

A00083

TEC-23

Δ T Nevada 1978

500-523

Counties: Humboldt, Pershing,
Washoe.

Missing File

513

AMAX EXPLORATION, INC.
TEMPERATURE/DEPTH LOG

167 °C/m
Δ500 MS R VI F24

Property-Project 566 Depth Logged 30 m
 Map VYA Scale AMS Date: Drilled 7/14/78 Logged 7/14/78
 State NV County HUMBOLDT, of of SE of SE of Sec 7 T 39N R 35E
 Instrument DT 101 Operator MS Elevation 4175 (ft/m)
 Comments JENSEN

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1-5: 566	6-10:	11-12: 14	13-15: 7	16-18: 78	19-20: C M

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

Card A

Site Description																																																												Operator						Editor			DA			MO			YR		
[Shaded area]																																																												MS						/			[Shaded]			[Shaded]			[Shaded]		

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

Card B

Scale Unit CM Map Size 60. N Lat 41.000. W Long 119.000.

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

Use decimals

Northing															Easting															Elev									
11.9															+30.6															4175									

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21-25: 15.0	31-35: 30.0	41-45: -3.0	46-50: -0.5

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

Segment 2 Start → 51-55: .999

Segment 3 [Shaded]

Segment 4 Start → [Shaded]

Segment 5 [Shaded]

Segment 6 Start → [Shaded]

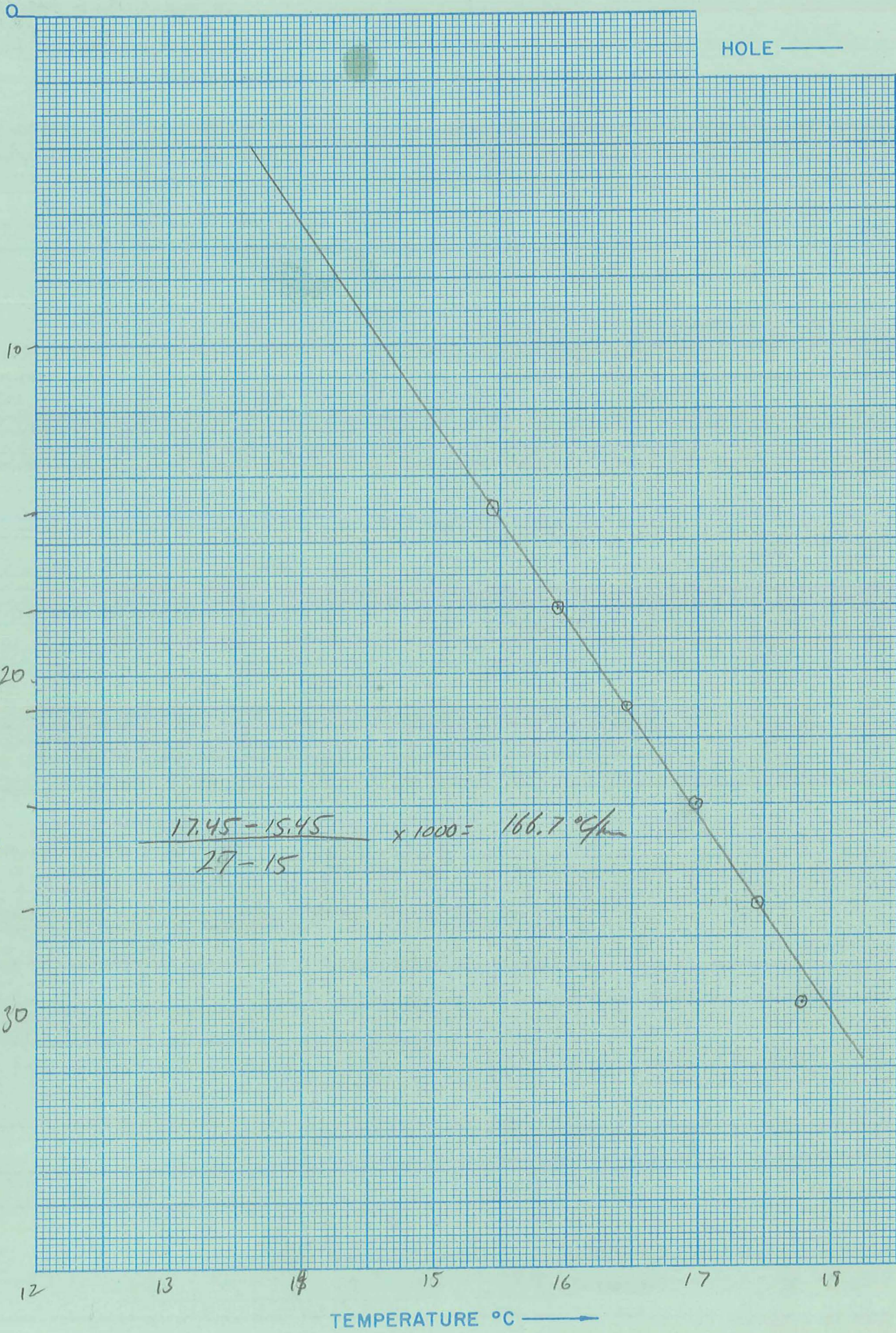
Segment 7 [Shaded]

Segment 8 Start → [Shaded]

Segment 9 [Shaded]

Segment 10 Start → 51-55: .999

After final segment Start = .999



241°/m
RT #32
Δ501
ΔT Well No. TUNGSTERN well

Property-Project 566 Depth Logged 22 m
 Map 1MAY Scale 15' Date: Drilled _____ Logged 7/16/78
 State NV County PERSHING of _____ of SE of SE of Sec 3 T 53N R 54E
 Instrument D7 101 Operator MJ Elevation 4230 (ft/m)
 Comments _____

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18 19	20
566		7	7	78	CM

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

Card A

Site Description																																																												Operator						Editor						DA			MO			YR		
																																																												MJ												7			7			78		

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

Card B

Scale Unit CM Map Size 15. N Lat 40. W Long 118.

Scale Unit	Map Size	N Lat	W Long
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40
CM	15.	40.	118.

Map Location * *
 Degree Min Degree Min **
 Use decimals

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

Northing										Easting										Elev									
49.2										16.8										4230.									

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40
14.0	22.0	-3.0	-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
.999			

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

Segment 9

Segment 10

After final segment Start = .999

0 HOLE ———

14
16
18
20
22

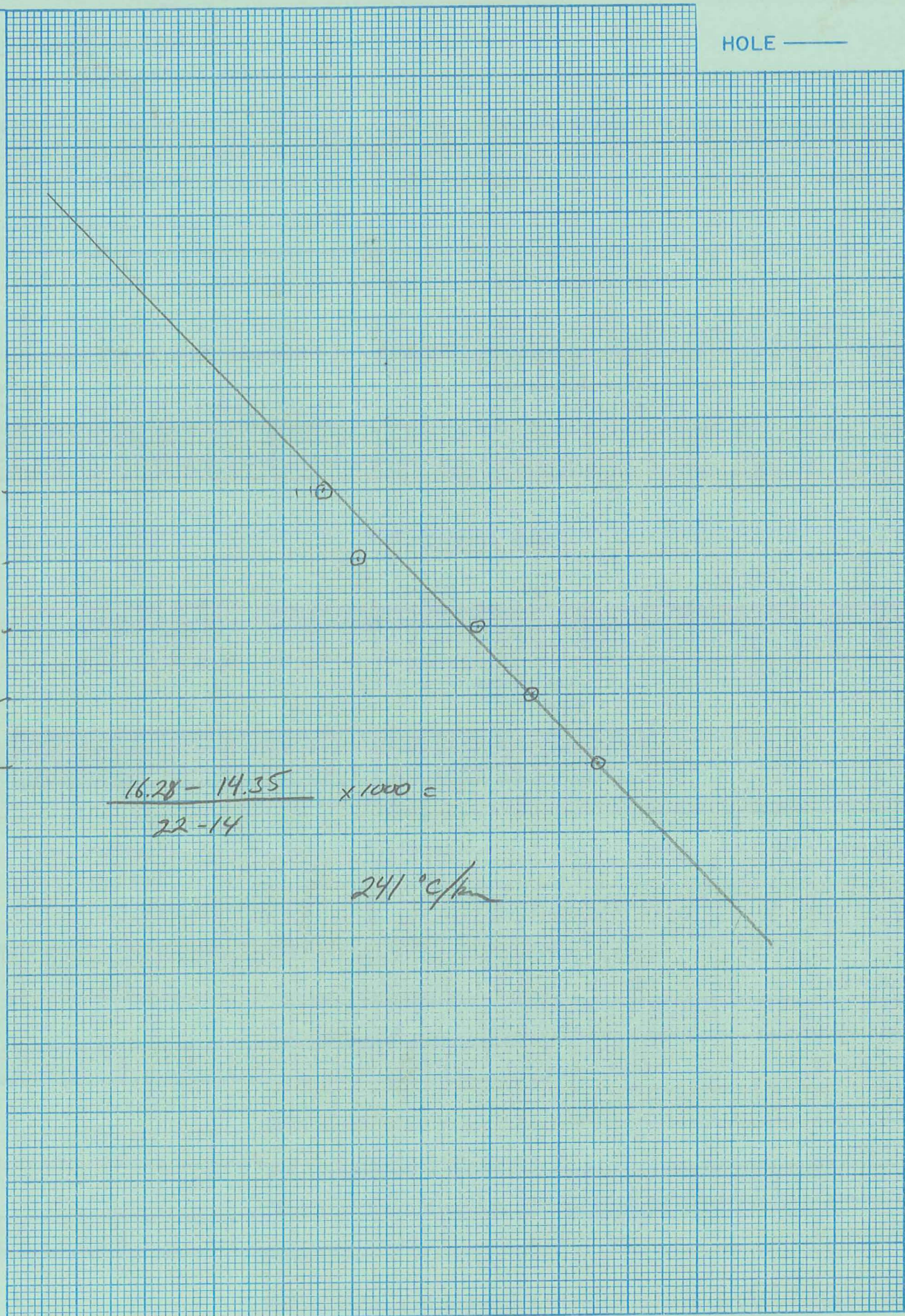
DEPTH
METERS
↓

$$\frac{16.28 - 14.35}{22 - 14} \times 1000 =$$

241 °C/m

12 13 14 15 16 17

TEMPERATURE °C →



MJ RUIF32

Δ 501

ΔT Well No. TUNGSTEN WEL

Date Logged: 7/16/78

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
							Oil
14		14.29					
16		14.54	.25	125			
18		15.41	.87	435			
20		15.80	.39	195		↑ AIR	
22		16.28	.48	240		WATER	
24		"	0	0		↓	
26		"	↓	↓			
28		16.28					
30m		16.28					

73°C/h

Δ502

ΔT Well No. MILL CITY WELL

Property-Project 566 Depth Logged 50 m

Map IMLAY Scale 15' Date: Drilled _____ Logged 7/16/78

State NU County PERSHING, _____ of _____ of NW of SW of Sec 26 T 33N R 35E

Instrument D7101 Operator MS Elevation 4375 (ft/m)

Comments 50 yds NE OF TROUGH

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
566		16	7	78	C M

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

Card A

Site Description																																																		Operator					Editor					DA			MO			YR		
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60	61 62 63 64 65	66 67 68 69 70	71 72 73 74 75	76 77 78 79 80	81 82 83 84 85	86 87 88 89 90	91 92 93 94 95	96 97 98 99 100																																																											
																																																		MS																		

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

Card B

Scale Unit	Map Size	N Lat		W Long	
IN CM	(7.5, 15., 60.)	Degree	Min	Degree	Min
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50			
en	15.	40.	30.0	118.	15.0

Use decimals

Map Location **

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

Northing										Easting										Elev									
51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80																											
36.2										30.8										4375.									

Use decimals

Write M if meters

Segment 1 = Depths	Conductivity	Best cond. (-K)
Start	K	ΔK
End		
21 22 23 24 25 26 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	45.0	-3.5 -0.5

Downward extrapolations (-ΔK)

Segment 2 Start → 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

Segment 3 Start →

Segment 4 Start →

Segment 5 Start →

Segment 6 Start →

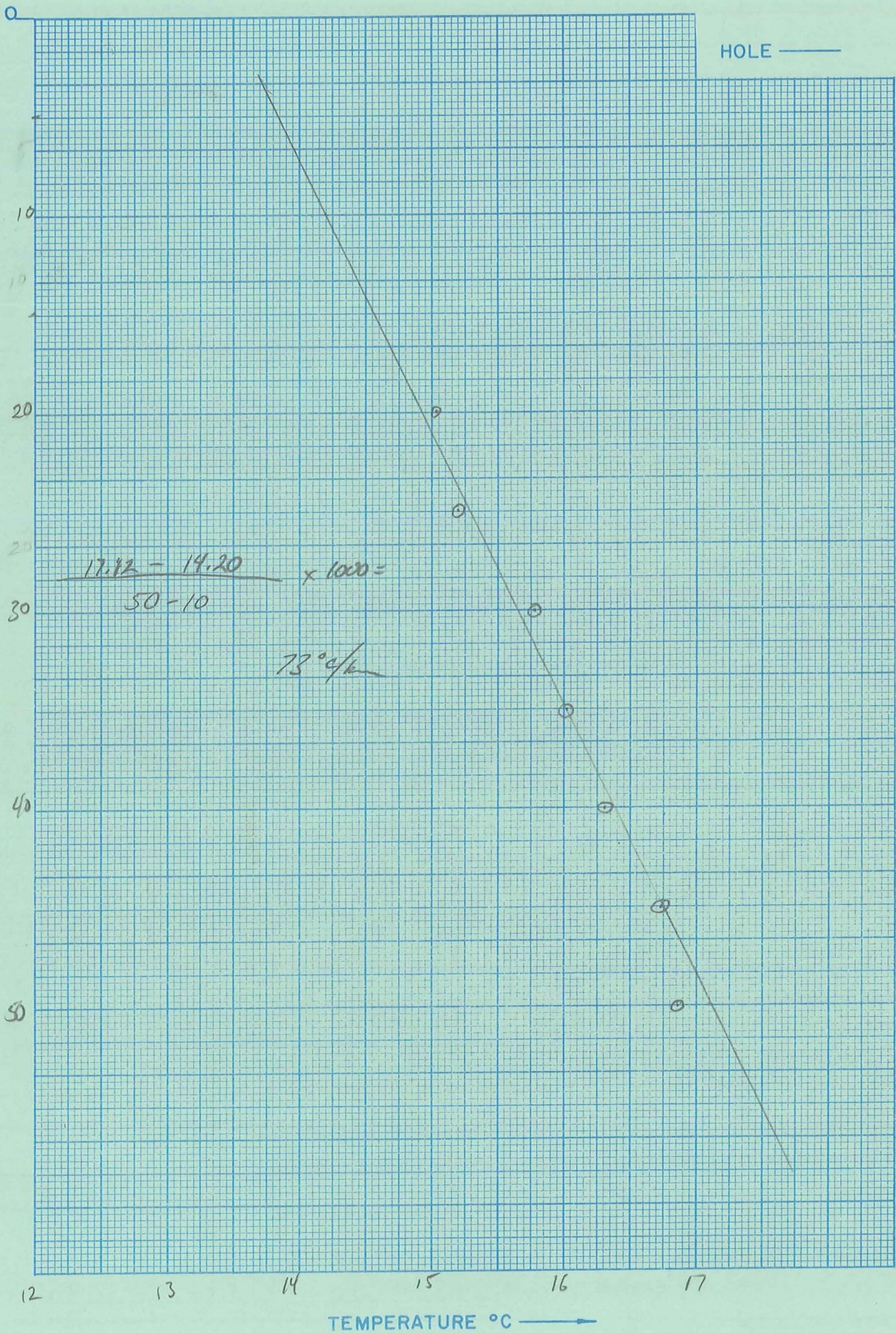
Segment 7 Start →

Segment 8 Start →

Segment 9 Start →

Segment 10 Start →

After final segment Start = .999



Δ502

Date Logged: 7/16/78

ΔT Well No. MILL CITY

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
							Qd
15							
20		15.03					LOW LYNN HILLS COULD or Q BE TERTIARY LAKE BEDS
25		15.20	.17	34			
30		15.78	.58	116			
35		16.01	.23	46			
40		16.31	.30	60		AIR	
45		16.74	.43	86		<u>WATER</u>	
50		16.86	.12	24			

K=Conductivity

65 °C/km

Δ503

ΔT Well No. BELZARINA WELL

Property-Project 566 Depth Logged 27m

Map MAY Scale 15' Date: Drilled 7/16/78 Logged 7/16/78

State NV County PERSHING of of NW of SE of Sec 34 T 32 N R 35E

Instrument DT 101 Operator MS Elevation 4410 (ft/m)

Comments

RT JUSTIFY

Date Logged

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

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

Card A

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

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

Map Location * *

Scale Unit	Map Size (75, 15, 60)	N Lat Degree	Min	W Long Degree	Min	**
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40	41 42 43 44 45	46 47 48 49 50	
CM	15.	40.	30.0	118.	15.0	

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
17.3	29.7	4410. F

Use decimals

Write M if meters

Segment 1 = Depths	Conductivity	Best cond. (-K)
Start	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
17.0	27.0	-3.0 -0.5

Segment 2

51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80
.999		

Segment 3

21 22 23 24 25 26 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

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

Segment 5

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

Segment 6

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

Segment 7

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

Segment 8

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

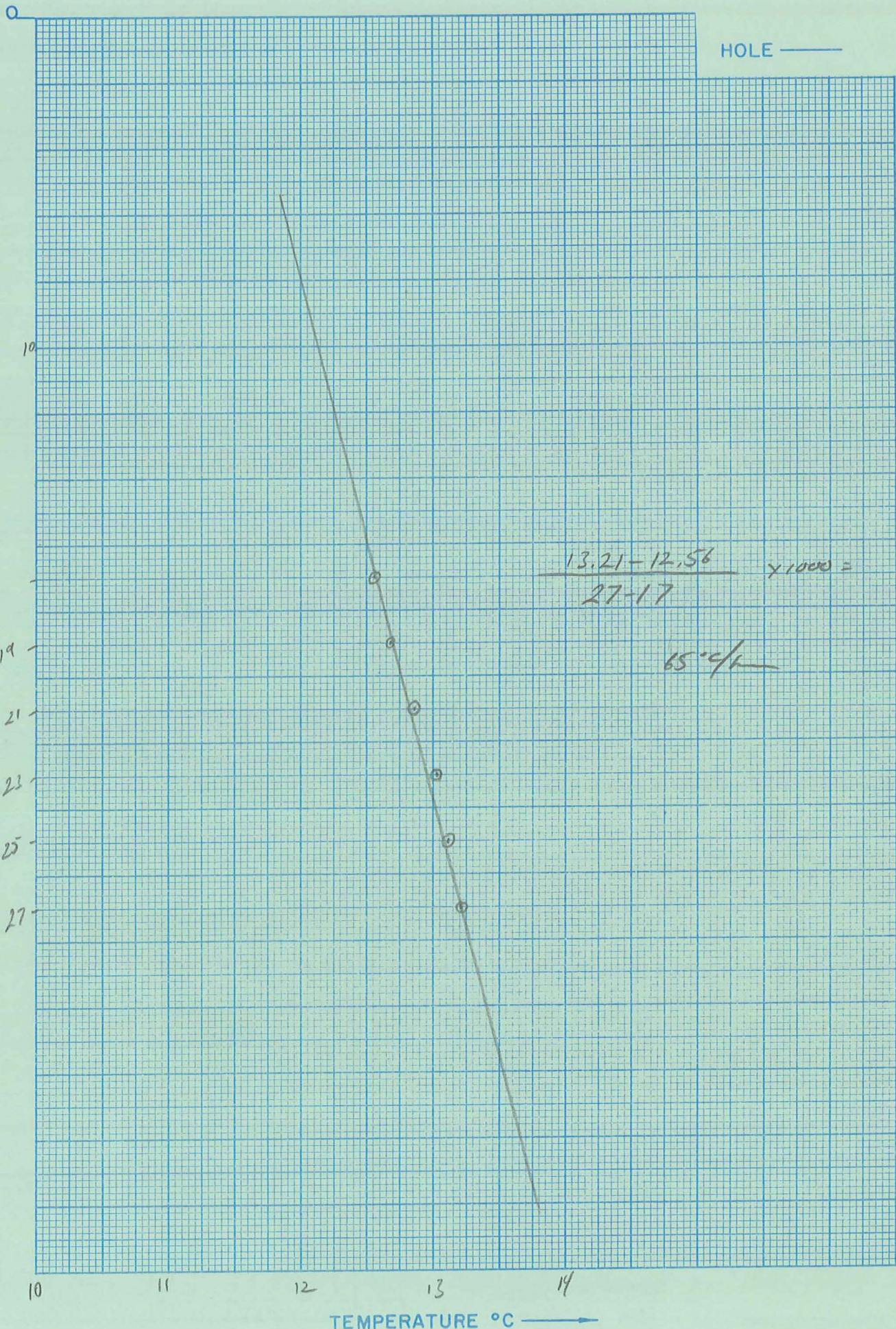
Segment 9

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

Segment 10

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

After final segment Start = .999



MJ R 1150ch ✓

Δ504

ΔT Well No. UNMAPPED WELL(?)

Property-Project 566 Depth Logged 40m
 Map MCMAY Scale 15' Date: Drilled _____ Logged 1/16/78
 State NV County PERSHING of _____ of SE of NE of Sec 5 T 30N R 35E
 Instrument D7101 Operator MJ Elevation 4440 (ft/m)
 Comments WINDMILL STARTED RUNNING & UNABLE TO STOP DURING PROBING

RT JUSTIFY

Card A

Date Logged																				Site Description										Operator			Editor			DA			MO			YR		
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										16		7		78													MJ																	

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

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

Card B

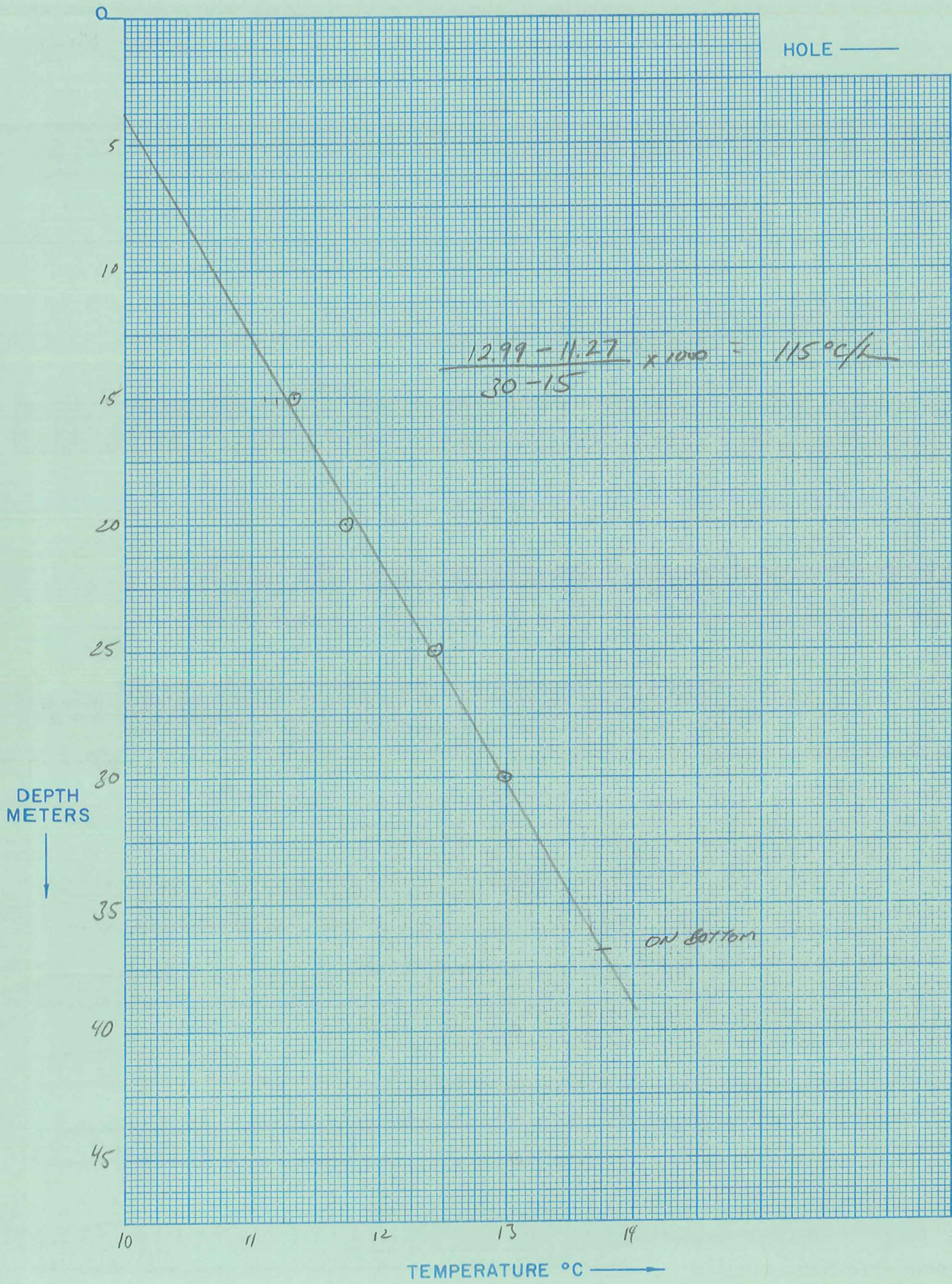
Scale Unit					Map Size					N Lat					W Long					Northing					Easting					Elev														
IN CM					(7.5, 15., 60.)					Degree					Min					Degree					Min																			
CM					15.					40.					30.					118.					15.																			

Use decimals

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

Write M if meters

Segment 1 = Depths										Conductivity										Best cond. (-K)									
Start					End					K					ΔK					Downward extrapolations (-ΔK)									
15.0					30.0					3.5					-0.5														
Segment 2										Segment 3										Segment 4									
Start → .999																													
Segment 5										Segment 6										Segment 7									
Start →										Start →										Start →									
Segment 8										Segment 9										Segment 10									
Start →										Start →										Start →									
After final segment										Start = .999																			



Date Logged: 7/16/78

HJ RVI F33
Δ504
ΔT Well No. UNMAPPED well (2)

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
							Qd
15		11.53	.40	80			
20		11.73	.70	140			
25		12.43	.56	112			
30		12.99	.06	12			
35		13.05	.02	4			
40		13.01	.00	0			
45		13.07					
50		13.28					

K=Conductivity

71°C/min ✓
A505
ΔT Well No. LECOY WM

Property-Project 566 Depth Logged 80m
Map BADGER Mtn NW Scale 7.5' Date: Drilled _____ Logged 7/19/78
State NV County WASHOE, _____ of _____ of _____ of Sec T43N R22E
Instrument D1101 Operator MJ + DAM Elevation 5900 (ft/m)
Comments _____

RT JUSTIFY Card A

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

*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																																
																																																																				MS											

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

Card B

Scale Unit		Map Size			Map Location * *																								
IN	CM	(7.5, 15., 60.)			N Lat		W Long																						
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
CM					7.5					41.	37.	5	119.	30.	0														

Use decimals

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

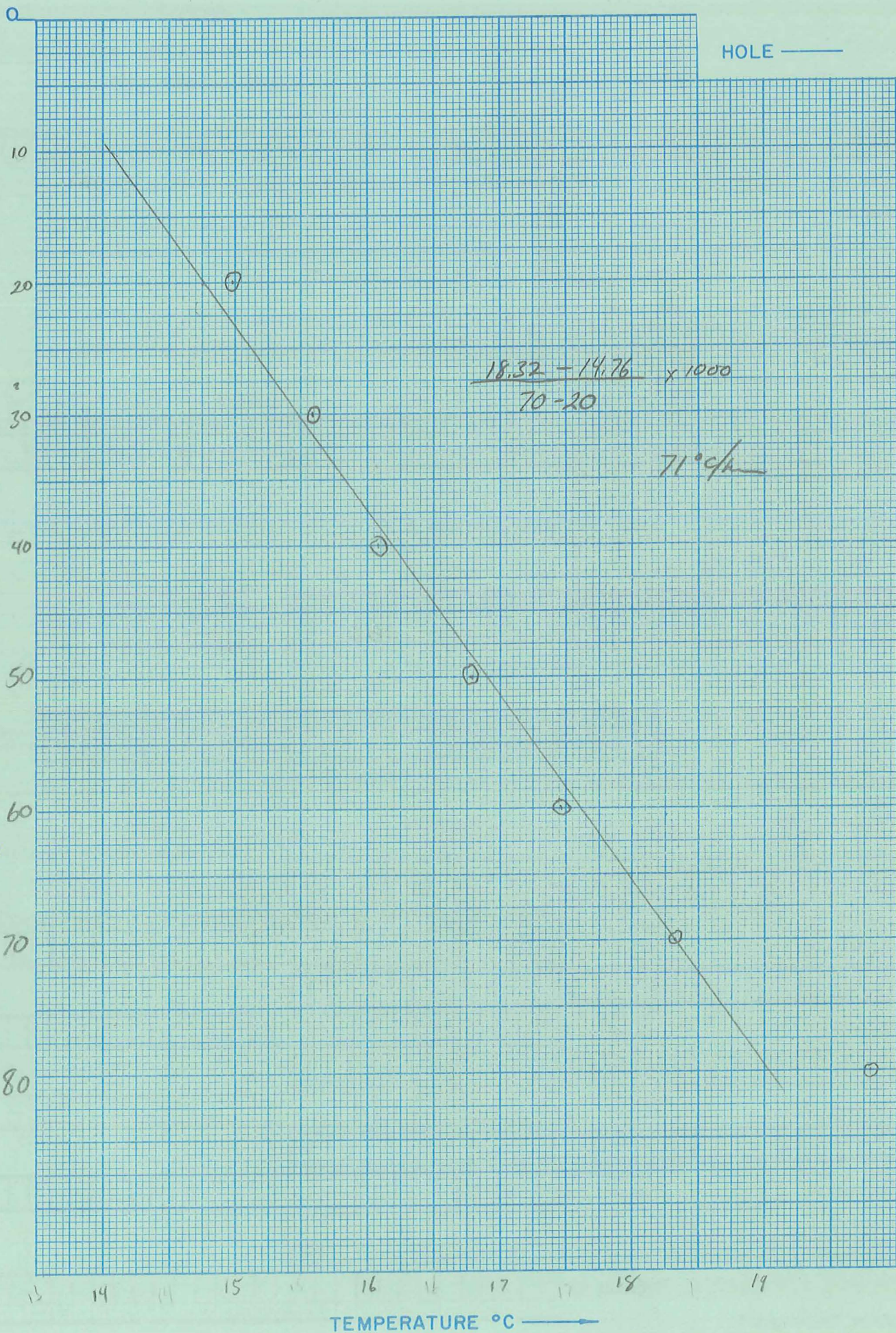
Northing										Easting										Elev									
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
11.4										15.9										5900.									

Use decimals

Write M if meters

Segment 1 = Depths		Conductivity		Best cond. (-K)																									
Start	End	K	ΔK	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
20.0					70.0					-4.0		-0.5																	
										Segment 2																			
										.999																			
										Segment 3																			
										Segment 4																			
										Segment 5																			
										Segment 6																			
										Segment 7																			
										Segment 8																			
										Segment 9																			
										Segment 10																			
										Start →																			

After final segment Start = .999



Date Logged: 7/19/78

Δ505

ΔT Well No. LEPOT

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
							<u>Oil-</u>
							<u>LOCAL ROCK IS BASALT IN FLOWS</u>
0							
10							
20		14.99					
30		15.59	.60	60			
40		16.08	.49	49			
50		16.78	.70	70			
60		17.46	.68	68		AIR	
70		18.32	.86	86			
80		19.80	1.48	148		<u>WATER</u>	

K=Conductivity

AMAX EXPLORATION, INC.
TEMPERATURE/DEPTH LOG

Buffalo DT
35°/km Δ506

ΔT Well No. _____

Property-Project S66 Depth Logged 40m

Map Lombok Scale AMS Date: Drilled _____ Logged 7-12-78

State NV County Washoe, _____ of _____ of _____ of Sec 20? T 32N R 20E

Instrument DT-101 Operator JMD Elevation 4050 (ft/m)

Comments _____

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
<u>S66</u>		<u>7</u>	<u>7</u>	<u>78</u>	<u>C</u>

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

Card A

Site Description																				Operator					Editor			DA		MO		YR	
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55	56 57 58 59 60	61 62 63 64 65	66 67 68	69 70 71 72 73 74 75	76 77 78 79 80	81 82 83 84 85	86 87 88 89 90	91 92 93 94 95	96 97 98 99 100	101 102 103 104 105	106 107 108 109 110	111 112 113 114 115	116 117 118 119 120	121 122 123 124 125	126 127 128 129 130	131 132 133 134 135	136 137 138 139 140													
										<u>JMD</u>																							

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

Map Location * *

Scale Unit IN CM

Map Size (7.5, 15., 60.) 60.

N Lat Degree 40.000. Min 00.

W Long Degree 119.000. Min 00.

Use decimals

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

Card B

Northing										Easting										Elev									
51 52 53 54 55	56 57 58 59 60	61 62 63 64 65	66 67 68 69 70	71 72 73 74 75	76 77 78 79 80	81 82 83 84 85	86 87 88 89 90	91 92 93 94 95	96 97 98 99 100	101 102 103 104 105	106 107 108 109 110	111 112 113 114 115	116 117 118 119 120	121 122 123 124 125	126 127 128 129 130	131 132 133 134 135	136 137 138 139 140	141 142 143 144 145	146 147 148 149 150										
<u>28.7</u>										<u>-25.9</u>										<u>4050.</u>									

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	
<u>20.0</u>	<u>40.0</u>	<u>-3.5</u>	<u>-0.5</u>

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
<u>.999</u>			

Segment 3

Segment 4

Segment 5

Segment 6

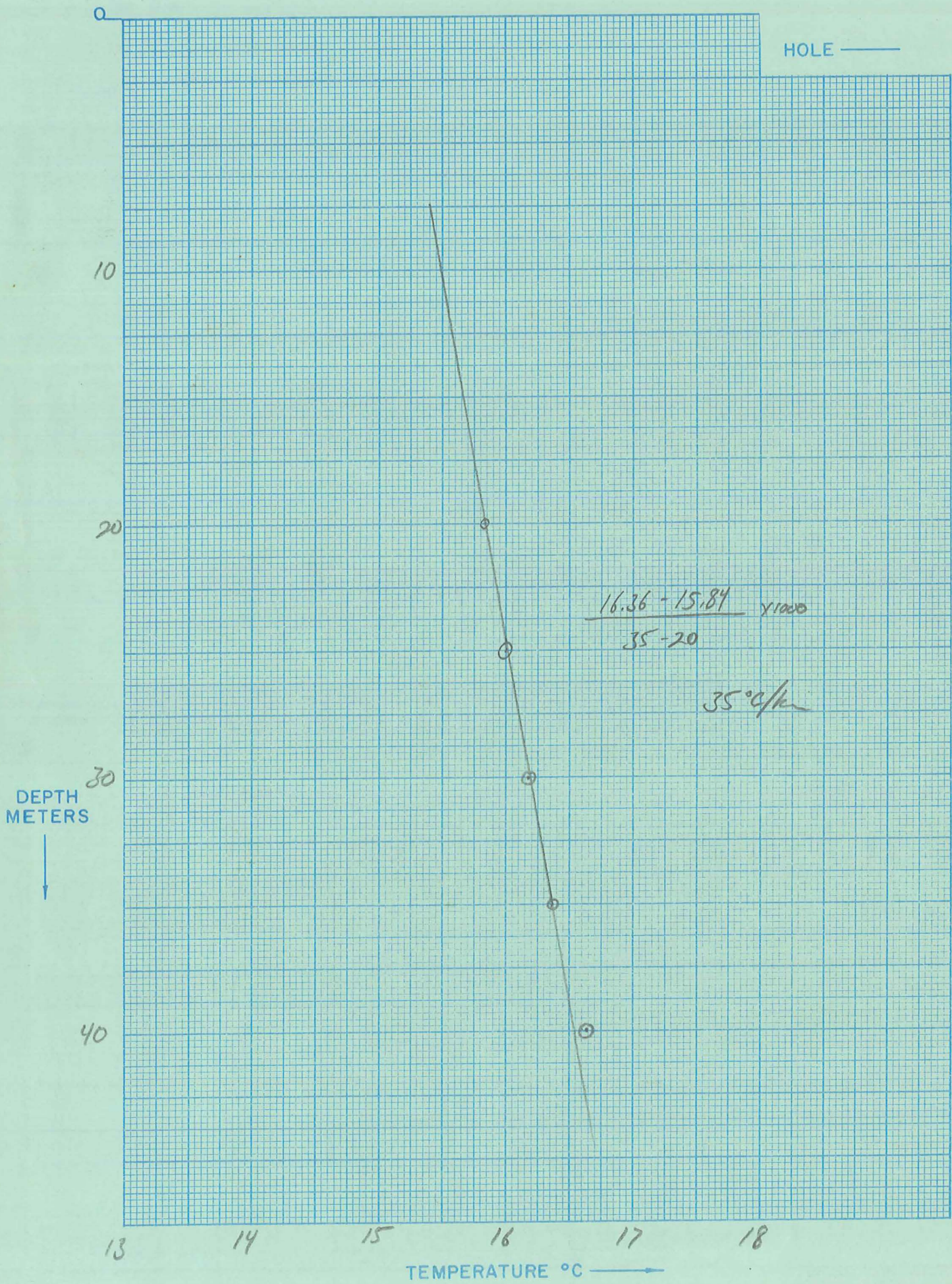
Segment 7

Segment 8

Segment 9

Segment 10

After final segment
Start = .999



Buffalo AT

$\Delta 506$

Date Logged: 7.12.78

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0						Air	Qcd: at mouth of a Rhyolite Canyon
5							
10							
15							
20		15.84					
25		16.00	.16	32			
30		16.17	.17	34			
35		16.36	.19	38			
40		16.64	.28	56		H ₂ O	

K=Conductivity

Little Baby ΔT
120°/km
 $\Delta 507$

ΔT Well No. _____

Property-Project 566 Depth Logged 30m
 Map Lovelock Scale AMS Date: Drilled _____ Logged 13-7-78
 State NV County Washoe, _____ of _____ of SW of SE of Sec 13 T 29N R 19E
 Instrument DT-101 Operator JMD/MG Elevation 4000 (ft/m)
 Comments _____

RT JUSTIFY

Date Logged																			
Proj No					Well No					DA		MO		YR			*		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
566										13	7	78	CM						

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

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

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

Map Location * *

Scale Unit		Map Size		N Lat		W Long																							
IN	CM	(75, 15., 60.)	Degree	Min	Degree	Min	**																						
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
CM		60.	40.	000.	119.	000.																							

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
18.0										-28.5										4000.									

Use decimals

Write M if meters

Segment 1 = Depths										Conductivity										Best cond. (-K)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Start					End					K					ΔK					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	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
20.0					28.0					-3.5					-0.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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After final segment Start = .999

0 HOLE ———

10

10

20

20

30

30

13

14

15

16

17

18

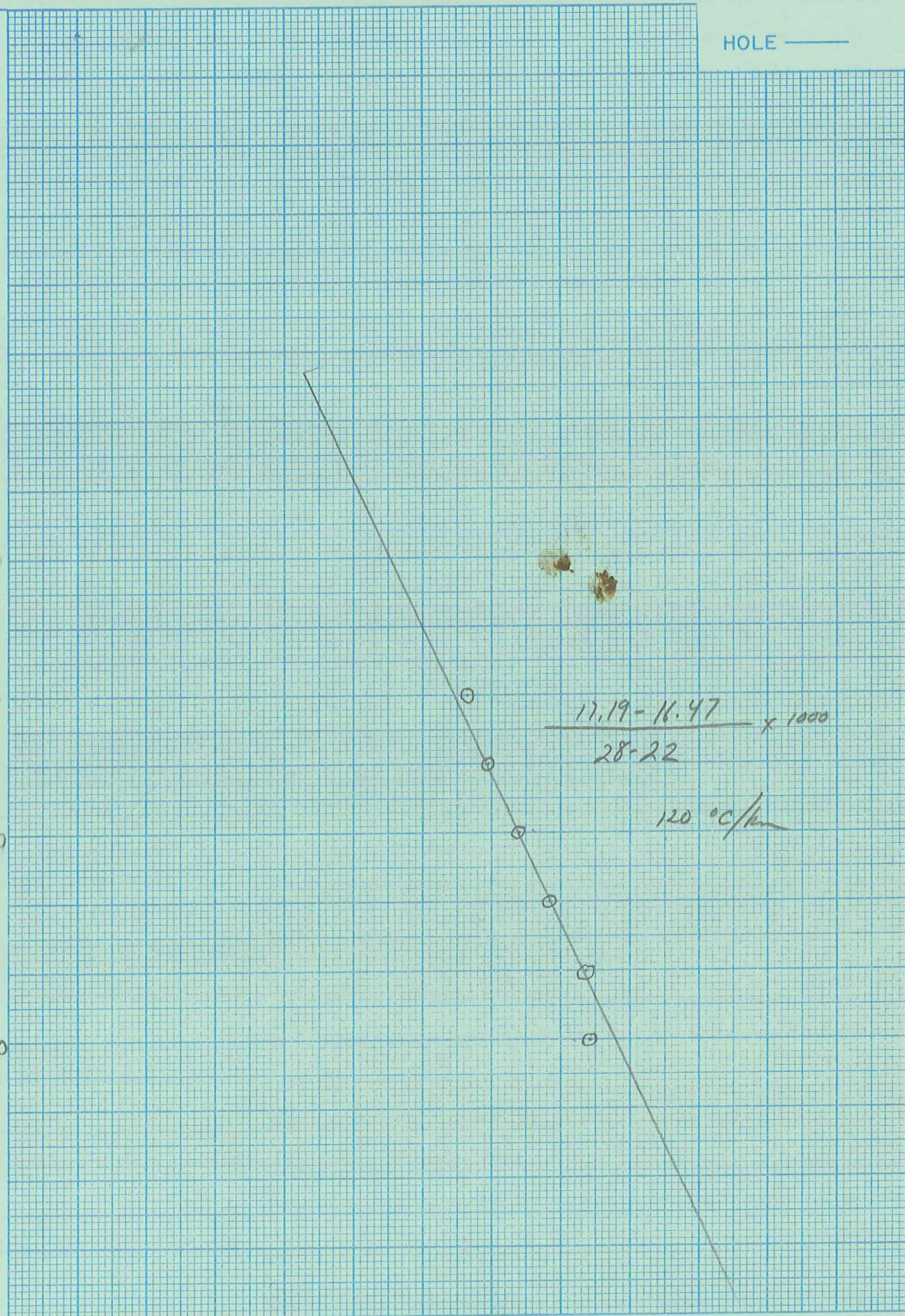
DEPTH METERS



TEMPERATURE °C ———>

$$\frac{17.19 - 16.47}{28 - 22} \times 1000$$

120 °C/km



Little Baby AT

Date Logged: 7.13.78

ΔT Well No. Δ507

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0						Air	Qcd. Playa
5							
10							
15							
20		16.33					
22		16.47	.14	70			
24		16.70	.23	115			
26		16.92	.22	110			
28		17.19	.27	135			
30		17.21	.03	15			

K=Conductivity

JMDR3F18

125.50c/m

AT Well No. Δ508

Property-Project 566 Depth Logged 100M

Map LOVELOCK AMS Scale 1:250,000 Date: Drilled 1959 Logged 7-13-73

State NEV County WASHOE, of of of NE of Sec 4 T 27N R 19E

Instrument DT101 Operator JMD-M6 Elevation 4300' (ft)

Comments MISSION PEAK BLM WELL

RT JUSTIFY

Date Logged

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

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

Card A

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

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

Card B

Scale	Unit	Map Size	N Lat	W Long
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40	41 42 43 44 45 46 47 48 49 50
CM	CM	60.	40.000.	119.000.

Map Location * *

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

Use decimals

Northing	Easting	Elev
51 52 53 54 55	56 57 58 59 60	61 62 63 64 65 66 67 68 69 70
10.8	-29.0	4300.

Write M if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40
30.0	100.0	-4.0	-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
.999			

Segment 3

Segment 4

Segment 5

Segment 6

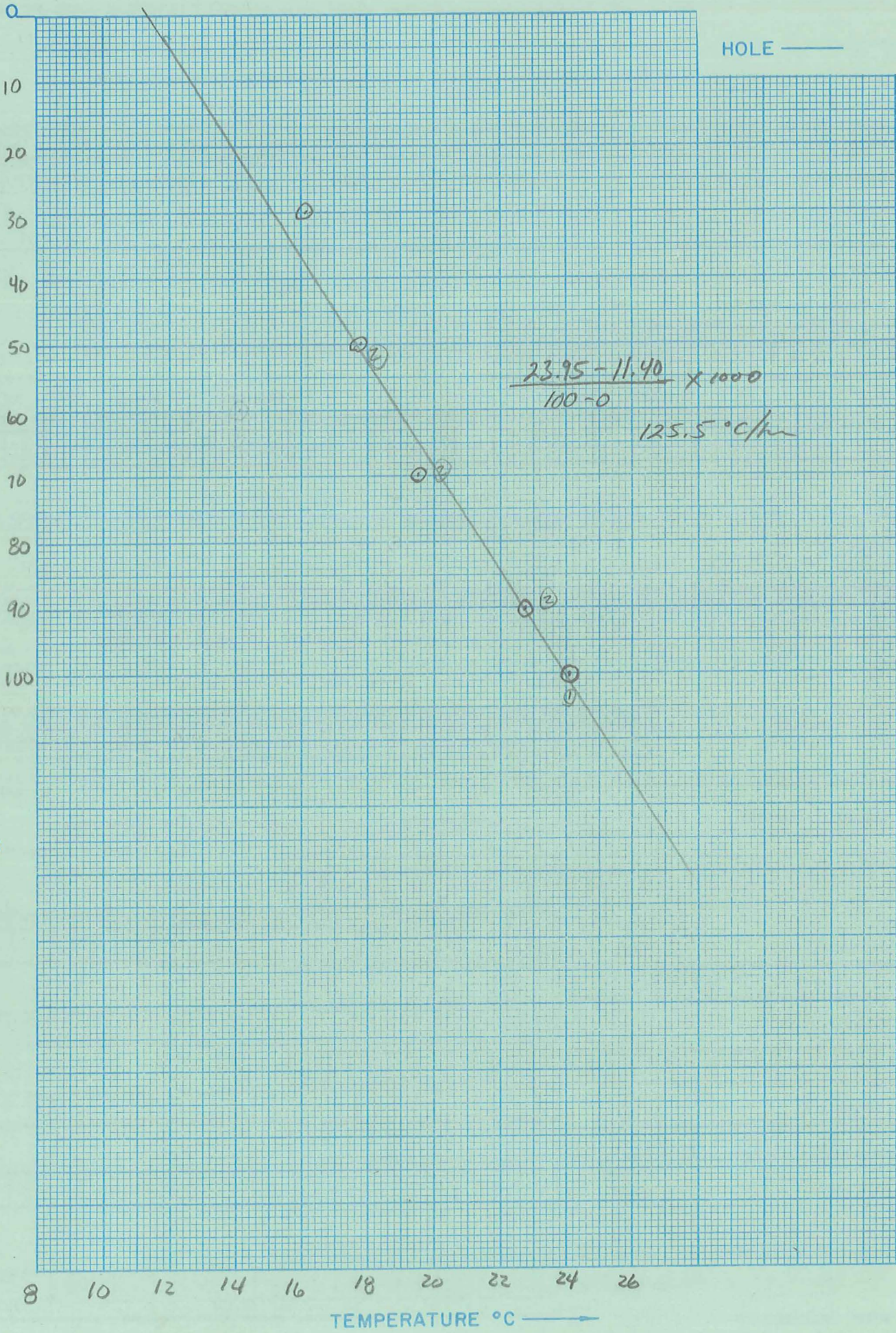
Segment 7

Segment 8

Segment 9

Segment 10

After final segment
Start = .999



Leonard AT
144 °C/km

ΔT Well No. Δ509

Property-Project 566 Depth Logged 40 m

Map Leonard Cr Stage N Scale 7.5 Date: Drilled _____ Logged 7-17-78

State NV County Humboldt of _____ of _____ of _____ of Sec T4N R29E

Instrument DT-101 Operator JMD Elevation 4145 (ft/m)

Comments _____

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
566		7	7	78	CM

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

Card A

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

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

Card B

Map Location **

Scale Unit	Map Size	N Lat	W Long
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40
CM	7.5	41. 22. 5	118. 745. 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
51. 2	22. 6	4145. 0

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40
20. 0	90. 0	-3. 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
. 999			

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

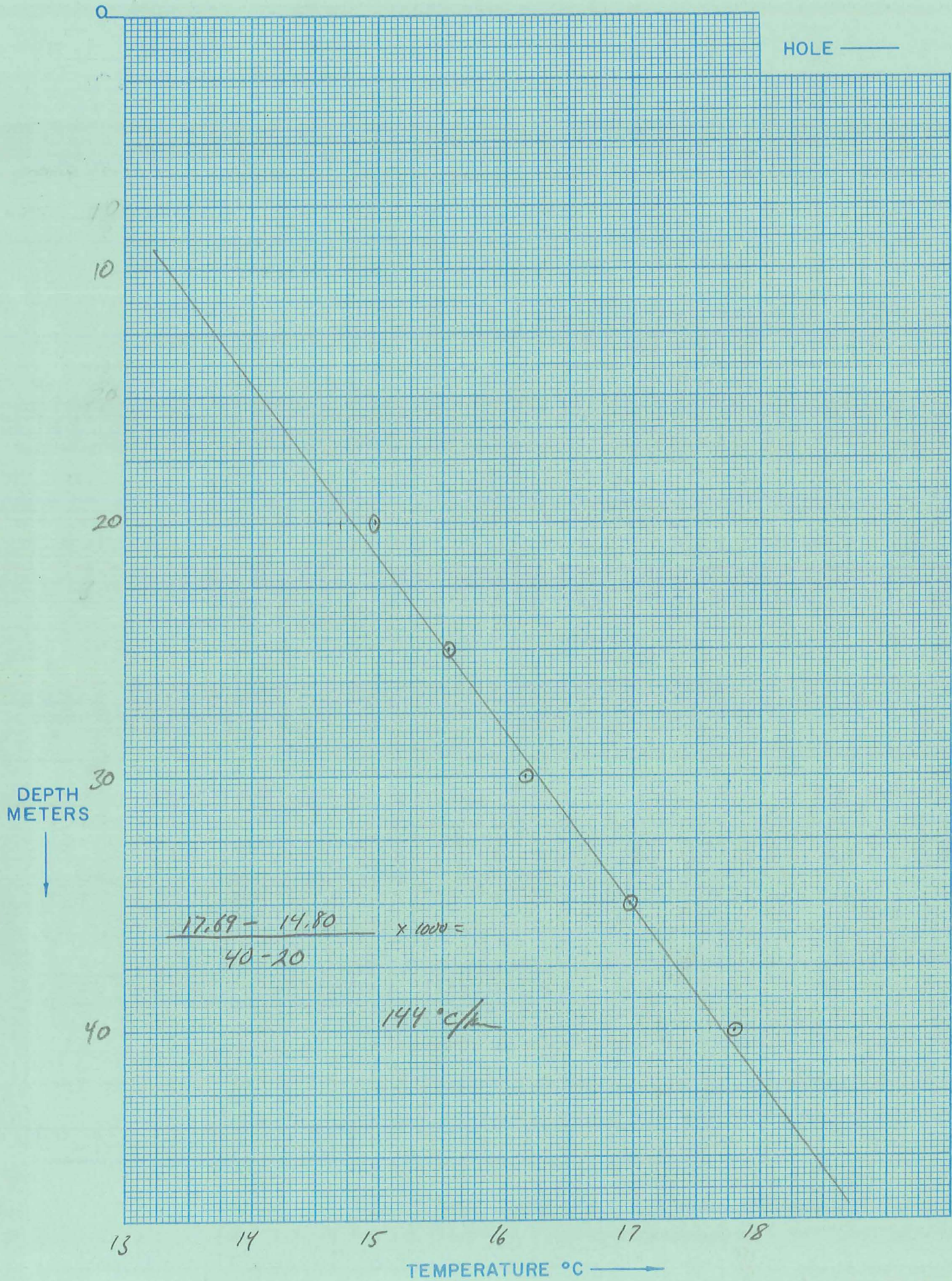
Segment 8

Segment 9

Segment 10

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

After final segment
Start = .999



22.6°C/h
Moonlight Mine AT

ΔT Well No. Δ510

Property-Project 566 Depth Logged _____
 Map Disaster Peak Scale 15 Date: Drilled _____ Logged 7-18-78
 State NV County Humboldt of _____ of _____ of _____ of Sec 9 T45N R 34E
 Instrument DT-101 Operator JWD Elevation _____ (ft. m.)
 Comments Ongoing drilling operation; surveys & geologist at work to day.

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
566		18	7	78	C M

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

Card A

Site Description																														Operator					Editor					DA					MO					YR				
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68	69 70 71 72 73 74 75 76 77 78 79 80	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 100	101 102 103 104 105 106 107 108 109 110	111 112 113 114 115 116 117 118 119 120	121 122 123 124 125 126 127 128 129 130	131 132 133 134 135 136 137 138 139 140	141 142 143 144 145 146 147 148 149 150	151 152 153 154 155 156 157 158 159 160	161 162 163 164 165 166 167 168	169 170 171 172 173 174 175 176 177 178 179 180	181 182 183 184 185 186 187 188 189 190	191 192 193 194 195 196 197 198 199 200	201 202 203 204 205 206 207 208 209 210	211 212 213 214 215 216 217 218 219 220	221 222 223 224 225 226 227 228 229 230	231 232 233 234 235 236 237 238 239 240	241 242 243 244 245 246 247 248 249 250	251 252 253 254 255 256 257 258 259 260	261 262 263 264 265 266 267 268	269 270 271 272 273 274 275 276 277 278 279 280	281 282 283 284 285 286 287 288 289 290	291 292 293 294 295 296 297 298 299 300																											

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

Card B

Map Location * *

Scale Unit	Map Size	N Lat	W Long
IN CM	(75, 15, 60)	Degree	Min
CM	15.	41. 45. 0	118. 15. 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	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 100	101 102 103 104 105 106 107 108 109 110	111 112 113 114 115 116 117 118 119 120	121 122 123 124 125 126 127 128 129 130	131 132 133 134 135 136 137 138 139 140	141 142 143 144 145 146 147 148 149 150	151 152 153 154 155 156 157 158 159 160	161 162 163 164 165 166 167 168 169 170	171 172 173 174 175 176 177 178 179 180	181 182 183 184 185 186 187 188 189 190	191 192 193 194 195 196 197 198 199 200	201 202 203 204 205 206 207 208 209 210	211 212 213 214 215 216 217 218 219 220	221 222 223 224 225 226 227 228 229 230	231 232 233 234 235 236 237 238 239 240	241 242 243 244 245 246 247 248 249 250	251 252 253 254 255 256 257 258 259 260	261 262 263 264 265 266 267 268 269 270	271 272 273 274 275 276 277 278 279 280	281 282 283 284 285 286 287 288 289 290	291 292 293 294 295 296 297 298 299 300					

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60
20.0	50.0	-4.5	-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	81 82 83 84 85 86 87 88 89 90
.999			

Segment 3

Segment 4

Segment 5

Segment 6

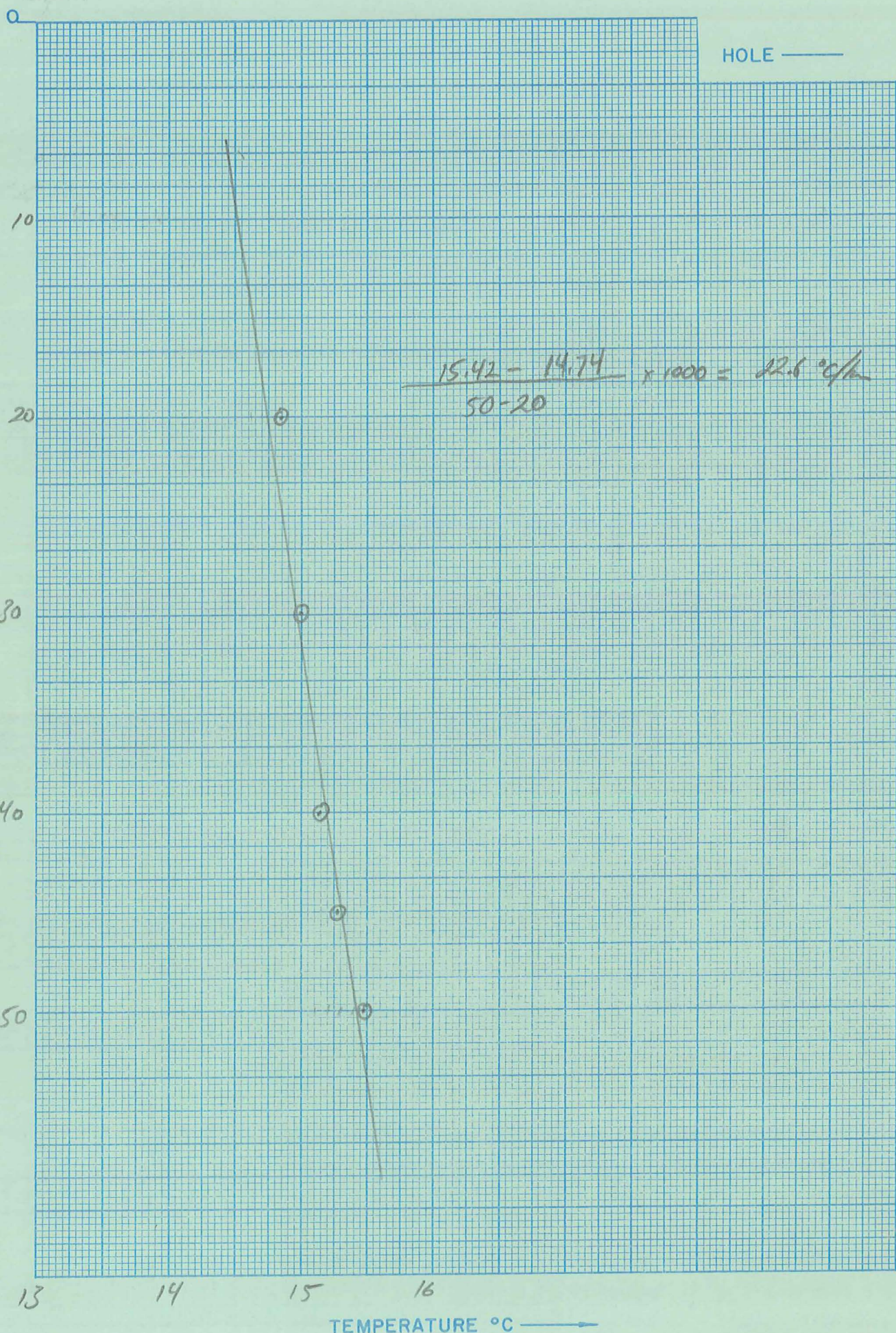
Segment 7

Segment 8

Segment 9

Segment 10

After final segment
Start = .999



ΔT Well No. Δ510

Property-Project 566 Depth Logged 150 m

Map McDermitt AMS Scale 1:250,000 Date: Drilled _____ Logged 7/15/78

State NV County Humboldt, _____ of _____ of _____ of Sec 11 T 39N R 42E

Instrument DT-101 Operator WDM Elevation 5200 (ft)

Comments cased mineral hole - Hot Spg. Peak ~60° to W
OSG000 MTNS.

RT JUSTIFY

Card A

Date Logged																				DA		MO		YR		*																																									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19	20																																														
566											15	7	78	CM	*19-Write F if Fahrenheit, 20-Write F if Feet																																																				
Site Description																																																		Operator						Editor						DA		MO		YR	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68																				
CASED HOLE 30° E - HOT SPGS PK																																	WDM																																		

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

Card B

Scale Unit		Map Size		N Lat		W Long		Map Location																						
IN	CM	(75, 15, 60)	Degree	Min	Degree	Min	***	Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)																						
CM	CM	60.	41.	0.0	117.	0.0																								
Use decimals																														
Northing										Easting										Elev										
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
12.2										-6.8										5200.										F
Use decimals																														Write M if meters

Segment 1 = Depths		Conductivity		Best cond. (-K)																																																																																					
Start	End	K	ΔK	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																																																												
50.0					150.0					-5.0					-0.5																																																																										
Segment 2										Segment 3										Segment 4										Segment 5										Segment 6										Segment 7										Segment 8										Segment 9										Segment 10									
Start → .999										Start →										Start →										Start →										Start →										Start →										Start →										Start →										Start →									
After final segment Start = .999																																																																																									

11.05

HOLE ———

$$\frac{13.93 - 12}{150 - 50} = \frac{1.93}{100} \times 1000$$
$$= 19.3 \text{ } ^\circ\text{C/km}$$

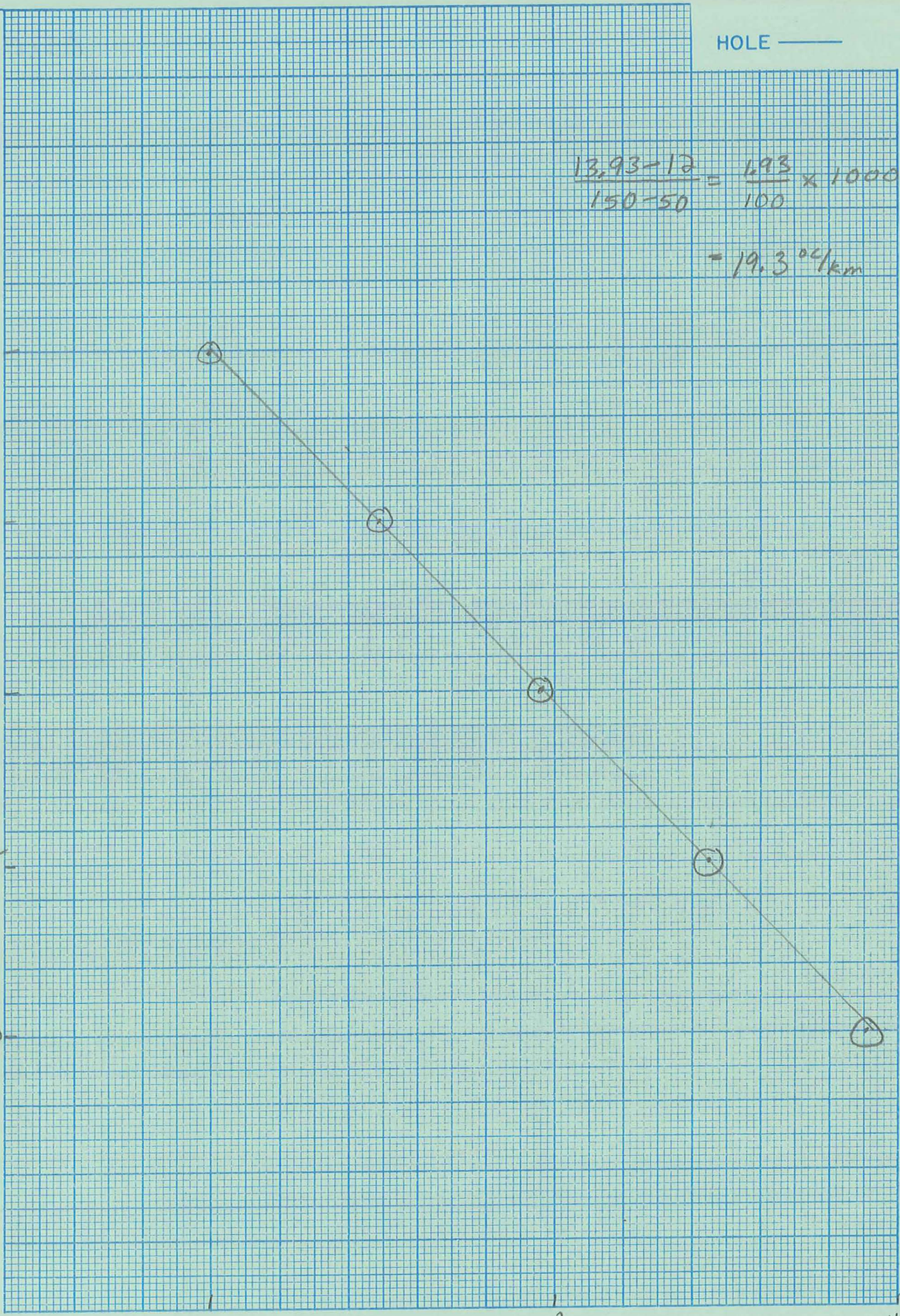
DEPTH METERS



50
75
100
125
150

TEMPERATURE °C ———>

12 13 14



WDM R4 F24

AMAX EXPLORATION, INC.

121 °C/km



TEMPERATURE/DEPTH LOG

AT Well No. AS11

Property-Project 566

Depth Logged 54 m

Map Hot Springs Peak Scale _____ Date: Drilled _____ Logged 7/14/78

State NV County Humboldt of _____ of _____ of _____ of Sec _____ T 40N R 41E

Instrument DT-101 Operator WDM Elevation 4625 (ft/m)

Comments jack pump next to large tanks

LITTLE HUMBOLDT

Date Logged

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								14	7	78	C								

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

Card A

Site Description

Operator

Editor

Drilled

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
5 MI. W OF HOT SPRGS PEAK																														WDM																	

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

Card B

Scale Unit		Map Size		N Lat		W Long		Degree		Min		Degree		Min		**
IN	CM	(7.5, 15., 60.)		Degree	Min	Degree	Min	Degree	Min	Degree	Min	Degree	Min	Degree	Min	
CM		15.		41.	15.0	117.	30.0									

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

Northing

Easting

Elev

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										21.7										4625.									

Write M if meters

Segment 1 = Depths Start

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	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
25.0										54.0										-3.5										-0.5																													

Segment 2 Start

Segment 3

Segment 4 Start

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

Segment 5

Segment 6 Start

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

Segment 7

Segment 8 Start

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

Segment 9

Segment 10 Start

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

Segment 10 Start

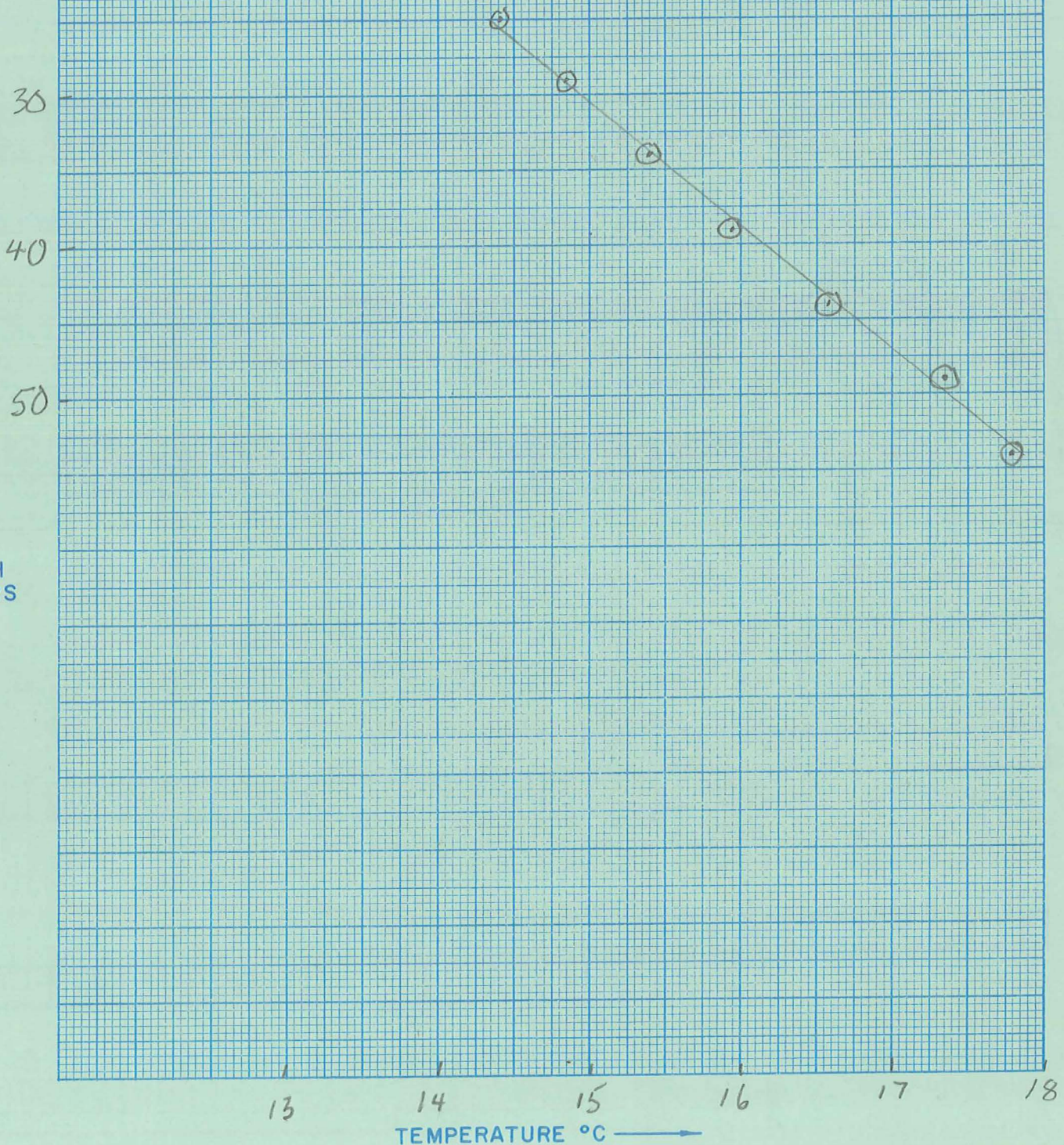
After final segment Start = .999

11.3

HOLE ———

$$\frac{17.85 - 14.35}{54 - 25} = \frac{3.5}{29} \times 1000$$
$$= 120.7 \text{ } ^\circ\text{C/km}$$

DEPTH
METERS



TEMPERATURE °C ———>

TEMPERATURE/DEPTH LOG

ΔT Well No. Δ512

Property-Project 566 Depth Logged 42 m

Map Lovelock AMS Scale 1:250,000 Date: Drilled _____ Logged 7/13/78

State NV County Humboldt, _____ of _____ of _____ of Sec 25 T36N R23E

Instrument DT-101 Operator WDM Elevation 4300 (ft/m)

Comments windmill next to trailer

SHERBRING

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20					
566		13	7	78	CM

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

Card A

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

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

Map Location **

Scale Unit CM Map Size 60. N Lat 40. W Long 119.

Scale Unit	Map Size	N Lat	W Long
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50			
CM	60.	40.	119.

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		
43.1	-11.15	4300.

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50			
27.0	42.0	-3.5	-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			
.999			

Segment 3

Segment 4

Segment 5

Segment 6

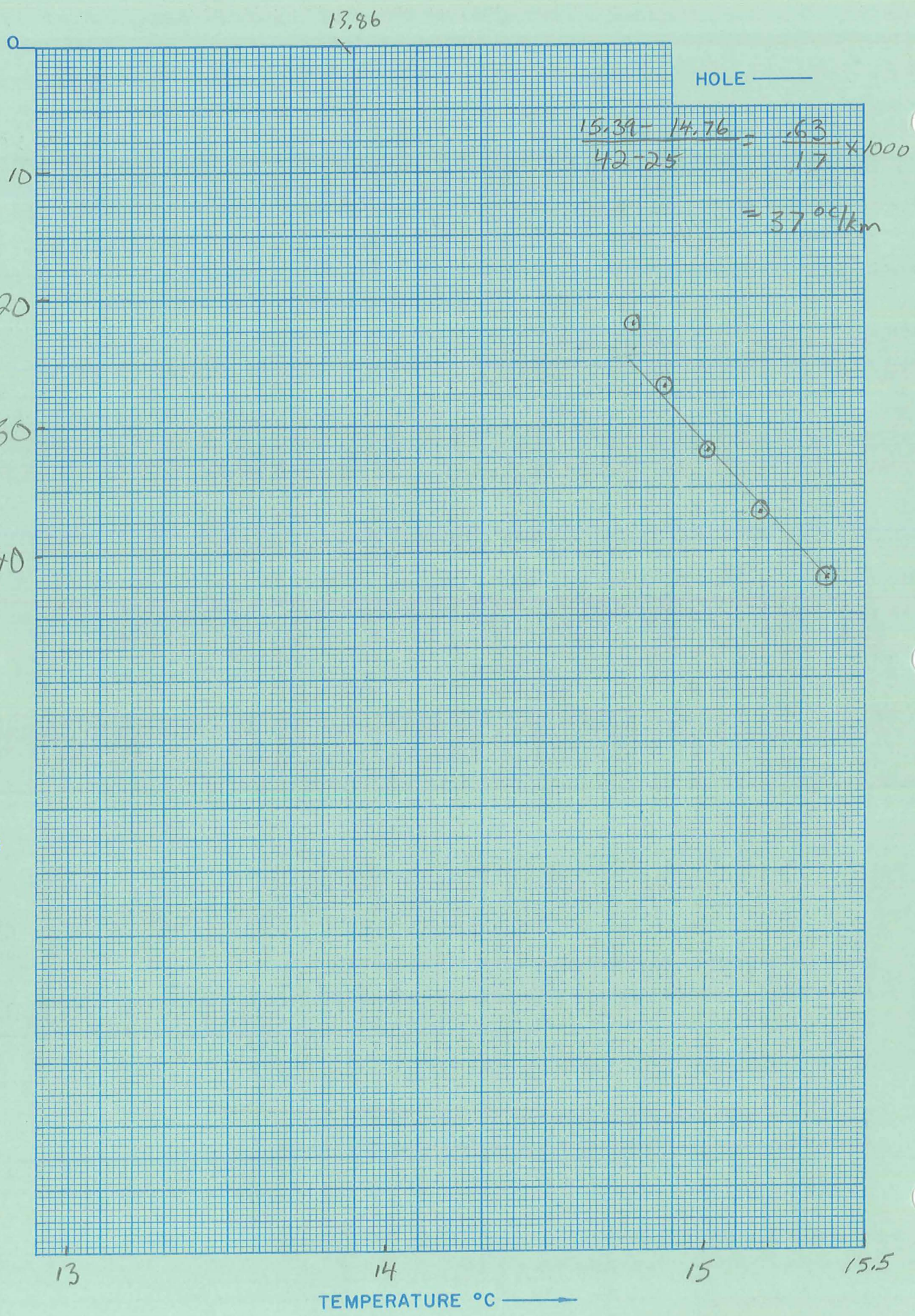
Segment 7

Segment 8

Segment 9

Segment 10

After final segment Start = .999



DEPTH METERS



TEMPERATURE °C ———>

WDM R4 F15/16

AMAX EXPLORATION, INC.

133 °C/km



TEMPERATURE/DEPTH LOG

AT Well No. Δ514

Property-Project 566 Depth Logged 35 m

Map Kovlock AMS Scale 1:250,000 Date: Drilled 7/13/78 Logged 7/13/78

State NV County Washoe of of of of Sec 36 T35N R 23E

Instrument OT-101 Operator WDM Elevation 4000 (ft)

Comments 4" casing former flowing well, dried up by irrigation to N JACKSON

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
566		13	7	78	C M

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

Card A

Site Description																																																		Operator					Editor					DA			MO			YR		
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60	61 62 63 64 65	66 67 68	69 70 71 72 73 74 75 76 77 78 79 80	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 100																																																														
.5 MI. S OF JACKSON RANCH																																																		WDM																		

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

Card B

Map Location **

Scale Unit	Map Size	N Lat		W Long	
IN CM	(7.5, 15, 60)	Degree	Min	Degree	Min **
CM	60.	40.	0.0	119.	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	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 100	101 102 103 104 105 106 107 108 109 110
38.8		-10.7		4000.	

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60
20.0	35.0	-3.5	-0.5

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

Segment 2

51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80
.999		

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

Segment 9

Segment 10

After final segment Start = .999

11.84

HOLE ———

$$\frac{16.5 - 14.5}{35 - 20} = \frac{2}{15} \times 1000$$

$$= 133 \text{ } ^\circ\text{C/km}$$

10

20

25

30

35

DEPTH
METERS



12

13

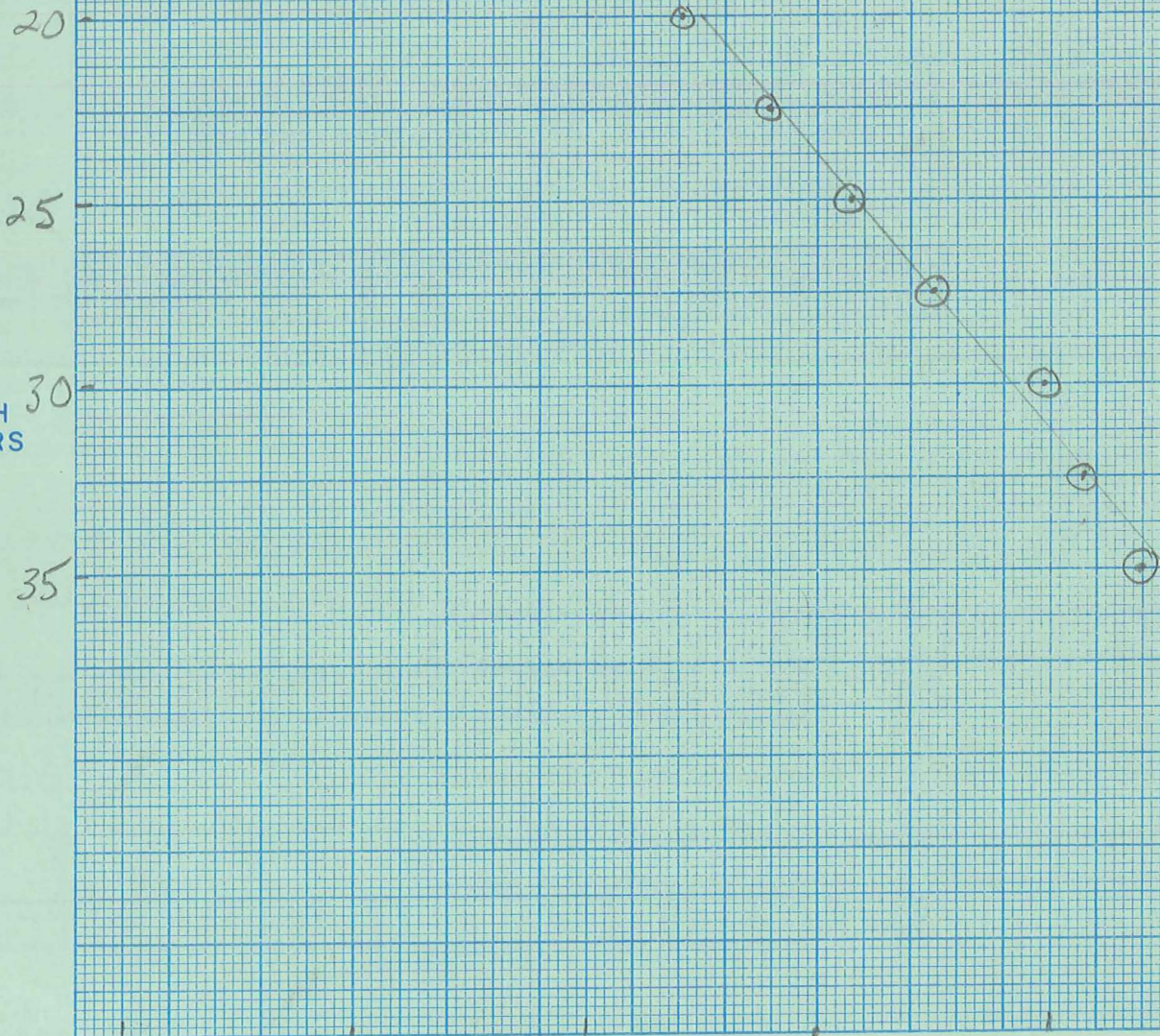
14

15

16

16.5

TEMPERATURE °C ———>



ΔT Well No. Δ 515

Property-Project 566 Depth Logged 17.5 m

Map Ravelock AMS Scale _____ Date: Drilled _____ Logged 7/13/78

State NV County Pershing, _____ of _____ of _____ of Sec 32 T 35N R 24E

Instrument DT-101 Operator WDM Elevation 4000 (ft/m)

Comments USGS water level monitoring hole USGS

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
566		7	13	78	C M

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

Card A

Site Description																																																		Operator					Editor					DA			MO			YR		
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55	56 57 58 59 60	61 62 63	64 65	66 67	68 69	70	71 72 73 74 75	76 77 78 79 80	81 82 83	84 85	86 87	88 89	90																																																				
USGS WATER LEVEL HOLE																																																		WDM										7			13			78		

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

Card B

Scale Unit IN CM

Map Size (7.5, 15., 60.) 60.

Map Location * *

N Lat	W Long
Degree	Degree
Min	Min
40.	119.
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	81 82 83 84 85	86 87 88 89 90	91 92 93 94 95	96 97 98 99 100	101 102 103 104 105	106 107 108 109 110	111 112 113 114 115	116 117 118 119 120	121 122 123 124 125	126 127 128 129 130	131 132 133 134 135	136 137 138 139 140	141 142 143 144 145	146 147 148 149 150										
38.7										-9.9										4000.									

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40
14.5	17.5	-3.0	-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
.999			

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

Segment 9

Segment 10

After final segment
Start = .999

12.2

HOLE ———

$$\frac{13.67 - 13.24}{17.5 - 14.5} = \frac{43}{3} \times 1000$$
$$= 143 \text{ } ^\circ\text{C}/\text{km}$$

DEPTH METERS



10

15

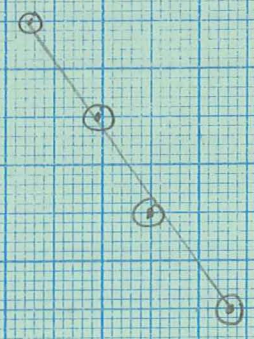
17

12

13.5

14

TEMPERATURE °C ———>



54 °C/km

ΔT Well No. Δ516

Property-Project 566 Depth Logged 90m

Map McDermite AMS Scale 1:25000 Date: Drilled 7/15/78 Logged 7/15/78

State NV County Humboldt of of of of Sec 4 T39NR42E

Instrument DT-101 Operator WDM Elevation 4800 (ft/m)

Comments large jack pump and tanks - 1.7 mi. SE of 4-way intersection & fence EDEN

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1-5: 566	6-10:	11-12: 15	13-14: 7	15-16: 78	17-20: CM

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

Card A

Site Description																																																		Operator										Editor										DA			MO			YR		
EDEN VALLEY																																																		WDM																				15			7			78		

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

Card B

Map Location * *

Scale Unit	Map Size	N Lat	W Long			
IN CM	(75, 15, 60)	Degree	Min	Degree	Min	**
21-25: CM	26-30: 60.	31-35: 41.	36-40: 0.0	41-45: 117.	46-50: 0.0	

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

Use decimals

Northing										Easting										Elev									
15.										-8.1										4800.									

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21-25: 40.0	26-30: 90.0	31-35: -4.0	36-40: -0.5

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

Segment 2

Start	End	K	ΔK
41-45: .999	46-50:		

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

Segment 9

Segment 10

Start	End	K	ΔK
51-55:	56-60:		

After final segment
Start = .999

9.65

~~0~~

HOLE ———

$$\frac{14.52 - 11.82}{90 - 40} = \frac{2.7 \times 1000}{50} = 54 \text{ } ^\circ\text{C}/\text{km}$$

DEPTH METERS



40

60

80

90

10

11

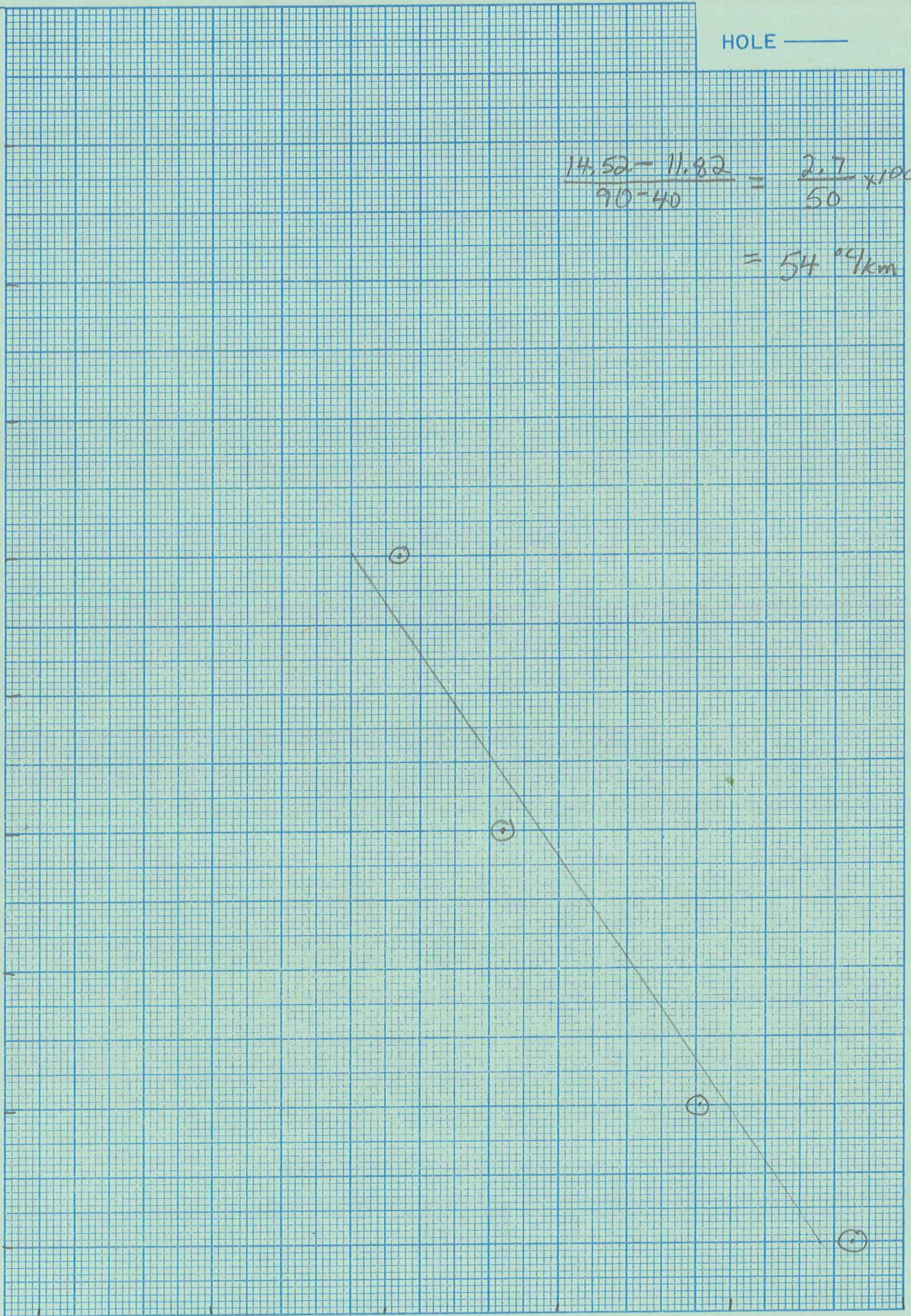
12

13

14

15

TEMPERATURE °C ———→



44 °C/km

ΔT Well No. AS17

Property-Project 566 Depth Logged 50m

Map McDermitt AMS Scale 1:250,000 Date: Drilled _____ Logged 7/15/78

State NV County Bamboldt, _____ of _____ of _____ of _____ of Sec 23 T42N R 40E

Instrument DT-101 Operator WOM Elevation 4700 (ft/m)

Comments water well at trailer

QUICKIE

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
566		15	7	78	C M

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

Card A

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

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

Card B

Scale Unit IN CM

Map Size (7.5, 15, 60) 60.

Map Location * *

N Lat Degree 41. Min 0.0

W Long Degree 117. Min 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																														
22.										-14.4										4700.												

Use decimals

Write M 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			
35.0	50.0	-3.5	-0.5		

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	
.999			

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

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

Segment 5

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

Segment 6

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

Segment 7

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

Segment 8

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

Segment 9

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

Segment 10

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

After final segment Start = .999

11.81

HOLE ———

$$\frac{14 - 13.34}{50 - 35} = \frac{.66}{15} \times 1000$$
$$= 44 \text{ } ^\circ\text{C}/\text{km}$$

30
40
50

DEPTH METERS



12

13

14

TEMPERATURE °C ———>



AT Well No. Δ518

Property-Project 566 Depth Logged 38m
 Map Rose Creek Scale 1:62500 Date: Drilled _____ Logged 7/18/78
 State NV County Humboldt, _____ of _____ of SE of NE of Sec 30 T 36N R 37E
 Instrument OT-101 Operator FD Elevation 4350 (ft/m)
 Comments windmill

HUMBOLDT

RT JUSTIFY

Date Logged																			
Proj No					Well No					DA		MO		YR					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
566										18	7	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																											
WINDMILL 5 MI. W OF WINNEMUCCA																																																												FD														

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

Map Location **

Scale Unit		Map Size (7.5, 15., 60.)			N Lat		W Long																				
IN	CM	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
CM		15.			40.		45.			118.			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										
38.7															19.9															4350.									

Use decimals

Write M if meters

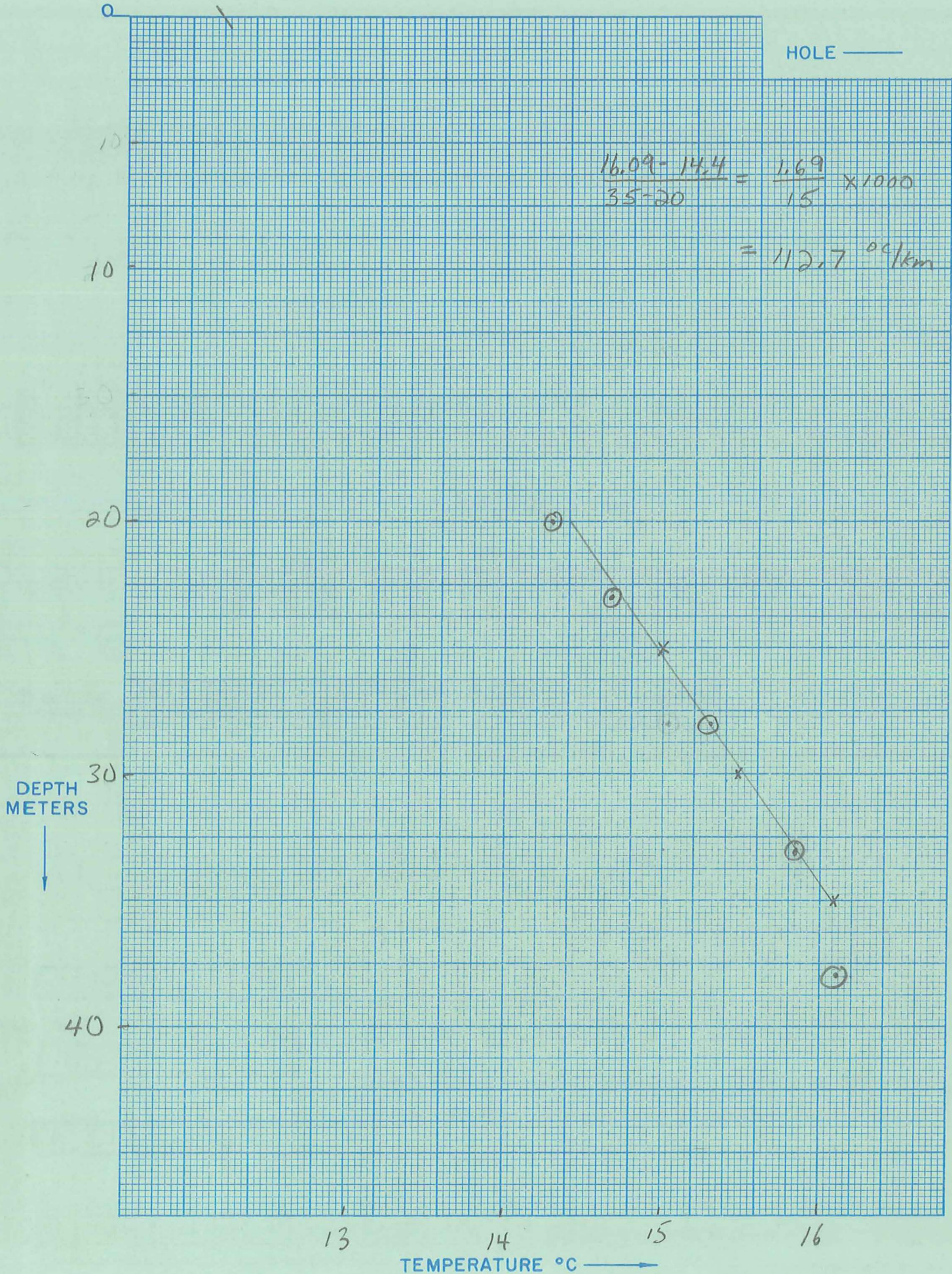
Segment 1 = Depths		Conductivity		Best cond. (-K)																																																							
Start	End	K	ΔK	Downward extrapolations (-ΔK)																																																							
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
20.0		35.0		-3.5 -0.5																																																							
Segment 2		Segment 3		Segment 4		Segment 5		Segment 6		Segment 7		Segment 8		Segment 9		Segment 10		After final segment																																									
Start →		Start →		Start →		Start →		Start →		Start →		Start →		Start →		Start →		Start →																																									
		.999																																																									

After final segment Start = .999

HOLE ———

$$\frac{16.09 - 14.4}{35 - 20} = \frac{1.69}{15} \times 1000$$

$$= 112.7 \text{ } ^\circ\text{C}/\text{km}$$



13

14

15

16

TEMPERATURE °C ———>

DEPTH METERS



Date Logged: _____

ΔT Well No. Δ518

HUMBOLDT

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
80		16.13					
50		16.11					
38		16.11	.25	50		H ₂ O	gal
33		15.86	.56	112			
28		15.3	.62	124			
23		14.68	.39	130			
20		14.29					
35		16.09	.62	124			
30		15.47					
25		15.					
20							



ΔT Well No. Δ519

Property-Project 566 Depth Logged 100m
 Map Rose Creek Scale 1:62500 Date: Drilled 7/18/78 Logged 7/18/78
 State NV County Humboldt of SE of NW of Sec 28 T 36N R 36E
 Instrument DT-101 Operator FD Elevation 4550 (ft/m)
 Comments Cased 12" mineral hole

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1-566		18	7	78	C M

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

Card A

Site Description																																																		Operator					Editor					DA			MO			YR																																
1-10	11-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	101-110	111-120	121-130	131-140	141-150	151-160	161-170	171-180	181-190	191-200	201-210	211-220	221-230	231-240	241-250	251-260	261-270	271-280	281-290	291-300	301-310	311-320	321-330	331-340	341-350	351-360	361-370	371-380	381-390	391-400	401-410	411-420	421-430	431-440	441-450	451-460	461-470	471-480	481-490	491-500	501-510	511-520	521-530	531-540	541-550	551-560	561-570	571-580	581-590	591-600	601-610	611-620	621-630	631-640	641-650	651-660	661-670	671-680	681-690	691-700	701-710	711-720	721-730	731-740	741-750	751-760	761-770	771-780	781-790	791-800	801-810	811-820	821-830	831-840	841-850	851-860	861-870	871-880	881-890	891-900	901-910	911-920	921-930	931-940	941-950	951-960	961-970	971-980	981-990	991-1000
10 MI. W OF WINNAMUCCA																																																		FD																																																

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

Map Location * *

Scale Unit	Map Size (7.5, 15, 60)	N Lat Degree	Min	W Long Degree	Min **
CM	15	40	46.0	118	0.0

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

Card B

Northing										Easting										Elev																																																																												
31-40	41-50	51-60	61-70	71-80	81-90	91-100	101-110	111-120	121-130	131-140	141-150	151-160	161-170	171-180	181-190	191-200	201-210	211-220	221-230	231-240	241-250	251-260	261-270	271-280	281-290	291-300	301-310	311-320	321-330	331-340	341-350	351-360	361-370	371-380	381-390	391-400	401-410	411-420	421-430	431-440	441-450	451-460	461-470	471-480	481-490	491-500	501-510	511-520	521-530	531-540	541-550	551-560	561-570	571-580	581-590	591-600	601-610	611-620	621-630	631-640	641-650	651-660	661-670	671-680	681-690	691-700	701-710	711-720	721-730	731-740	741-750	751-760	761-770	771-780	781-790	791-800	801-810	811-820	821-830	831-840	841-850	851-860	861-870	871-880	881-890	891-900	901-910	911-920	921-930	931-940	941-950	951-960	961-970	971-980	981-990	991-1000
38.5										8.5										4550																																																																												

Use decimals

Write M if meters

Segment 1 = Depths	Conductivity	Best cond. (-K)
Start	End	ΔK
21-40	41-100	-4.5 -0.5
Segment 2	Start	End
41-999		
Segment 3	Start	End
Segment 4	Start	End
Segment 5	Start	End
Segment 6	Start	End
Segment 7	Start	End
Segment 8	Start	End
Segment 9	Start	End
Segment 10	Start	End

After final segment Start = .999

13.4

HOLE ———

0
20
40
60
80
100

13 14 15 16 17 18

TEMPERATURE °C ———→

DEPTH METERS



⊕

⊕

⊕

⊕

⊕

$$\frac{17.28 - 14.95}{100 - 40} = \frac{2.33}{60} \times 1000$$
$$= 38.8 \text{ } ^\circ\text{C}/\text{km}$$

AT Well No. A520

Property-Project 566 Depth Logged 40 m
 Map Rose Creek Scale 1/2500 Date: Drilled 7/18/78 Logged 7/18/78
 State NV County Humboldt of NE of NE of Sec 30 T36N R 36E
 Instrument OT-101 Operator FD Elevation 4350 (ft)
 Comments windmill in Abel Flat - Barret Springs Windmill
BARRET SP65

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20					
566		18	7	78	CM

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

Card A

Site Description	Operator	Editor	DA	MO	YR
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68			
WINDMILL 11 MI. W OF WINNAMUCC	FD				

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

Card B

Map Location **

Scale Unit	Map Size	N Lat	W Long
IN CM	(7.5, 15., 60.)	Degree	Min
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50		Degree	Min **
CM	15.	40.	45.0 118. 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		
39.2	4.2	F

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50			
20.0	40.0	-3.5	-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			
.999			

Segment 3

Segment 4

Segment 5

Segment 6

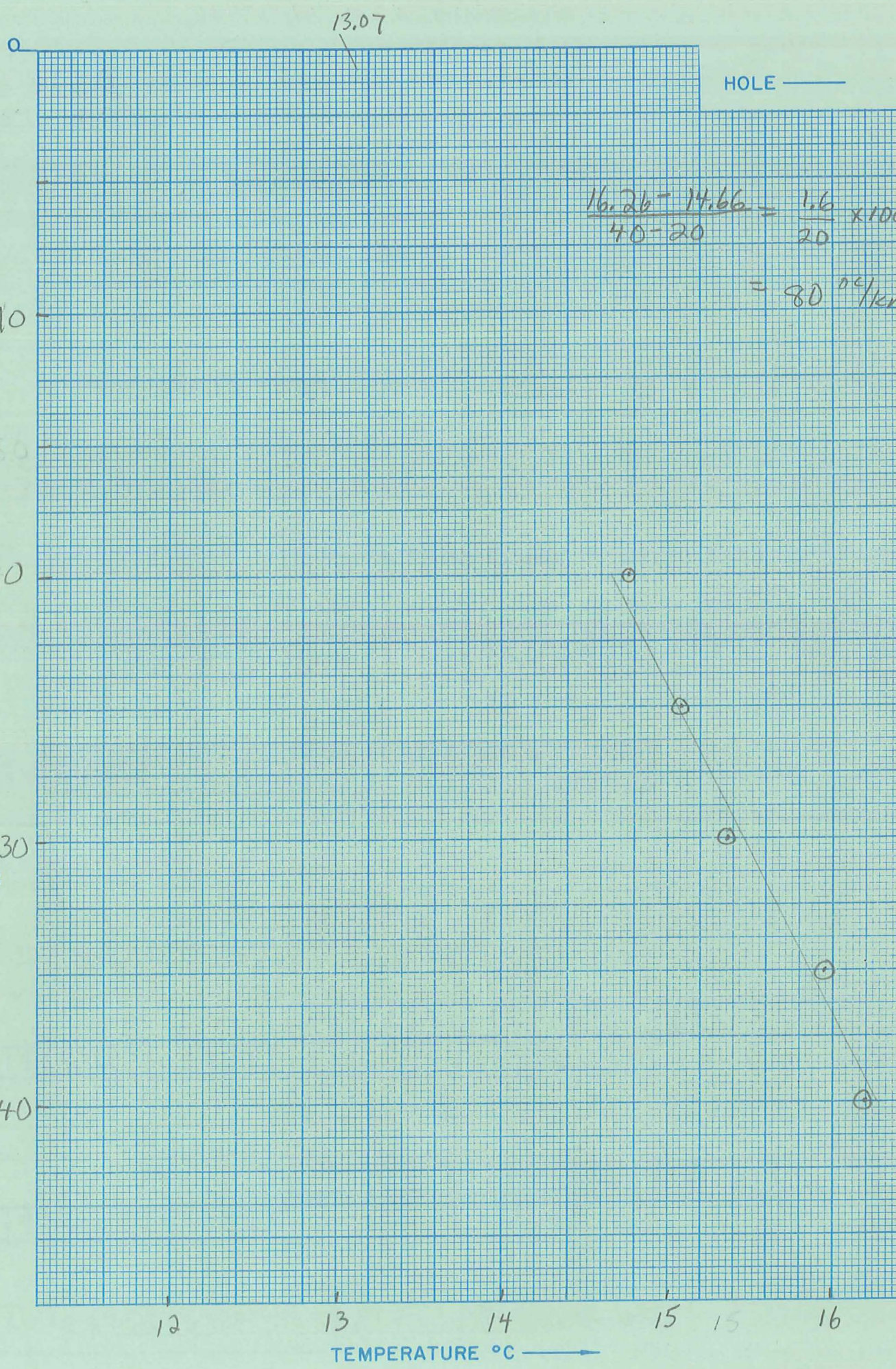
Segment 7

Segment 8

Segment 9

Segment 10

After final segment Start = .999



13.07

HOLE ———

$$\frac{16.26 - 14.66}{40 - 20} = \frac{1.6}{20} \times 1000$$
$$= 80 \text{ } ^\circ\text{C}/\text{km}$$

DEPTH METERS



TEMPERATURE °C ———>

12

13

14

15

15

16

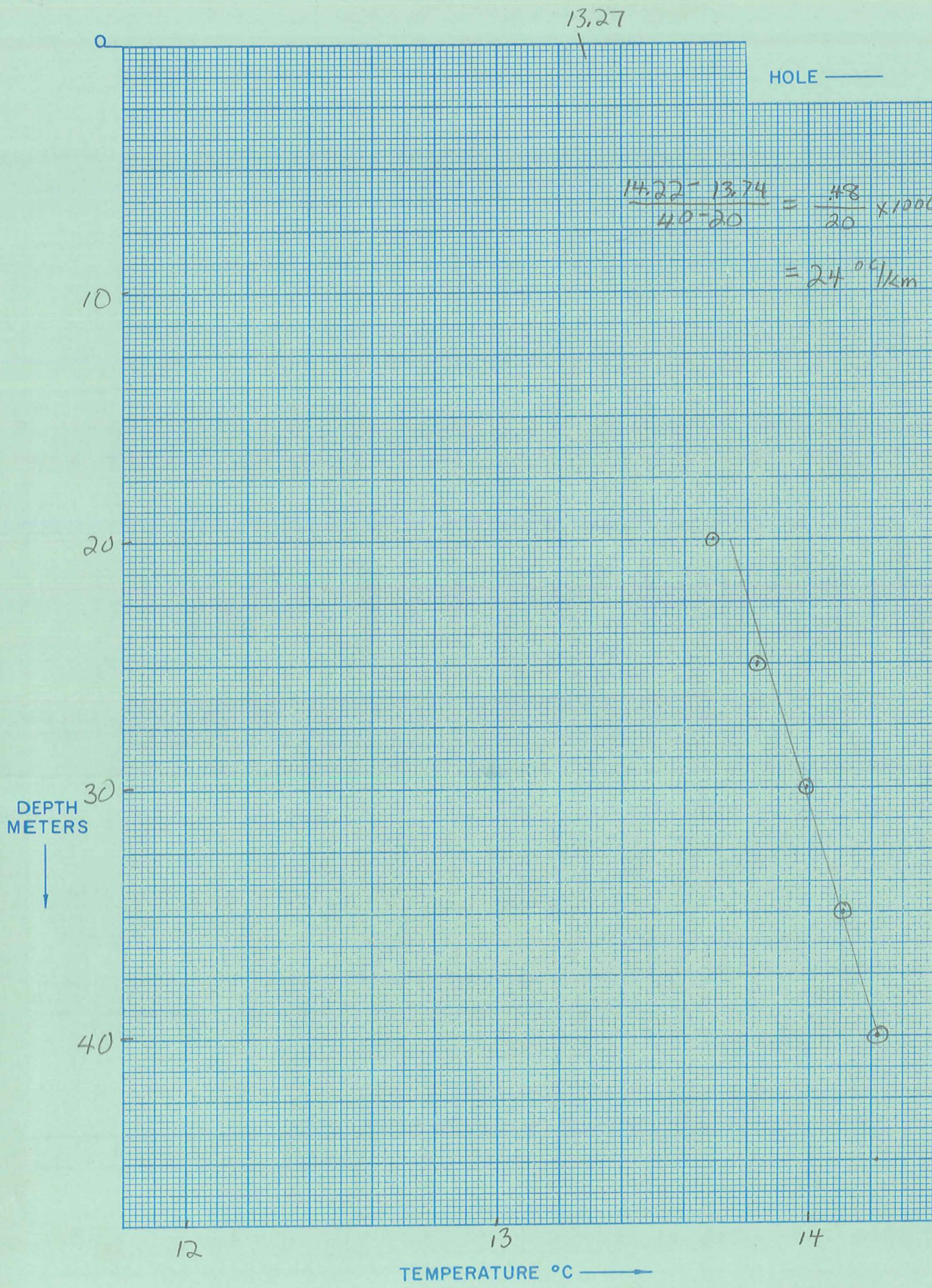
10

20

30

40

40



ΔT Well No. Δ522

Property-Project 566 Depth Logged 50m

Map Vya AMS Scale 1:250,000 Date: Drilled _____ Logged 7/12/78

State NV County Washoe, of _____ of SE of SE of Sec 4 T40N R20E

Instrument OT-101 Operator WDM Elevation 5800 (ft/m)

Comments windmill pumping prior to probe
.9 mi. from Highway 340 BOULDER

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
566		7	12	78	C.M.

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

Card A

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

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

Card B

Scale Unit CM Map Size 60. N Lat 41.00 W Long 119.00

Map Location **

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

Use decimals

Northing										Easting										Elev									
51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 100	101 102 103 104 105 106 107 108 109 110	111 112 113 114 115 116 117 118 119 120	121 122 123 124 125 126 127 128 129 130	131 132 133 134 135 136 137 138 139 140	141 142 143 144 145 146 147 148 149 150	151 152 153 154 155 156 157 158 159 160	161 162 163 164 165 166 167 168 169 170	171 172 173 174 175 176 177 178 179 180	181 182 183 184 185 186 187 188 189 190	191 192 193 194 195 196 197 198 199 200	201 202 203 204 205 206 207 208 209 210	211 212 213 214 215 216 217 218 219 220	221 222 223 224 225 226 227 228 229 230	231 232 233 234 235 236 237 238 239 240	241 242 243 244 245 246 247 248 249 250	251 252 253 254 255 256 257 258 259 260	261 262 263 264 265 266 267 268 269 270	271 272 273 274 275 276 277 278 279 280	281 282 283 284 285 286 287 288 289 290	291 292 293 294 295 296 297 298 299 300	301 302 303 304 305 306 307 308 309 310	311 312 313 314 315 316 317 318 319 320	321 322 323 324 325 326 327 328 329 330	331 332 333 334 335 336 337 338 339 340	341 342 343 344 345 346 347 348 349 350
18.										-24.6										5800.									

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
25.0	50.0	-5.5	-0.5

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

Segment 2 Start → .999

Segment 3

Segment 4 Start →

Segment 5

Segment 6 Start →

Segment 7

Segment 8 Start →

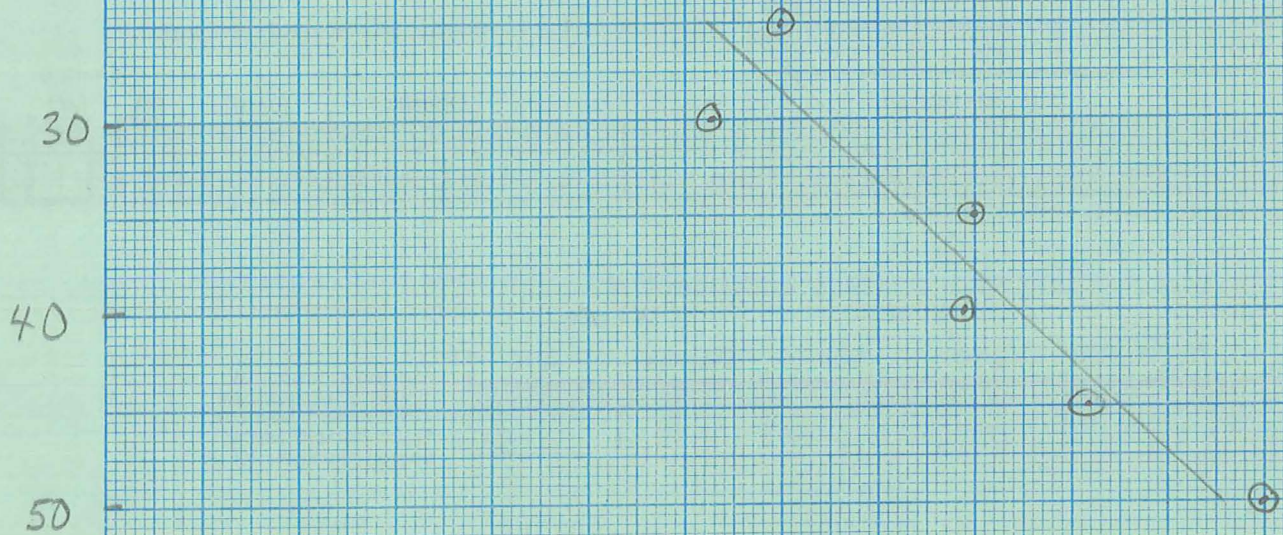
Segment 9

Segment 10 Start →

After final segment Start = .999

HOLE ———

$$\frac{13.66 - 13.12}{50 - 25} = \frac{.54}{25} \times 1000$$
$$= 21.6 \text{ } ^\circ\text{C/km}$$



DEPTH METERS



TEMPERATURE °C ———>

ΔT Well No. Δ523

Property-Project 566 Depth Logged _____

Map Vya 7 1/2' Scale 1:24,000 Date: Drilled _____ Logged 7/12/78

State NU County Washoe, _____ of _____ of NW of SW of Sec 28 T43N R19E

Instrument DT-101 Operator WDM Elevation 5585 (ft/m)

Comments new irrigation well - 16" VYA

RT JUSTIFY

Date Logged

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

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

Card A

Site Description																														Operator			Editor			DA	MO	YR
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55	56 57 58 59 60	61 62 63	64 65	66 67 68																															
2, 4 MI. N OF VYA																														WDM								

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

Card B

Scale Unit	Map Size	N Lat		W Long	
IN CM	(7.5, 15, 60)	Degree	Min	Degree	Min
21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40	41 42 43 44 45	46 47 48 49 50
CM	7.5	41.30.0	119.52.5		

Use decimals

Map Location **

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

Northing										Easting										Elev									
51 52 53 54 55	56 57 58 59 60	61 62 63 64 65	66 67 68 69 70	71 72 73 74 75	76 77 78 79 80																								
54.4										2.6										5585									

Use decimals

Write M if meters

Segment 1 = Depths	Conductivity		Best cond. (-K)	
Start	End	K	ΔK	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	
	26.0	76.0	-3.5	-0.5

Segment 2

51 52 53 54 55	56 57 58 59 60	61 62 63 64 65	66 67 68 69 70	71 72 73 74 75	76 77 78 79 80
.999					

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

Segment 9

21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45	46 47 48 49 50
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Segment 10

51 52 53 54 55	56 57 58 59 60	61 62 63 64 65	66 67 68 69 70	71 72 73 74 75	76 77 78 79 80
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After final segment Start = .999

10.02

HOLE ———

$$\frac{13.98 - 11.25}{80 - 25} = \frac{2.73}{55} \times 1000$$
$$= 49.6 \text{ } ^\circ\text{C/km}$$

DEPTH METERS



0
10
20
30
40
50
60
70

10 11 12 13 14

TEMPERATURE °C ———>

