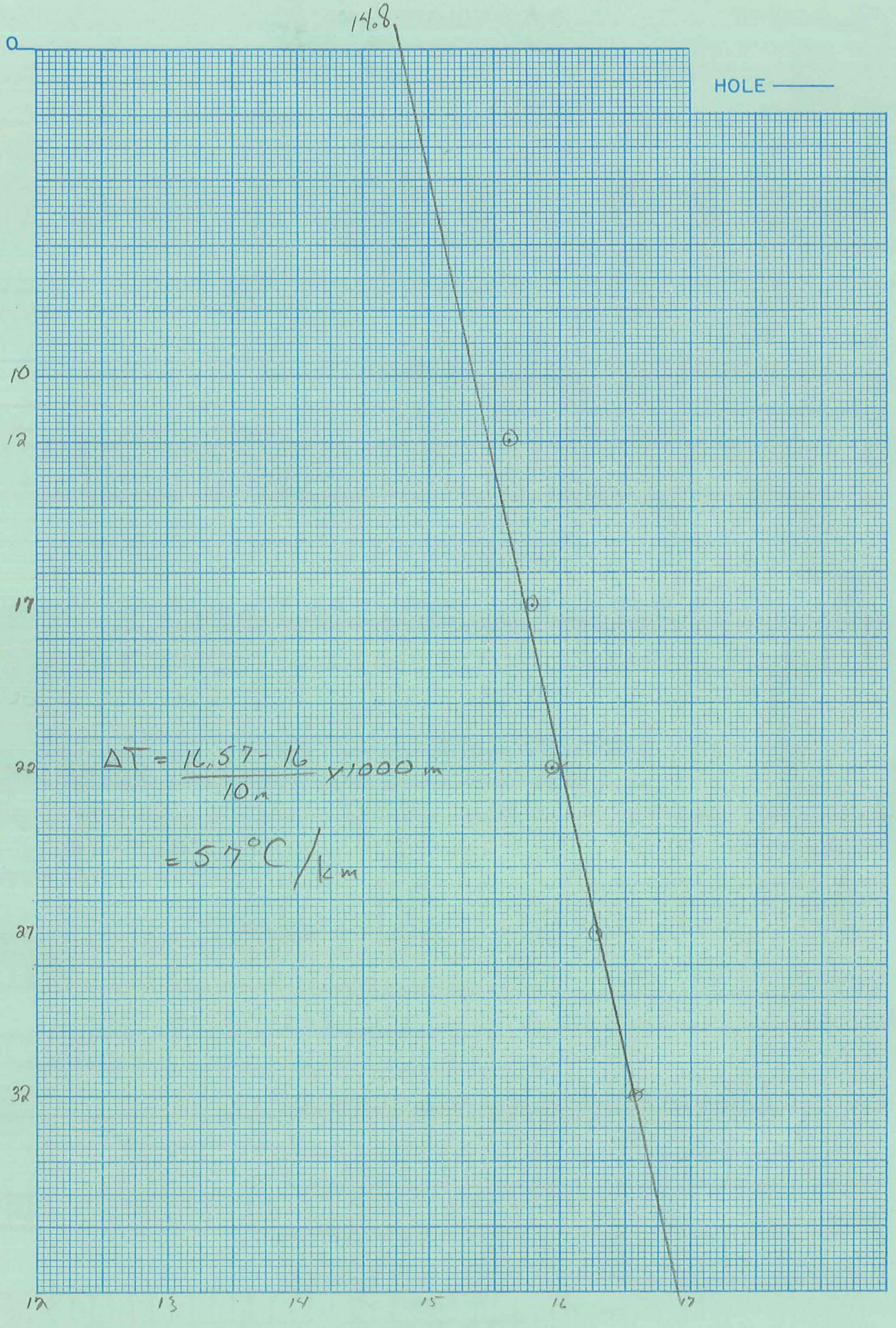
Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

R2 F25 DAM


14.8
0
HOLE
10
12
17
22
27
32
DEPTH METERS
ΔT = 16.57 - 16 / 10m x 1000m
= 57°C/km
12
13
14
15
16
17
TEMPERATURE °C

Date Logged: 6/15/78 14:30 ΔT Well No. Δ291

R2 F25 DAM.

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						Air	Trachyte
12		16.62					- mineralized
			.16	32		↓	
17		15.78					locally
			.16	32			
22		15.94					
			0.34	68			
27		16.28					
			0.29	58			
32		16.57					

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC. Δ292 Q 1.4 MJ RIIIF14

TEMPERATURE/DEPTH LOG

ΔT Well No. C-4 APEX

Property-Project 566 Depth Logged 45m

Map AUSTIN Scale 15' Date: Drilled _____ Logged 6/19/78

State NV County LANDER, ____ of SW of NW of NW of Sec 1 T 18N R 43E

Instrument DT 101 Operator MJ Elevation 6440 (ft / m)

Comments HOLE FLAGGED "C-4" MANY DRILL HOLES (SOME MARKED DDH) ON HILLSIDE MOST ARE PLUGGED w/ CEMENT, 4-5 ARE PROBABLE

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
	5	6	6							1	9			6		7	8	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
																																			M	J												

(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			1	5	.				3	9	.		1	5	.			1	1	7	.		1	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	7	.	0							2	0	.	7		6	4	4	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					3	5	.	0						-	5	.	5		-	0	.	5		

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → End | K | ΔK

51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
											3	5	.	0						5	0	.	0							

Segment 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
.	9	9	9																																														

Segment 4 Start →

Segment 5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

Segment 6 Start →

Segment 7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

Segment 8 Start →

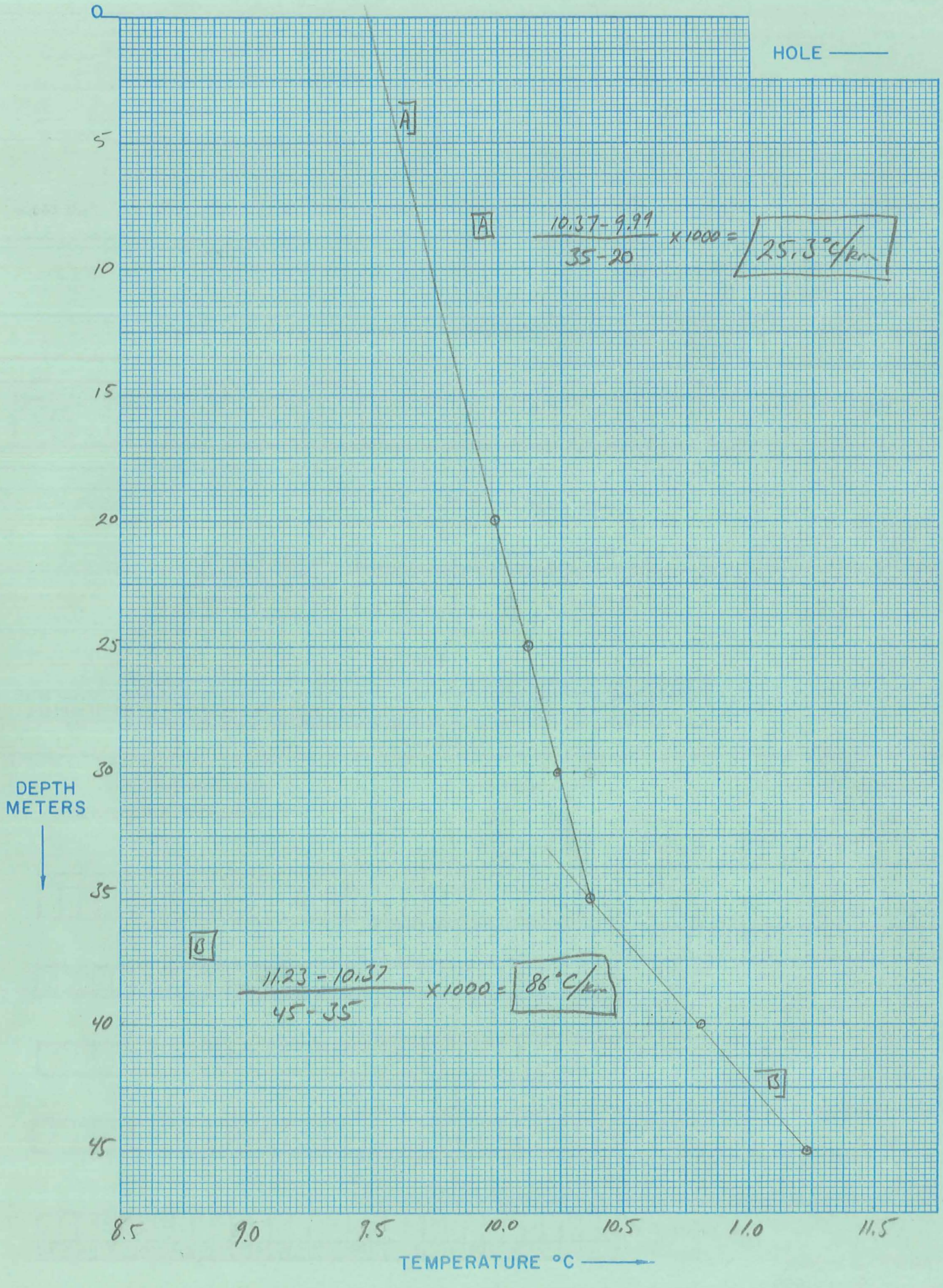
Segment 9

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


HOLE
A
B
A $\frac{10.37 - 9.99}{35 - 20} \times 1000 = 25.3\,^{\circ}C/km$
B $\frac{11.23 - 10.37}{45 - 35} \times 1000 = 86\,^{\circ}C/km$
0
5
10
15
20
25
30
35
40
45
DEPTH METERS
8.5
9.0
9.5
10.0
10.5
11.0
11.5
TEMPERATURE °C

Δ292 MJ RIIIF14

Date Logged: 6/19/78

ΔT Well No. C-4 APEX

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0						↑	MEDIUM-GRAINED GRANITE
							w/ WHITISH ALTERATION
20		9.99					ZONES
25		10.12	.13	26		D	LOCATED SW OF FIRST
30		10.23	.11	22			BUILDING, 200 yds
35		10.37	.14	28		–	
40		10.81	.44	88		P	
45		11.23	.42	84			
50		11.21	-.02	-4		↓	

K=Conductivity

AMAX EXPLORATION, INC. Δ293 NJ RIII F15 Q 0.3

TEMPERATURE/DEPTH LOG

ΔT Well No. SEC 9 WELL

Property-Project 566 Depth Logged 26 m

Map GANDOLFO CANYON Scale 7.5' Date: Drilled ____ Logged 6/19/68

State NV County LANDER, ____ of NW of NW of SW of Sec 9 T 18N R 42E

Instrument DT 101 Operator MJ Elevation 5796 (ft/m)

Comments OUT OF COMMISION McKEE IRRIG. PUMP

Card A

RT JUSTIFY

Proj No	Well No	Date Logged DA	MO	YR	*
566		19	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
	MJ				

(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	39.	22.5	117.	22.5

Use decimals

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

Northing	Easting	Elev	
28.85	38.3	5796.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
14.0	26.0	-3.5	-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 →

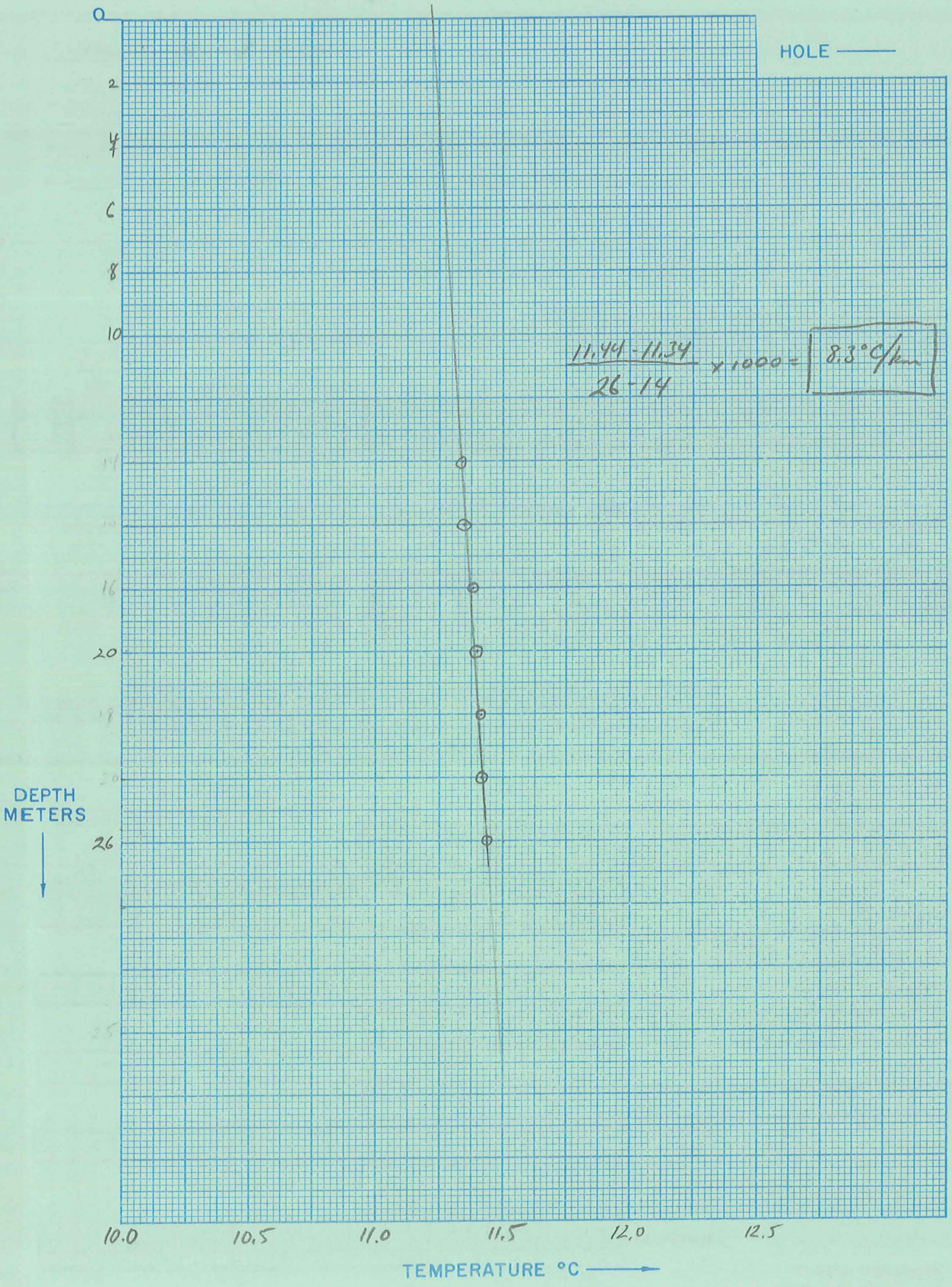
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
2
4
6
8
10
14
16
20
18
22
26
DEPTH METERS
10.0
10.5
11.0
11.5
12.0
12.5
TEMPERATURE °C
$\frac{11.44 - 11.34}{26 - 14} \times 1000 = 8.3°C/km$

Δ293 MJ R III F15

Date Logged: 6/19/78

ΔT Well No. SEC 9 WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal
14		11.34					
			.01	5			
16		11.35					
			.03	15			
18		11.38					
			.02	10		↑	
20		11.40					
			.02	10		Air	
22		11.42					
			.00	0			
24		11.42			1m	WATER AT BOTTOM	
			.02	10			
26		11.44					

K=Conductivity

AMAX EXPLORATION, INC. D299 MJ RIII F16 Q2.7

TEMPERATURE/DEPTH LOG ΔT=77

ΔT Well No. WELL 6044

Property-Project 566 Depth Logged 90 m

Map CANDELFO CANYON Scale 7.5' Date: Drilled _____ Logged 6/19/78

State NV County LANDER, ____ of — of — of — of Sec — T 18 N R 41 E

Instrument DT 101 Operator MJ Elevation 6044 (ft m)

Comments JENSON JACK PUMP

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
	5	6	6							1	9		6			7	8	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
																														M	J	/															

(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			3	7	.		2	2	.	5		1	1	7	.		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
					1	.	0								1	0	.	3		6	0	4	4	.					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
			2	0	.	0					9	0	.	0						−	3	.	5		−	0	.	5	

Segment 2 Start → .999 | 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
.	9	9	9																										

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

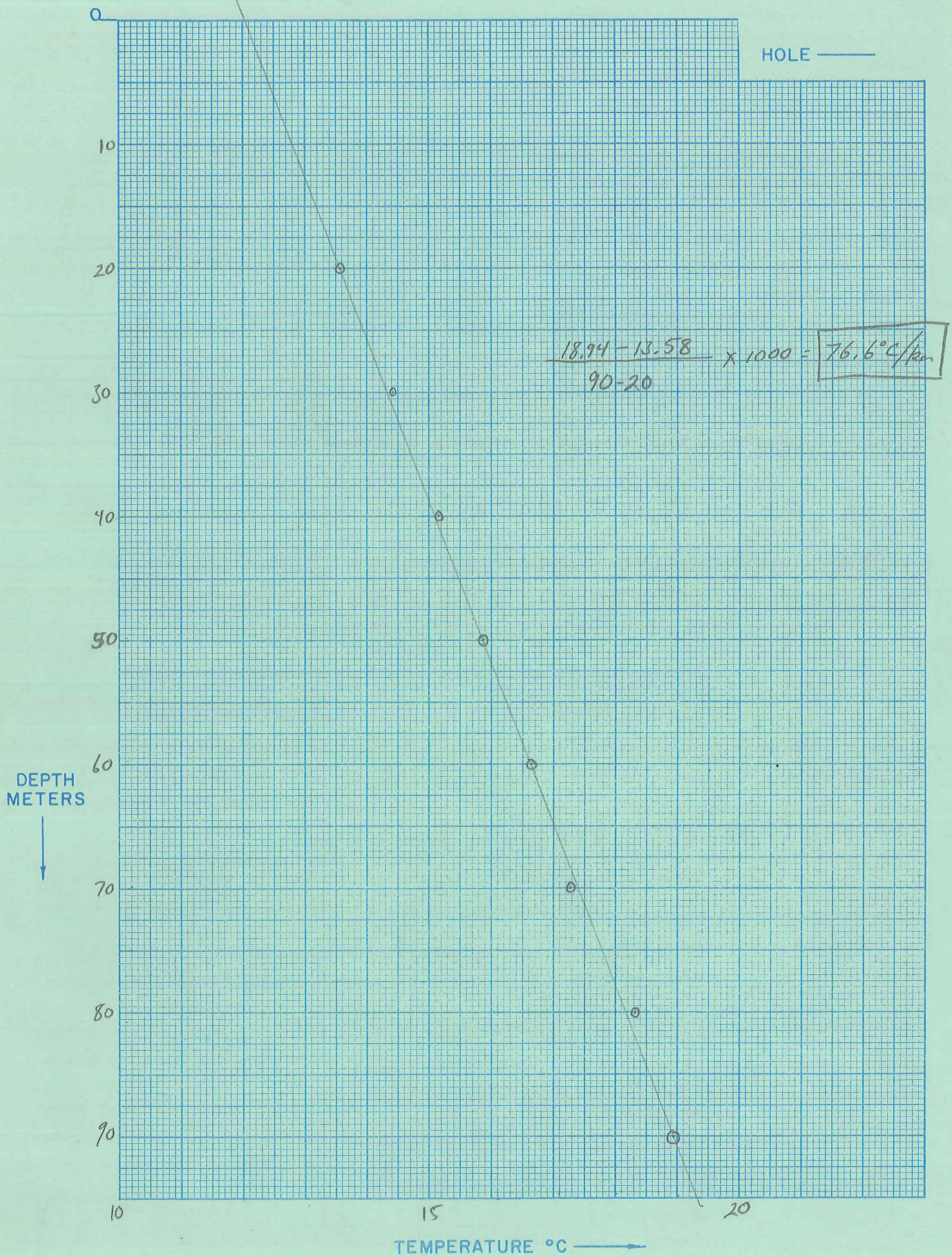
Segment 8 Start →

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



$$\frac{18.94 - 13.58}{90 - 20} \times 1000 = \boxed{76.6\,^{\circ}C/km}$$

D294 MJ RIII F 16

Date Logged: 6/19/78 ΔT Well No. 6044 NEW

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal - ON PEDIMENT
							NEAR FAULT -
20		13.58	.83	83		↑	MOUNTAIN FRONT IS
30		14.41	.75	75			ONE MILE AWAY
40		15.16	.72	72		AIR	
50		15.88	.76	76			
60		16.64	.64	64		↓	
70		17.28	1.03	103			
80		18.31	.63	63		SOME H_2O BOTTOM 1 METER	
90		18.94					

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

D295 MJ RIII F17
DT 99 Q 3,5
ΔT Well No. 6015 WELL

Property-Project 566 Depth Logged 80 m

Map DUTCH FLAT Scale 7.5' Date: Drilled _____ Logged 6/19/78

State NV County LANDER, ____ of ____ of ____ of ____ of Sec ____ T 17 N R 41 E

Instrument DT 101 Operator MJ Elevation 6015 (ft / m)

Comments ~3.5 MILES SE OF NW CORNER OF QUAD

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
		5	6	6						1	9		6			7	8	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
																																	M	J	/													

(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
	C	M			1	.	5				3	9	.		1	5	.		1	1	7	.		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
					4	3	.	6					1	1	.	2		6	0	1	5	.							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				8	0	.	0							−	3	.	5		−	0	.	5	

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2 Start → .999 | 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
.	9	9	9																										

Segment 3 Start →

Segment 4 Start →

Segment 5

Segment 6 Start →

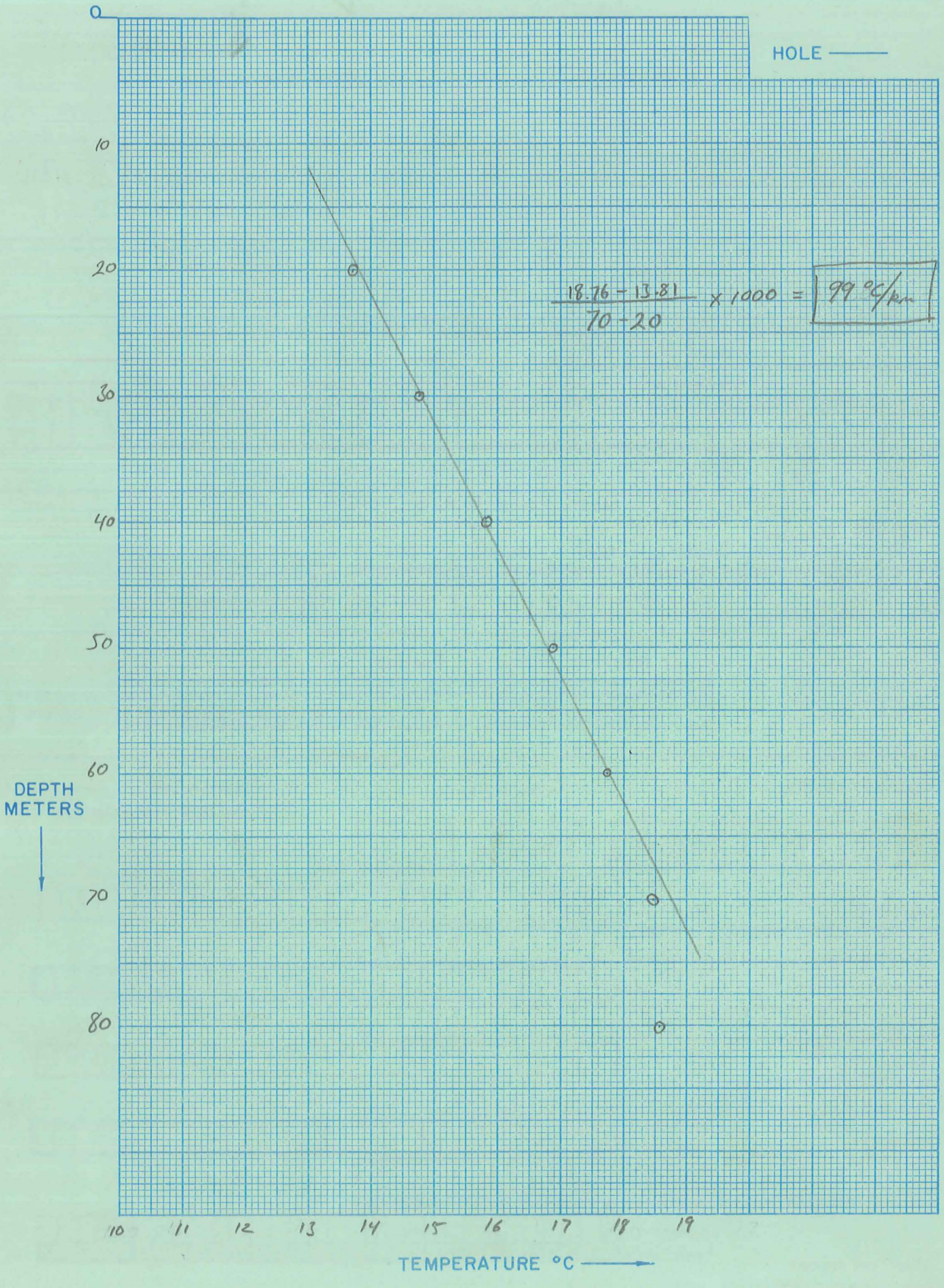
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

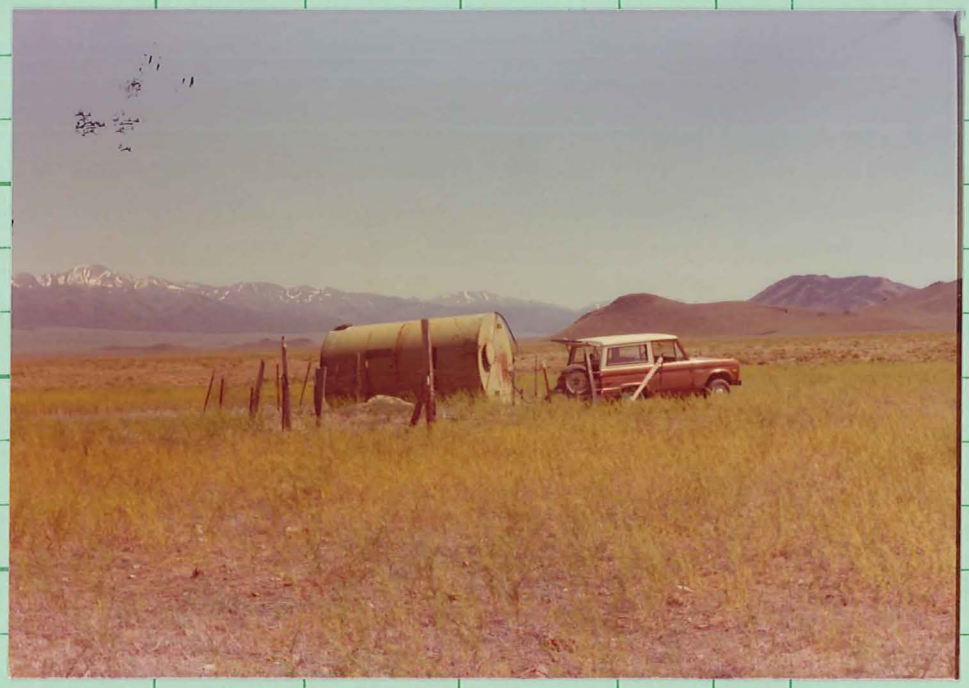

HOLE
0
10
20
30
40
50
60
70
80
DEPTH METERS
10
11
12
13
14
15
16
17
18
19
TEMPERATURE °C
$\frac{18.76 - 13.81}{70 - 20} \times 1000 = 99\ °C/km$

Δ295 MJ RIII F17

Date Logged: 6/19/78

ΔT Well No. 6015 WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal - NEAR MOUNTAIN FRONT ON PEDIMENT
20		13.72	1.06	106			
30		14.78	1.03	103			LARGE VOLCANIC PLUG (?) w/ DIKES (?) DIRECTLY TO WEST CALLED IRON MTN. ON AMS
40		15.81	1.08	108			
50		16.89	.84	84			
60		17.73	.76	76			
70		18.49	.09	9			
80		18.58					BOTTOM AROUND 72m



K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

Δ296

MJ RIII F18
Q=8.7 ΔT248

ΔT Well No. DRUMM WELL

Property-Project 566 Depth Logged 30 m

Map DUTCH FLAT Scale 7.5' Date: Drilled _____ Logged 6/17/78

State NV County LANDER, ____ of ____ of SW of SW of Sec 24 T 17N R 41E

Instrument DT 101 Operator MJ Elevation 5900 (ft / m)

Comments DISMANTLED

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
	5	6	6							1	9		6			7	8	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
																																			MJ													

(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
	C	M			7	.	5			3	9	.	1	5	.				1	1	7	.	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	.	1							1	8	.	1		5	9	0	0	.					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
			2	0	.	6				3	0	.	0							−	3	.	5		−	0	.	5	

Segment 2 Start → .999 | 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
	.	9	9	9																									

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

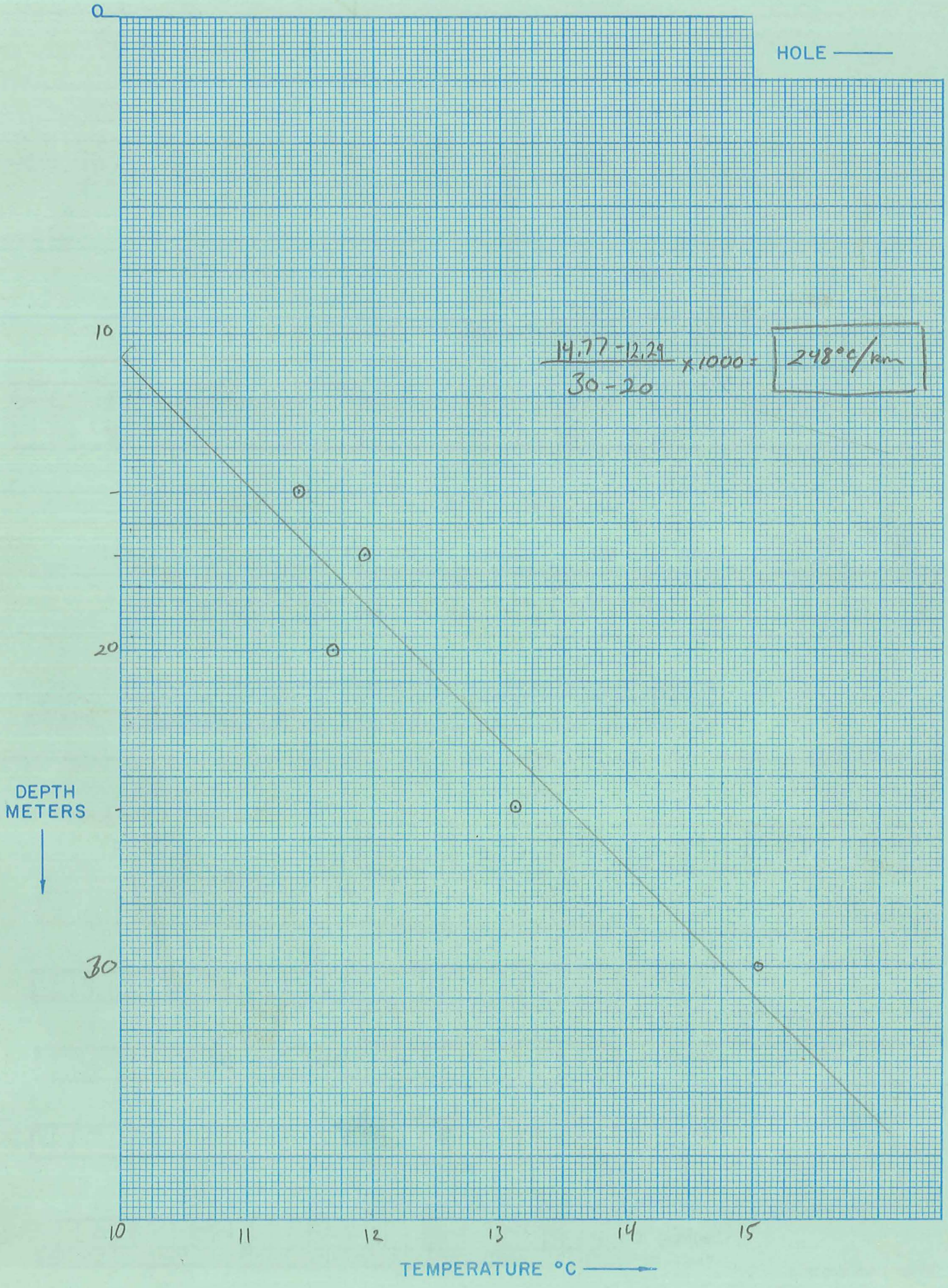
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999

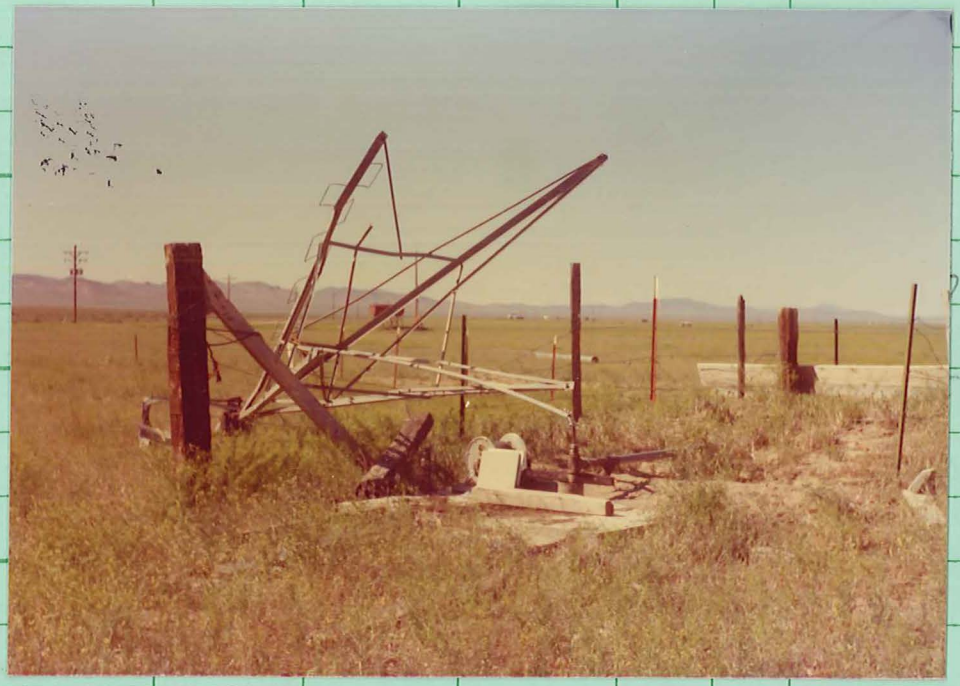

HOLE
0
10
20
30
DEPTH METERS
10
11
12
13
14
15
TEMPERATURE °C
$\frac{14.77 - 12.29}{30 - 20} \times 1000 =$ 248°C/km

Δ296 MJ RIII F18

Date Logged: 6/19/78

ΔT Well No. Drumm Well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qal - NEAR MTN. FRNT
15		11.41					
17		11.94	.53	265			
20		11.68	-.26	-86.6			
25		13.12	1.44	288			
30		15.04	1.92	384			



K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

D297

MJ RIII F19

ΔT 155 Q5.4

ΔT Well No. UN-MAPPED WELL

Property-Project 566 Depth Logged 55 m

Map DUTCH FLAT Scale 7.5' Date: Drilled Logged 6/19/78

State NV County LANDER, of of SW of NW of Sec 25 T 17N R 41E

Instrument DT 101 Operator MJ Elevation 5940 (ft / m)

Comments NOT ON MAP, EXCAVATION PIT W/ MOUNDS AT EITHER END NEXT TO PIPE

Card A

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

1-4	5-10	11-12	13-15	16-18	19-20
566		19	6	78	CM

*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)
	MJ				

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

Card B

Scale Unit IN CM (21-25)	Map Size (7.5, 15., 60.) (26-30)	Map Location ** N Lat Degree (31-35)	Min (36-40)	W Long Degree (41-45)	Min ** (46-50)
CM	7.5	35.	15.	117.	22.5

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

Use decimals

Northing (51-60)	Easting (61-70)	Elev (71-75)		Write M if if meters
28.2	18.3	5940.		F

Use decimals

Segment 1 = Depths

Start (21-30)	End (31-40)	Conductivity K (41-45)	ΔK (46-50)
20.0	45.0	-3.5	

Best cond. (-K)

Downward extrapolations (-ΔK)

Segment 2

Start (51-60)	End (61-65)	K (66-70)	ΔK (71-75)
45.0	55.0	-3.5	-0.5

Segment 3: .999

Segment 4 Start →

Segment 5

Segment 6 Start →

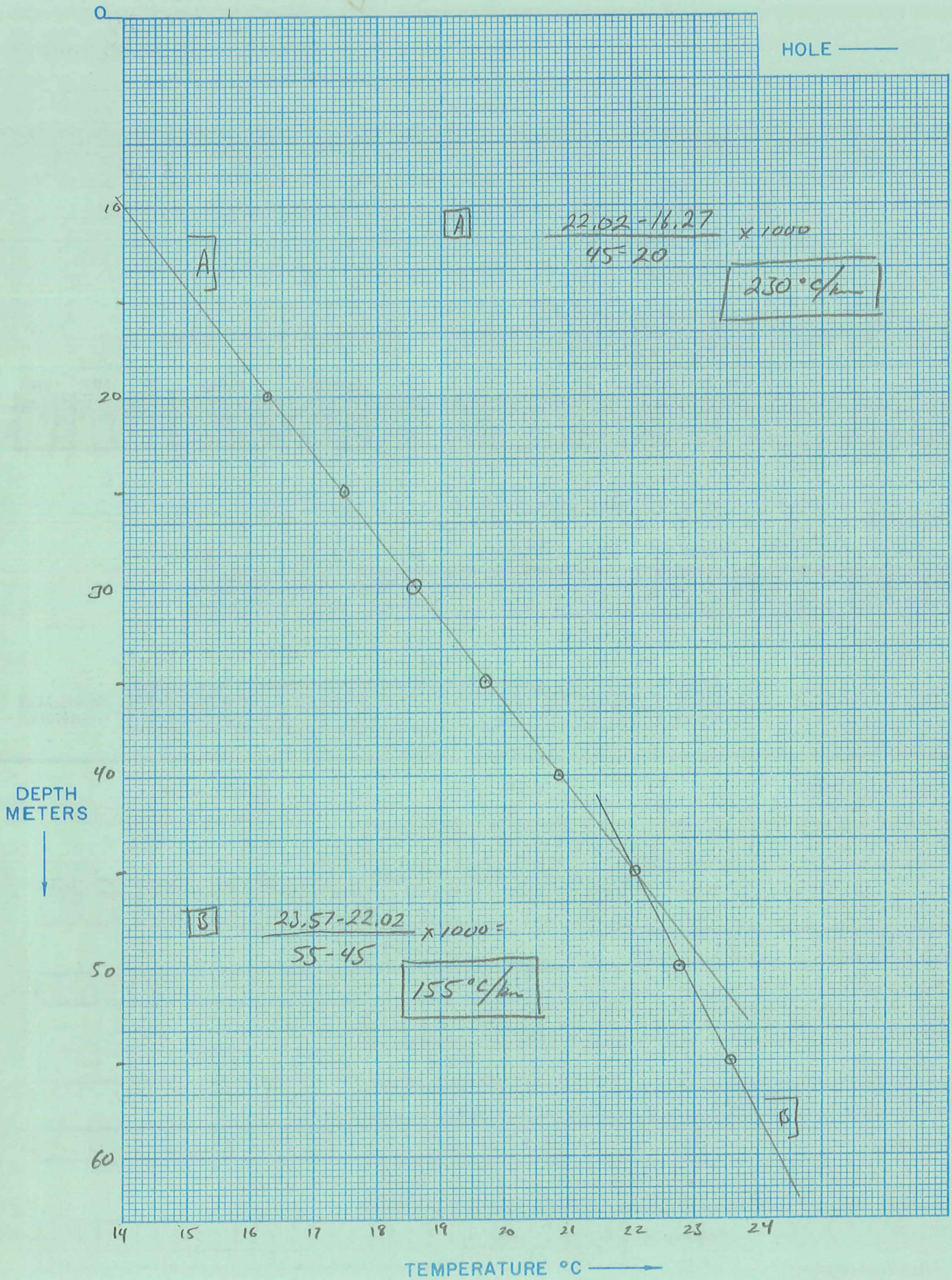
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
DEPTH METERS
A
A
22.02 - 16.27 / 45 - 20 x 1000
230 °C/km
B
23.57 - 22.02 / 55 - 45 x 1000 =
155 °C/km
B
14
15
16
17
18
19
20
21
22
23
24
TEMPERATURE °C

Δ297 MS RII F19

Date Logged: 6/19/78

ΔT Well No. UN-MAPPED WELL

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
0							Qtl NEAR FRONT
							NEXT TO EXC. PIT
15							FLOAT CONTAINS ASH w/ QTZ PHENOS
20		16.27				↑	
25		17.49	1.22	244			
30		18.60	1.11	222			
35		19.70	1.10	220		Air	
40		20.86	1.16	232			
45		22.02	1.16	232			
50		22.77	.75	150			
55		23.57	.80	160		↓	

K=Conductivity

page ____ of ____

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

D298 MJ RIII F20
ΔT=180 Q 6.3

ΔT Well No. OFF-MAP JENSEN

Property-Project 566 Depth Logged 77m

Map DUTCH FLAT Scale 7.5' Date: Drilled Logged 6/19/78

State NV County LANDER, of of of NE of Sec 35 T 17N R 41E

Instrument DT 101 Operator MJ Elevation 6040 (ft m)

Comments NOT ON '69 MAP

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
5	6	6								1	9		6			7	8	C	M

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

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
Site Description																														Operator					Editor					DA		MO		YR			
																														MJ																	

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

Card B

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
Scale Unit IN CM					Map Size (7.5, 15., 60.)					Map Location ** N Lat Degree					Min					W Long Degree					Min				**
C	M				7	.	5			3	9	.			1	5	.			1	1	7	.		2	2	.	5	

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

Use decimals

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
Northing										Easting										Elev									
					2	3	.	1							1	6	.	5		6	0	4	0	.					F

Write M if if meters

Use decimals

Segment 1 = Depths

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
Start										End										Conductivity K					ΔK				
			1	7	.	0					6	7	.	0						-	3	.	5		-	0	.	5		

Best cond. (-K)

Downward extrapolations (-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
Segment 2 Start →			.	9	9	9														End					K				ΔK

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

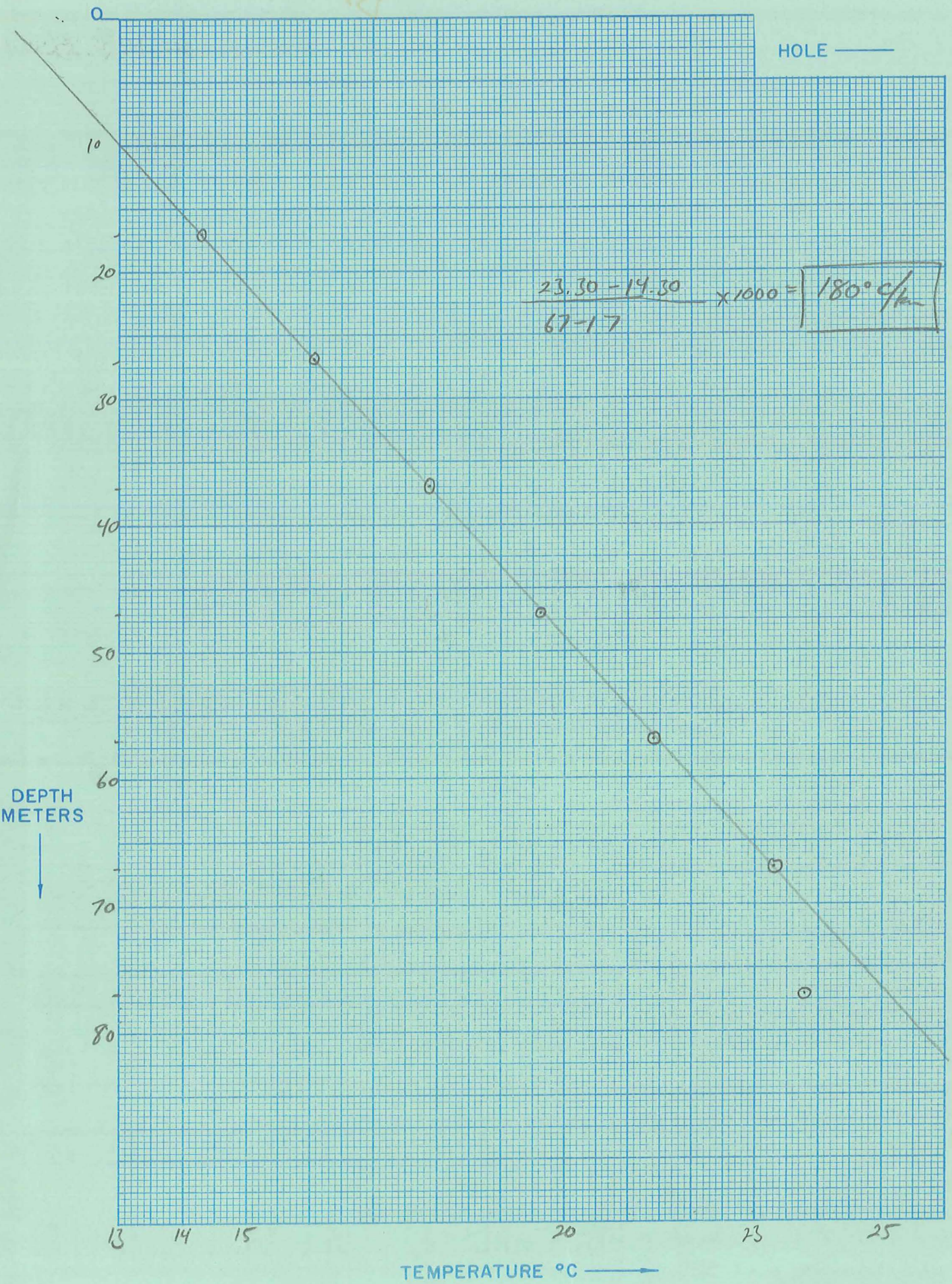
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
10
20
30
40
50
60
70
80
DEPTH METERS
13
14
15
20
23
25
TEMPERATURE °C
$\frac{23.30 - 14.30}{67 - 17} \times 1000 = 180°C/km$

B 298 MJ RIII F20

Date Logged: 6/19/78

ΔT Well No. OFF-MAP JENSEN

	Depth * (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
								Qal - NEAR FRONT
1101	0							
1118	17		14.30	1.77	177			
1128	27		16.07	1.81	181			
1138	37		17.88	1.73	173			
1148	47		19.61	1.79	179			
1158	57		21.40	1.90	190			
1168	67		23.30	.49	49			
1178	77		23.79					ON BOTTOM ~~NOT ON B~~

* IN UNTHINKABLE CABLE - METER WAS KNOCK OUT OF CINQUE - 10 M INTERVALS NONE-THELESS

K=Conductivity

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

Δ299

MJ RIII F24

ΔT = 59 Q2.1

ΔT Well No. HORSE STABLE

Property-Project 566 Depth Logged 35m

Map AUSTIN Scale 15' Date: Drilled ____ Logged 6/20/78

State NV County LANDER, ____ of ____ of C of SW of Sec 3 T 16N R 42E

Instrument DT 101 Operator MJ Elevation 5920 (ft / m)

Comments NOT ON MAP

Card A

RT JUSTIFY

Proj No	Well No	Date Logged DA	MO	YR	*
566		20	6	78	C M

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

Site Description	Operator	Editor	Drilled DA	MO	YR
	MJ				

(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	15.	39.	15.	117.	15.	

Use decimals

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

Northing	Easting	Elev	
4.9	0.5	5920.	F

Use decimals

← Write M if if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
15.0	35.0	-3.5	-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 →

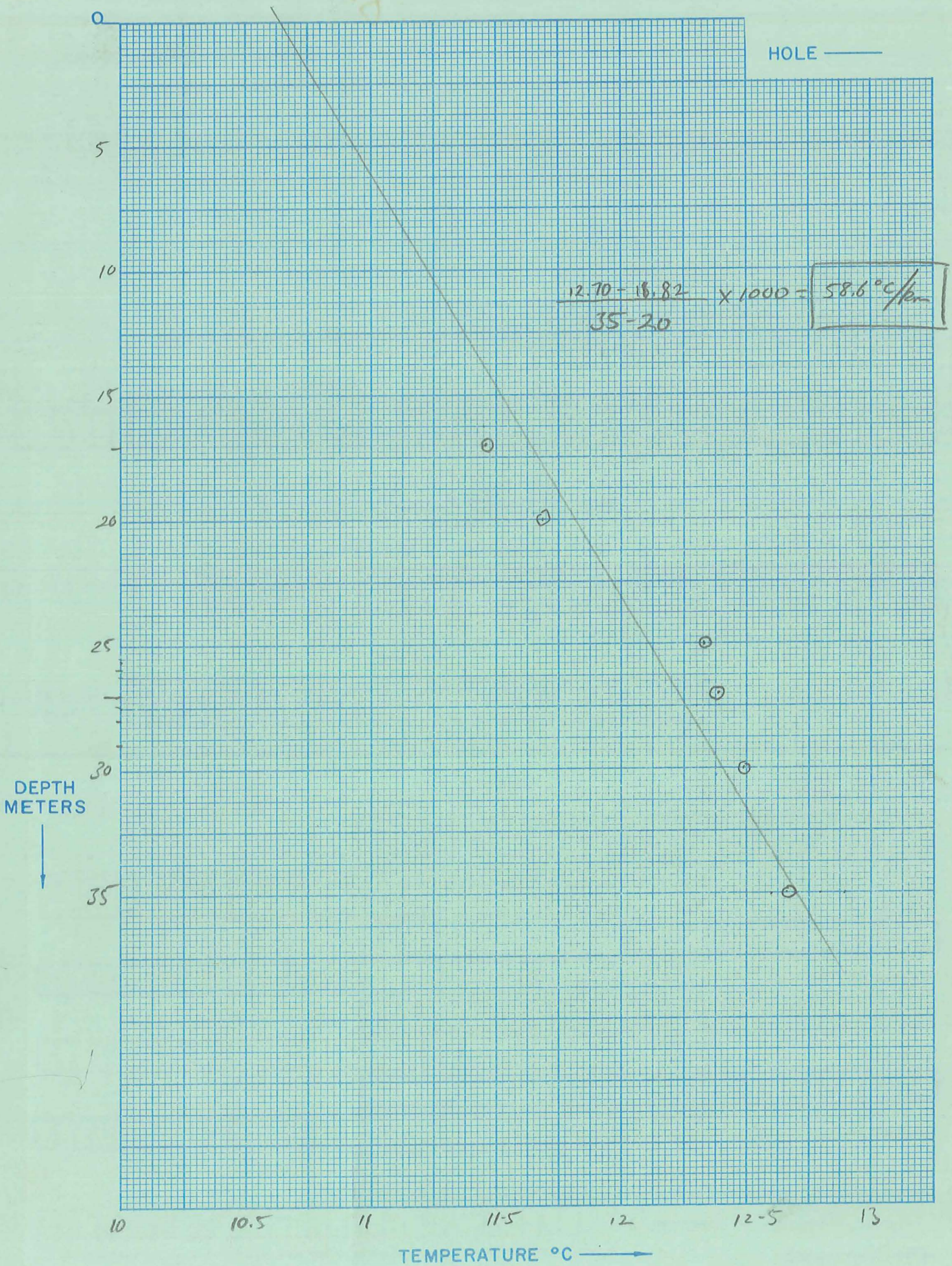
Segment 7

Segment 8 Start →

Segment 9

Segment 10 Start →

After final segment Start = .999


HOLE
0
5
10
15
20
25
30
35
DEPTH METERS
10
10.5
11
11-5
12
12-5
13
TEMPERATURE °C
12.70 - 18.82 / 35 - 20 × 1000 = 58.6 °C/km

~~Δ300~~ Δ299 MJ RIIIF24

Date Logged: 6/20/78 ΔT Well No. HORSE STABLE

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H_2O Air	Lithology, etc.
							Qal
15		11.46					
20		11.69	.23	46		AIR	
25		12.33	.64	128		↓ 24m 11 From Bottom	
27		12.38	.05	25		H_2O	
30		12.49	.11	36.6			
35m		12.66	.17	34			

K=Conductivity