

A00043

TEC-23

Nevada ΔT #3-128
Temperature Depth Logs (1977)
Counties: Churchill, Douglas,
Elko, Eureka, Esmeralda, Humboldt,
Lander, Lyon, Mineral, Nye,
Pershing, Washoe, Nevada

Missing Files

14-15

22-24

30

32

35-37

40

45

51

54

56-57

66

68

76-77

80

82

89

91-92

94-95

99

117-118

126

264.7 °C/km $\Delta 3$ ✓

TEMPERATURE DEPTH LOG

ΔT Well No. _____

Property-Project 566 Depth Logged 49m

Map Buffalo Springs Scale _____ Date: Drilled _____ Logged 4/2/17

State Nevada County Lander Section SESE 23 T 29N R 41E

Instrument DT-101 Operator BWR Elevation 4610 ft.

Comments Top of casing 9' above ground surface

COMPUTER PROCESSING

RT JUSTIFY: Card A

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

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

Site Description																																																Operator						Editor					
21	22	23	24	25	26	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																				
AT BVFFALU VALLEY DT SPRINGS																																																BWR						AKG					

Card B

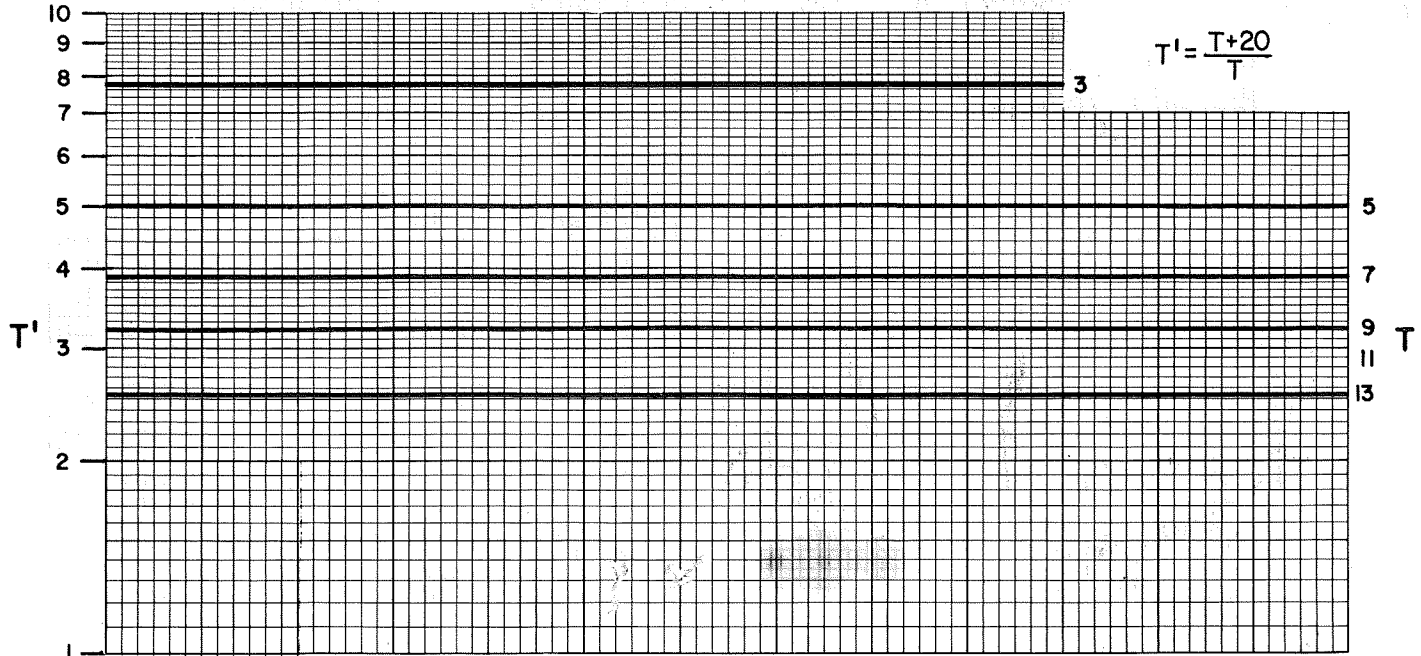
Scale Unit					Map Location Δ																														
in. / cm					Map Size (7.5, 15, 60)					N Lat Degree / Min					W Long Degree / Min																				
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50						
cm					15.0					40.15.0					117.30.0																				

Δ 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						
20.7										23.9										4610						F										

Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

TEMPERATURE - DEPTH LOG

Location SE 1/4, SE 1/4, Sec 23, T29N, R41E Date 6/25

Map Buffalo Springs

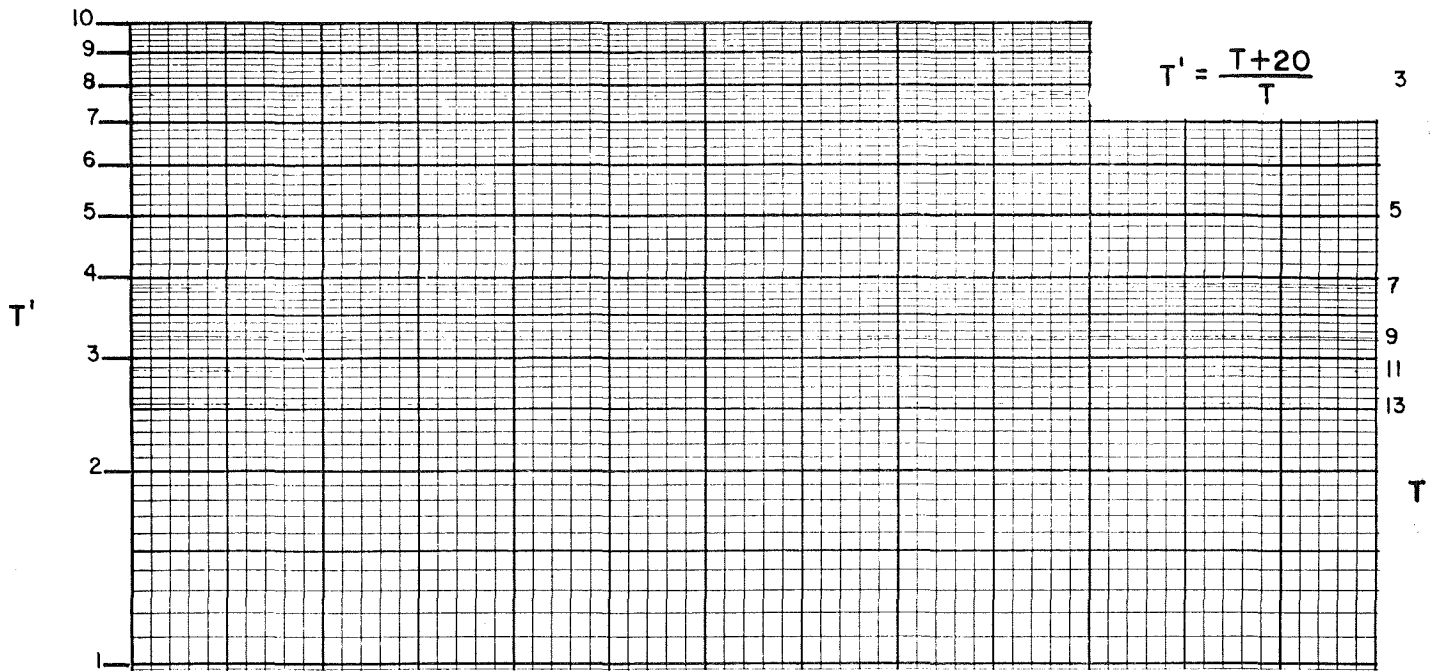
Property BLM T 29N R 41E sec 23

Drill Hole 1 1/2" Date Drilled - Elevation 4610 ft.

Instrument - Operator -

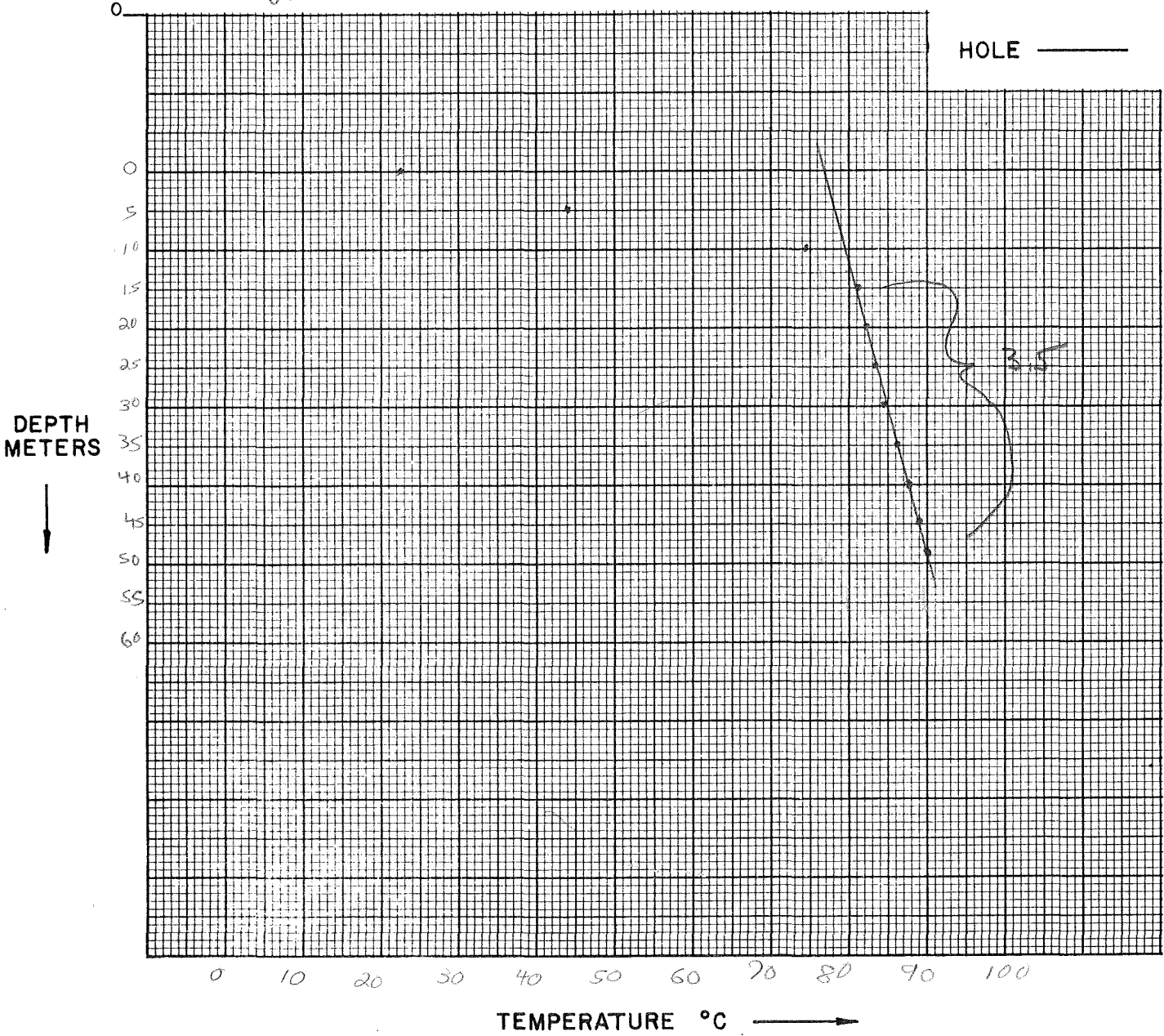
Comments Top of casing 9' off the ground surface

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
0		20.60			<i>K = 3 ± 0.5</i> Ukenwic Soil w/ some clays. Bottom of Hole
5		44.02	+21.42	4284 °C/km	
10		74.68	30.66	6/32.0°	
15		81.20	6.52	1304.0°	
20		82.25	1.05	210.0°	
25		83.58	1.33	266.0°	
30		84.78	1.20	240.0°	
35		86.21	1.43	286.0°	
40		87.85	1.64	328.0°	
45		89.10	1.25	250.0°	
49		90.12	1.02	204.0°	
29999					



$\frac{\text{diff } ^\circ\text{C}}{\text{diff. D}} \times 1000 = \text{T.G.}$

RESISTANCE $\frac{90-81}{49-15} = \frac{9}{34} = +264.7^\circ/\text{km}$



TEMPERATURE DEPTH LOG

04 ✓
 ΔT Well No. WV8

Property-Project 566 Depth Logged 85 meters
 Map Dunphy Nev. Scale 1:15' Date: Drilled - Logged 6/28
 State Nevada County Lander Section 23 T 31N R 47E
 Instrument DT101 Operator BCW-FD Elevation 5120 ft.
 Comments _____

COMPUTER PROCESSING

RT JUSTIFY: {

Proj No				Well No				Date Logged			*										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
								DA	MO	YR	*										
0	0	0	0					4	28	20	06	20	06	20	06	20	06	20	06	C	M

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

Card A {

Site Description																				Operator		Editor																	
21	22	23	24	25	26	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
DN DIRT RD SKN SKN OF GEYSERS																				BCW		FD																	

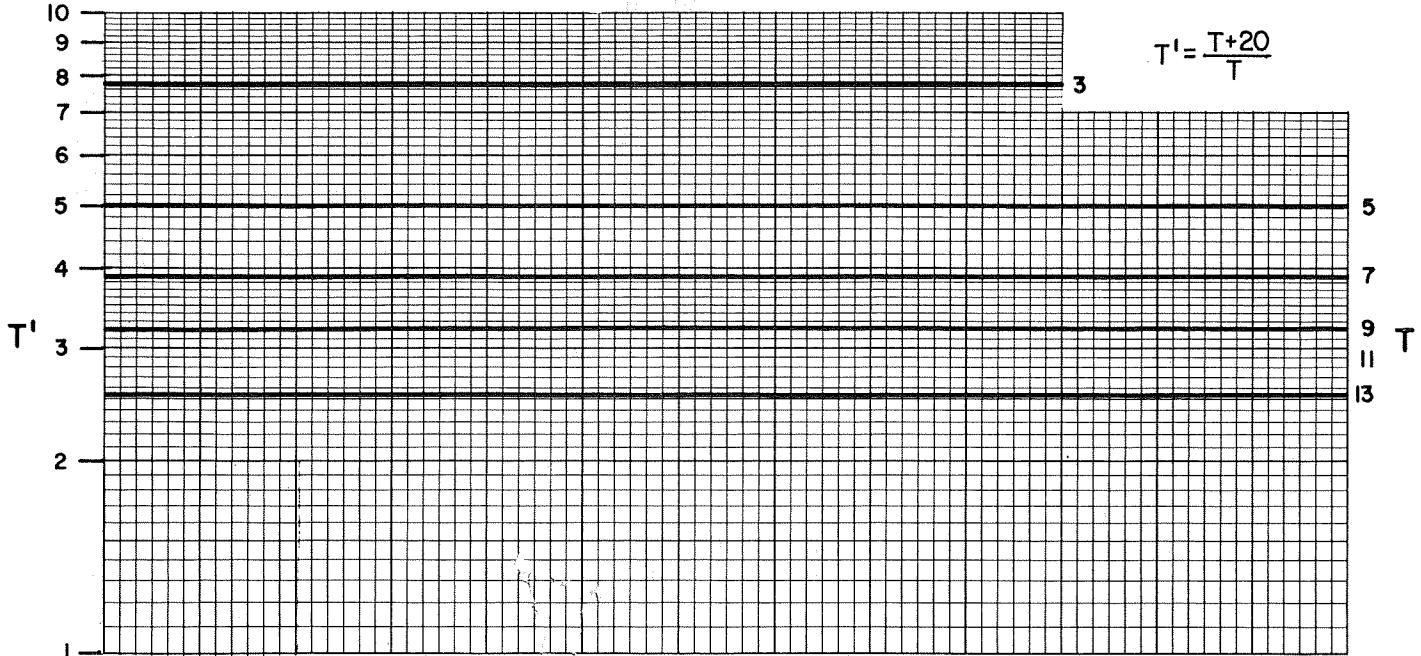
Card B {

Scale Unit		Map Size		Map Location ^Δ				N Lat		W Long		Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+) Use decimals
in.	cm	(7.5, 15., 60)		Degree	Min	Degree	Min	Degree	Min			
cm	cm	15.0		40.	32.0	116.	45.0					

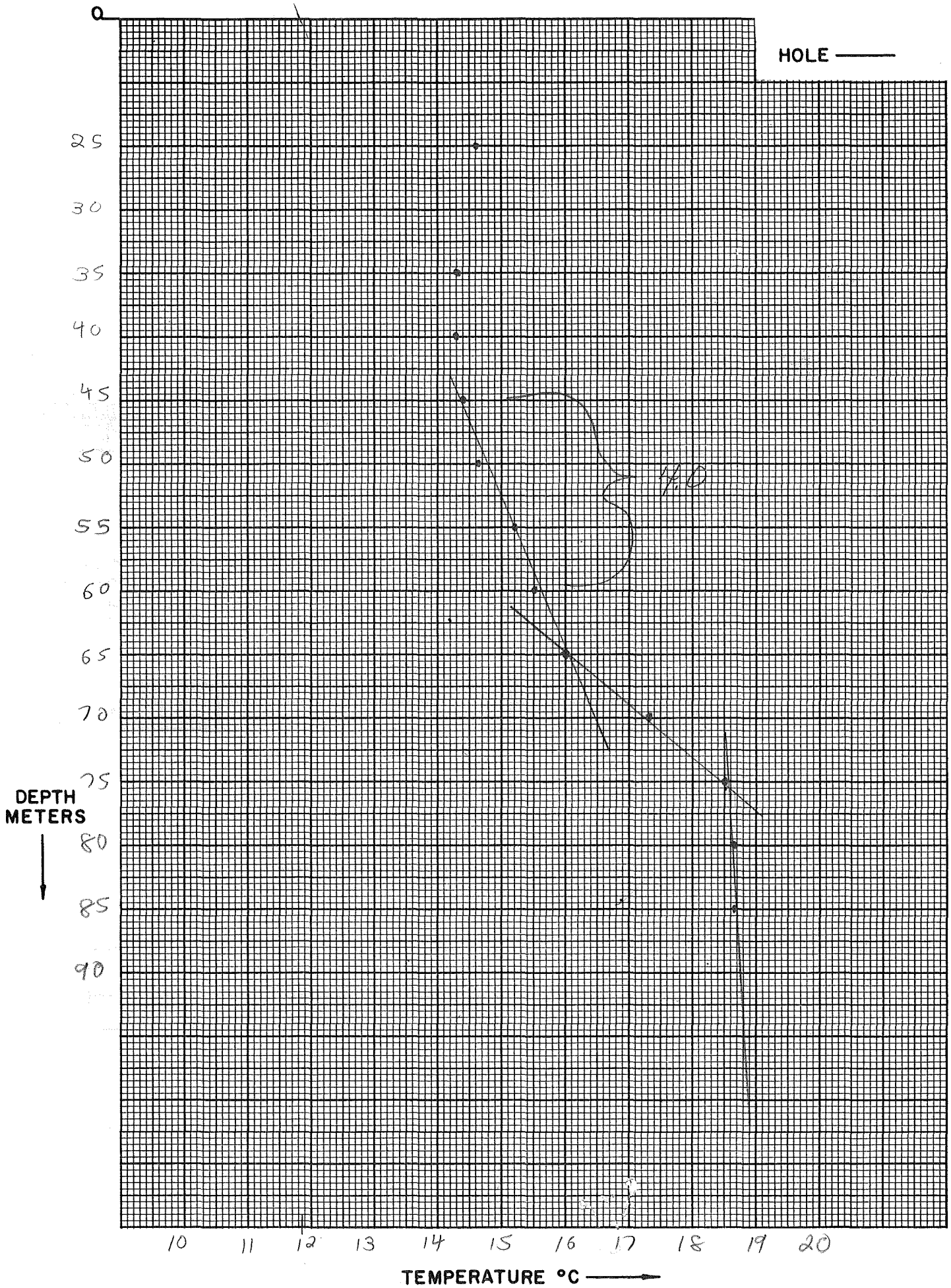
Northing					Easting					Elev																			
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
13.65					13.7					5120		F																	

Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE



04 ✓

Date Logged: 6/28

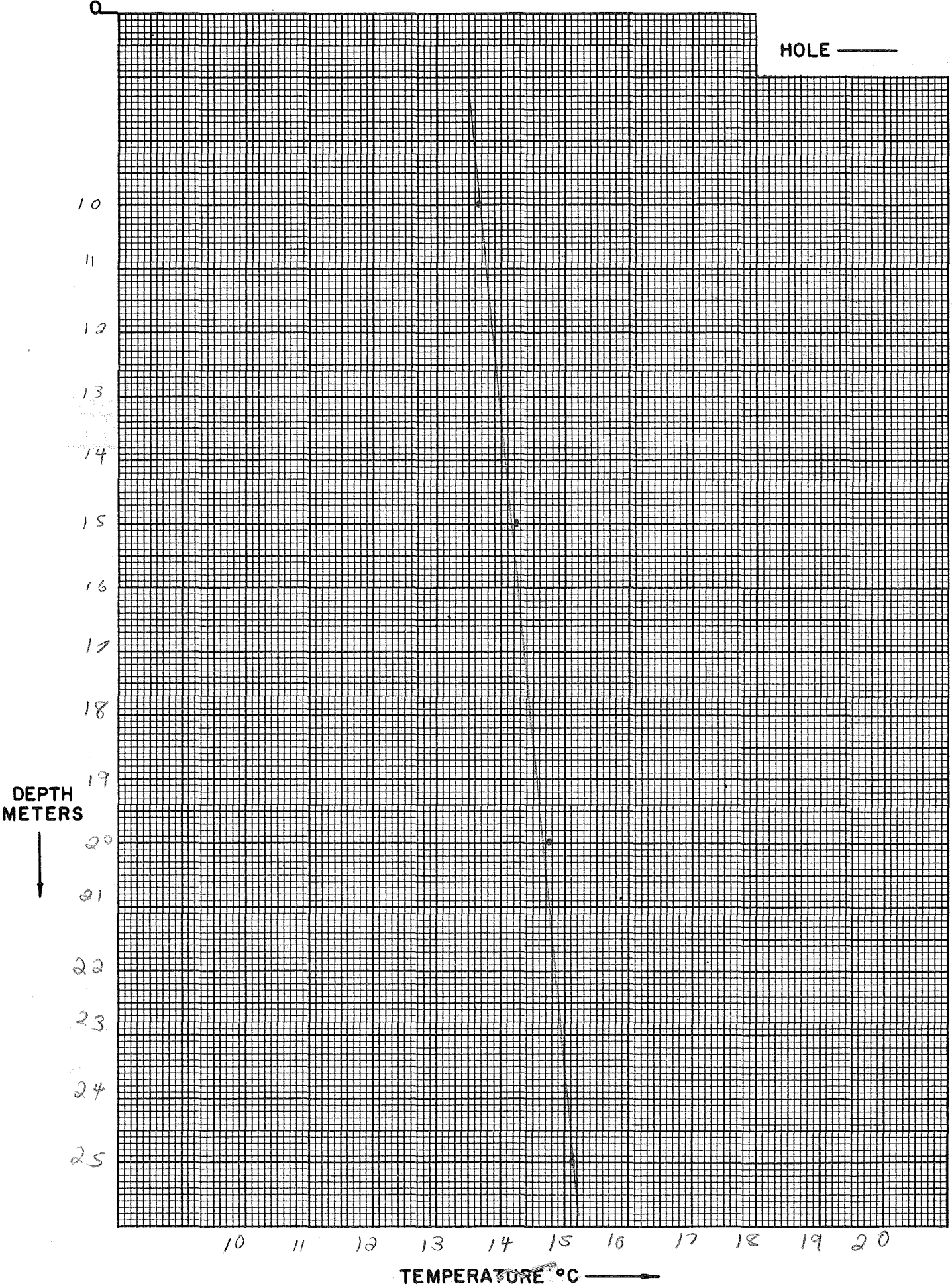
ΔT Well No. WWV8

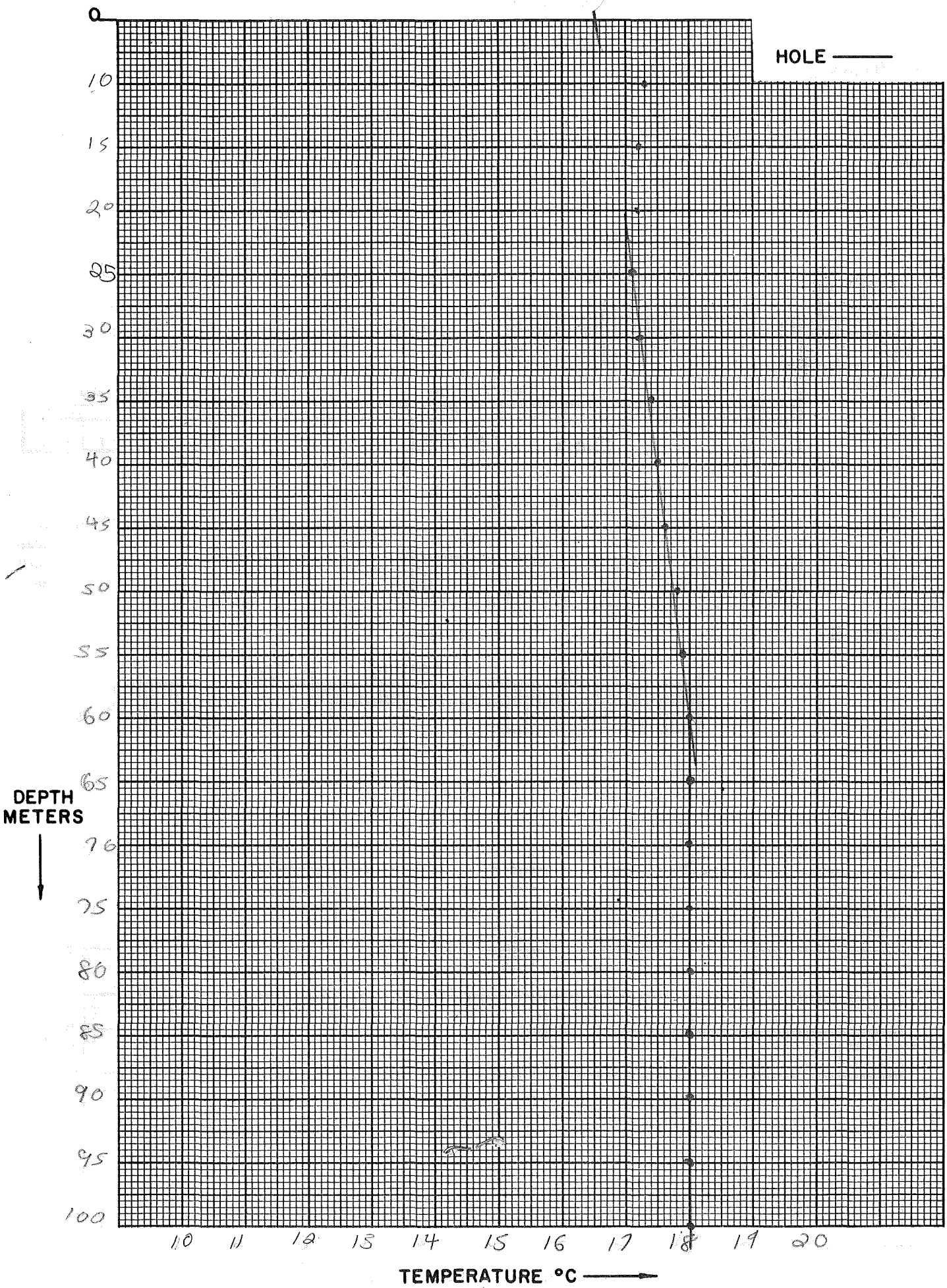
Gradient *
*

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
25		14.6	- .3	- 90			K = 4 ± 0.5 ³⁰
35		14.3	- .03	- 6			Volcanic Soil
40		14.27	+ .15	+ 30			
45		14.42	.22	+ 44			BELOW
50		14.64	.68	136			
55		15.32	.20	40			
60		15.52	.48	96			
65		16.00	1.33	266			
70		17.33	1.15	230			
75		18.48	.17	34			
80		18.65	.00	0			
85		18.65					
99999.							
							1552-1442
							60-45

K=Conductivity

$$\frac{15.1 - 13.65}{25 - 10} = \frac{1.45}{15} = 96.67 \text{ } ^\circ\text{C}/\text{km}$$





119 °C/km
TEMPERATURE DEPTH LOG

Δ 7 ✓ ✓

Property-Project 566 ΔT Well No. _____
 Map Banta Mt Scale 1:150 Date: Drilled _____ Logged 6/28
 State Nevada County Lander Section 14 T 31N R 45E
 Instrument DC 101 Operator JTS BCW Elevation 4540 ft.
 Comments PVC 3/4" pipe

COMPUTER PROCESSING

RT JUSTIFY: → → → *

Proj No				Well No				Date Logged			*		
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	*
9	0	0	2					7	28	6			CM

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

Card A

Site Description																																																Operator				Editor			
21	22	23	24	25	26	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																
3KH NW OF BANTA MOUNTAIN, HILTOP RD																																																JTS/BCW				SS/RE			

Scale Unit		Map Size		Map Location Δ																												
in	cm	(7.5, 15., 60)	N Lat		W Long																											
			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		15.0	30.0	00.0	117.00																											

Δ 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
10.00										47.75										4540.0									

Write M if meters

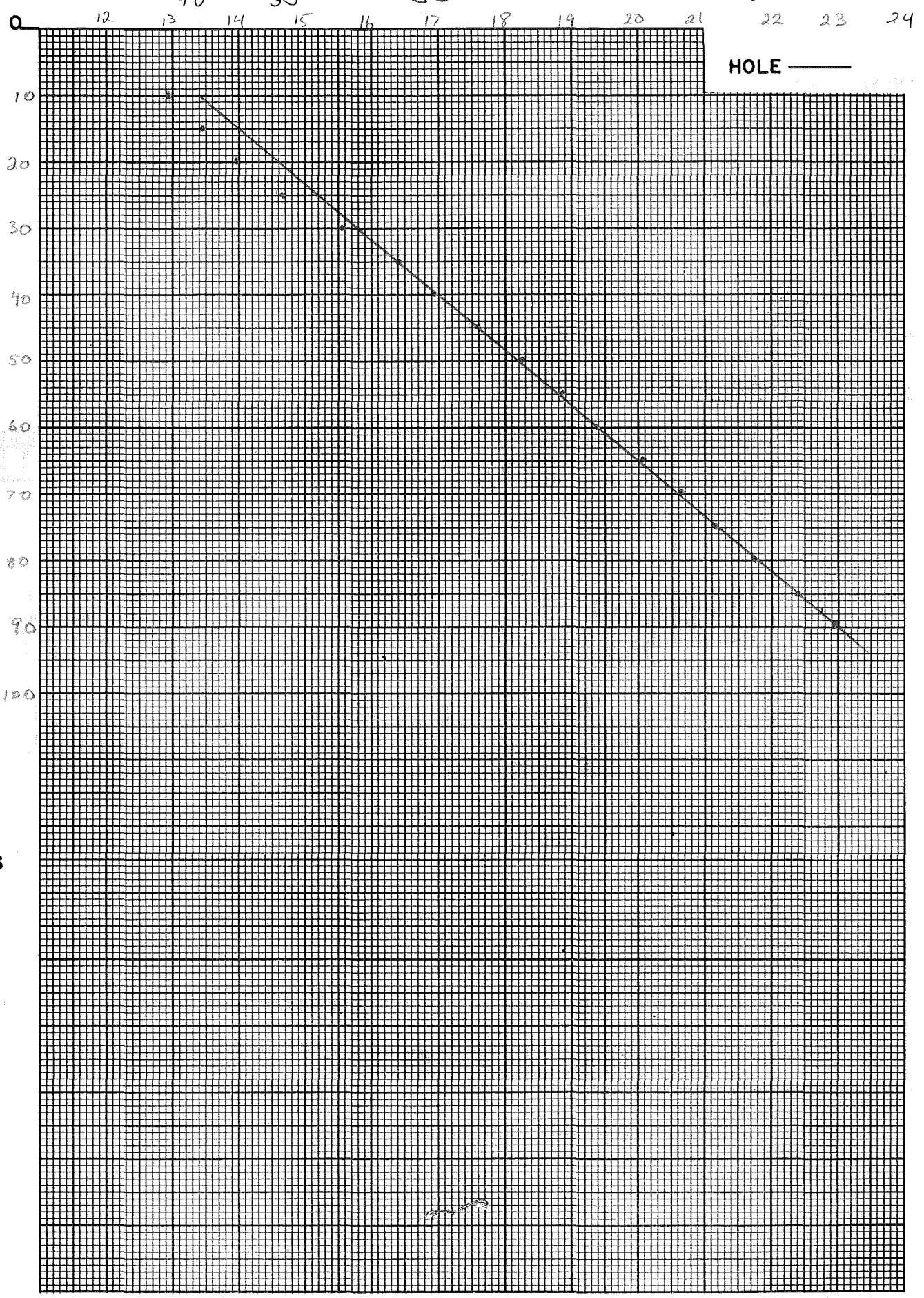
	SEGMENT DEPTH		K	ΔK
	Start	End		
C	30.0	30.0	13.5	0.5
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999

$$\frac{22.95 - 16.4}{90 - 35} = \frac{6.55}{55} \times 1000 = 119.1 \text{ } ^\circ\text{C}/\text{km}$$



119.1

(A)

38 42
59 27

Δ 7 ✓

2

Date Logged: 6/28/77

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		12.95					
			+0.50				
15		13.45					K = 3.5 ± 0.5
			+0.52				
20		13.97					Sandy alluvium
			+0.65				
25		14.62					Reese River Valley
			.97				
30		15.59					
			.81				
35		16.40					
			.54				
40		16.94					
			.64				
45		17.58					
			.69				
50		18.27					
			.53				
55		18.80					
			.57				
60		19.37					
			.72				
65		20.09					
			.52				
70		20.63					
			.55				
75		21.18					
			.59				
80		21.77					
			.65				
85		22.42					
90		22.95					
95							
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

V 28

Property-Project 566 AT Well No. _____
 Map Dunphy Depth Logged 32 meters
 State Nevada Scale 1/62500 Date: Drilled _____ Logged 6/28/77
 Instrument DC 101 County Eureka Section SWNW 11 T 31N R 48E
 Operator JTS, BCW Elevation 4720 ft.
 Comments located in Wheeler Valley

COMPUTER PROCESSING

RT JUSTIFY: {

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

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

Site Description																																																								Operator		Editor	
21	22	23	24	25	26	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	JTS/BCW		/																	
SKM NE OF TULE SEVKS SE																																																											

Card A { 9002

Scale Unit		Map Size		Map Location Δ					
in.	cm	(7.5, 15., 60)		N Lat		W Long			
				Degree	Min	Degree	Min		
CM		15.0		40.	32.	116.	45.	0	

Δ 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	F	
13.63										28.90										7720											

Write M if meters

Card B {

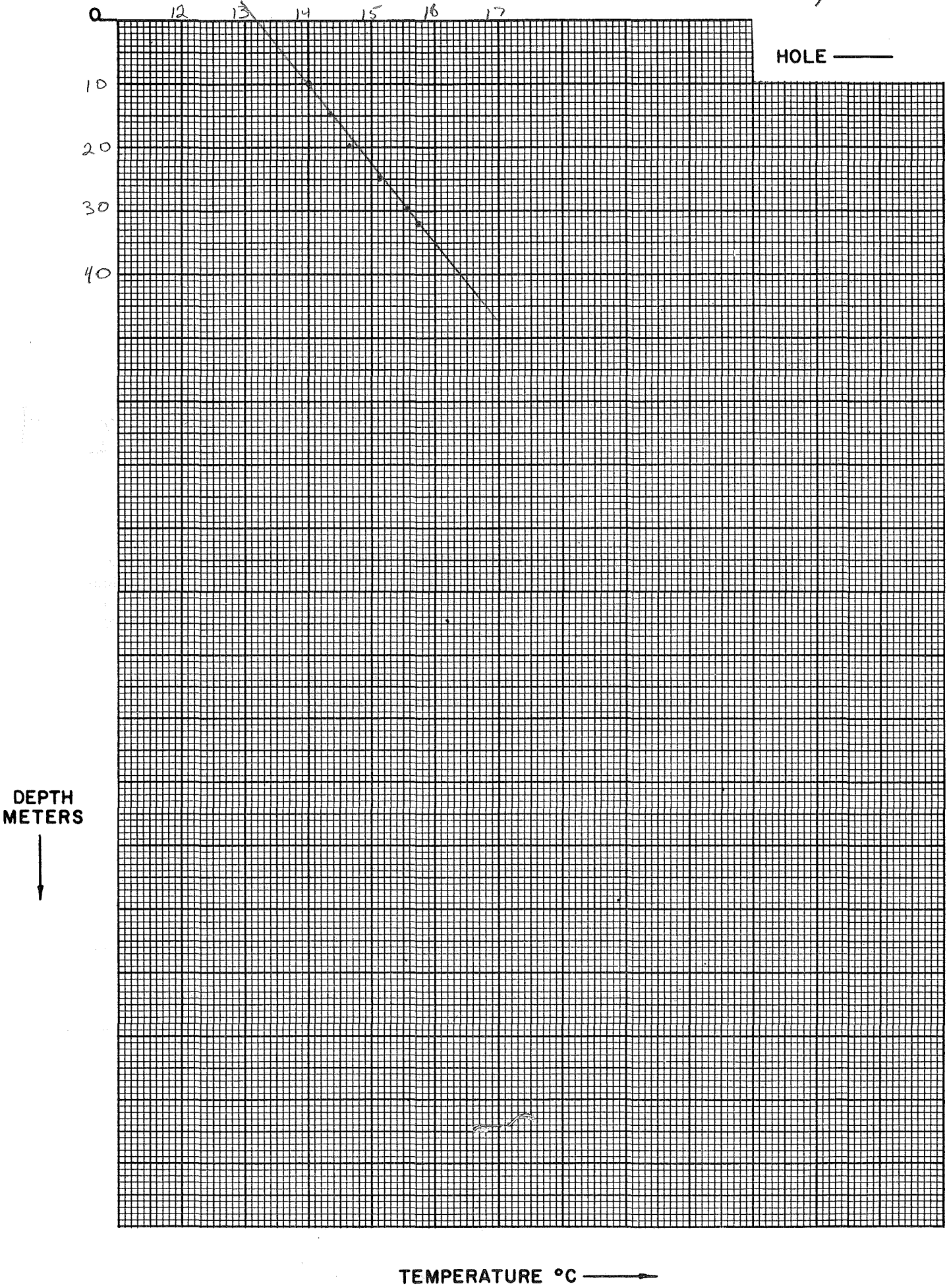
	SEGMENT DEPTH										K	ΔK
	Start						End					
C	10.0					30.0					-3.4	-0.5
D												
E												
F												
G												

Continue each card below.

	SEGMENT DEPTH										K	ΔK
	Start						End					
C	.999											
D												
E												
F												
G												

Final Segment: Start = .999

$$\frac{15.76 - 14.01}{32 - 10} = \frac{1.75}{22} = .08 \times 1000 = 79.55 \text{ }^\circ\text{C}/\text{km}$$



Δ8V

Date Logged: 6/28/77

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		14.01	+34			✓ ₄₀	Qal brn., mg to fg
15		14.35	+29				VOLCANIC SOIL. K = 3.4 ± 0.5 BEDROCK
20		14.64	+49				
25		15.13	+46				
30		15.59					
32		15.76					
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

Δ 99 ✓

Property-Project 566 Δ Well No. _____
 Map Bottle Ntn Scale 15' Date: Drilled _____ Depth Logged 92m
 State Nevada County Lander Section 24 T 3 NR 45E Logged 4/22/77
 Instrument DT-101 Operator JTS Elevation 4500 ft.
 Comments 3/4" PVC near spring with sulfur back

COMPUTER PROCESSING

RT JUSTIFY: *9002*

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	11	04	77	C
																							M

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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	JTS					KRB														
1.5 KM NW OF BOTTLE MOUNTAIN																				PR					HTP RD																																		

Card B

Scale Unit		Map Size		Map Location Δ				W Long																									
in	cm	(7.5, 15, 60)		N Lat		Degree		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		15.0		45.0				117.0		00																							

Δ 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					
360										18.80										4500														

Use decimals

Write M if meters

	SEGMENT DEPTH										K	ΔK																				
	Start					End																										
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		-0.5
D	.999																															
E																																
F																																
G																																

contin to log

Continue each card below.

	SEGMENT DEPTH										K	ΔK																				
	Start					End																										
C	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		0.5
D	45.0										85.0											-3.5										
E																																
F																																
G																																

Final Segment: Start = .999

TEMPERATURE - DEPTH LOG

Location Nw 24 Well (PUC) Date 6/22/77

Map Battle Mtn

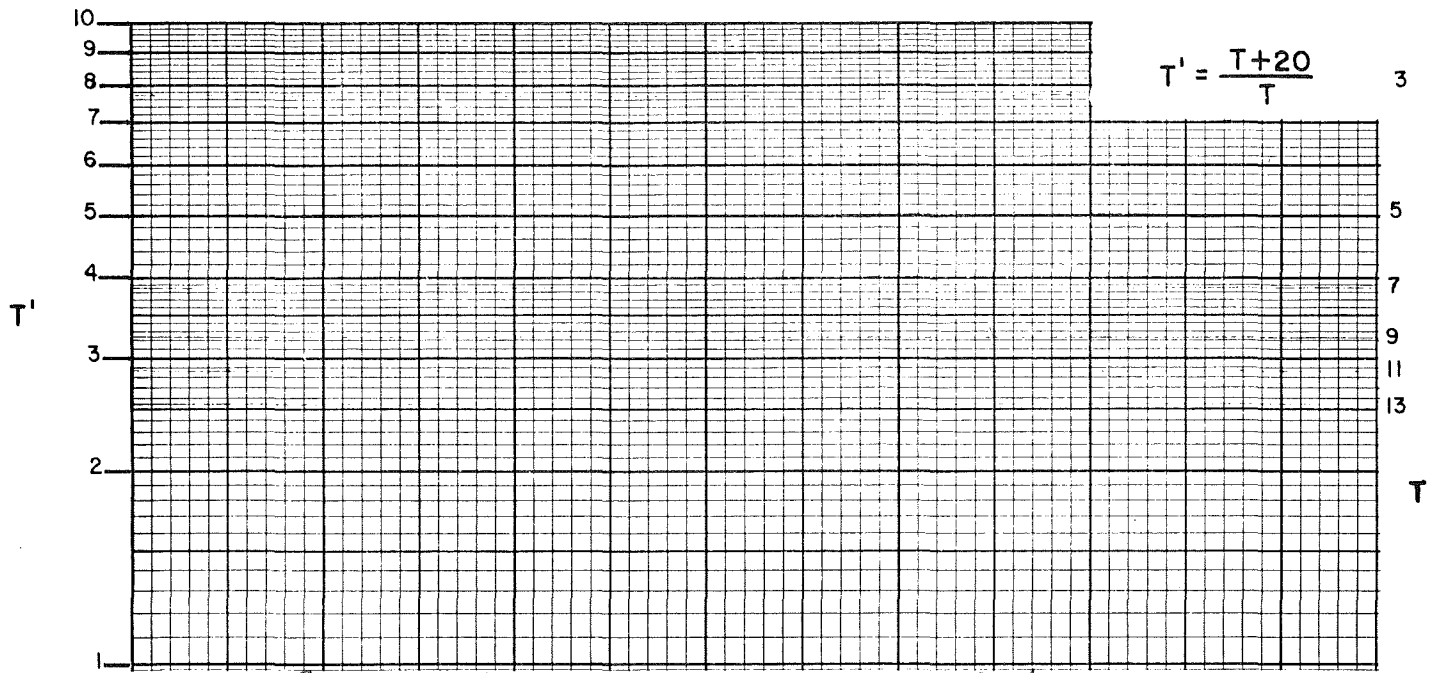
Property ? T 31N R 45E sec 24

Drill Hole ? Date Drilled ? Elevation 4560 ft.

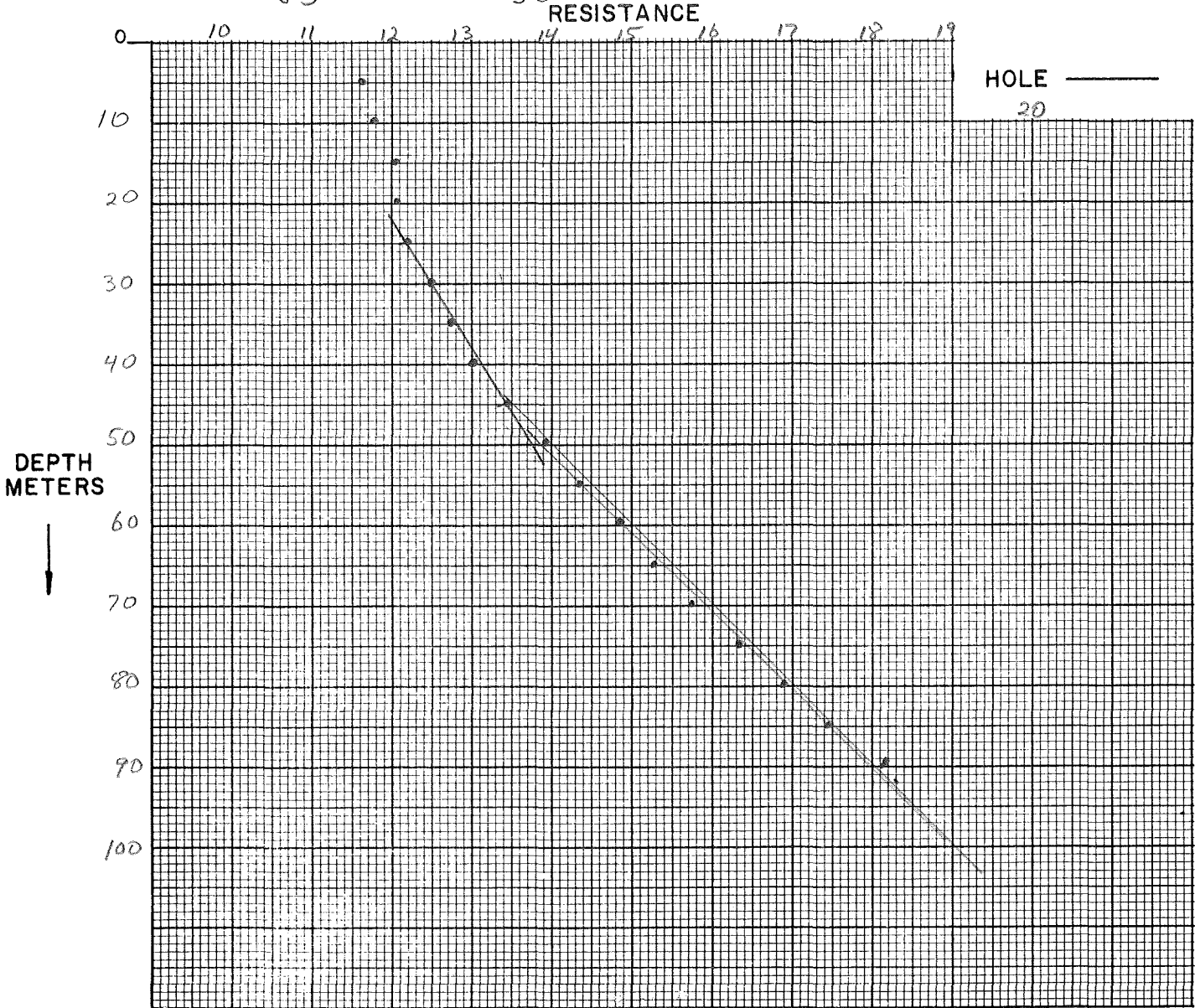
Instrument 101 Operator J.T. Saufala

Comments 3/4 PUC pipe near spring with sedge tail

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
5		11.65			K = 1.5 ± 0.5 Sandy alluvium Reese River Valley
10		11.75	.10		
15		12.03	.28		
20		12.04	.01		
25		12.20	.16		
30		12.50	.30		
35		12.75	.25		
40		13.00	.25		
45		13.45	.45		
50		13.93	.48		
55		14.35	.43		
60		14.85	.50		
65		15.25	.40		
70		15.75	.50		
75		16.35	.60		
80		16.90	.55		
85		17.45	.55		
90		18.15	.70		
92		18.30	.15		
99999.					
105					



$$\frac{17.45 - 14.35}{85 - 55} = \frac{3.1}{30} \times 1000 = 103.33 \text{ } ^\circ\text{C}/\text{km}$$



TEMPERATURE $^\circ\text{C}$ →

TEMPERATURE DEPTH LOG

△ 10 ✓

ΔT Well No. _____

Property-Project 566 Depth Logged 100 m

Map Mountain City Scale _____ Date: Drilled _____ Logged 6/15/77

State Nevada County Elko Section 11 T 45N R 53E

Instrument DT-101 Operator JTS Elevation 6100 ft.

Comments Casing all the way down hole

COMPUTER PROCESSING

RT JUSTIFY: Card A

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

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
RIO TINTO MINE SHAFT																																																											

Card B

Scale Unit		Map Size		Map Location Δ				W Long																															
in	cm	(7.5, 15, 60)		N Lat		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	15.0		41.45		116.00																																	

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
112.0										817										6100									

Write M if meters

Use decimals

SEGMENT DEPTH																																							
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										
C	60.0										100.0										-9.5					-0.5													
D																																							
E																																							
F																																							
G																																							

Continue each card below.

SEGMENT DEPTH																														
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	
C	.999																													
D																														
E																														
F																														
G																														

Final Segment: Start = .999

TEMPERATURE - DEPTH LOG

Location Main Shaft of Rio Tinto Mine Date 6/15

Map Mountain City, Nevada

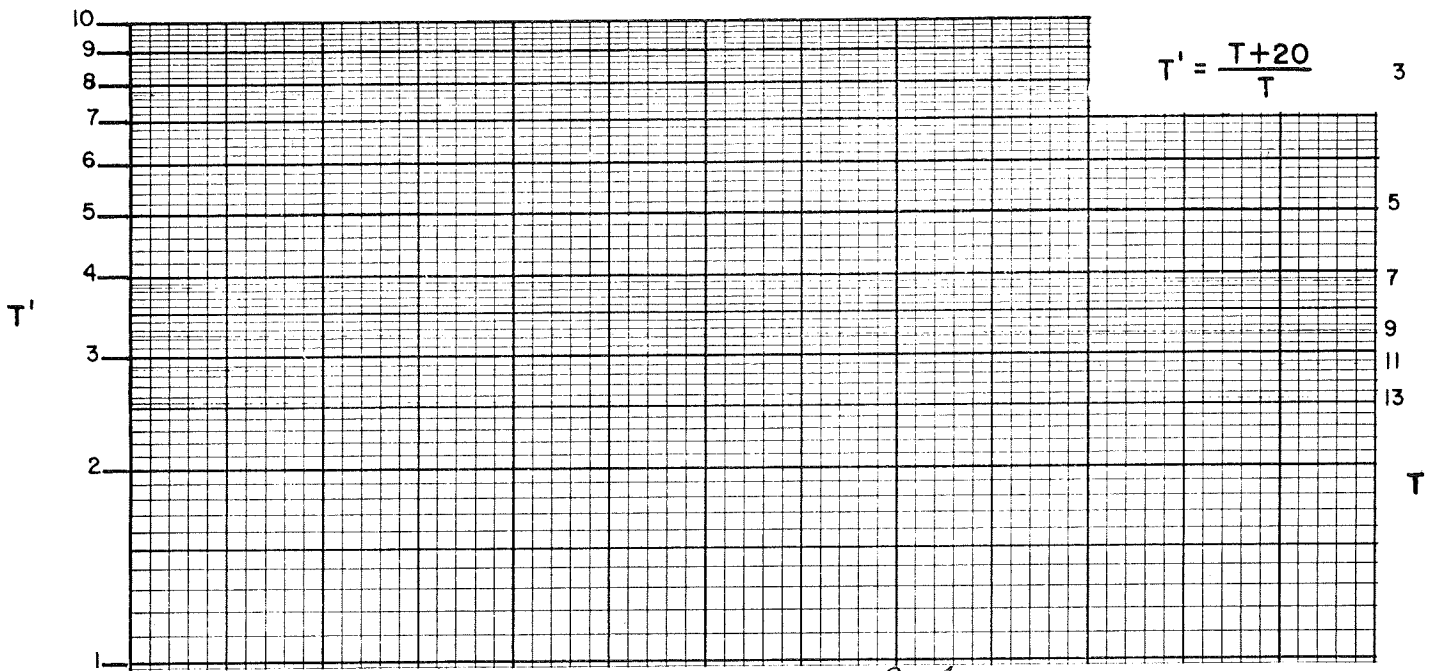
Property Rio Tinto T 45N R 53E sec

Drill Hole (main shaft) Date Drilled Elevation 6100 ft.

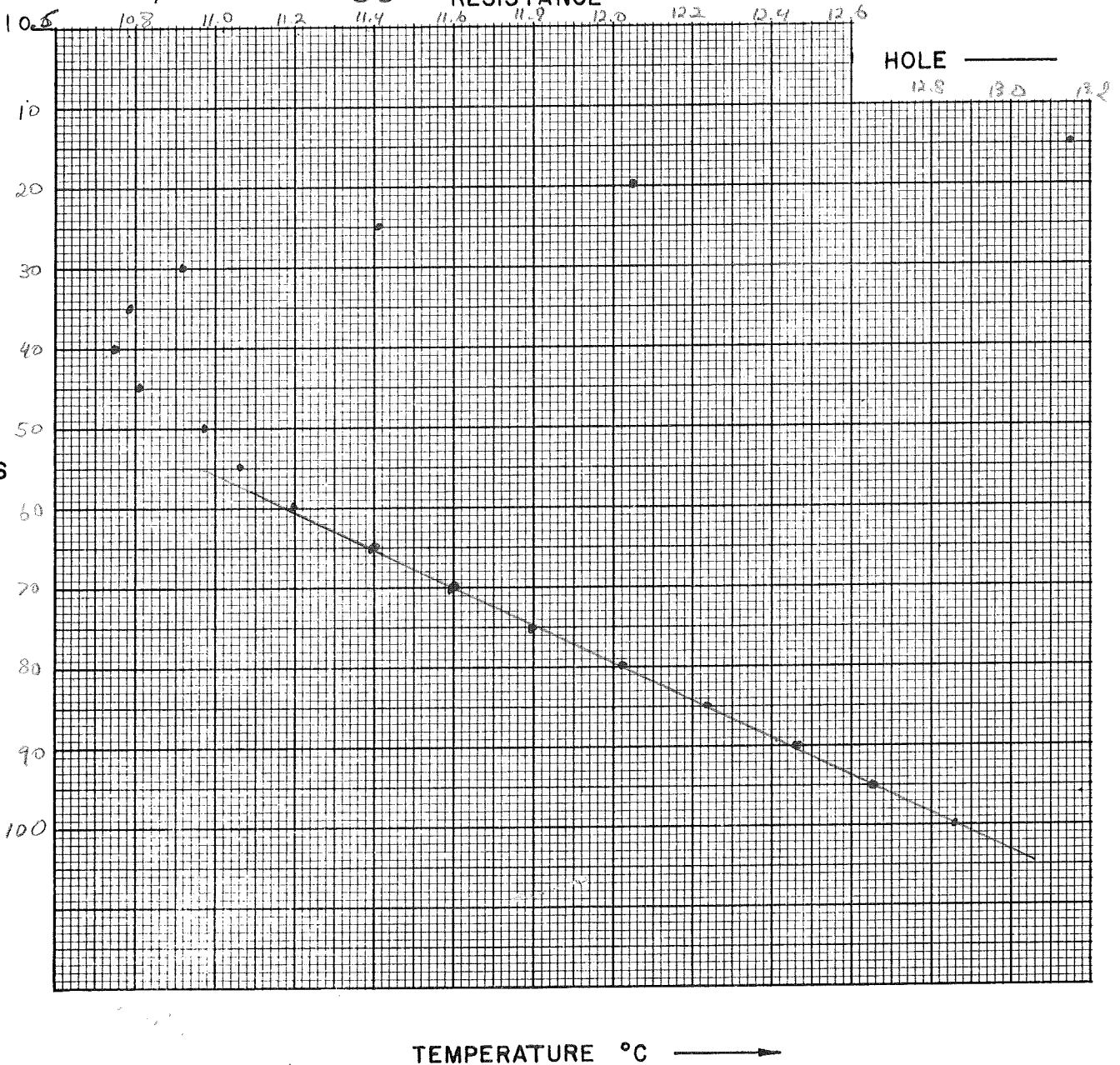
Instrument Operator Joseph T. Seifelt

Comments casing all the way down hole

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
0		18.79			
5		16.85	-1.94		DD K = 4.5 ± 0.5 (7)
10		14.60	-2.25		ALTERED CARBONATES
15		13.15	-1.55		
20		12.05	-1.10		
25		11.41	-.64		water?
30		10.92	-.49		
35		10.92	-.13		
40		10.79	-.04		
45		10.75	.06		
50		10.81	.17		
55		10.98	.17		
60		11.06	.08		
65		11.20	.14		
70		11.40	.20		
75		11.60	.20		
80		11.80	.20		
85		12.03	.23		
90		12.24	.21		
95		12.46	.22		
100		12.65	.19		
		12.86	.21		
99999.					



$$\frac{12.86 - 11.4}{100 - 65} = \frac{1.46}{35} \times 1000 = 41.71 \text{ } ^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

△ 11 ✓

Property-Project 566 Depth Logged 68 m
 Map Mountain City Scale 15' Date: Drilled _____ Logged 4/2/77
 State Nevada County Folk Section 11 T 45N R 53E
 Instrument DT-101 Operator JTS Elevation 6100 ft.
 Comments _____

COMPUTER PROCESSING

RT JUSTIFY: {

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

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

Card A {

Site Description																																																							Operator					Editor				
21	22	23	24	25	26	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																									
R I O T I N T O																																																																

Card B {

Scale Unit					Map Size					Map Location [△]					W Long														
in cm					(7.5, 15., 60)					N Lat Degree Min					Degree Min														
→					→					→					→														
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
C M					15.0					1.25					116.														

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
										2.70										F				

Use decimals

Write M if meters

	SEGMENT DEPTH										K	ΔK																		
	Start						End																							
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
D	60.0										68.0										-4.5					-0.5				
E																														
F																														
G																														

Continue each card below.

	SEGMENT DEPTH										K	ΔK																		
	Start						End																							
C	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
D																														
E																														
F																														
G																														

Final Segment: Start = .999

TEMPERATURE - DEPTH LOG

Location Rio Tinto Mine -> Summit Hole Date 6/15/77

Map Mountain City, Nevada

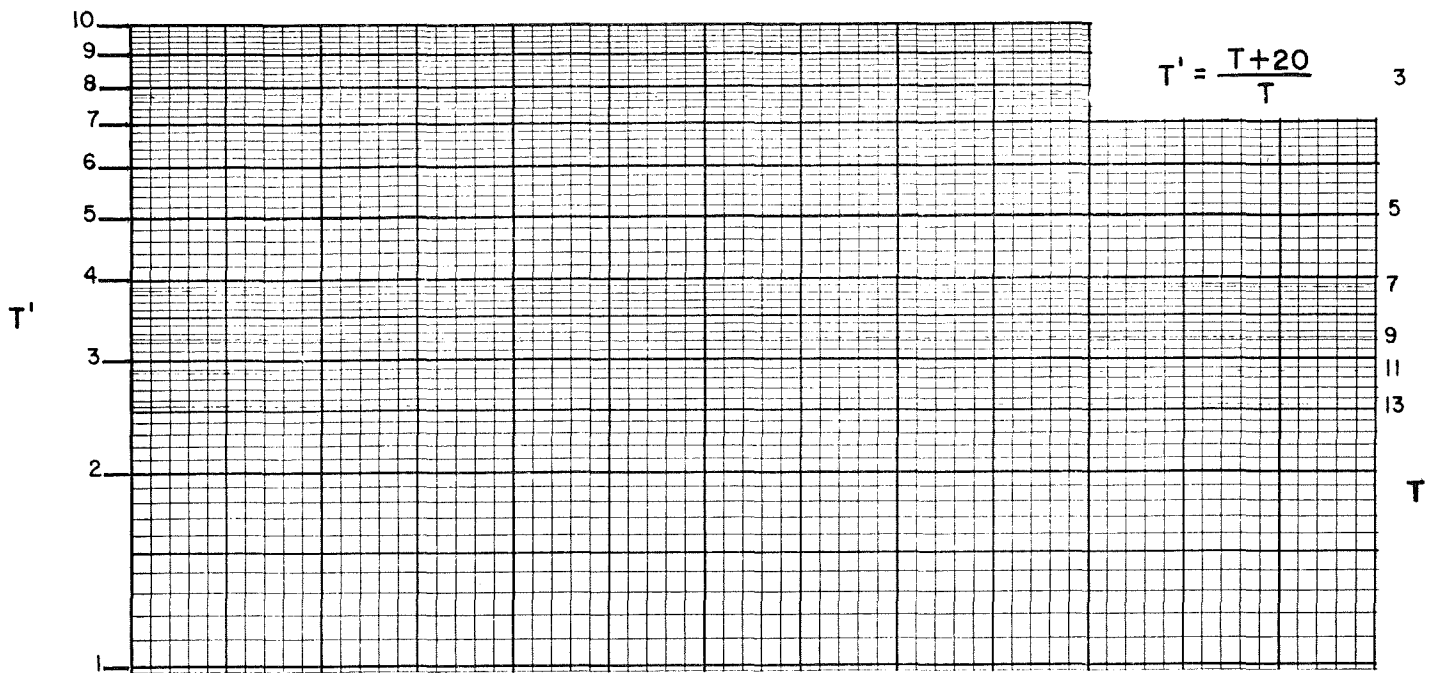
Property Rio Tinto Mine (Cominco) T 45N R 53E sec

Drill Hole 3 Date Drilled Elevation 6100 ft.

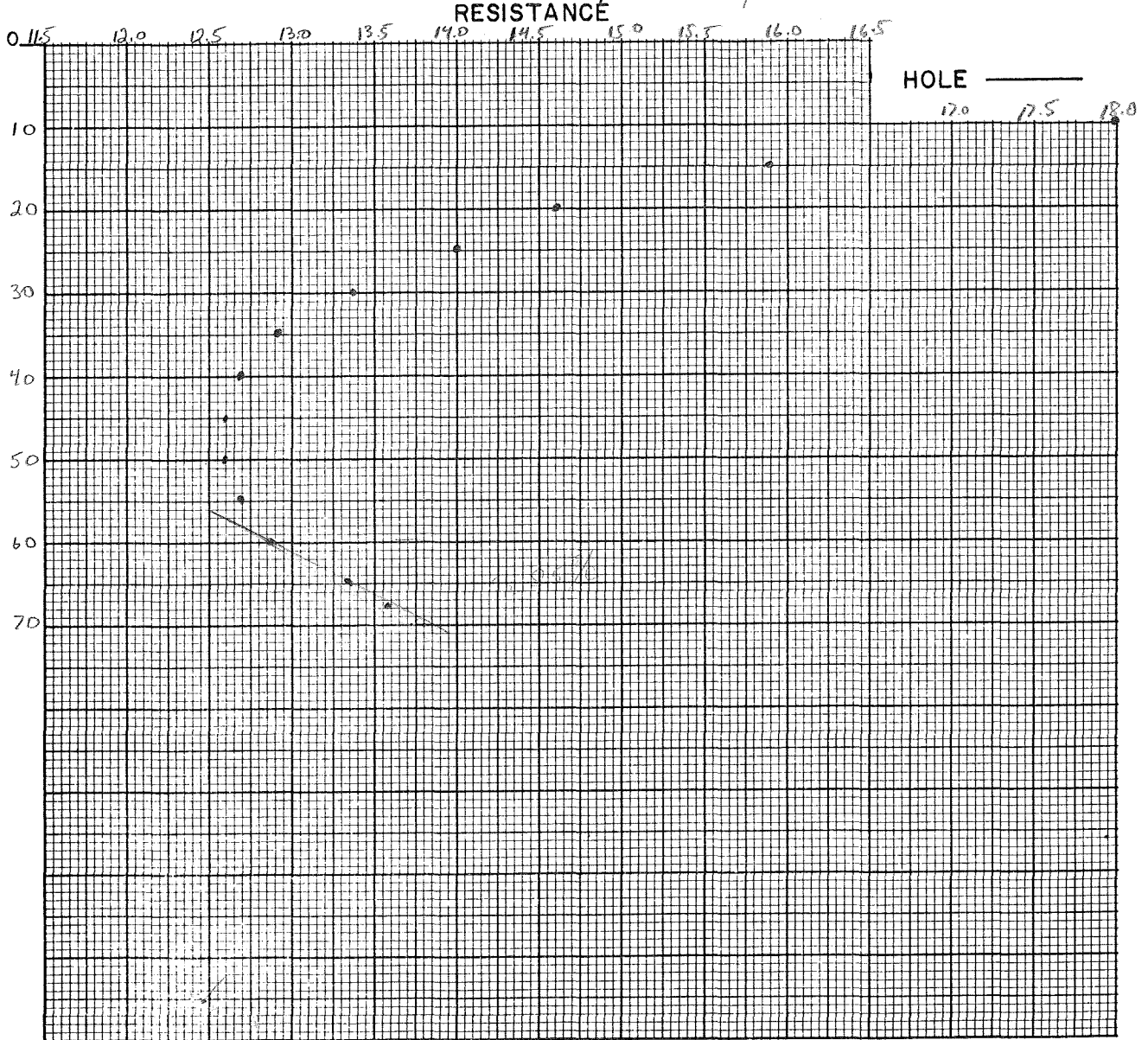
Instrument 101 Operator Joseph T. Serzale

Comments 6" PVC Pipe and casing

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
0	24.60	24.60			3.0
5	20.75	20.75	-3.05		K = 4.5 ± 0.5 ⌘
10		18.00	-2.75		ALTERED CARBONATE
15		15.98	-2.02		
20		14.60	-1.38		
25		14.00	-.60		- water?
30		13.38	-.62		
35		12.91	-.47		
40		12.69	-.22		
45		12.60	-.09		
50		12.60	-.00		
55		12.69	.09		
60		12.86	.17		
65		13.35	.49		
68		13.56	.21		
99999.					



Gradient \star $60^{\circ}\text{C}/\text{km}$



TEMPERATURE $^{\circ}\text{C}$ \longrightarrow

TEMPERATURE DEPTH LOG

012 ✓

Property-Project 566 ΔT Well No. _____
 Map Mountain City Depth Logged 44m
 State Nevada Scale 15' Date: Drilled _____ Logged 6/15/77
 County Elba Section 11 T 45N R 53E
 Instrument DT-101 Operator JFS Elevation 6100 ft.
 Comments PVC pipe & casing

COMPUTER PROCESSING

RT JUSTIFY: 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			
Proj No →										Well No →			DA			MO			YR			*
9002										12			02			77			C			

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

Site Description																																																							Operator					Editor				
21	22	23	24	25	26	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																									
RID TINTO DEL																																										2								JFS					ARB									

Card B

Scale Unit		Map Size		Map Location ^Δ				N Lat		W Long		Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+) Use decimals																					
in	cm	(7.5, 15., 60)	cm	21	22	23	24	25	26	27	28			29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
15		15.0		31.5				33		116.																							

Northing										Easting										Elev										Write M if meters
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	
17.0										2.70										6.1										

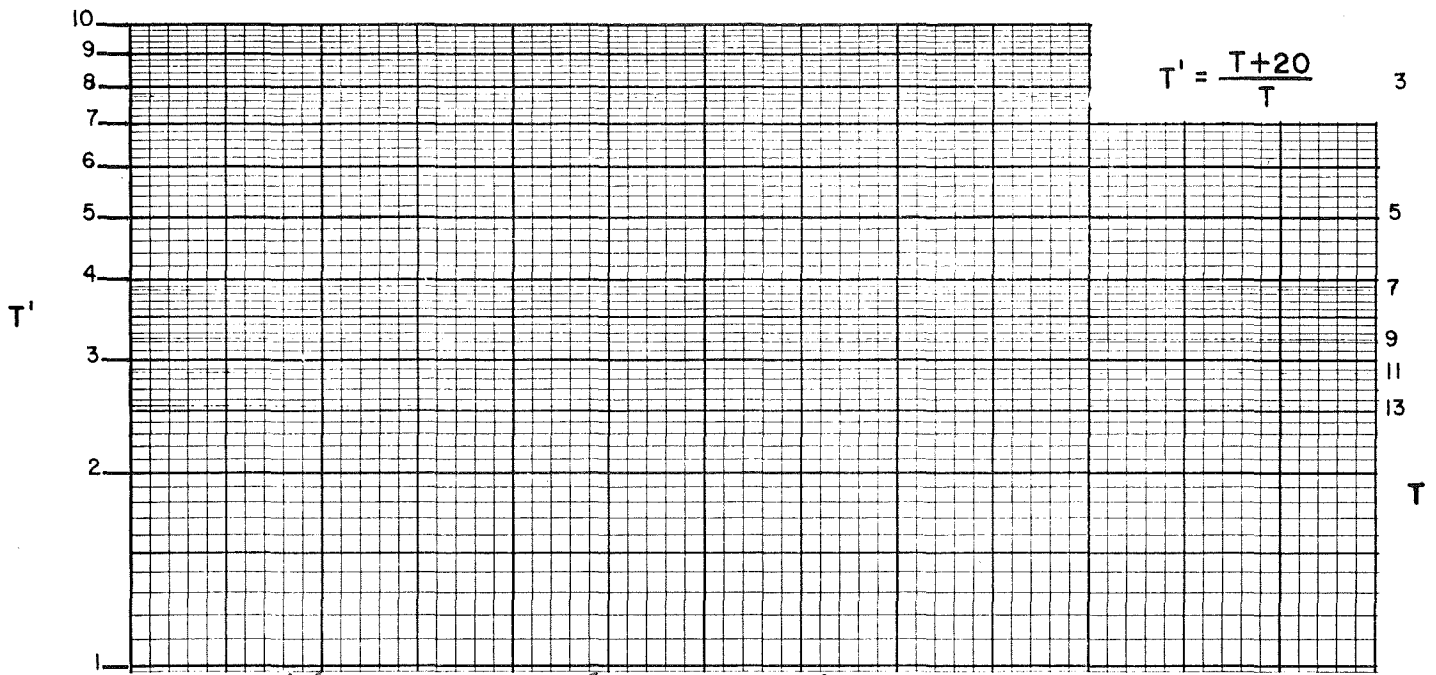
Use decimals

		SEGMENT DEPTH																												
		Start					End					K		ΔK																
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
D	35.0										44.0					-4.5		-0.5												
E																														
F																														
G																														

Continue each card below.

		SEGMENT DEPTH																												
		Start					End					K		ΔK																
C	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
D	.999																													
E																														
F																														
G																														

Final Segment: Start = .999



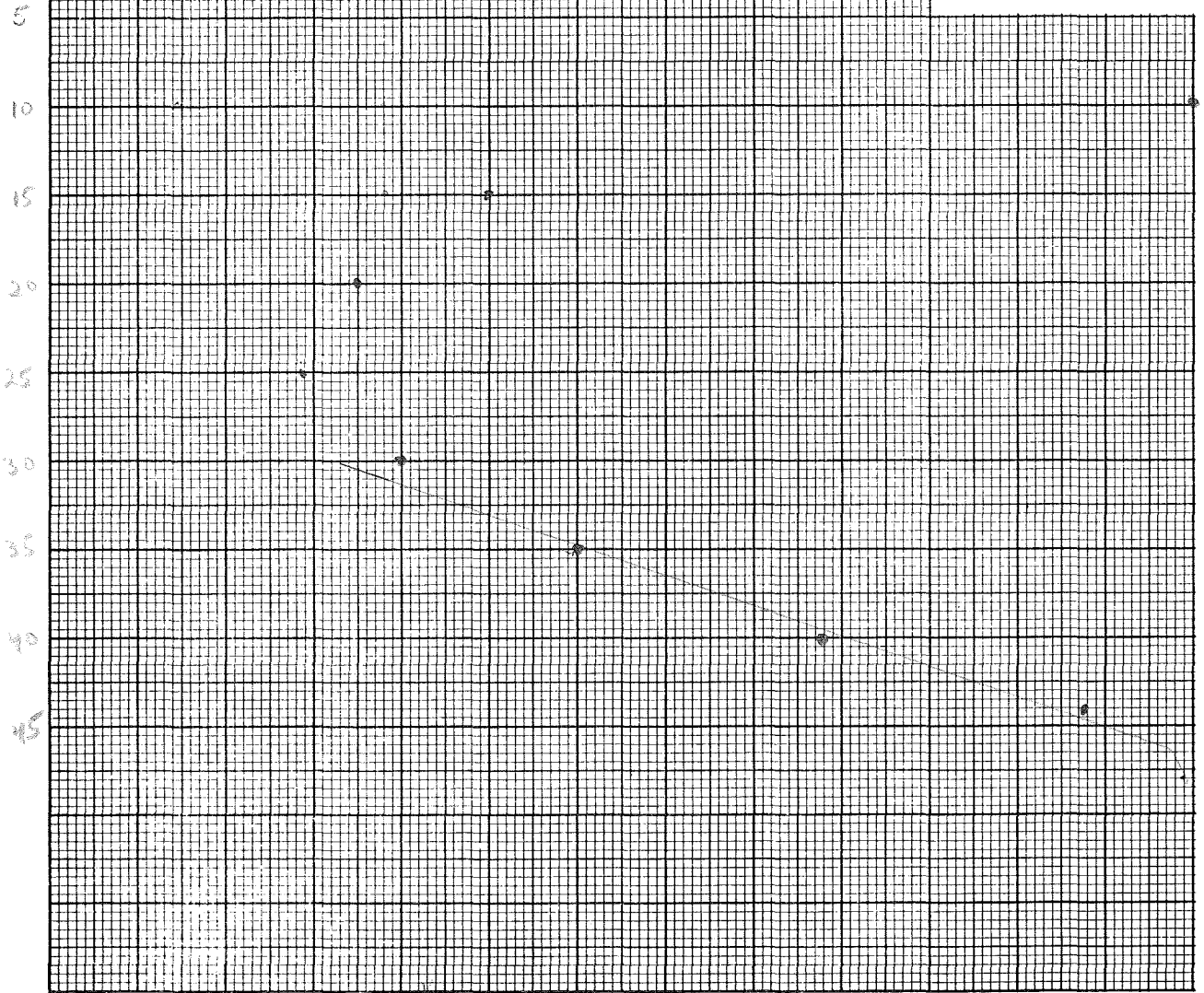
$$\frac{10.6 - 10}{45 - 35} = \frac{-6}{10} = 60^\circ\text{C/km}$$

RESISTANCE

10.0 9.5 9.6 9.7 9.8 9.9 10.0 10.1 10.2 10.3 10.4 10.5 10.6 10.7

HOLE _____

DEPTH METERS



TEMPERATURE °C →

ΔT Well No. Δ13

Property-Project 566 Depth Logged 50 m

Map Zezenhood Gap Scale 7.5 Date: Drilled _____ Logged 6/11/78 9:00

State Nevada County Lander of _____ of SW of SW of Sec 36 T36N R45E

Instrument DT 101 Operator D. L. Malco Elevation 4883 (ft/m)

Comments Zezenhood Gap Well

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1-20	1-10	11	6	78	C M

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

Card A

Site Description																																																		Operator					Editor					DA	MO	YR
																																																		DAM												

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

Map Location **

Scale Unit CM Map Size 7.5 N Lat 40.87.5 W Long 116.87.5

Use decimals

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

Northing																														Easting										Elev									
33.80																														8.20										4883									

Use decimals

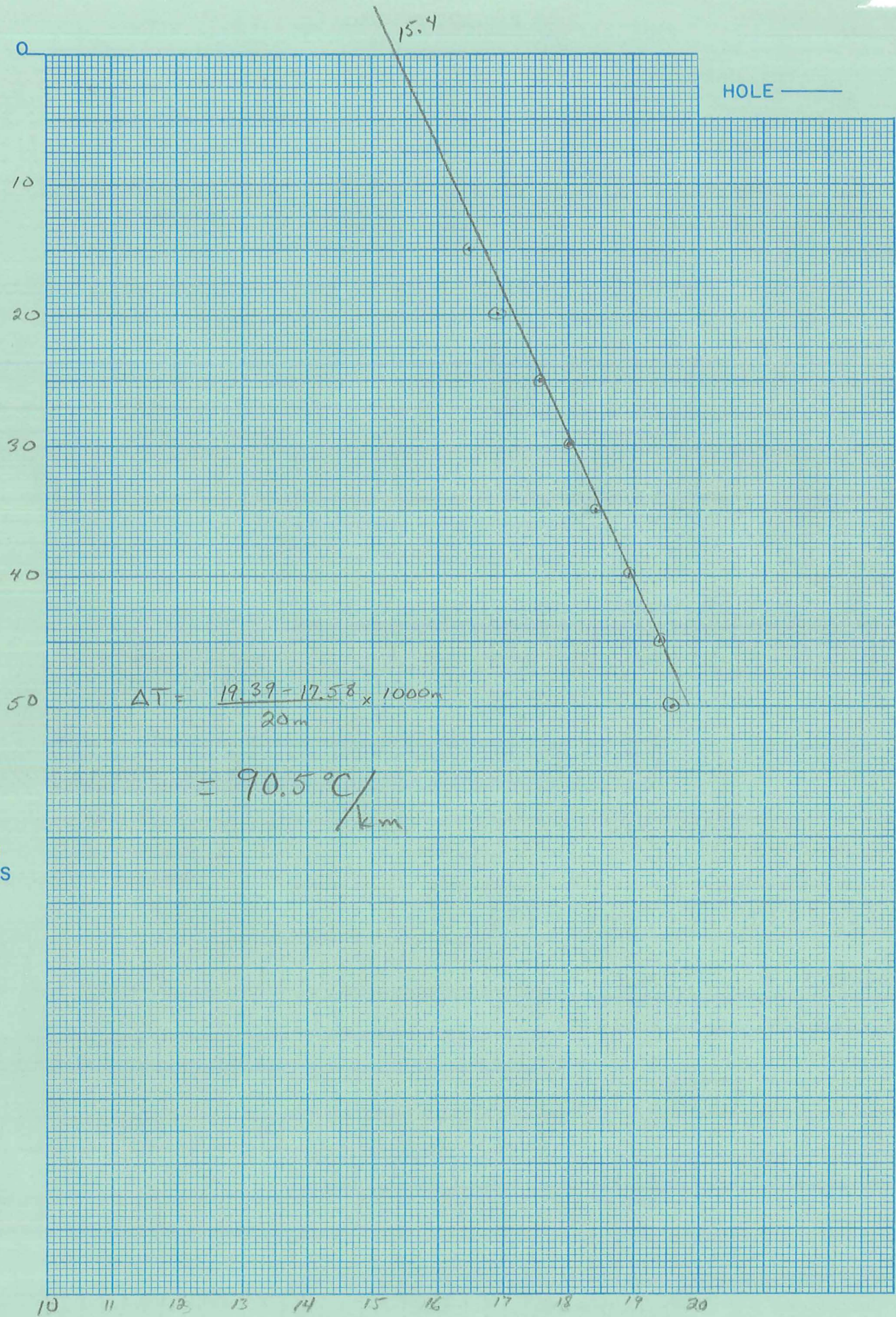
Write M if meters

Segment 1 = Depths	Start	End	Conductivity K	ΔK	Best cond. (-K)
	21-30	31-40			
Segment 2	Start →	End	K	ΔK	
Segment 3	Start →				
Segment 4	Start →				
Segment 5	Start →				
Segment 6	Start →				
Segment 7	Start →				
Segment 8	Start →				
Segment 9	Start →				

After final segment Start = .999

Segment 10 Start →

R1 F32 DAM



Date Logged: 6/11/78 9:00

ΔT Well No. A13

Greenhood Gap Well

R1 F32 DAM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
15		16.49	0.43	86		Air	Valley fill
20		16.92	0.66	132			
25		17.58	0.42	84			
30		18.00	0.40	80			
35		18.40	0.52	104			
40		18.92	0.47	94			
45		19.39	0.28	56			
50		19.58				Air	



Well is in Valley surrounded by rhyolite ranges

TEMPERATURE DEPTH LOG

Δ13 ✓

ΔT Well No. _____

Property-Project STL Depth Logged 45m

Map Izzenhood Gap Scale 7.5' Date: Drilled _____ Logged 6/22/77

State Nevada County _____ Section 36 T 36 N R 45E

Instrument DT-101 Operator JTS Elevation 4883 ft.

Comments Well located near abandoned windmill.

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

Proj No										Well No										Date Logged			*
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	DA	MO	YR	*
9002										NEV 13										11	12	77	C M

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

Site Description																																																							Operator					Editor														
21	22	23	24	25	26	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																																			
IZZENHOOD GAP																																			BANK																				MILL																			

Card B

Scale Unit					Map Location ^Δ										Map Size					N Lat					W Long				
in, cm					Degree										Min					Degree					Min				
CM					7.5										36					116.52.5									

Use decimals

Δ 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
30.0										2.2										F									

Use decimals

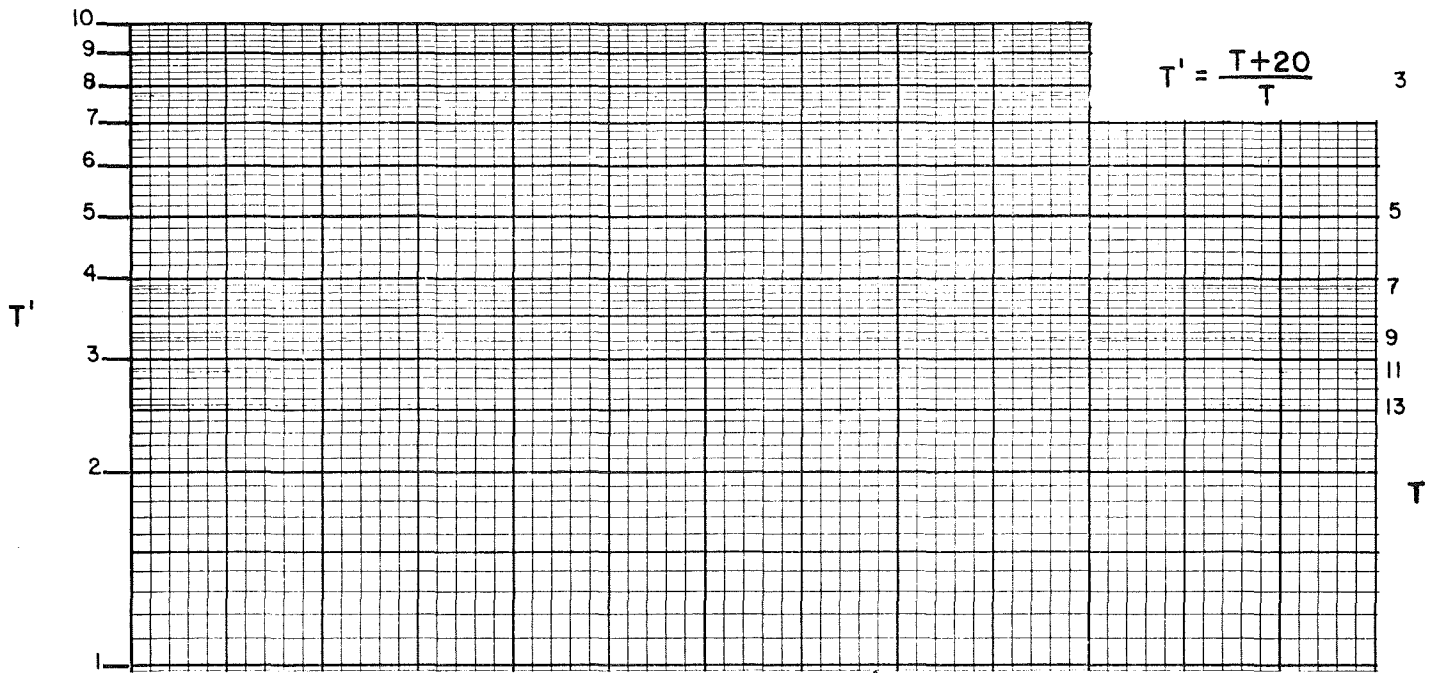
Write M if meters

	SEGMENT DEPTH										K	ΔK																				
	Start	End																														
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	-3.2	-0.5
D																																
E																																
F																																
G																																

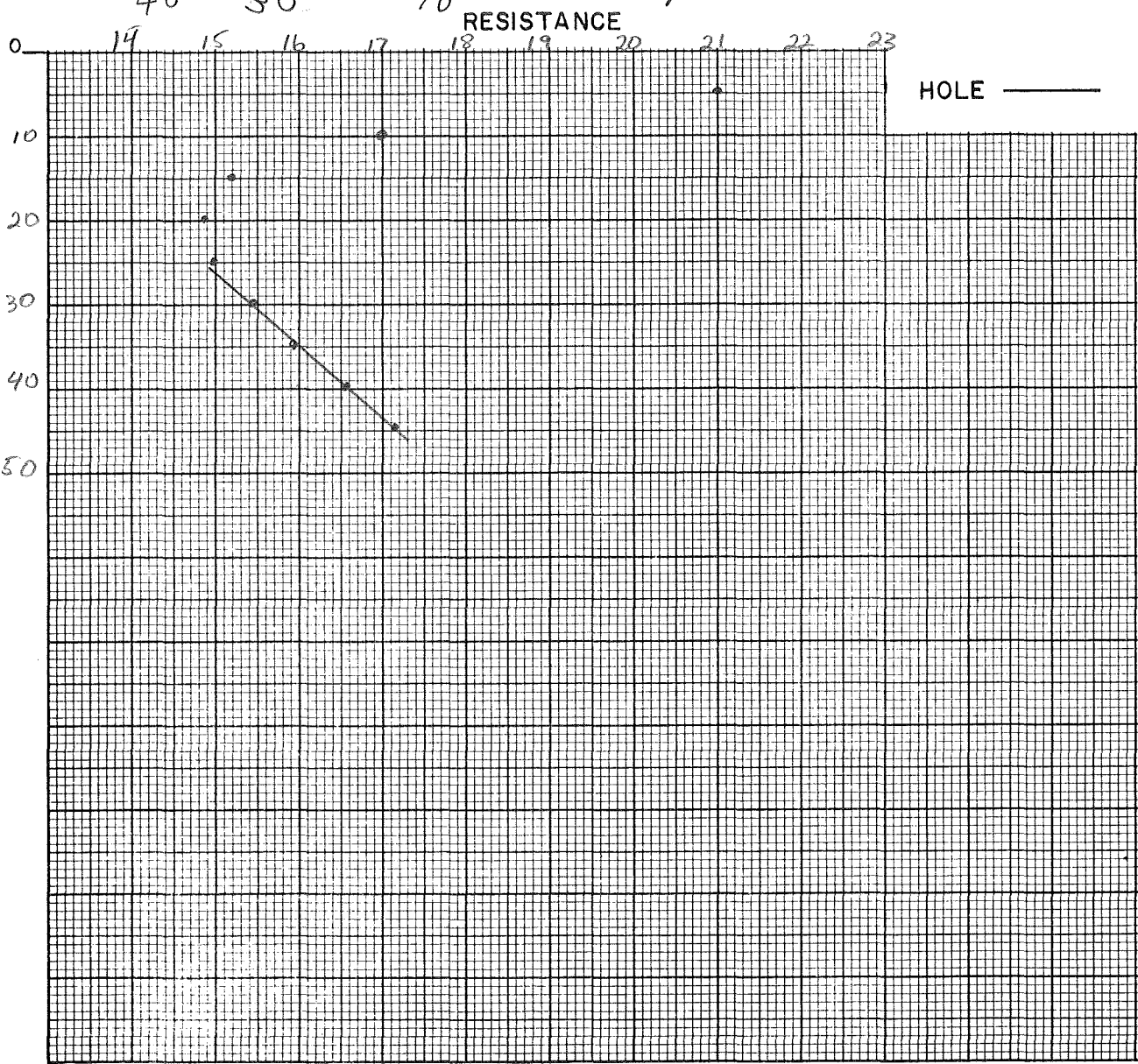
Continue each card below.

	SEGMENT DEPTH										K	ΔK																				
	Start	End																														
C	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		
D	.999																															
E																																
F																																
G																																

Final Segment: Start = .999



$$\frac{16.55 - 15.45}{40 - 30} = \frac{1.1}{10} = 110 \text{ } ^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

016



ΔT Well No. _____

Property-Project 566 Depth Logged 20 m
 Map Frenchie Creek Scale 15' Date: Drilled - Logged 6/27
 State Nevada County Curepa Section SESE 9 T 28N R 49E
 Instrument DT-101 Operator Pick Hager Elevation 5360 ft.
 Comments PVC

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

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

Site Description Operator Editor

21	22	23	24	25	26	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		

Card B

Scale Unit		Map Size		Map Location Δ		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											

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											

Write M if meters

SEGMENT DEPTH

	Start	End	K	ΔK
C	6.0	20.0	-3.25	-0.5
D				
E				
F				
G				

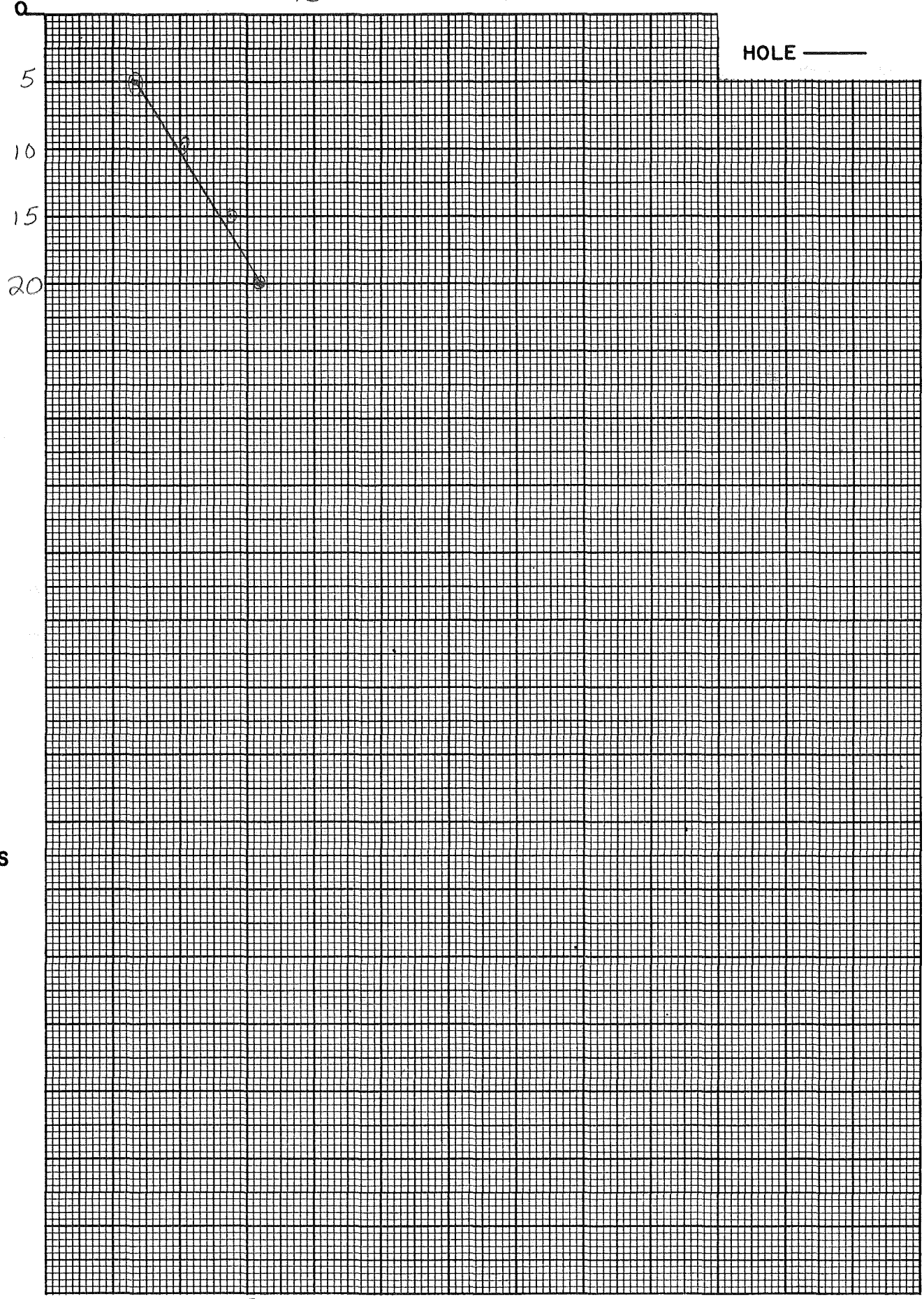
Continue each card below.

SEGMENT DEPTH

	Start	End	K	ΔK
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999

$$\frac{13.15 - 11.3}{20 - 5} = \frac{1.85}{15} \times 1000 = 123.33 \text{ } ^\circ\text{C}/\text{Km}$$



DEPTH METERS
↓

TEMPERATURE °C →

Date Logged: 6/27

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
5		11.3				H ₂ O	K = 3.25 ± 0.5 ?
10		12.05	.75	150			granitic pediment
15		12.75	.7	140			
20		13.15	.4	80			bottom
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

017



Property-Project 566 ΔT Well No. _____
 Map Franchie Creek Scale 15' Date: Drilled — Logged 6/27
 State Nevada County Cureka Section NE SE 9 T 28N R 49E
 Instrument OT-101 Operator Rick Hager Elevation 5200 ft.
 Comments steel cased pipe

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No		Well No		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	—	N	E	V	—	7	7	6	6	6	6	6	6	6	6	6	6
9002																			

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

Site Description																	Operator		Editor																				
21	22	23	24	25	26	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
I	K	M	S	W	O	F				H	S	N	E	A	R			D	E	W	E	Y	D	A	N	R	C	H											

Card B

Scale Unit		Map Size		Map Location Δ																															
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						
C	M				1	5	.	0			4	0	.	5	.	0		1	1	6	.	3	0	.	0										
Use decimals																																			

Δ 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	.	3							7	.	2	5							5	2	.	0	.	0					F	
Write M if meters																															

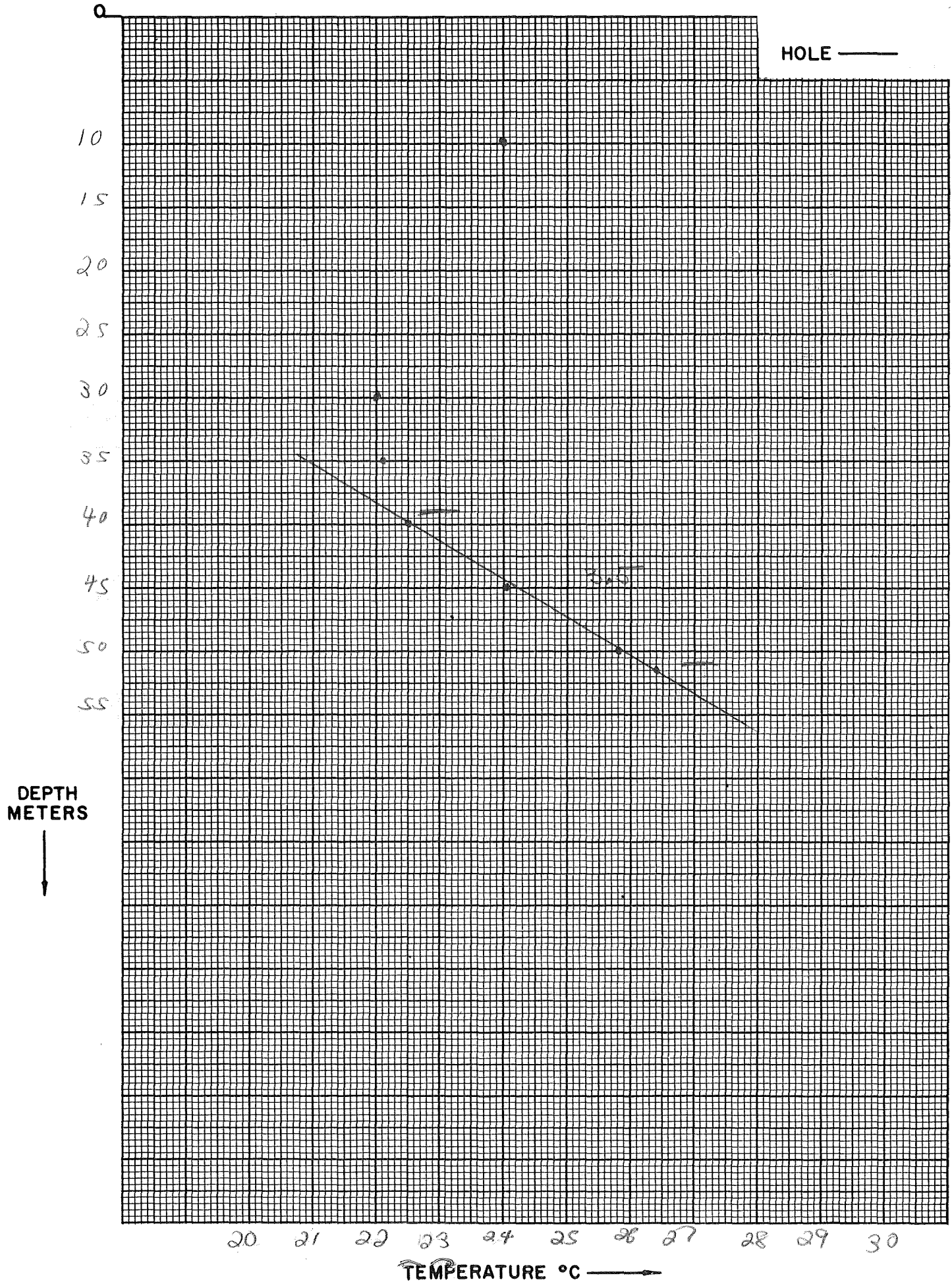
	SEGMENT DEPTH		K	ΔK
	Start	End		
C	40.0	53.0	-3.5	-0.5
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999

$$\frac{25.8 - 22.5}{50 - 40} = \frac{3.3}{10} \times 1000 = 330^\circ\text{C}/\text{km}$$



17

Date Logged: 6/27

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		~24.00					drifting
20							"
30		~22.00					"
35		22.05	.45	90		H ₂ O	
40		22.5	1.55	310			
45		24.05	1.75	350			
50		25.8	.6	200			
53		26.4					bottom
99999.							
							K=3.5 ± 0.5
							granitic pediment

K=Conductivity

TEMPERATURE DEPTH LOG

18

Property-Project 566 ΔT Well No. _____
 Map Frenchie Cr. Scale 1:62500 Date: Drilled — Logged 6/27
 State Nev County Eureka Section Nw 1/4, Nw 1/4 10T 28N R 49E
 Instrument DT101 Operator R.H - D.M. Elevation 5080 ft.
 Comments _____

COMPUTER PROCESSING

RT JUSTIFY: Proj No Well No Date Logged
 (1 2 3 4 5 6 7 8 9 10) (11 12 13 14 15 16 17 18 19 20) *
 Card A 9002 Site Description Operator Editor
 * 19 - Write F if Fahrenheit, 20 - Write F if Feet

Site Description										Operator										Editor																			
21	22	23	24	25	26	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
1.5KM SW OF US HWY DEWEY D RCH										DM/RB																													

Card B Scale Unit Map Size Map Location Δ
 (21 22 23 24 25) (26 27 28 29 30) (31 32 33 34 35) (36 37 38 39 40) (41 42 43 44 45) (46 47 48 49 50)
 in (7.5, 15, 60) Degree Min Degree Min
 cm 15.0 40.30 116.30.0
 Use decimals Δ 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
11.95										7.95										5080.0									

Write M if meters

SEGMENT DEPTH

	Start										End										K					ΔK				
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
D	15.0										53.0										-3.5					-0.3				
E																														
F																														
G																														

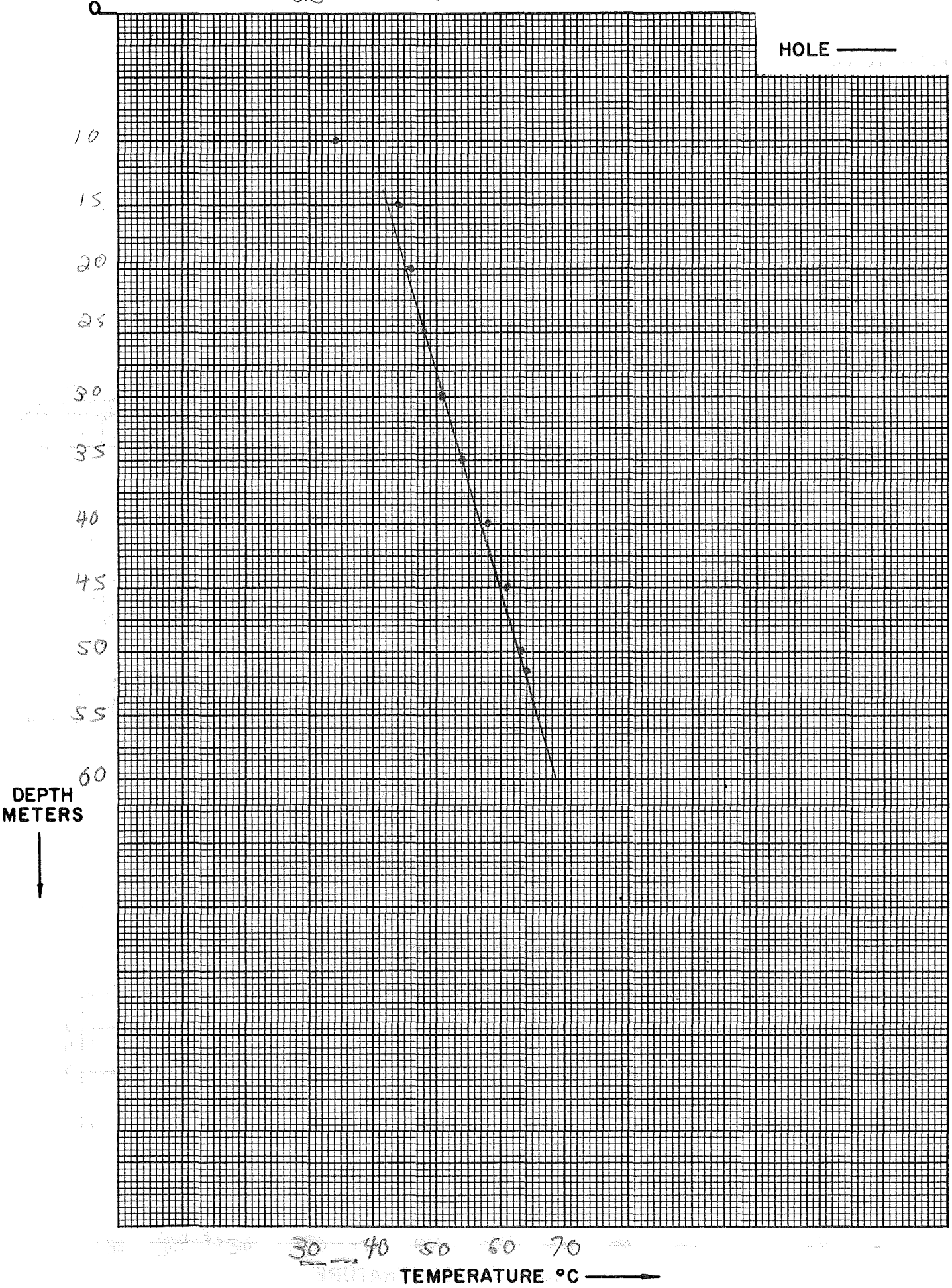
Continue each card below.

SEGMENT DEPTH

	Start										End										K					ΔK														
C	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										
D	.999																																							
E																																								
F																																								
G																																								

Final Segment: Start = .999

$$\frac{62.65 - 47.6}{50 - 25} = \frac{15.05}{25} \times 1000 = 602 \text{ } ^\circ\text{C}/\text{km}$$



018

Date Logged: 6/27

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		34.1	9.65	1930		H ₂ O	K = 3.5 ± 0.5 granitic pediment
15		43.75					
20		45.45	1.7	340			
25		47.6	2.15	430			
30		50.55	2.95	590			
35		53.95	3.4	680			
40		57.45	3.5	700			
45		60.75	3.3	660			
50		62.65	1.9	380			
53		63.25	.6				
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

Δ 19 ✓

Property-Project 566 ΔT Well No. _____
 Map Schroeder Mtn Scale 7.5' Date: Drilled _____ Depth Logged 19.8 m
 State Nevada County Eureka Section 3 T 34 N R S1 E
 Instrument DT-101 Operator D.W. Elevation 5230 ft.
 Comments Windmill - 4" steel casing

COMPUTER PROCESSING

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
/					N					19		02		77		C	M		

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

Card A }
9002

Site Description																																																							Operator					Editor				
21	22	23	24	25	26	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																									
10KM										SE OF										CAMP										MINE										NE																								

Card B }

Scale Unit		Map Size		Map Location ^Δ				W Long				N Lat		Min		Degree		Min	
in	cm	(7.5, 15., 60)	Degree	Min	Degree	Min	Degree	Min	Degree	Min	Degree	Min	Degree	Min	Degree	Min	Degree	Min	
C	M	7.5							116.	15.0									

Use decimals

Δ 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
51.7										8.0										F									

Use decimals

Write M if meters

	SEGMENT DEPTH										K	ΔK																									
	Start						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							
C	5.0										19.8											-3.0															
D	.999																																				
E																																					
F																																					
G																																					

Continue each card below.

	SEGMENT DEPTH										K	ΔK																									
	Start						End																														
	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							
C	.999																																				
D																																					
E																																					
F																																					
G																																					

Final Segment: Start = .999

TEMPERATURE - DEPTH LOG

Location NE, NE, NW, Sec 3, T34N, R51E Date 6/22

Map Schroeder Mtn Road

Property TLS Ranch T 34N R 51E sec 3

Drill Hole 4" Date Drilled - Elevation 5230 ft.

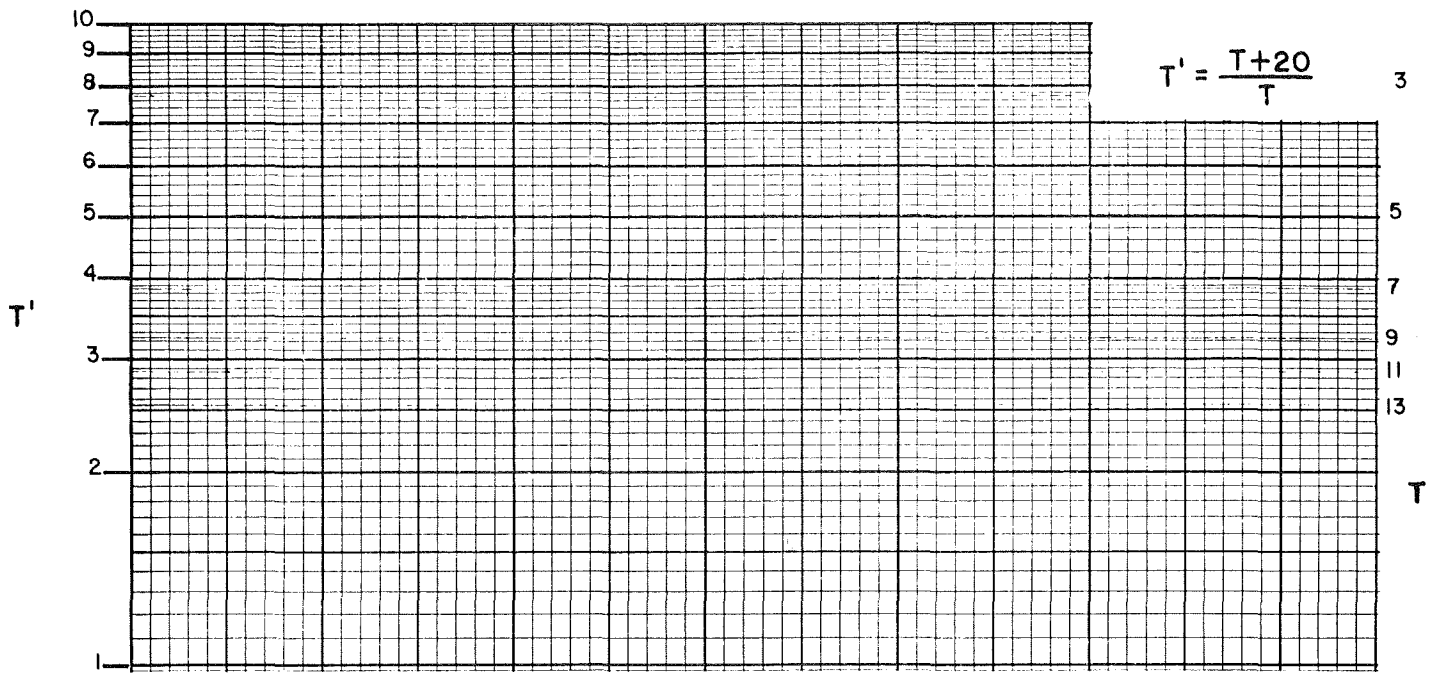
Instrument DT 101 Operator Burke Williams

Comments windmill - 4" steel casing

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
0		23			K = 3.0 ± 0.25
5		9.0	-14		TUFFACEOUS ALLUVIUM
10		9.35	+ .35	70	
15		9.59	+ .24	48	
19.8		10.41	+ .82	174	bottom
99999.					

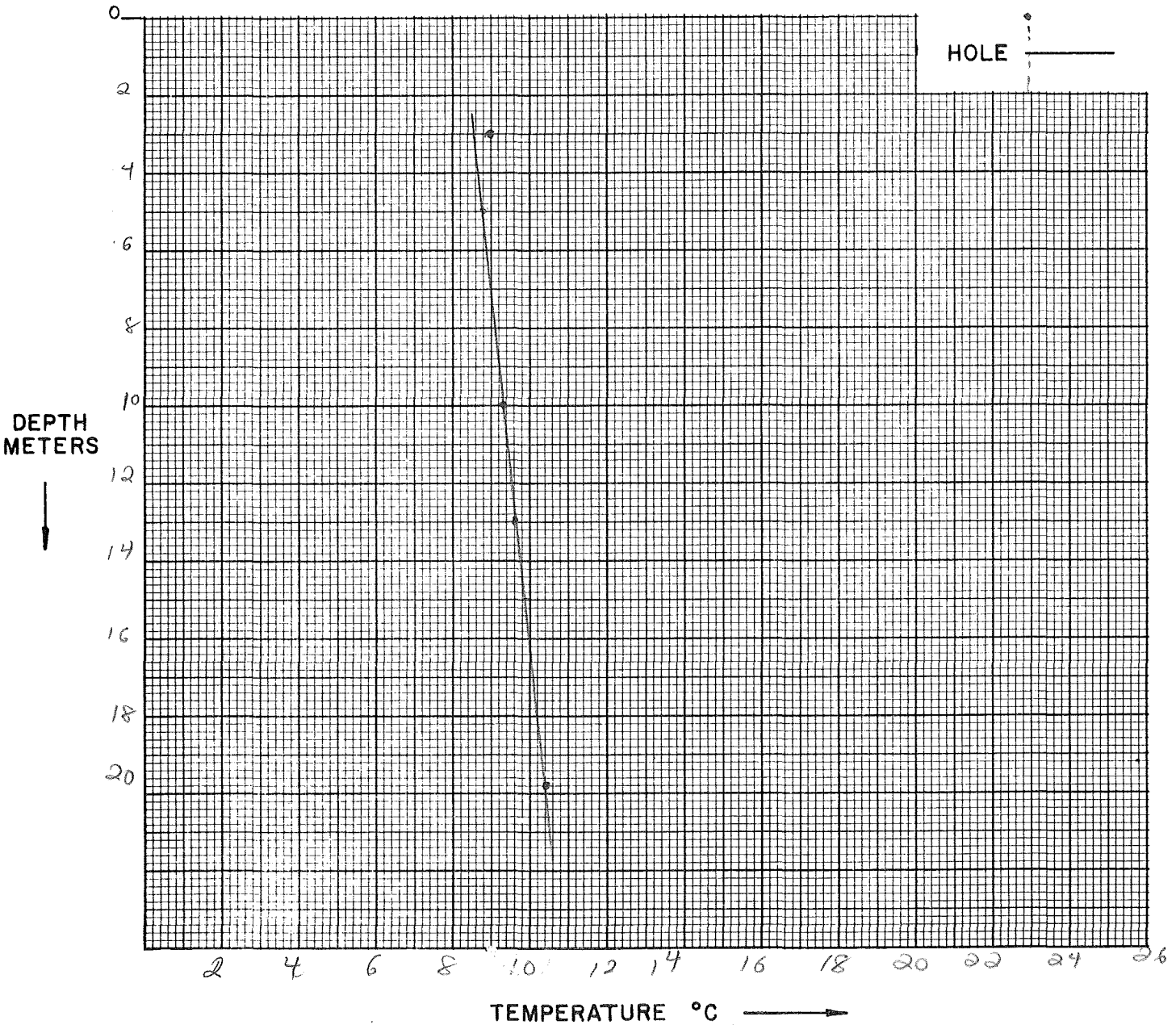
10

(0.1)



$$\frac{10.41 - 9.35}{19.8 - 10} = \frac{1.06}{9.8} = 108.16 \text{ } ^\circ\text{C}/\mu\text{m}$$

RESISTANCE



TEMPERATURE DEPTH LOG

Δ 20 ✓

Property-Project 566 ΔT Well No. Δ20
 Map Roder Creek NE Scale 7 1/2' Date: Drilled ? Depth Logged 220m
 State Nev. County Cureka Section SWNE4 T 35N R 50E
 Instrument DT 101 Operator DM-BW Elevation 6090 ft.
 Comments 6" steel cased drill hole in mining district

COMPUTER PROCESSING

RT JUSTIFY:
 Card A

Proj No				Well No						Date Logged			*
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	*
9	0	0	2	N	W	2	0	2	2	2	2	7	C

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

Site Description																																																Operator				Editor			
21	22	23	24	25	26	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	DM	BW														

Card B

Scale Unit		Map Size		Map Location Δ				N Lat				W Long			
in	cm	(7.5, 15., 60)	Degree	Min	Degree	Min	Degree	Min	Degree	Min	Degree	Min	Degree	Min	
cm		7.5	40	52	5	116	22	5							

Use decimals

Δ 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

Use decimals

Write M if meters

	SEGMENT DEPTH										K	ΔK
	Start						End					
C	1	5	0	.	0	2	2	0	.	0	-5.5	-0.5
D												
E												
F												
G												

Continue each card below.

	SEGMENT DEPTH										K	ΔK
	Start						End					
C	.	9	9	9								
D												
E												
F												
G												

Final Segment: Start = .999

TEMPERATURE - DEPTH LOG

Location SW 1/4, NE 1/4, Sec 4, T35N, R50E Date 6/22

Map Roder Creek NE Quad

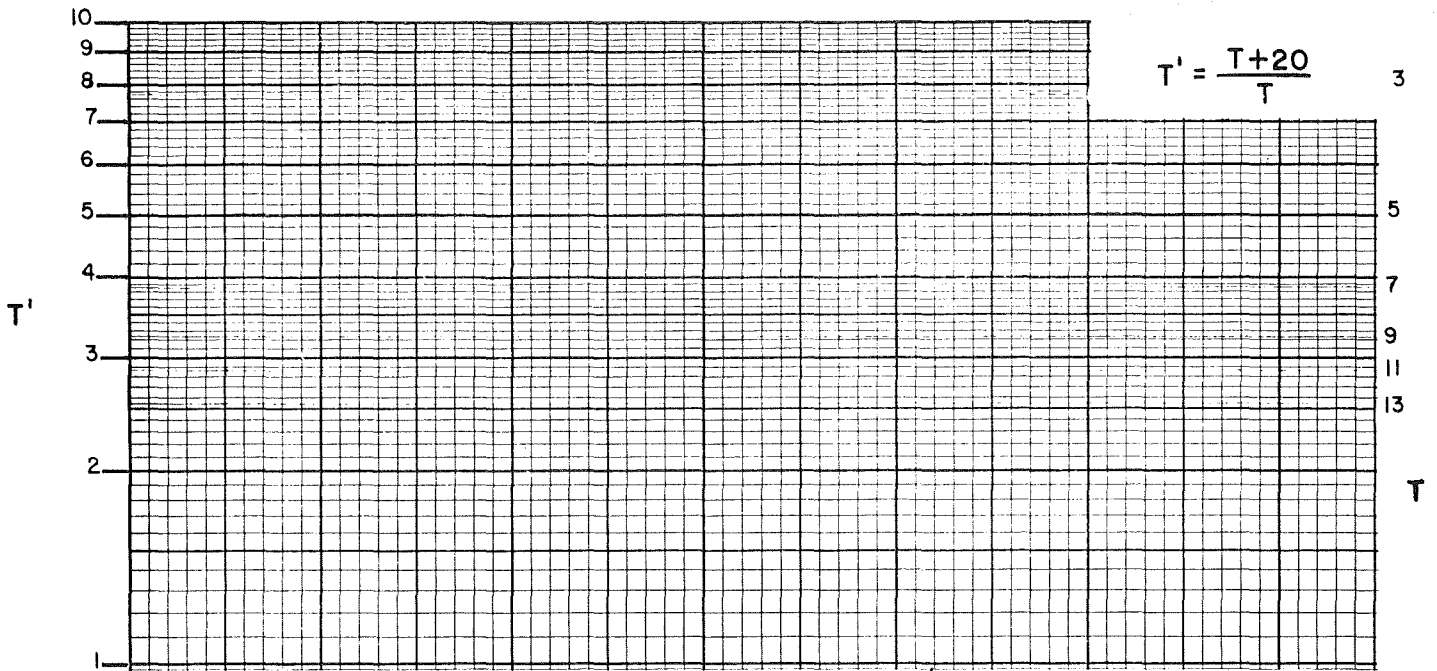
Property ? T 35N R 50E sec SWNE 4

Drill Hole RC AT #1 Date Drilled ? Elevation 6090 ft.

Instrument DT 101 Operator Burke Williams

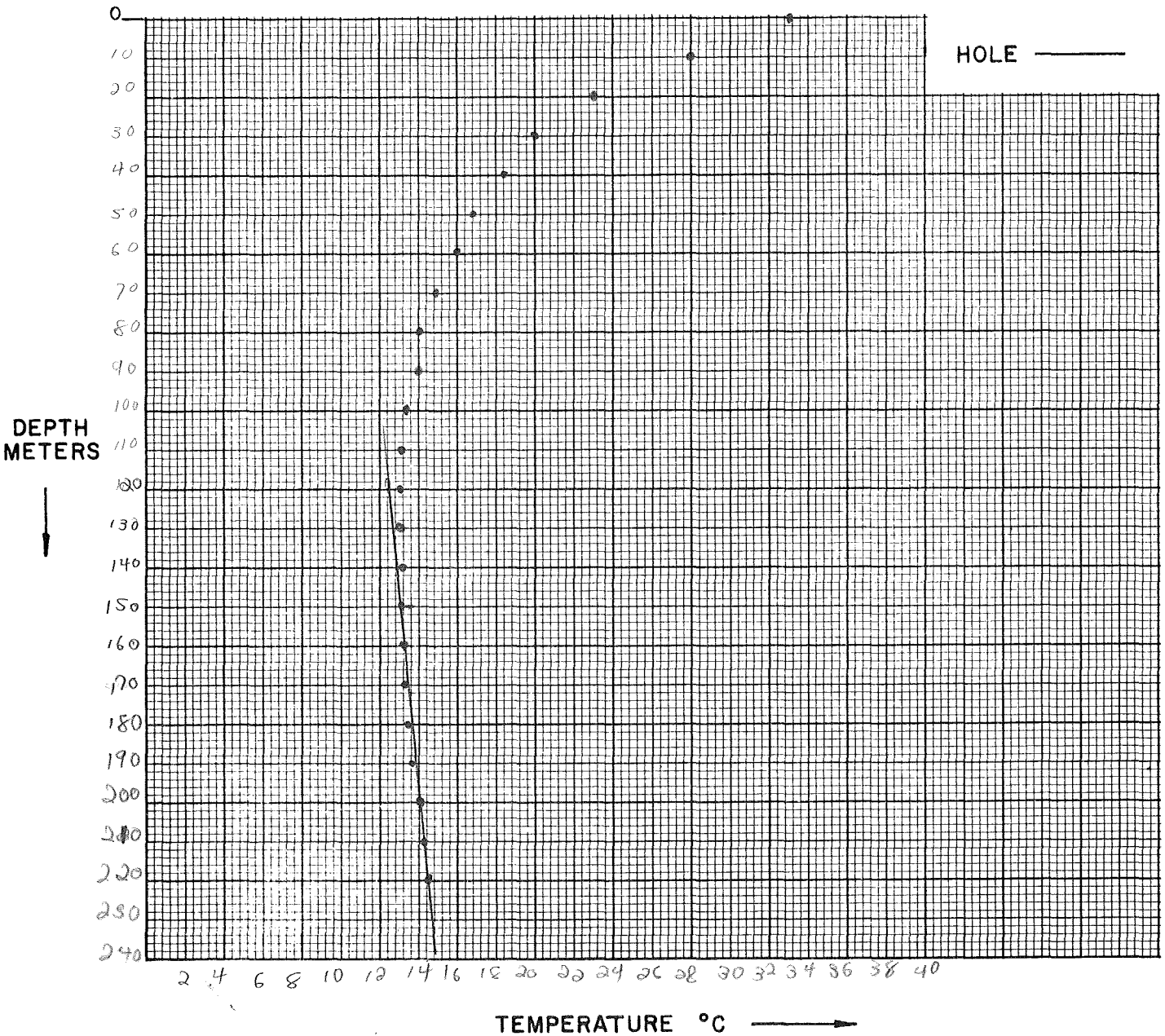
Comments 6" steel cased drill hole in mining district

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
0		33.5				
10		28.1	-5.4			K = 5.5 ± 0.5
20		23.0	-5.1			
30		20.5	-2.5			Lms - SILTSTONE
40		18.5	-2.0			
50		16.69	-1.81			
60		15.85	-.84			
70		15.03	-.82			
80		14.30	-.73			
90		13.98	-.32			
100		13.60	-.38			
110		13.25	-.22			
120		13.38	-.13			
130		13.25	-.17			
140		13.08	.07	7		
150		13.15	.05	5		
160		13.20	.11	11		
170		13.31	.11	11		
180		13.42	.22	22		
190		13.64	.18	18		
200		13.82	.37	37		
		14.19				



$$\frac{14.4 - 13.2}{220 - 150} = \frac{1.2}{70} \times 1000 = 17.14 \text{ } ^\circ\text{C}/\text{km}$$

RESISTANCE



ΔT Well No. _____

Property-Project _____ Depth Logged 79m.

Map Sheep Creek Range NE Scale 7 1/2 Date: Drilled _____ Logged Jan 31, 1980

State Nevada County Eureka, _____ of _____ of _____ of NE 1/4 of Sec 27 T 36 R 48

Instrument enviro-labs Operator Sarber Elevation _____ (ft/m)

Comments water well 600' deep, cased, plugged at 263', water at 400' private property - Willis Packer (?)

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

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

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

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 →

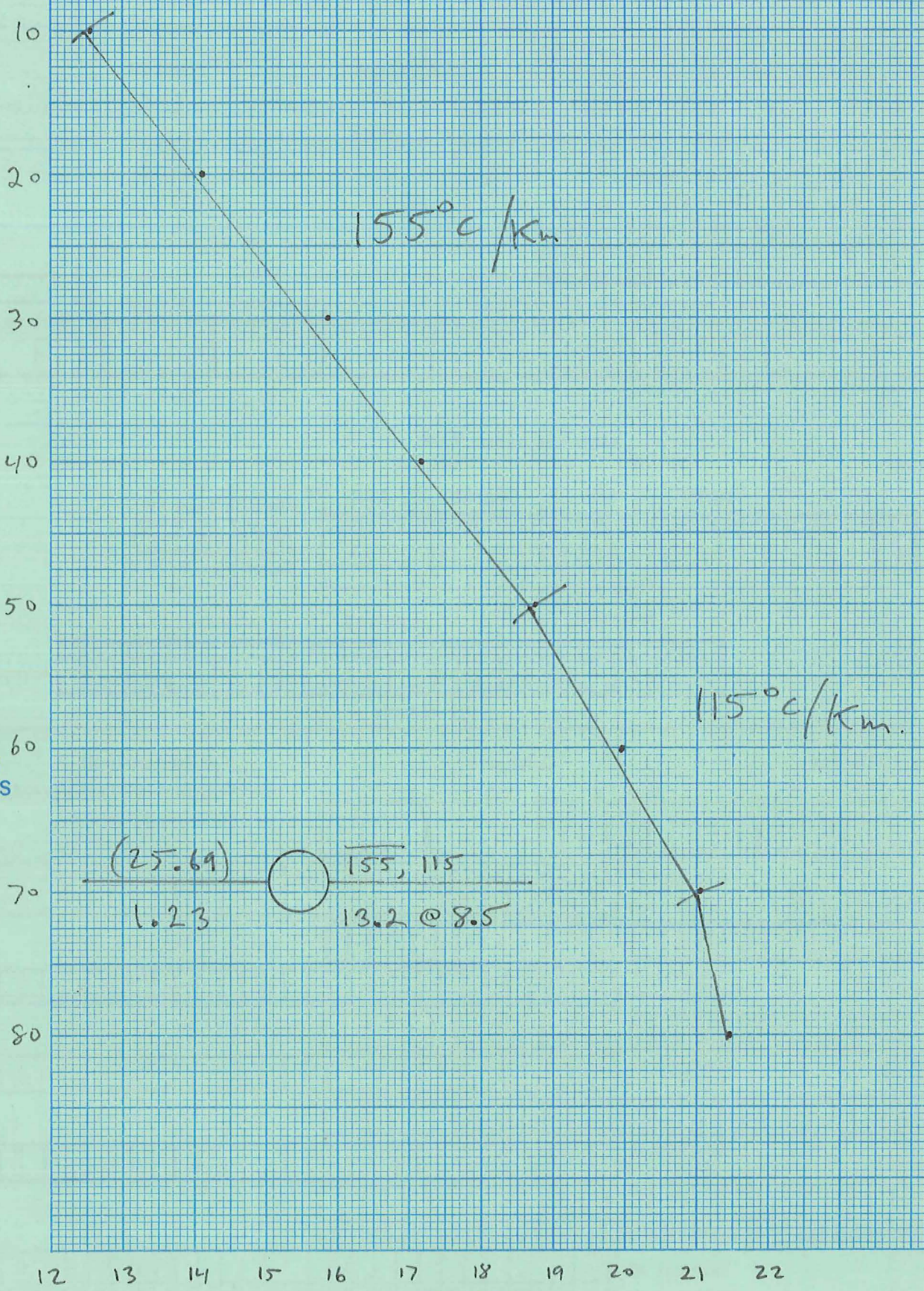
Segment 9 Start →

Segment 10 Start → 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 HOLE ———

DEPTH METERS
↓



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

Date Logged: Jan 31, 1980

ΔT Well No. recon.

Depth (meters)	Instr. Reading	Temp. $^{\circ}C$	ΔT	Grad. $^{\circ}C/km$	K (Est.)	H ₂ O Air	Lithology, etc.
10		12.54				air	allowed 5 min. each
20		14.10				"	station for
30		15.88				"	equilibration
40		17.19				"	
50		18.74				"	
60		19.95				"	
70		21.04				"	
79		21.44				"	hole blocked at 79, T.D. 180m.

K=Conductivity

TEMPERATURE DEPTH LOG

Δ21 ✓

ΔT Well No. Δ21

Property-Project 566 Depth Logged 132.5m
 Map Winnemucca - also, Amax Sonoma Project Scale 15' Date: Drilled April '77 Logged 6/26/77
 State Nevada County Humboldt Section SESW6 T 33N R 40E
 Instrument DT 101 Operator DM Elevation 5700 ft.
 Comments 2" steel cased mineral drillhole

COMPUTER PROCESSING

RT JUSTIFY: 9002

Proj No					Well No					Date Logged			* 19- Write F if Fahrenheit, 20- Write F if Feet										
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	11	12	13	14	15	16	17	18	19	20	
0	0	0	0	2	1	1	1	2	1	2	6	77	1	9	2	0	0	0	0	0	0	C	M

Site Description: AMAX SONOMA PROJECT HOLE S-2
 Operator: DM Editor: DM

Map Location Δ

Scale Unit	Map Size	N Lat		W Long		Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)					
in cm	(7.5, 15.60)	Degree	Min	Degree	Min						
cm	15.	40.	45.0	117.	45.0						

Use decimals

Northing						Easting						Elev						Write M if meters				
51	52	53	54	55	56	61	62	63	64	65	66	71	72	73	74	75	76	77	78	79	80	F
					1.5										31.3							

Use decimals

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	30.0	120.0	-7.0	-0.5
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999

TEMPERATURE - DEPTH LOG

Location _____ Date 6/26

Map Sonoma Project - Winnemucca 15'

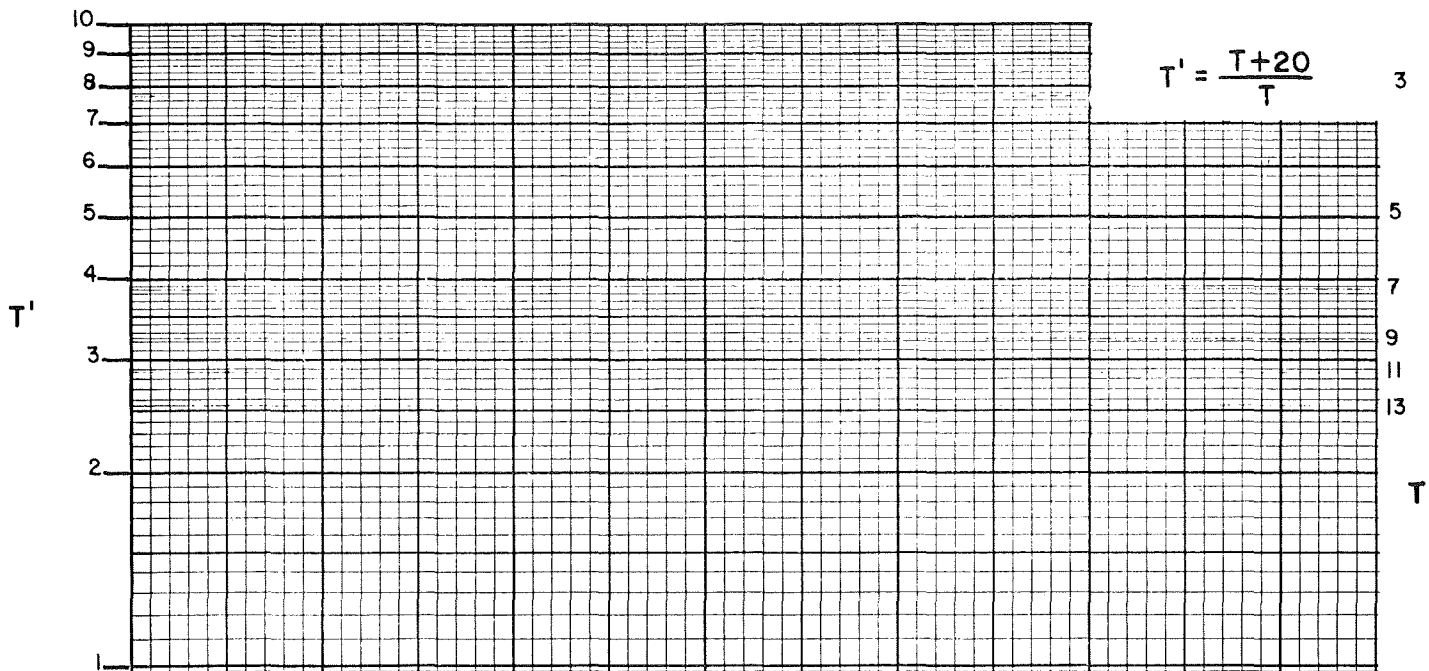
Property Amax T 33N R 40E sec SFSW 6

Drill Hole S-2 Date Drilled April '77(?) Elevation 5700 ft.

Instrument DT 101 Operator Dallan Masterson

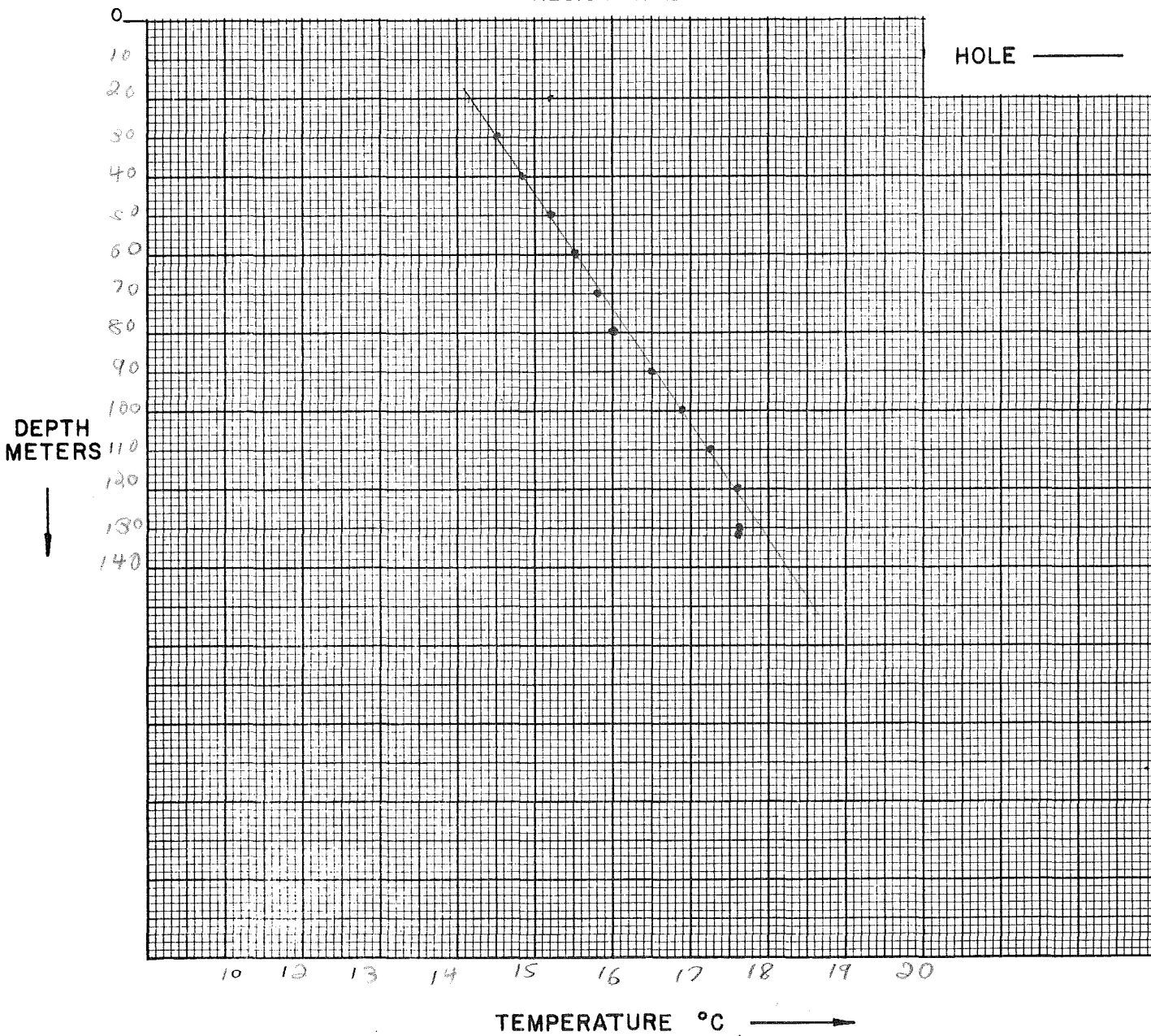
Comments 2" steel cased

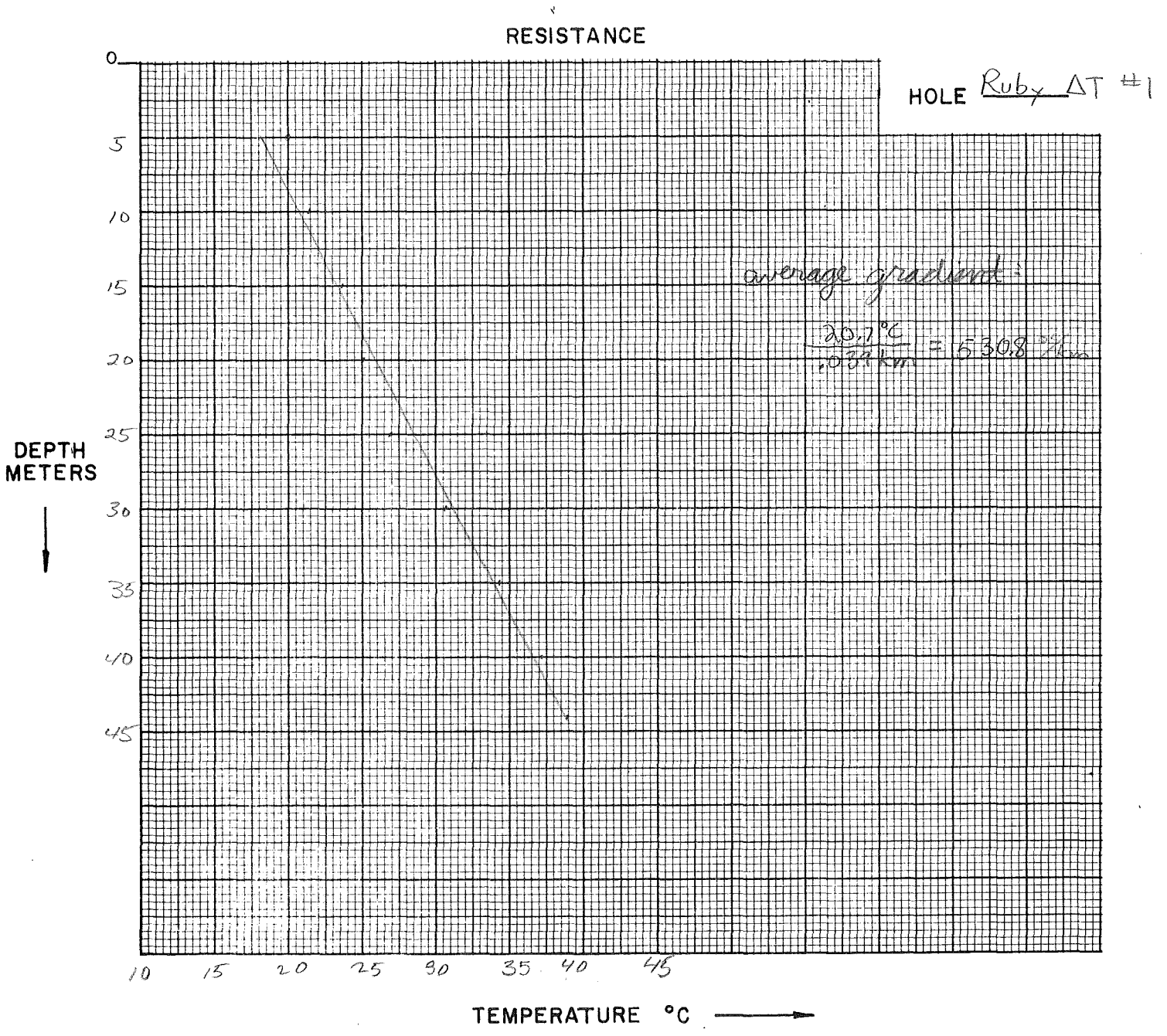
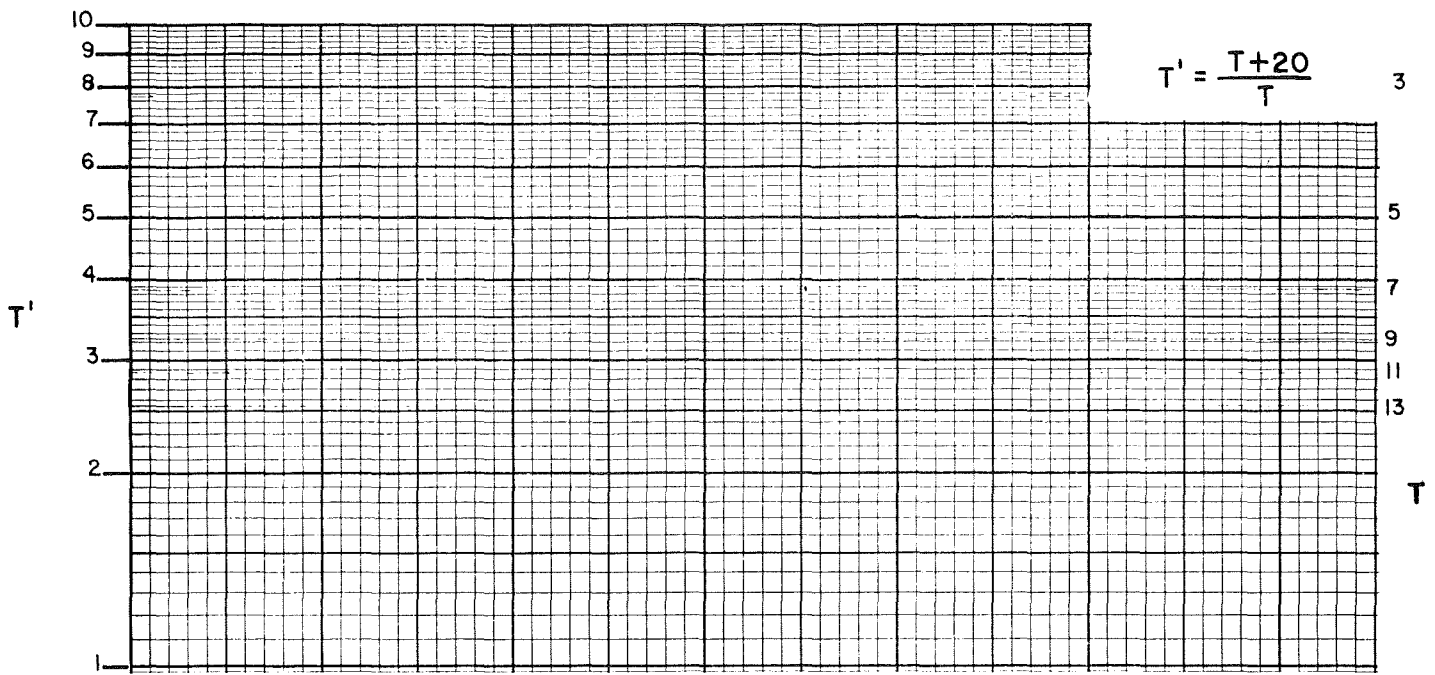
Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
0					Drifting
10					"
20		15.5			"
30		14.48	.02		
40		14.85	.37	37.	
50		15.2	.35	35.	K = 7.0 ± 0.5
60		15.48	.28	28.	BRANODIORITE
70		15.81	.33	33.	
80		16.03	.22	22.	
90		16.45	.42	42.	
100		16.88	.43	43.	
110		17.25	.37	37.	
120		17.59	.34	34.	
130		17.6	.01	1.	
132.5		17.53	-.07		Bottom
99999.					



$$\frac{17.59 - 14.48}{120 - 30} = \frac{3.11}{90} \times 1000 = 34.56 \text{ } ^\circ\text{C}/\text{km}$$

RESISTANCE





TEMPERATURE DEPTH LOG

Δ26

ΔT Well No. Δ26

Property-Project 566

Depth Logged 37.5m

Map Lamotte

Scale 15'

Date: Drilled 1974

Logged 6/11/77

State Nev.

County Clko

Section SE NW 11 T 31N R 59E

Instrument DT-101

Operator FD

Elevation 6050

ft.

Comments USGS hob

COMPUTER PROCESSING

RT JUSTIFY: * 19- Write F if Fahrenheit, 20- Write F if Feet

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
									26										
C M																			

Card A } 9002

Site Description																																																		Operator						Editor			
21	22	23	24	25	26	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																				
USKM SO OF SOLP... W.S. ...																																																											

Card B }

Scale Unit

in. cm

Map Size

(7.5, 15., 60)

Map Location ^Δ

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
							15.				40.	30.				115.	30.												

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
										14.3										28.6 6050.									

Use decimals

Write M if meters

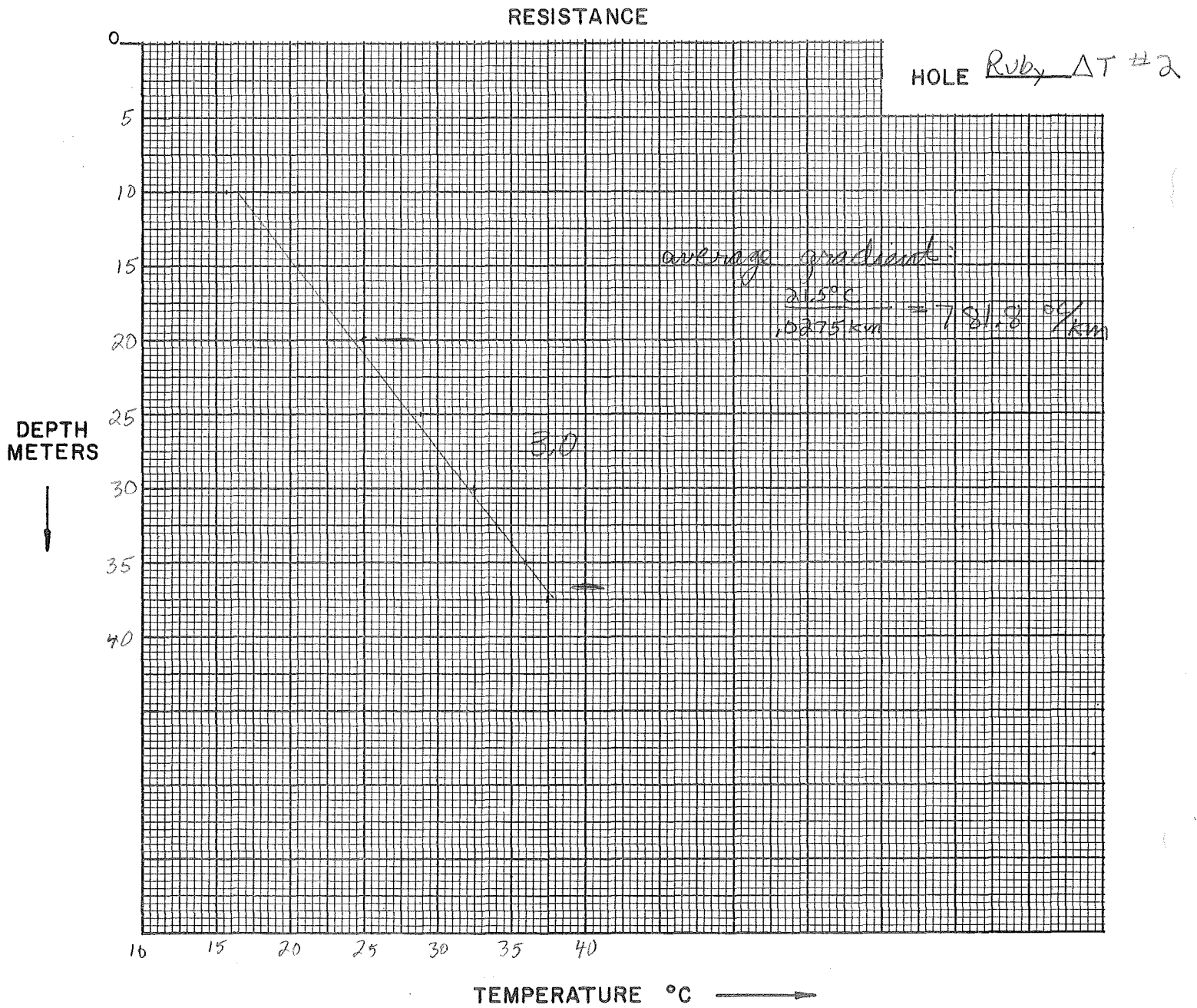
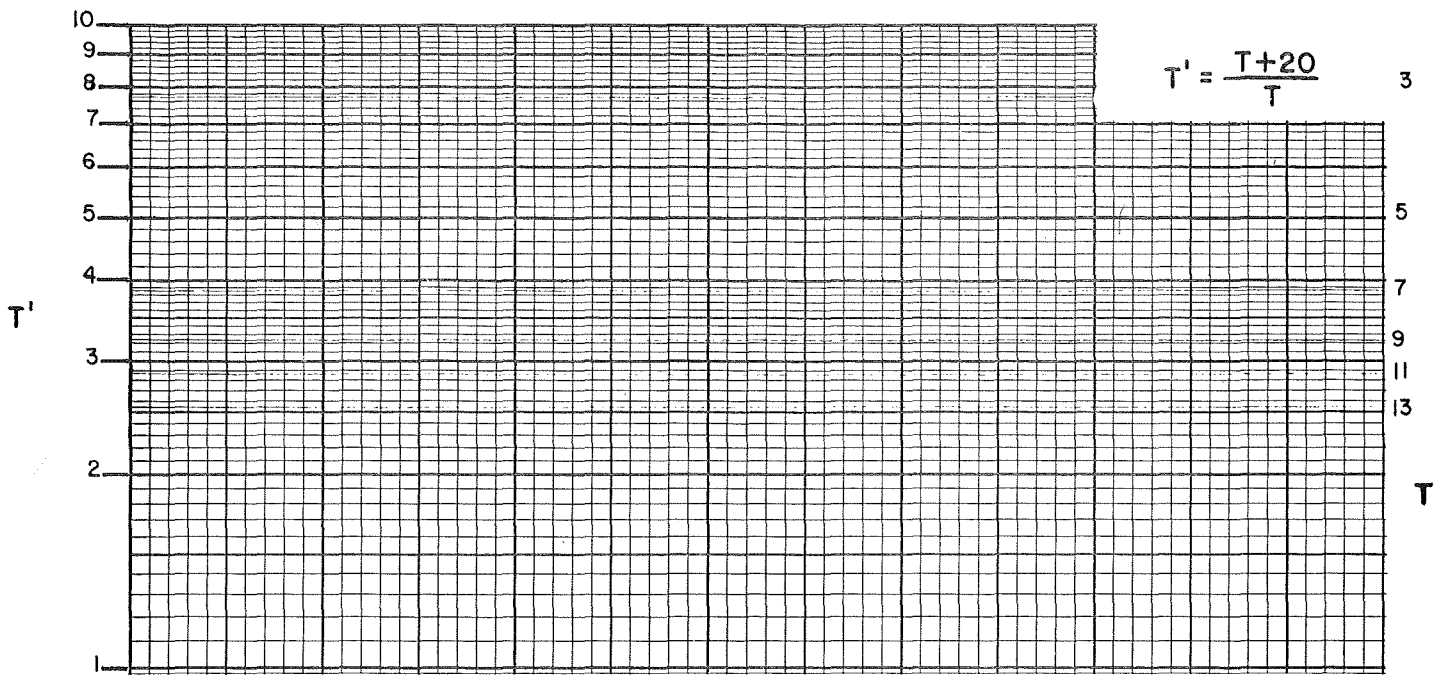
△ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)

	SEGMENT DEPTH										K	ΔK											
	Start	End																					
C	10.0										37.5											-3.0	-0.5
D																							
E																							
F																							
G																							

Continue each card below.

	SEGMENT DEPTH										K	ΔK											
	Start	End																					
C	.999																						
D																							
E																							
F																							
G																							

Final Segment: Start = .999



TEMPERATURE DEPTH LOG

Δ27 ✓

ΔT Well No. Δ27

Property-Project _____ Depth Logged 37.5m
 Map Lamoille Scale 15' Date: Drilled 1974 Logged 6/11/77
 State Nw. County W. Va Section NW SE 11 T 31 N R 59 E
 Instrument DT-101 Operator DM Elevation 6020 ft.
 Comments USGS hole

COMPUTER PROCESSING

RT JUSTIFY: {

Card A

Proj No	Well No	Date Logged			*
1-5	6-10	DA	MO	YR	
9002	27	06	06	77	CM

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

Site Description																																																		Operator					Editor				
21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100																																																				
18KM	SE OF	CAMP	W. VA.				DM/DM																																																				

Card B

Scale Unit	Map Size	Map Location Δ				N Lat					W Long					Elev				
in. cm	(7.5, 15., 60)	Degree	Min	Second	Degree	Min	Second	Min	Second	Min	Second	Min	Second	Min	Second					
CM	15.	40.	30.	0	115.	30.	0													

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

Northing	Easting	Elev
51-60	61-70	71-80
14.1	28.7	6020

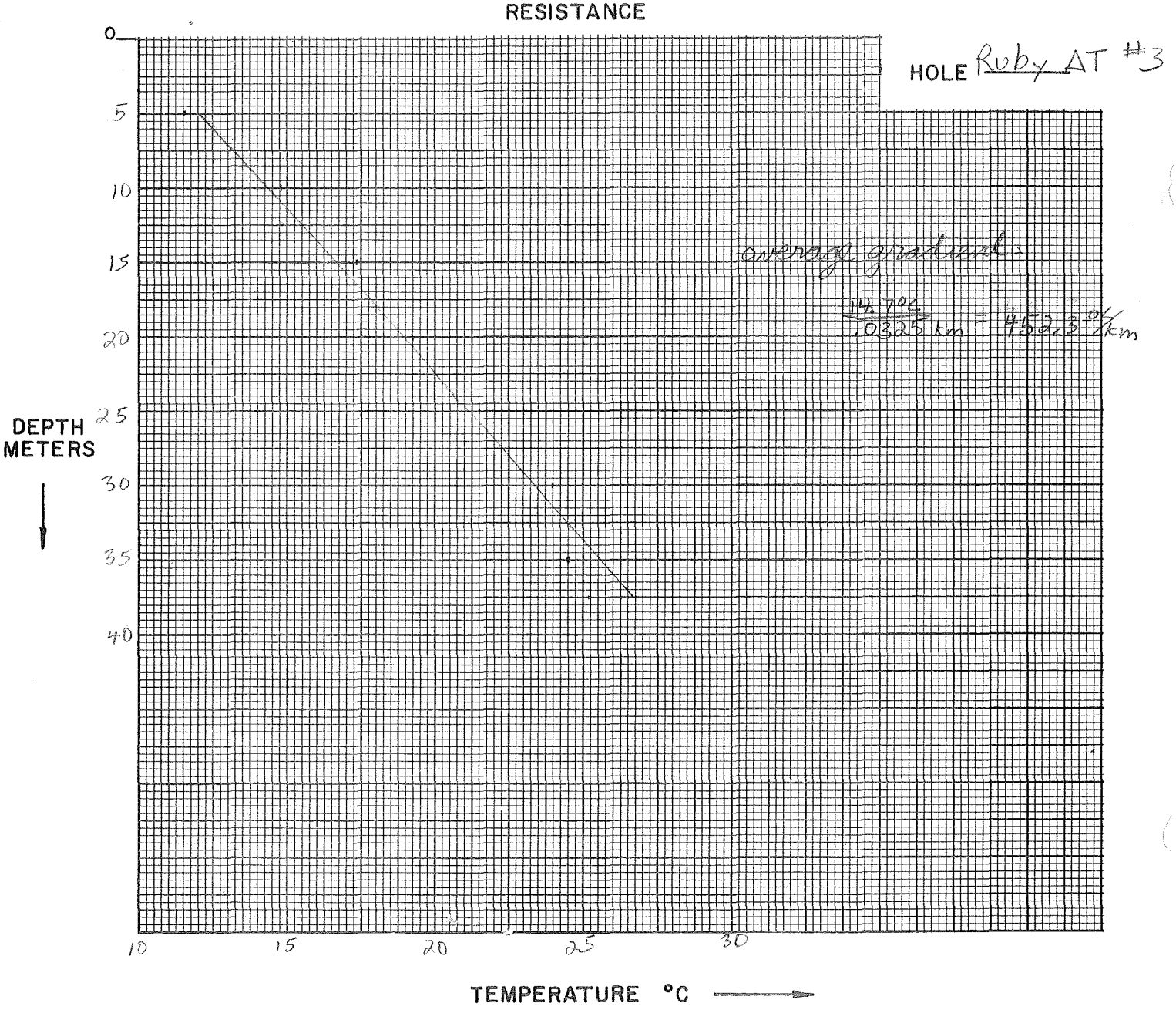
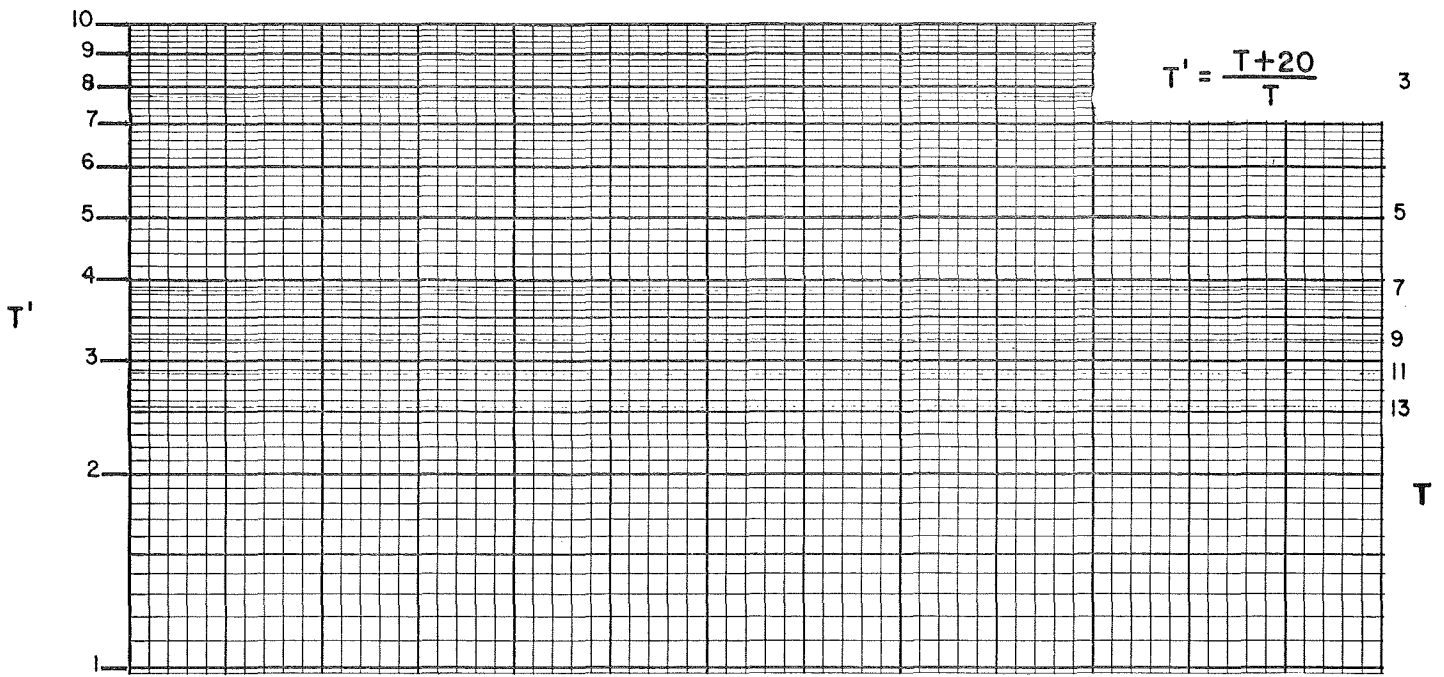
Write M if meters

	SEGMENT DEPTH																		
	Start					End					K					ΔK			
	21-30	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			
C	10.0	30.0	-3.0	-0.5															
D																			
E																			
F																			
G																			

Continue each card below.

	SEGMENT DEPTH																		
	Start					End					K					ΔK			
	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				
C	.999																		
D																			
E																			
F																			
G																			

Final Segment: Start = .999



TEMPERATURE DEPTH LOG

Δ 28 ✓

ΔT Well No. Δ 28

Property-Project 566 Depth Logged 46.8m
 Map Twin Buttes Scale 7 1/2' Date: Drilled 1967 Logged 6/11/77
 State Nev County Clark Section NWSW 28 T 38 N R 59 E
 Instrument DT-101 Operator BW Elevation 5570 ft.
 Comments windmill 6" steel casing

COMPUTER PROCESSING

RT JUSTIFY: 9002

Proj No				Well No						Date Logged			*							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
0007									28	7				67						C M

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

Site Description																												Operator			Editor														
21	22	23	24	25	26	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						
WINDMILL 2.5 MI W OF CROSS RCH																												BW			/														

Card B

Scale Unit		Map Size		Map Location Δ				W Long				Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)																													
in	cm	(7.5, 15, 60)		N Lat		Degree		Min		Degree			Min																												
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50												
cm		15,			41.		07.		5	115.		22.		5																											

Use decimals

Northing						Easting						Elev		Write M if meters																
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
12.3						16.0570								F																

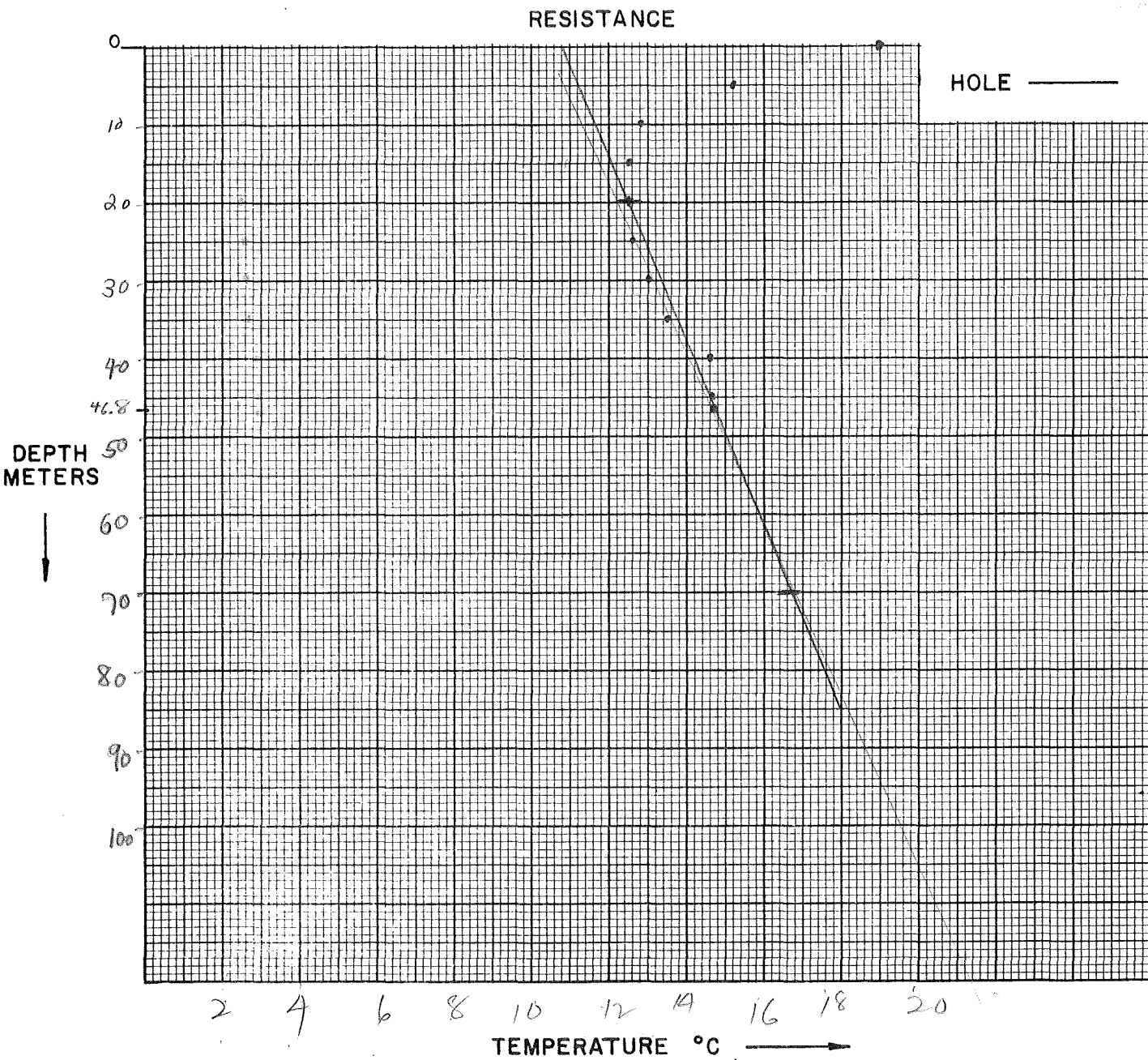
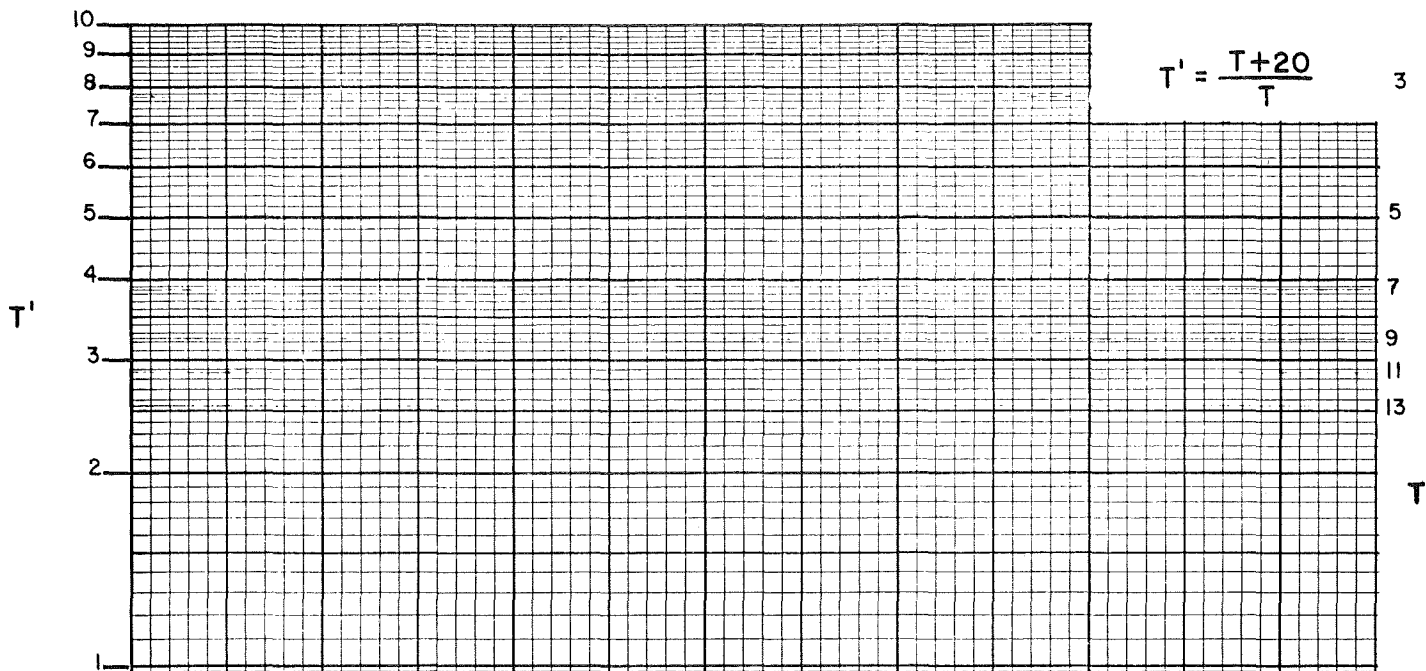
Use decimals

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	25.0	46.8	-3.5	-0.5
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999



$\frac{16.65}{12.5}$
 $\frac{4.15}{50} \times 1000$
 11
 $83^{\circ}\text{C}/\text{km}$

TEMPERATURE DEPTH LOG

Δ29 ✓

Property-Project 566 ΔT Well No. Δ29
 Map Contact Scale 15' Date: Drilled ? Depth Logged 35m
 State Nev. County Clark Section NW SW 8 T 45N R 64E
 Instrument DT-101 Operator BW Elevation 5560 ft.
 Comments windmill

COMPUTER PROCESSING

7 38 59

RT JUSTIFY: **Card A**

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

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

Site Description																																																		Operator					Editor				
WINDMILL 2																																																		BW					DM				

Card B

Scale Unit		Map Size		Map Location Δ				W Long																					
in	cm	(7.5, 15., 60)		N Lat		Degree		Min		Degree		Min																	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
CM		15.		41.45.00				115.0.0																					

Use decimals

Northing										Easting										Elev									
8.2										31.8										5560									
8.2										31.8										5560									

Use decimals

Write M if meters

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

SEGMENT DEPTH

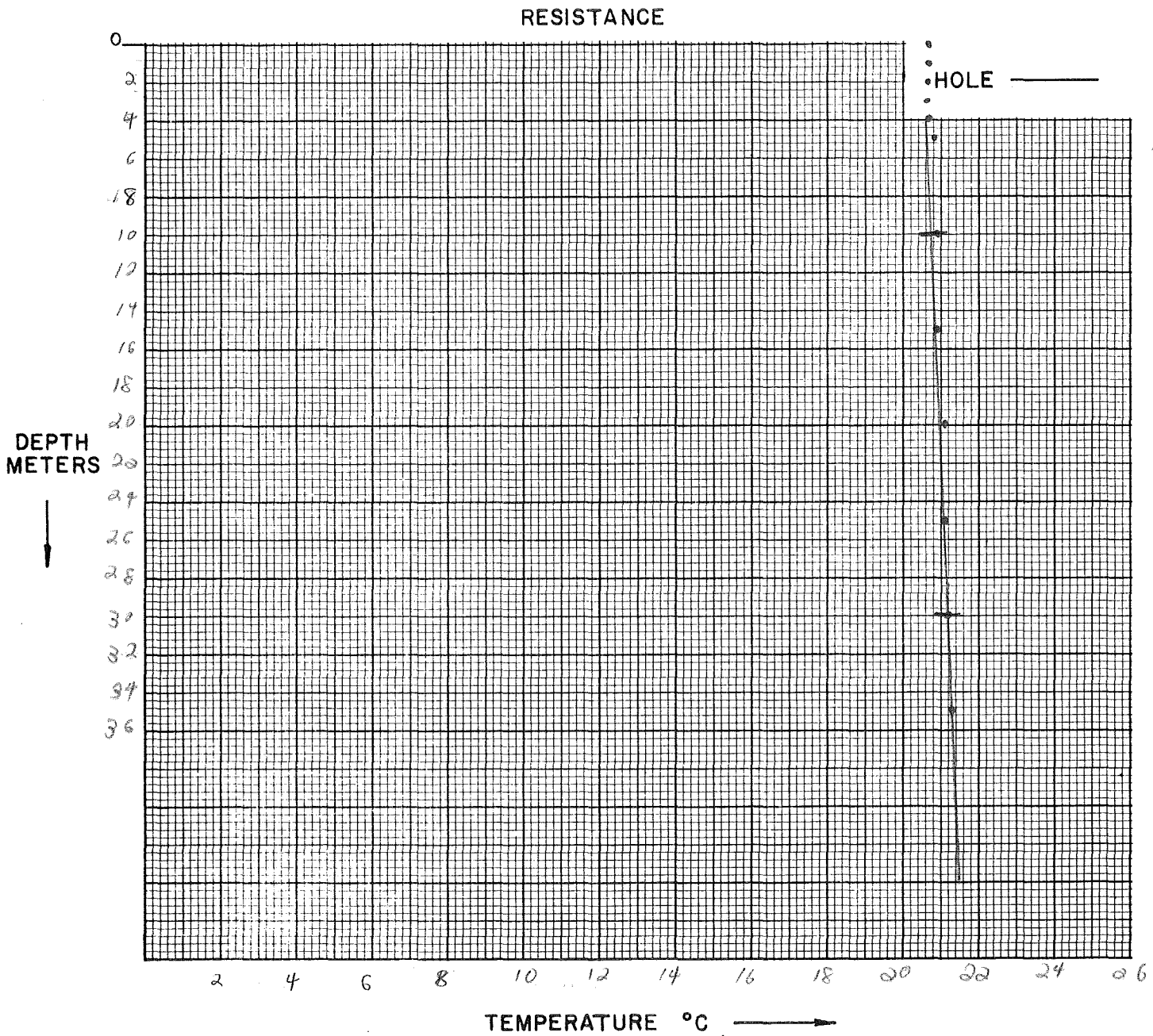
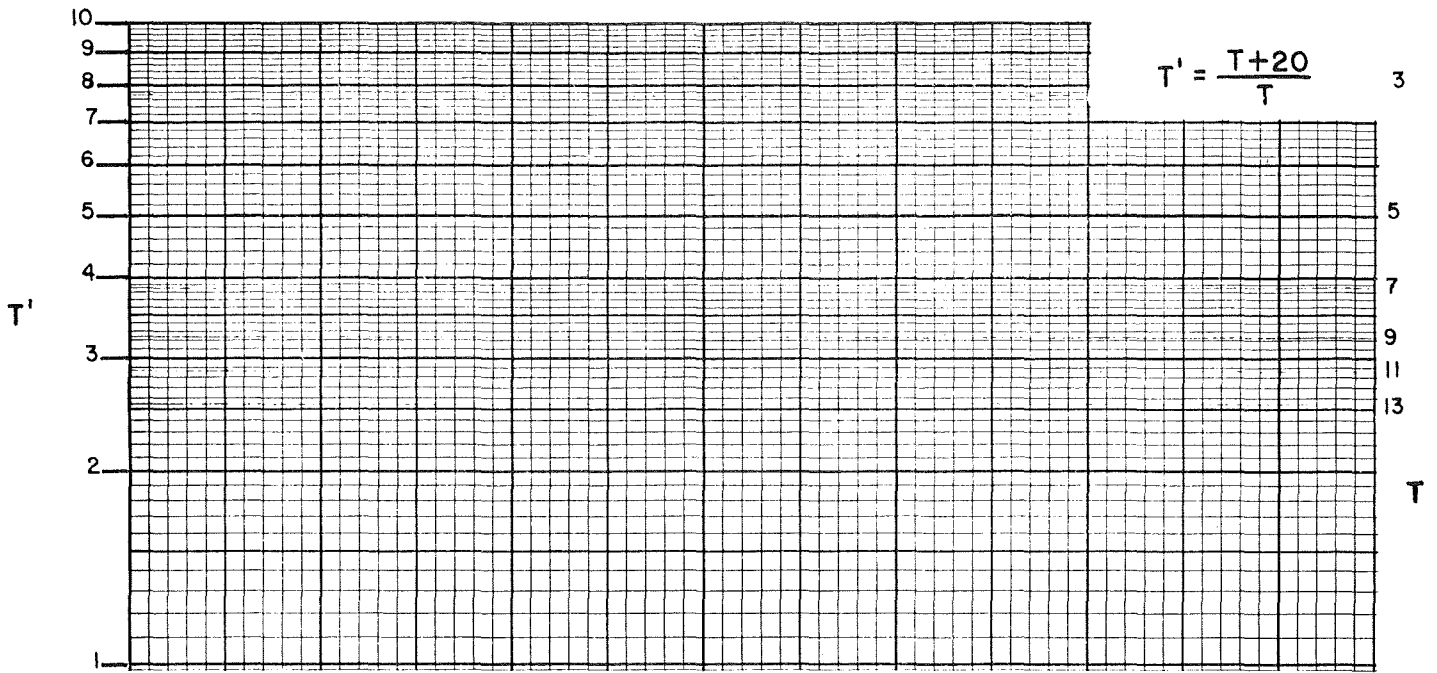
	Start										End										K					ΔK									
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50					
C	15.0										35.0										-5.5					-0.5									
D																																			
E																																			
F																																			
G																																			

Continue each card below.

SEGMENT DEPTH

	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															
C	.999																																												
D																																													
E																																													
F																																													
G																																													

Final Segment: Start = .999



TEMPERATURE DEPTH LOG

Δ31

Property-Project 566 ΔT Well No. _____
 Map Horse Creek Valley (15') Scale _____ Date: Drilled _____ Logged 6/29/77
 State Nevada County _____ Section 7 T 25N R 49E
 Instrument DT-101 Operator ReBabe Elevation 5800 ft.
 Comments Windmill, Baumann Well

COMPUTER PROCESSING

RT JUSTIFY: 9002

Proj No				Well No						Date Logged			*							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
				31						08			CM							

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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	ReBabe					JRM														
BAUMANN WINDMILL																																																											

Card B

Scale Unit		Map Size		Map Location Δ				W Long																					
in	cm	(7.5, 15, 60)		N Lat		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		40.00				116.30		00																			

Use decimals

Northing										Easting										Elev									
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
13.00										2.7000										F									

Use decimals

Write M if meters

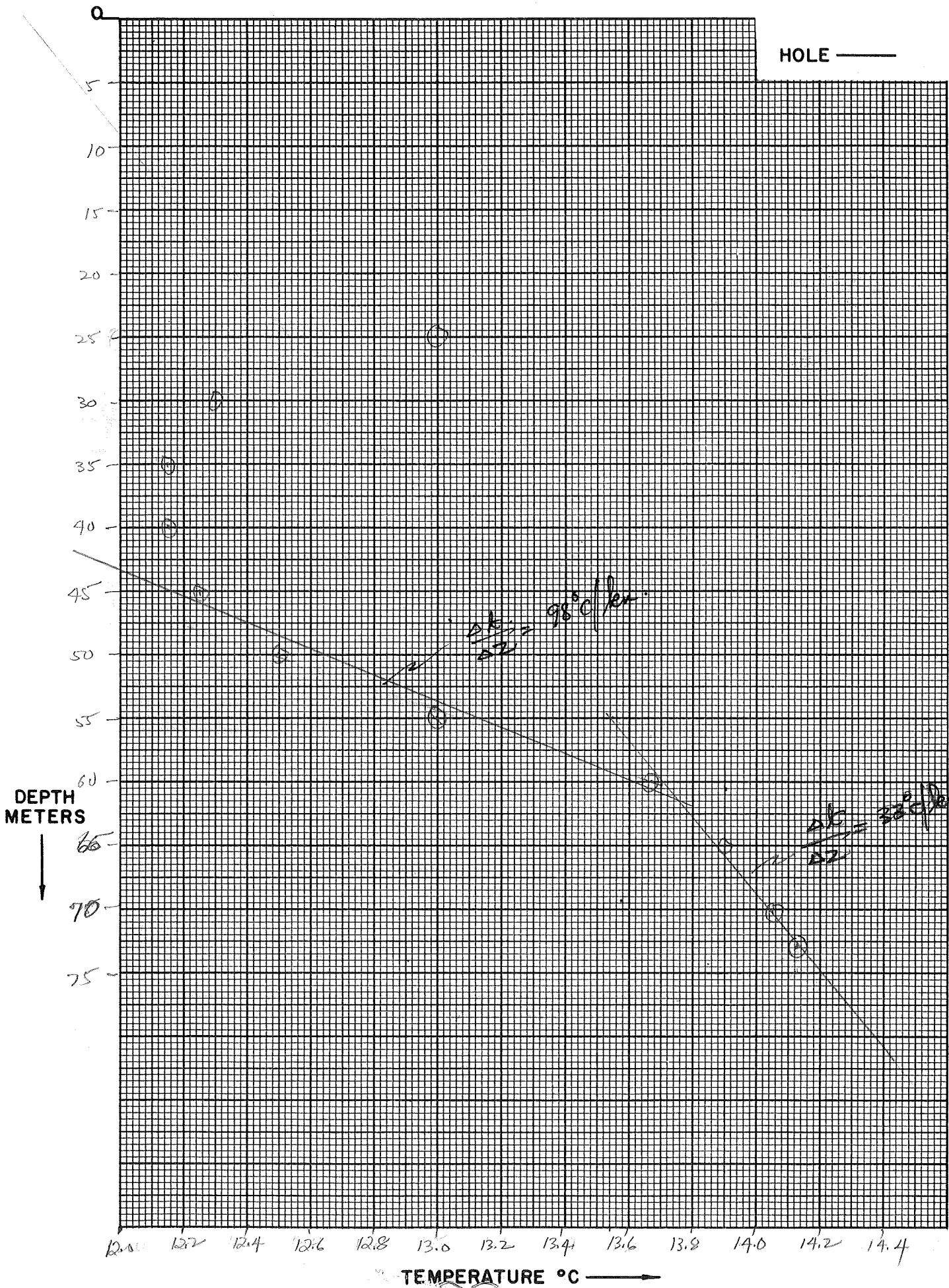
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	45.0	60.0		
D	.999			
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	60.0	73.0	-4.5	-0.5
D				
E				
F				
G				

Final Segment: Start = .999



Handwritten calculations on the right margin:

$$\frac{1.6}{12.16} = \frac{1.46}{15}$$

$$= 0.098$$

$$\frac{14.20}{13.54} = \frac{0.66}{0.70} = 0.94$$

TEMPERATURE - DEPTH LOG

Location _____ Date 6/29/77

Map Horse Creek Valley (15'), Nev.

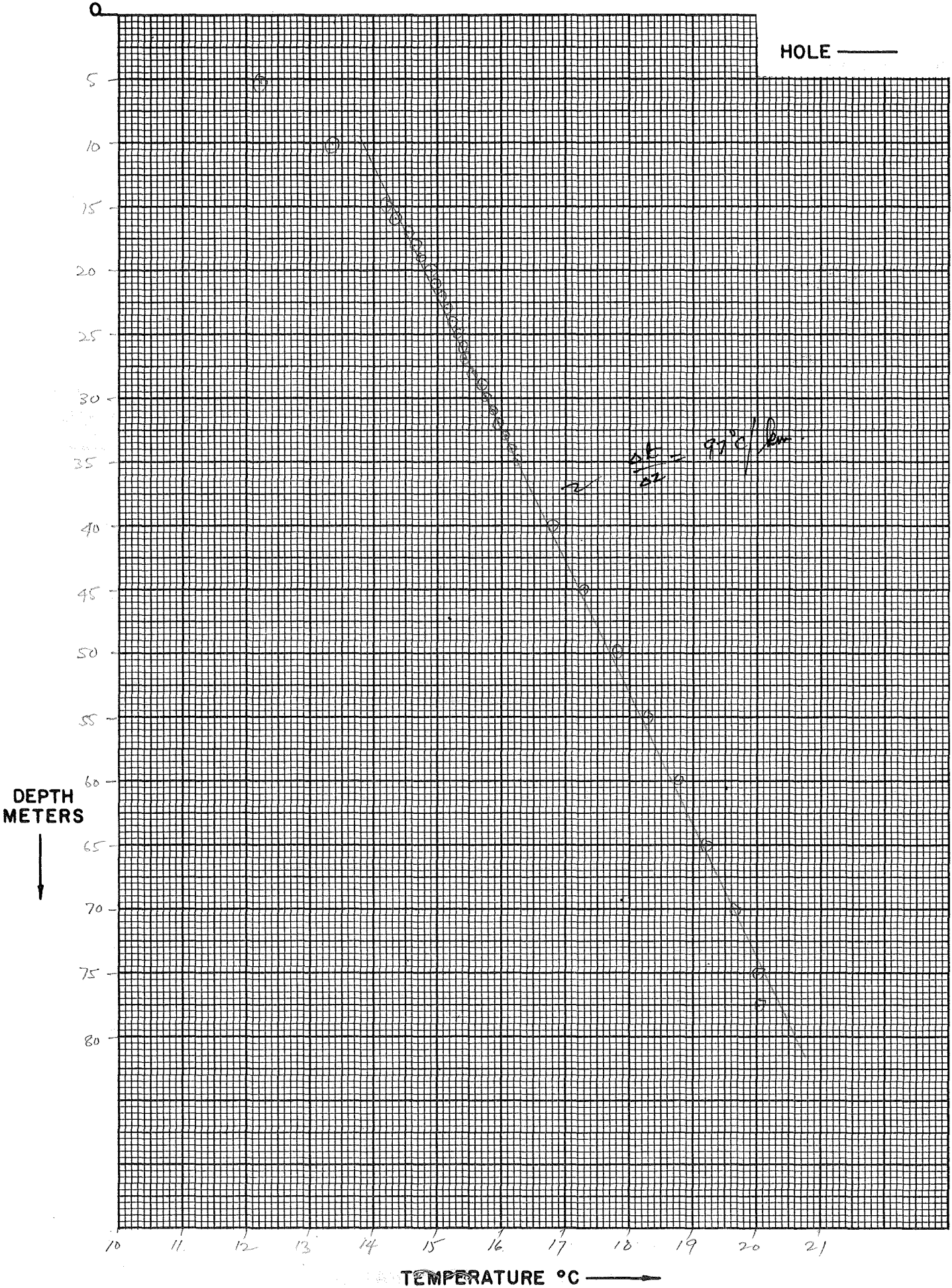
Property _____ T 25N R 49E sec 7

Drill Hole Baumann Well Date Drilled _____ Elevation _____ ft.

Instrument JT-101 Operator R. Baker

Comments windmill

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
0		33.0			
5					drifting in air
10					"
15					"
20					"
25		13.0			"
30		12.3	-.7		
35		12.15	-.15		In water
40		12.15	0.0		
45		12.25	.1	20	K = 1.5 ± 0.25
50		12.50	.25	50	Volcanic ALL +
55		13.0	.5	100	minor sand + LMS.
60		13.65	.65	130	
65		13.9	.25	50	
70		14.05	.15	30	
73		14.12	.07	23	bottom
99999.					



$\frac{19.65 - 7.0}{14.80 - 2.0}$
 $\frac{12.65}{12.8}$
 $= 0.99$

TEMPERATURE - DEPTH LOG

Location _____ Date 6/21Map Frenchio Creek QuadProperty Chevron T 30N R 49E sec SE 33Drill Hole HSP AT #1 Date Drilled ? Elevation 5450 ft.Instrument DT 101 Operator Ravi BohraComments PVC 2 1/2" - 10' N of trench (rock sample taken from trench)

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
5		12.2			in air
10		13.35	1.15	230	in water
15		14.20	.85	170	
16		14.35	.15	150	
17		14.53	.18	180	
18		14.63	.10	100	
19		14.72	.09	90	
20		14.90	.18	180	
21		14.96	.06	60	
22		15.06	.10	100	
23		15.15	.09	90	
24		15.22	.07	70	
25		15.32	.1	100	
26		15.4	.08	80	
27		15.45	.05	50	
28		15.55	.1	100	
29		15.7	.15	150	
30		15.77	.07	70	
31		15.87	.1	100	
32		15.95	.08	80	
33		16.08	.13	130	

$$K = 6.5 \pm 0.5$$

and site flows
test.

TEMPERATURE DEPTH LOG

034 ✓

Property-Project 566 ΔT Well No. _____
 Map Dunphy Quad (15') Depth Logged 75 meters
 State Nevada Scale _____ Date: Drilled _____ Logged 6/23/77
 County _____ Section 6 T 32N R 47E
 Instrument DT-101 Operator Blate Elevation 4600 ft.
 Comments Abandoned well previously used by highway department

COMPUTER PROCESSING

RT JUSTIFY:

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

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

Card A

Site Description																																														Operator		Editor	
21	22	23	24	25	26	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										
W	E	L	L	.	5	M	I																																										

Scale Unit		Map Location Δ																											
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				1	5				4					1	6													

Use decimals

Δ 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
					3	0	.	4							4	.	6												

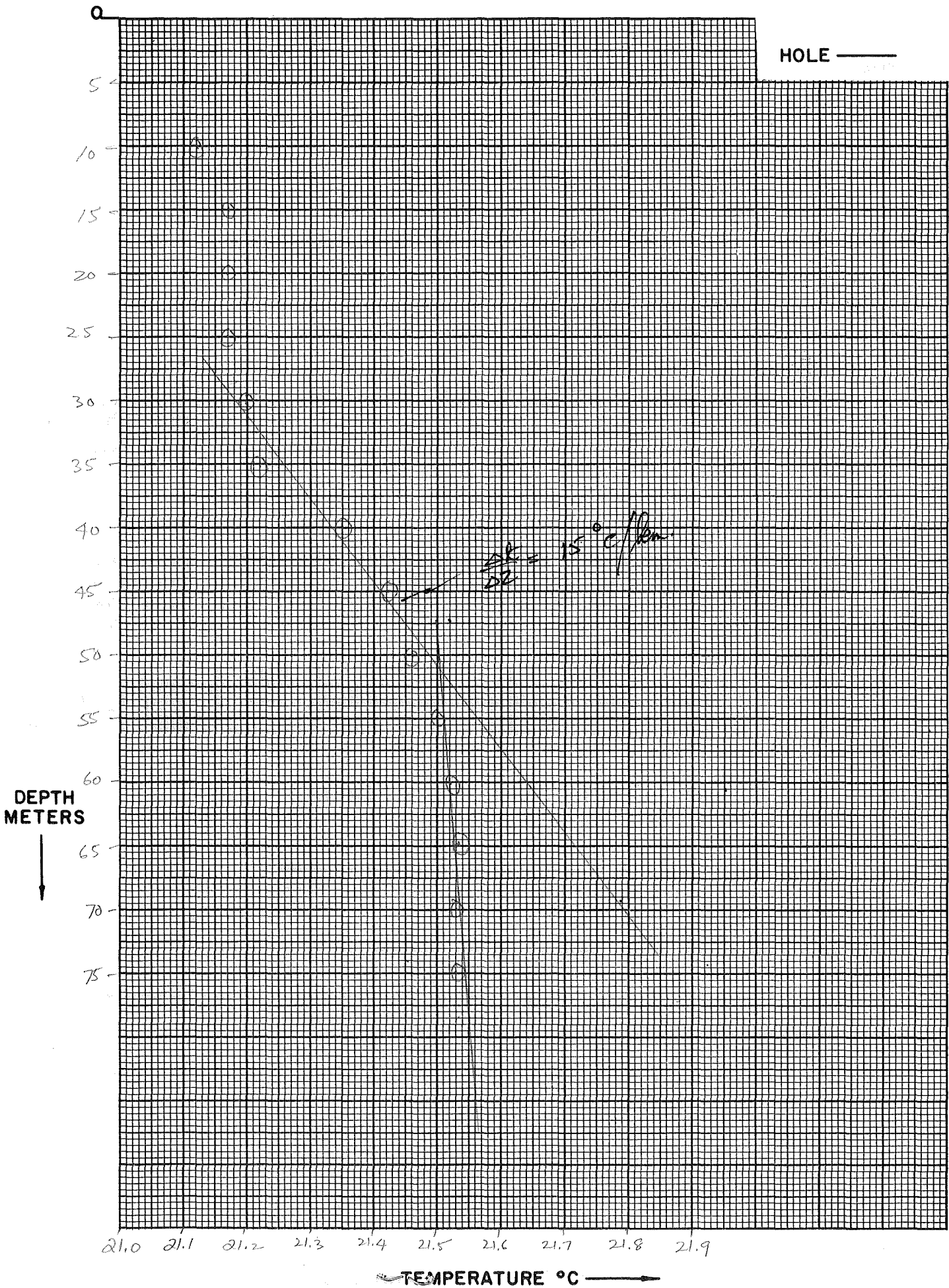
Write M if meters

SEGMENT DEPTH																																		
	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				
C	3	0	.	0						4	5	.	0																					
D	.	9	.	9	9																													
E																																		
F																																		
G																																		

Continue each card below.

SEGMENT DEPTH																																			
	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					
C	5	5	.	0						7	5	.	0																						
D																																			
E																																			
F																																			
G																																			

Final Segment: Start = .999



$21.47 - 49$
 $21.18 - 30$
 $\hline .290$
 19
 $\hline = 0.015$

TEMPERATURE - DEPTH LOG

Location Near Battle Mountain Date 9/23/77

Map Dunphy Quad (15')

Property T33N R47E sec 6

Drill Hole _____ Date Drilled _____ Elevation 4600 ft.

Instrument DT-161 Operator Rhater

Comments _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
0					
5					
10	21.12	→			In water
15	21.17	"	+0.05	10	
20	21.17	"	-		
25	21.17	"	-		
30	21.20	"	+0.03	6	K = 4.0 ± 0.25
35	21.22	"	+0.02	4	QAL from DV
40	21.35	"	+0.13	26	
45	21.42	"	+0.07	14	
50	21.46	"	+0.04	8	
55	21.50	"	+0.04	8	
60	21.52	"	+0.02	4	
65	21.53	"	+0.01	2	
70	21.53	"	-	-	
75	21.53	→			Hole bottom
99999.					

TEMPERATURE DEPTH LOG

△ 38



ΔT Well No. _____

Property-Project 566

Depth Logged 60 meters

Map Elko East, Nev. (7 1/2') Scale 1:24000 Date: Drilled _____ Logged 14 Jun 77

State Nevada County Elko Section 18 T 34 N R 56 E

Instrument DT-101 Operator R. Batra Elevation 5250 ft

Comments _____

COMPUTER PROCESSING

RT JUSTIFY: Card A

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

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

Site Description																																																								Operator				Editor			
21	22	23	24	25	26	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																								
I	N	E	L	K	O	C	H	I	L	E	S	K	I	L	E	O	F	E	L	K	O																																										

Map Location ^Δ									
Scale Unit		Map Size			N Lat		W Long		
in	cm	(7.5, 15., 60)	Degree	Min	Degree	Min	Degree	Min	
CM		7.5	40	45	0	115	45	0	

Δ 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

Write M if meters

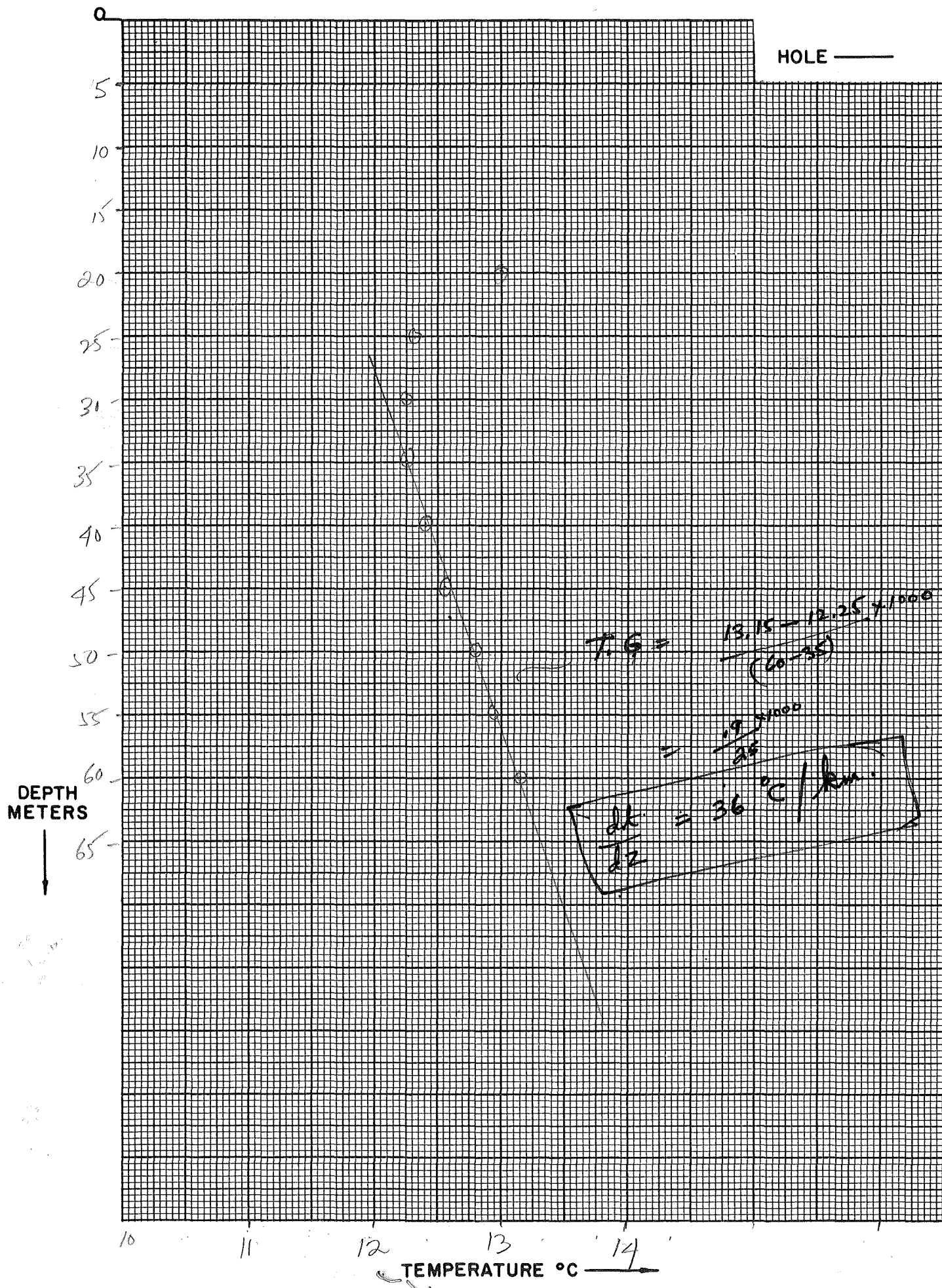
	SEGMENT DEPTH										K	ΔK																		
	Start					End																								
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
D																														
E																														
F																														
G																														

Continue each card below.

	SEGMENT DEPTH										K	ΔK																		
	Start					End																								
C	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
D																														
E																														
F																														
G																														

Final Segment: Start = .999

HOLE ———



TEMPERATURE - DEPTH LOG

Location Elko, ~~East~~, Nev. Date 6-14-77

Map NW1/4 Sec 18 Elko East Quad (7 1/2')

Property T 34N R 56E sec NW1/4 Sec 18

Drill Hole Lunar Well Date Drilled Elevation 15 ft.

Instrument DT-101 Operator R Baker

Comments

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient °C/Km Avg.	Comments
0					
5					$K = 4.0 \pm 0.5$
10					TUFFACEOUS TERT. Sed.
15					
20		13.0			(Approx. interval still drifting)
25		12.32	-1.68		In water
30		12.25	-1.07		"
35		12.25	0.0		
40		12.40	+1.15		
45		12.55	+1.15		
			+1.25		
50		12.86	4.15		
55		12.95			
60		13.15	+1.20		Hole bottom
99999.					

TEMPERATURE DEPTH LOG

Δ39



ΔT Well No. _____

Property-Project 566

Depth Logged 56m.

Map Honolulu, Quad (7 1/2') Scale 1:24000 Date: Drilled _____ Logged 9 Jun 77

State Nevada County Elko Section 25 T 40N R 68E

Instrument DT-101 Operator R. Bates Elevation 5150 ft. ft.

Comments Gamble Well

COMPUTER PROCESSING

RT JUSTIFY:
 Card A

Proj No					Well No					Date Logged			*
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	
9	0	0	2		N	I	V	3	9	0	6	77	C

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

Site Description																																													Operator					Editor				
21	22	23	24	25	26	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															
GAMBLE WELLS NEAR HONOLULU																																													R. BATES					JUN 77				

Card B

Scale Unit		Map Size		Map Location Δ				W Long				Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)
in.	cm.	(7.5, 15., 60)		N Lat		Degree		Degree		Min		
cm		7.5		41	15	20		114	15	0		

Use decimals

Northing										Easting										Elev					Write M if meters				
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
34.9										9.55150										F									

Use decimals

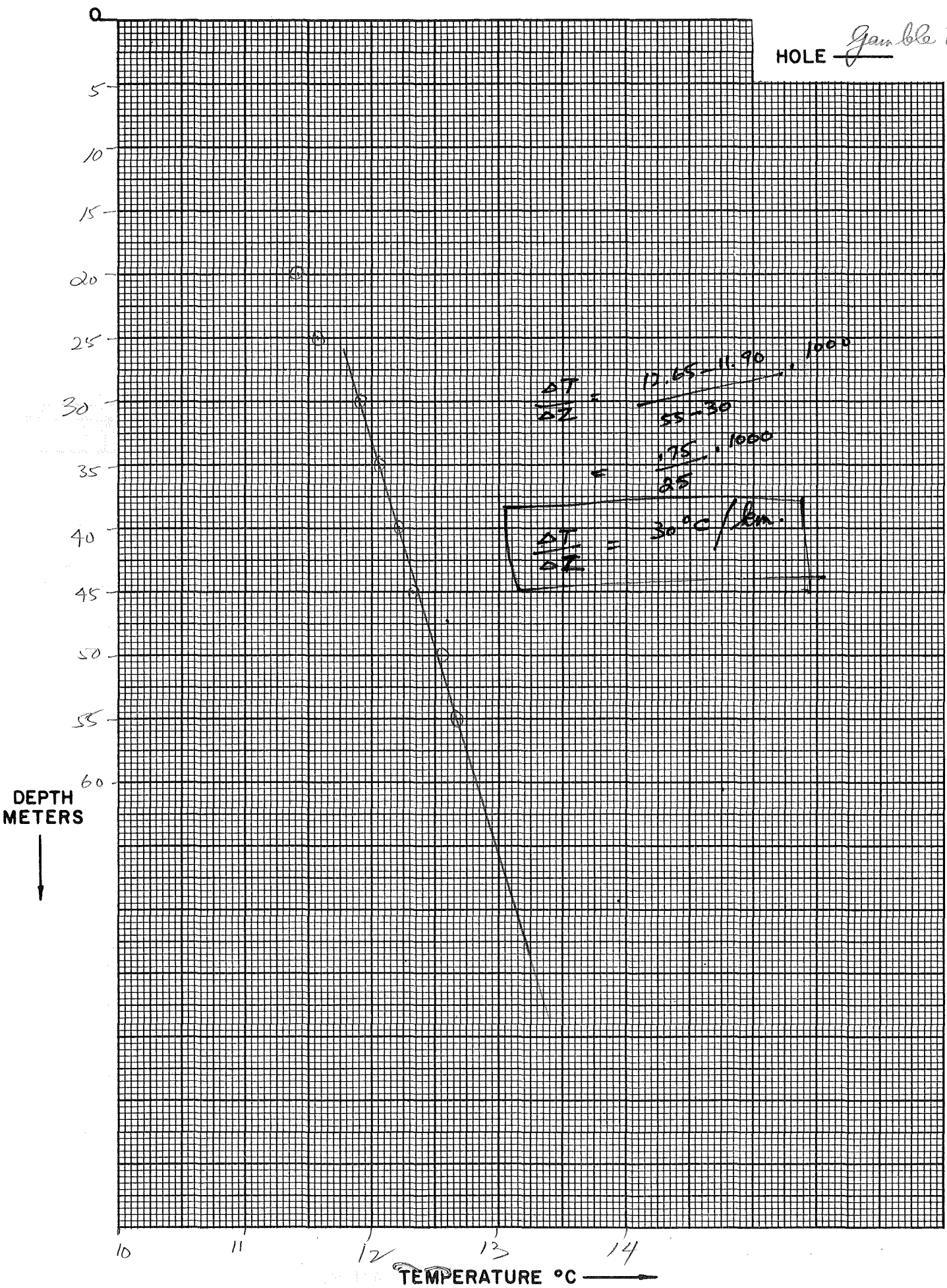
	SEGMENT DEPTH										K	ΔK																		
	Start					End																								
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
D	30.0					55.0										-3.5					-0.5									
E																														
F																														
G																														

Continue each card below.

	SEGMENT DEPTH																													
	Start										End										K					ΔK				
C	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
D	.999																													
E																														
F																														
G																														

Final Segment: Start = .999

HOLE Gamble Well



TEMPERATURE DEPTH LOG

$\Delta 41$ ✓

ΔT Well No. _____

Property-Project 566 Depth Logged 68 m.

Map Cobra Quad (7 1/2') Scale 1:29000 Date: Drilled _____ Logged 7 Jun 77

State Nevada County Elko Section 27 T 37N R 66E

Instrument DJ-101 Operator R Bates Elevation 5985 ft.

Comments Near Paris, Nevada

COMPUTER PROCESSING

RT JUSTIFY: → → → → → *

Card A

Proj No.				Well No.							Date Logged			* 19-Write F if Fahrenheit, 20- Write F if Feet					
1 2 3 4				5 6 7 8 9 10							DA MO YR			11 12 13 14 15 16 17 18 19 20					
002				41							07			CM					

Site Description																																													Operator					Editor				
WELL 3 KM N OF PARIS, NEVADA																																													RB					LH				

Card B

Scale Unit		Map Size		Map Location Δ												Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-) (E,+)
in	cm	(7.5, 15., 60)	N Lat		Degree		Min		W Long		Degree		Min			
CM		7.5		41		21		0		114		30		0		

Use decimals

Northing										Easting										Elev					Write M if meters
25.7										3.85435															

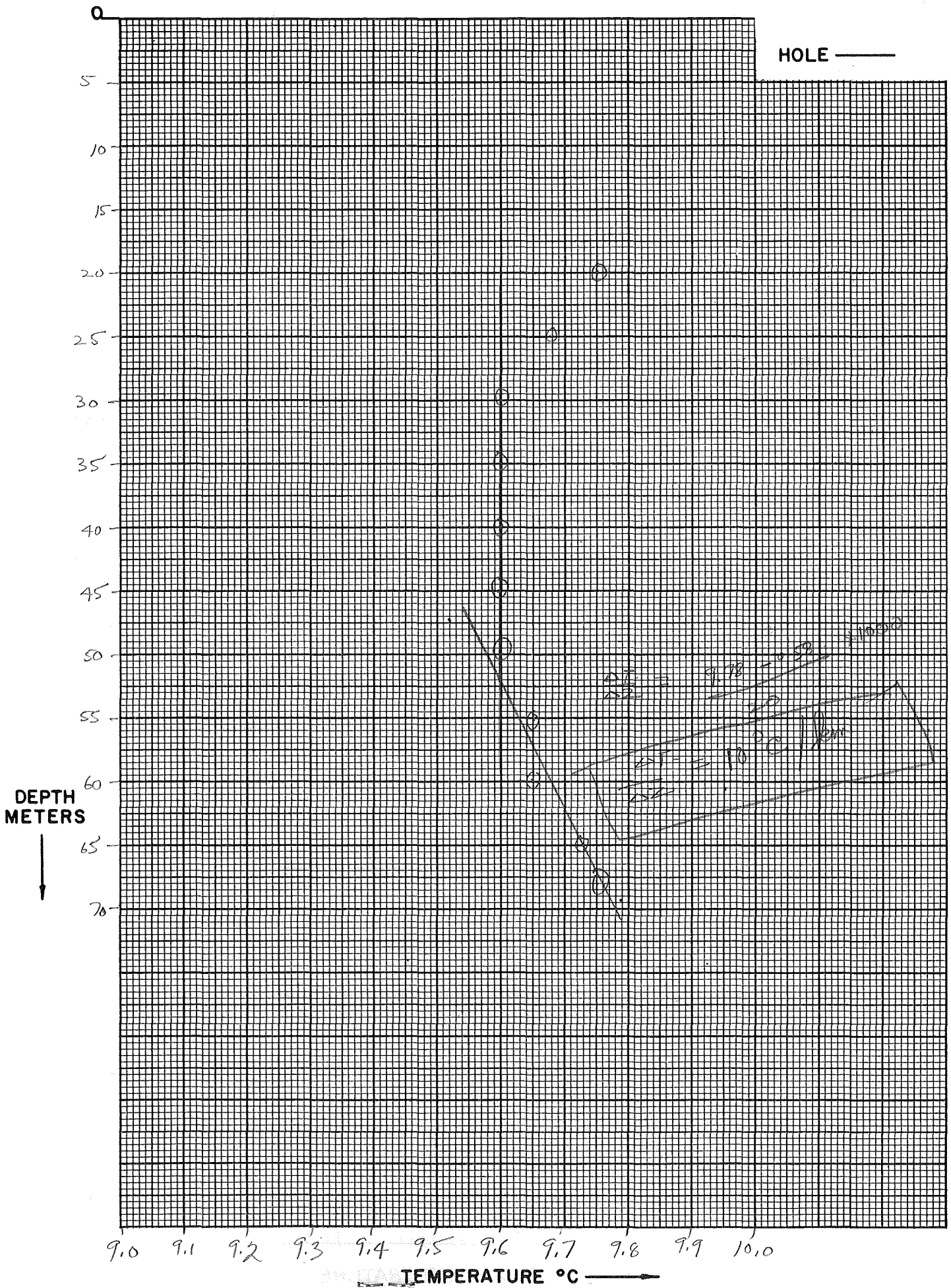
Use decimals

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	50.0	68.0	-3.5	-0.5
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999



TEMPERATURE - DEPTH LOG

Location Near OASIS, Nev. Date 6-7-77

Map Cobre Dred (7 1/2')

Property BLM? T 37N R 66E sec 27

Drill Hole _____ Date Drilled Unknown Elevation 5985 ft.

Instrument Dig. Thermometer DT101 Operator R. Bates

Comments _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
0		28.95				In air
1		12.20				"
2						
3						
4						K = 1.50 ± 0.25
5						Sandy Alluvium
10						
15						
20		9.75				
25		9.68	-0.07			In water.
30		9.60	-0.08			
35		9.60	0.0			
40		9.60	0.0			
45		9.60	0.0			
50		9.60	0.0			
55		9.65	+0.05			
60		9.65	0.0			
65		9.73	+0.08			
68		9.75	+0.02			Hole bottom
99999.						

TEMPERATURE DEPTH LOG

Δ42 ✓

ΔT Well No. _____ ✓

Property-Project 566

Depth Logged 67m

Map Hostello Canyon Quad Scale 7 1/2' Date: Drilled _____

Logged 9 Jun 77

State Nevada County Elko Section 10 T 39 N R 68 E

Instrument DT-101 Operator R. Bates Elevation 5490 ft.

Comments Ridge Well

COMPUTER PROCESSING

RT JUSTIFY: → → → → *

Proj No				Well No						Date Logged			*						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
002				42						06			CM						

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

Card A } 9

Site Description																																																Operator						Editor					
21	22	23	24	25	26	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																				
RIDGE WELL NEAR HOSTELLO CANYON																																																											

Scale Unit		Map Size		Map Location ^Δ																	
in	cm	(7.5, 15., 60)		N Lat				W Long													
				Degree		Min		Degree		Min											
	CM		7.5	41		30		114		22.5											

Use decimals

Δ 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
10.4										34.8										5490									

Use decimals

Write M if meters

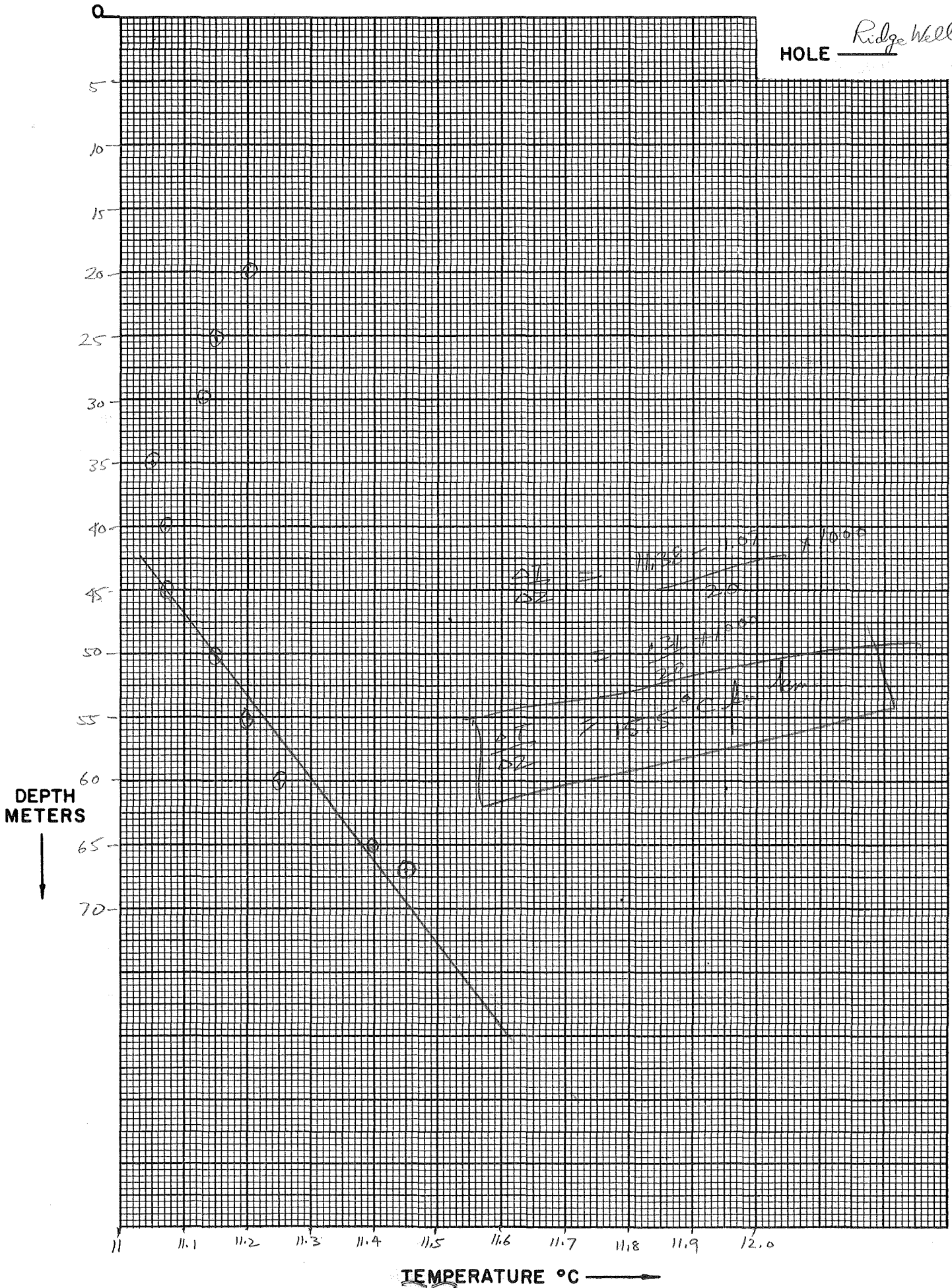
		SEGMENT DEPTH																																									
		Start					End					K					ΔK																										
C	45.0						67.0																																				
D																																											
E																																											
F																																											
G																																											

Continue each card below.

		SEGMENT DEPTH																													
		Start					End					K					ΔK														
C	.999																														
D																															
E																															
F																															
G																															

Final Segment: Start = .999

HOLE Ridge Well



042

of

TEMPERATURE - DEPTH LOG

Location Near Montello, Nev. Date 6-9-77

Map Montello Canyon Quad (7 1/2')

Property T 39N R 68E sec 10

Drill Hole Ridge Well Date Drilled _____ Elevation 5490 ft.

Instrument DT-101 Dig. Thermometer Operator R. Bates

Comments _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
0		19.05				ground surface
5		-				K = 1.5 ± 0.25
10		-				Sandy Alluvium
15		-				
20		11.20	- 0.05			Still in air
25		11.15	- 0.02			In water
30		11.13	- 0.08			
35		11.05	+ 0.02			
40		11.07	+ 0.0			
45		11.07	+ 0.08			
50		11.15	+ 0.05			
55		11.20	+ 0.05			
60		11.25	+ 0.15			
65		11.40	+ 0.05			
67		11.45				Hole bottom
99999.						

TEMPERATURE DEPTH LOG

043

ΔT Well No. WWV-1

Property-Project 566

Depth Logged 32.5m

Map Dunphy (15')

Scale _____ Date: Drilled _____

Logged 6/27/77

State Nevada

County _____

Section SW 5

T 31N R 48E

Instrument DT-101

Operator Batra

Elevation 4760

ft.

Comments _____

COMPUTER PROCESSING

Proj No		Well No		Date Logged			*												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
									43	06									CM

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

Card A
9002

Site Description																				Operator		Editor																	
21	22	23	24	25	26	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
1.5KM N OF RESEARCH CENTER																				Batra		JPM																	

Scale Unit		Map Size		Map Location Δ																										
in. / cm		(7.5, 15., 60)		N Lat		W Long																								
				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					15.0					40.30.0												116.45.0								

Δ 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
19.7					21.4					4760.		F																	

Write M if meters

SEGMENT DEPTH

	Start					End					K		ΔK																	
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
D	10.0					32.5					-3.4		-0.5																	
E																														
F																														
G																														

Continue each card below.

SEGMENT DEPTH

	Start					End					K		ΔK																	
C	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
D	.999																													
E																														
F																														
G																														

Final Segment: Start = .999

37
26
12.8
10.2
2.6

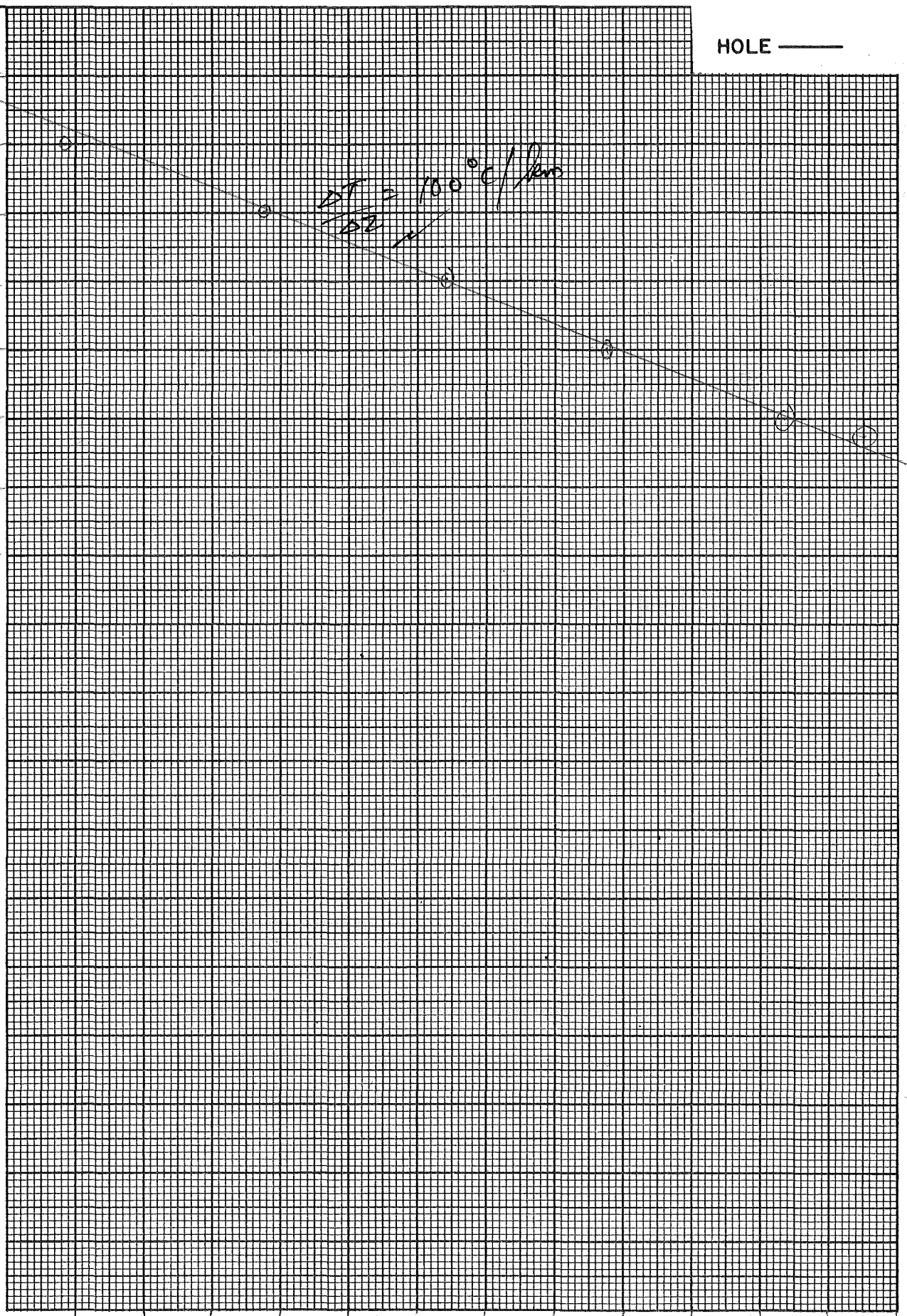
HOLE ———

$\frac{\Delta T}{\Delta Z} = 100^\circ\text{C}/\text{km}$

DEPTH
METERS
↓

10.2 10.4 10.6 10.8 11.0 11.2 11.4 11.6 11.8 12.0 12.2 12.4 12.6 12.8

TEMPERATURE °C →



043

Date Logged: 6/27/77 ΔT Well No. WWV-1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
5							K = 3.4 \pm 0.25
10		10.27				AIR	VOLCANIC SOIL
15		10.95	+0.58	116		H ₂ O	BEDWAVE
20		11.48	+0.53	106			
25		11.75	+0.47	94			
30		12.47	+0.52	104			
32.5		12.70	+0.23	92			
99999.							

K=Conductivity

page _____ of _____

TEMPERATURE DEPTH LOG

Δ44 ✓

ΔT Well No. NWV-2

Property-Project 566

Depth Logged 33.5m

Map Dunphy (15')

Scale _____

Date: Drilled _____

Logged 6/27/77

State Nevada

County _____

Section SW 6

T 31N R 48E

Instrument DT-101

Operator R. Behar

Elevation 4846

ft.

Comments _____

COMPUTER PROCESSING

RT JUSTIFY: 9002

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

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

Site Description																																																Operator				Editor			
21	22	23	24	25	26	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																
2.5 KM																								NW OF GEYSER																								R. Behar				J. M.			

Scale Unit		Map Size		Map Location Δ			
in	cm	(7.5, 15., 60)	N Lat		W Long		
cm	cm	Degree	Min	Degree	Min		
cm	cm	15.0	30.0	116.45.0			

Δ 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
14.9										18.9										224.0									

Write M if meters

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	20.0	33.5	-3.4	-0.5
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

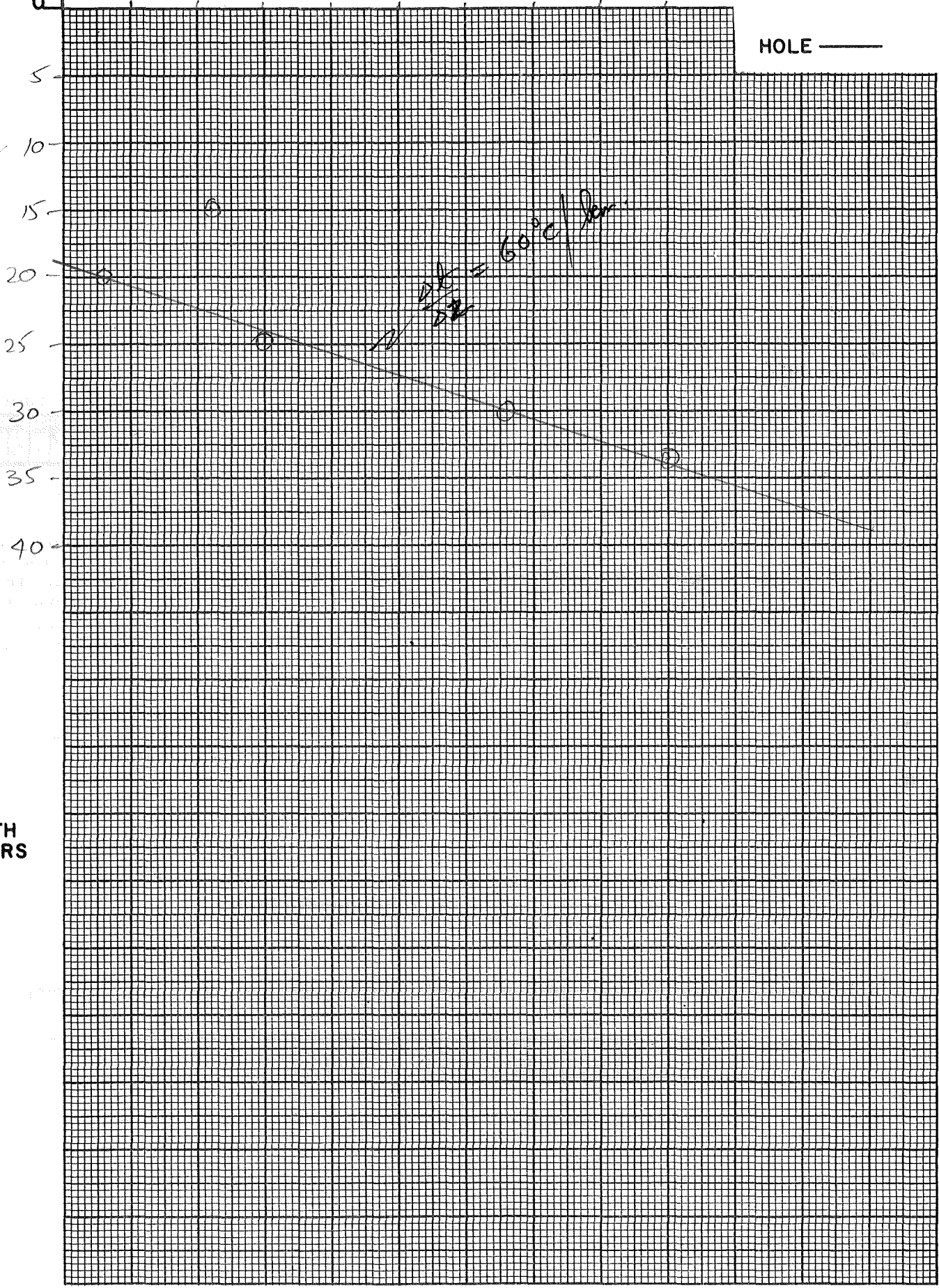
Final Segment: Start = .999

13.9 14.0 14.1 14.2 14.3 14.4 14.5 14.6 14.7 14.8

HOLE ———

15.1
13.9
1.2
20

$\frac{1.2}{20} = 60^{\circ}\text{C}/\text{Per}$



DEPTH METERS
↓

TEMPERATURE °C →

Date Logged: 6/27/77

ΔT Well No. WWV-2

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0							
5							
10						AIR	K=1.0 ± 0.25
15		14.12	-116	-32		H ₂ O	VOL. SOIL
20		13.96					BEDROCK
25		14.20	+24	48			
30		14.56	36	72			
33.5		14.80					Hole bottom
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

246

ΔT Well No. WNV-4

Property-Project 566

Depth Logged _____

Map Dunphy

Scale 15'

Date: Drilled _____

Logged 6/27/77

State Nevada

County _____

Section SENW 18

T 31 N R 48E

Instrument DT-101

Operator R Baker

Elevation 4840

ft.

Comments _____

COMPUTER PROCESSING

RT JUSTIFY: → → → *

Proj No				Well No						Date Logged			*
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	
9	0	0	2					4	6	7	7	7	CM

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

Card A

Site Description																																																								Operator				Editor			
21	22	23	24	25	26	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																								
1.5 KM W OF BLOWAWAY KEYSER																				REYNOLDS																																											

Scale Unit		Map Size		Map Location ^Δ			
in.	cm.	(7.5, 15., 60)	N Lat		W Long		
			Degree	Min	Degree	Min	
cm	cm	15.0	40.	30.	116.	45.0	

Δ 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
10.7										17.2										40.0									

Write M if meters

SEGMENT DEPTH

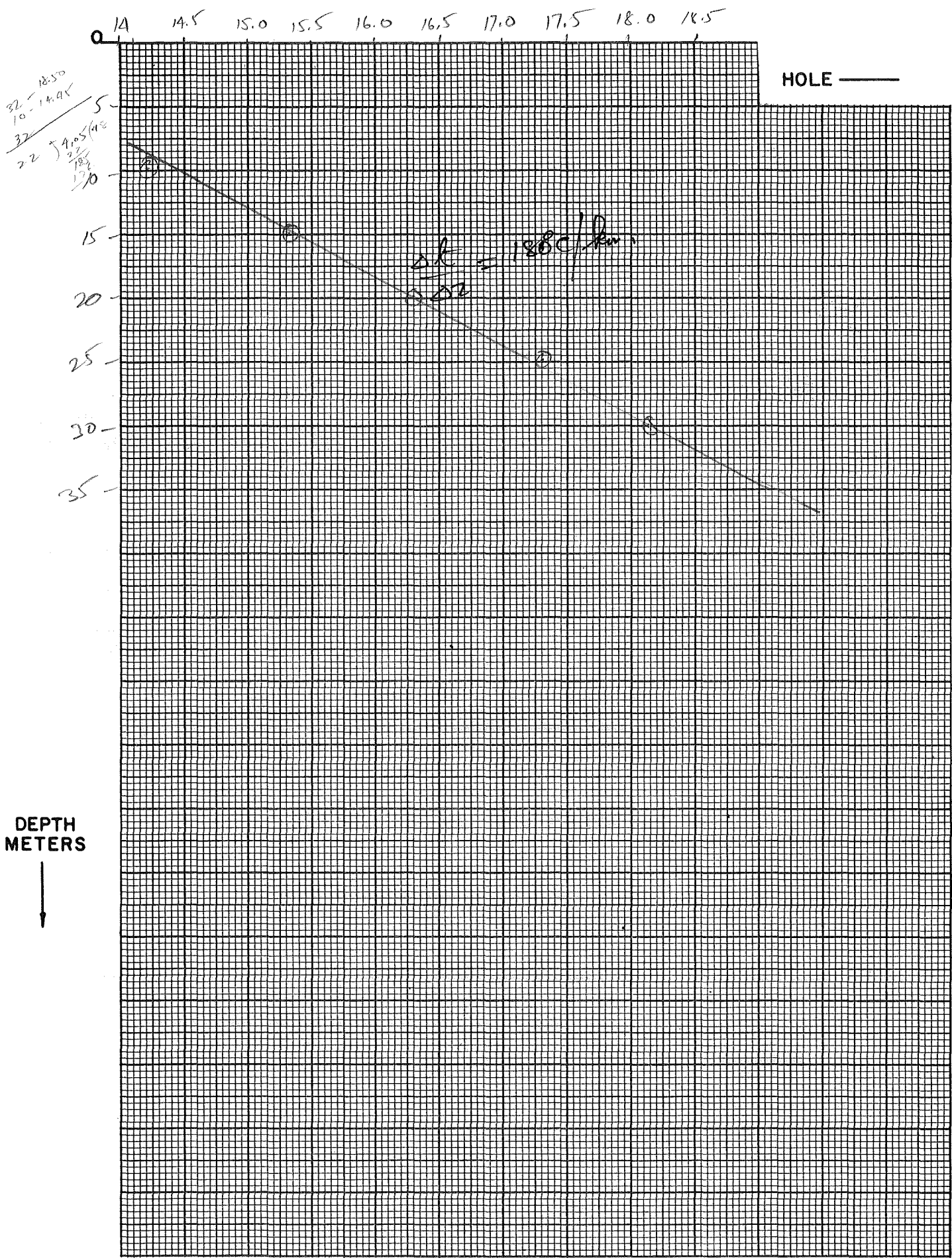
	Start										End										K		ΔK							
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
C	10.0										32.0										-3.4		-0.5							
D																														
E																														
F																														
G																														

Continue each card below.

SEGMENT DEPTH

	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
C	.999																													
D																														
E																														
F																														
G																														

Final Segment: Start = .999



DEPTH
 METERS
 ↓

TEMPERATURE °C ———→

46

Date Logged: 6/21/77

ΔT Well No. WNV-9

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H2O Air	Lithology, etc.
							$K = 3.4 \pm 0.25$
10		14.22				H ₂ O	Unk SOIL
			1.11	228			
15		15.33		192			BEDWAVE
			.96				
20		16.29		202			
			1.01				
25		17.30		168			
			.84				
30		18.14					
32		18.30					
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

047

✓

ΔT Well No. WWV-5

Property-Project 566 Depth Logged _____
 Map Dunphy (15') Scale _____ Date: Drilled _____ Logged 6/27/77
 State Nevada County _____ Section NW NW 19 T 31 N R 48 E
 Instrument DT-101 Operator R. Balice Elevation 4940 ft.
 Comments _____

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

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

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

Site Description																				Operator		Editor																	
21	22	23	24	25	26	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
2	.	5	K	M						S	W																												

Card B

Scale Unit		Map Size		Map Location Δ				N Lat				W Long																	
in	cm	(7.5, 15., 60)	cm	Degree	Min	Degree	Min	Degree	Min	Degree	Min	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		15.					40.	30.						116.	45.													

Use decimals

Δ 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
										18.	95									4940.									F

Use decimals

Write M if meters

SEGMENT DEPTH

	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		
C	15.0										33.0											-3.4										-0.5
D																																
E																																
F																																
G																																

Continue each card below.

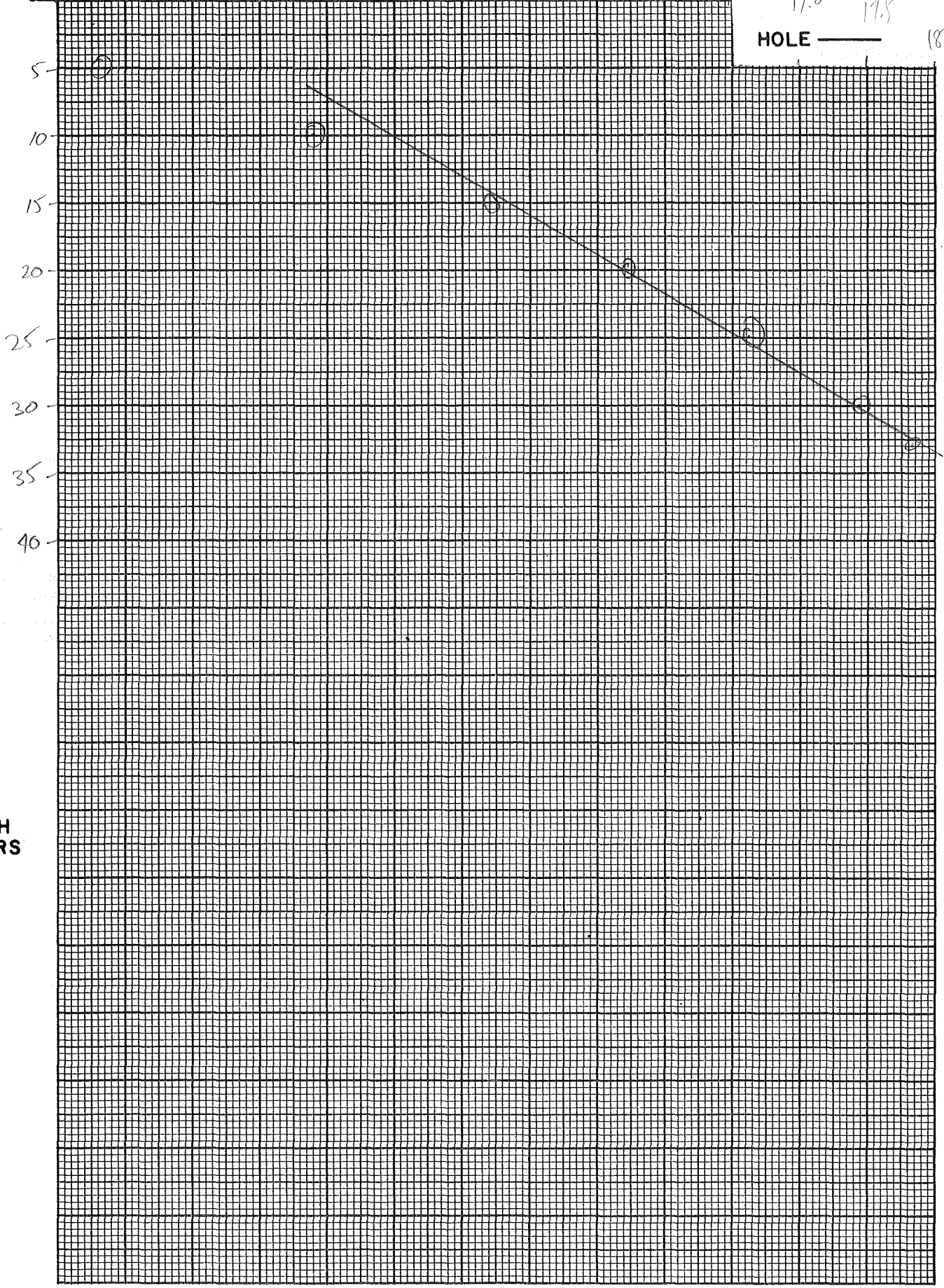
SEGMENT DEPTH

	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		
C	.999																															
D																																
E																																
F																																
G																																

Final Segment: Start = .999

11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0 15.5 16.0 16.5

17.0 17.5 18.0
HOLE ———



$\frac{30}{10} = 3$
 $\frac{10}{20} = 0.5$
 $\frac{17.9}{14.0} = 1.28$
 $\frac{34}{170} = 0.2$

DEPTH METERS



TEMPERATURE °C ———

Date Logged: 0/27/77

047

ΔT Well No. NWV-5

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
5		11.80				1120	K=1 ±0.25
			1.58	316			
10		13.38					Volcanic Soil
			1.34	268			
15		14.72					Bedrock
			1.00	200			
20		15.72					
			0.90	180			
25		16.62					
			.84	168			
30		17.46					
			.37				
33		17.83					
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

048 ✓ ✓

ΔT Well No. 1

Property-Project 566 Depth Logged 48 meters

Map Fenceaker Nev. Scale 1:62500 Date: Drilled — Logged 7/2/77

State Nevada County Pershing Section NW, NW 13 T 25N R 37E

Instrument DT101 Operator BW-FD Elevation 3500 (ft.)

Comments _____

COMPUTER PROCESSING

RT JUSTIFY: {

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

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

Card A {

Site Description																				Operator		Editor																					
21	22	23	24	25	26	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			BW	FD

Card B {

Scale Unit		Map Size		Map Location ^Δ								Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)	
in.	cm.	(7.5, 15, 60)		N Lat		W Long		Degree		Min			
e	M			15	5	40	0	11	8	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	
7	3					3	0	5		3	5	0	0																	F

Use decimals

Write M if meters ←

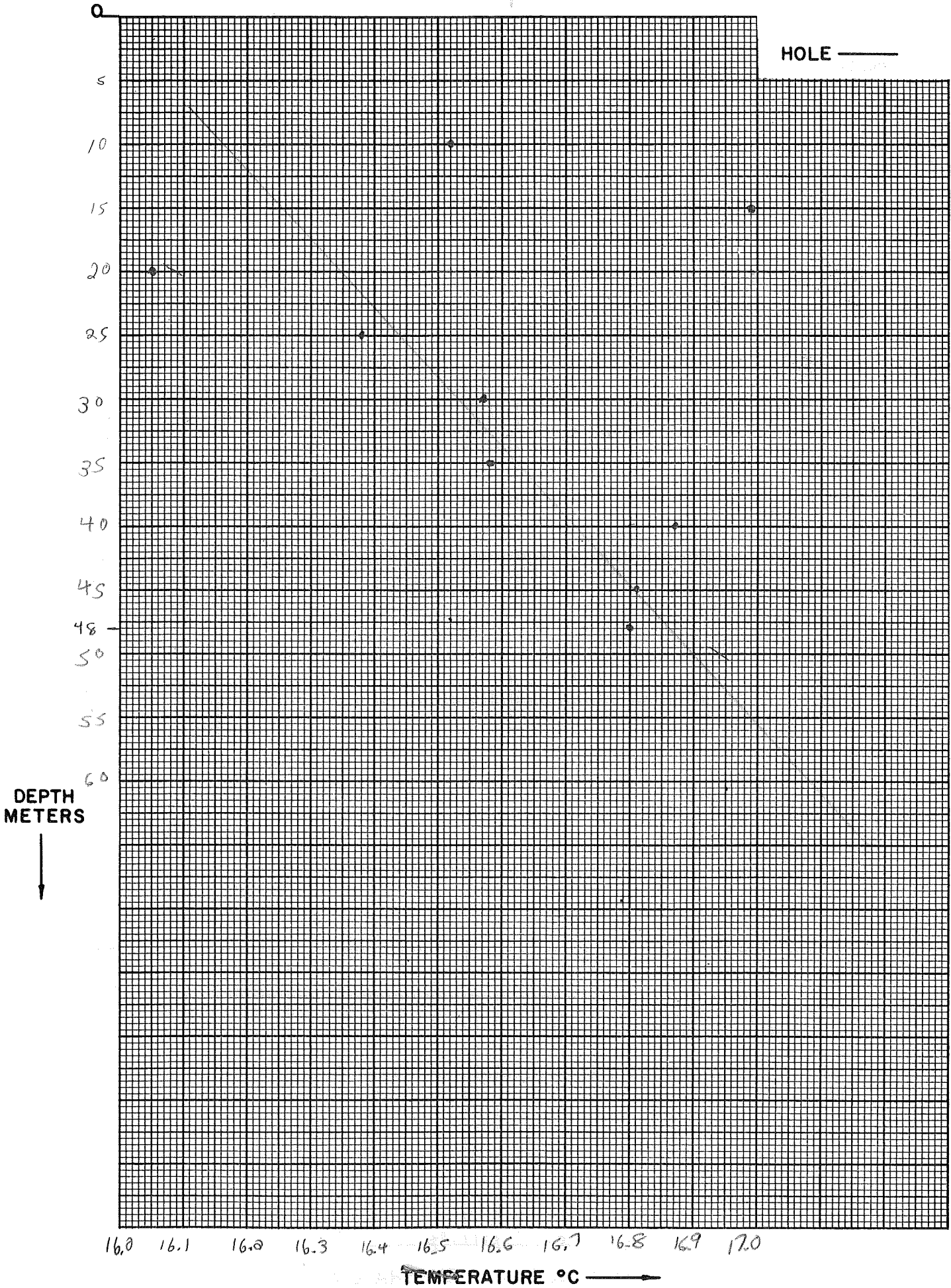
		SEGMENT DEPTH							
		Start		End		K		ΔK	
C		25	0	48	0	-4	0	-0	5
D									
E									
F									
G									

Continue each card below.

		SEGMENT DEPTH							
		Start		End		K		ΔK	
C		.9	9	9					
D									
E									
F									
G									

Final Segment: Start = .999

Gradient $\approx 25^{\circ}\text{C}/\text{km}$



848

Date Logged: 7/2/77

ΔT Well No. 1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		16.52	+47	+94		Air	
15		16.99	-94	-188		Air	$K = 4.0 \pm 0.6$
20		16.05	+45	+90		H2O	Clay Alluvium
25		16.48	+09	+18		"	
30		16.57	+01	+2		"	
35		16.58	+29	58		"	
40		16.87	-06	-12		"	
45		16.81	-01	-2		"	
48		16.80				"	
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

849 ✓

Property-Project 566 ΔT Well No. 2
 Map Humboldt Salt Marsh Scale 1:60500 Date: Drilled — Logged 7/2/77
 State Nevada County Churchill Section SE, NE-6 T 24N R 37E
 Instrument DT101 Operator JD-BW Elevation 3500 (ft.)
 Comments _____

COMPUTER PROCESSING

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		
002				NIV4902						07		77		CM							

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

Card A
9002

Site Description																																													Operator					Editor				
21	22	23	24	25	26	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															
DIXIE VALLEY																																								NR37E					BW/DM									

Map Location ^Δ

Scale Unit	Map Size	N Lat				W Long																							
in	(7.5, 15., 60)	Degree		Min		Degree		Min																					
cm																													
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
em				15.				39.45.0				118.0.0																	

Use decimals

Δ 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
40.40										19.75										3500									

Write M if meters

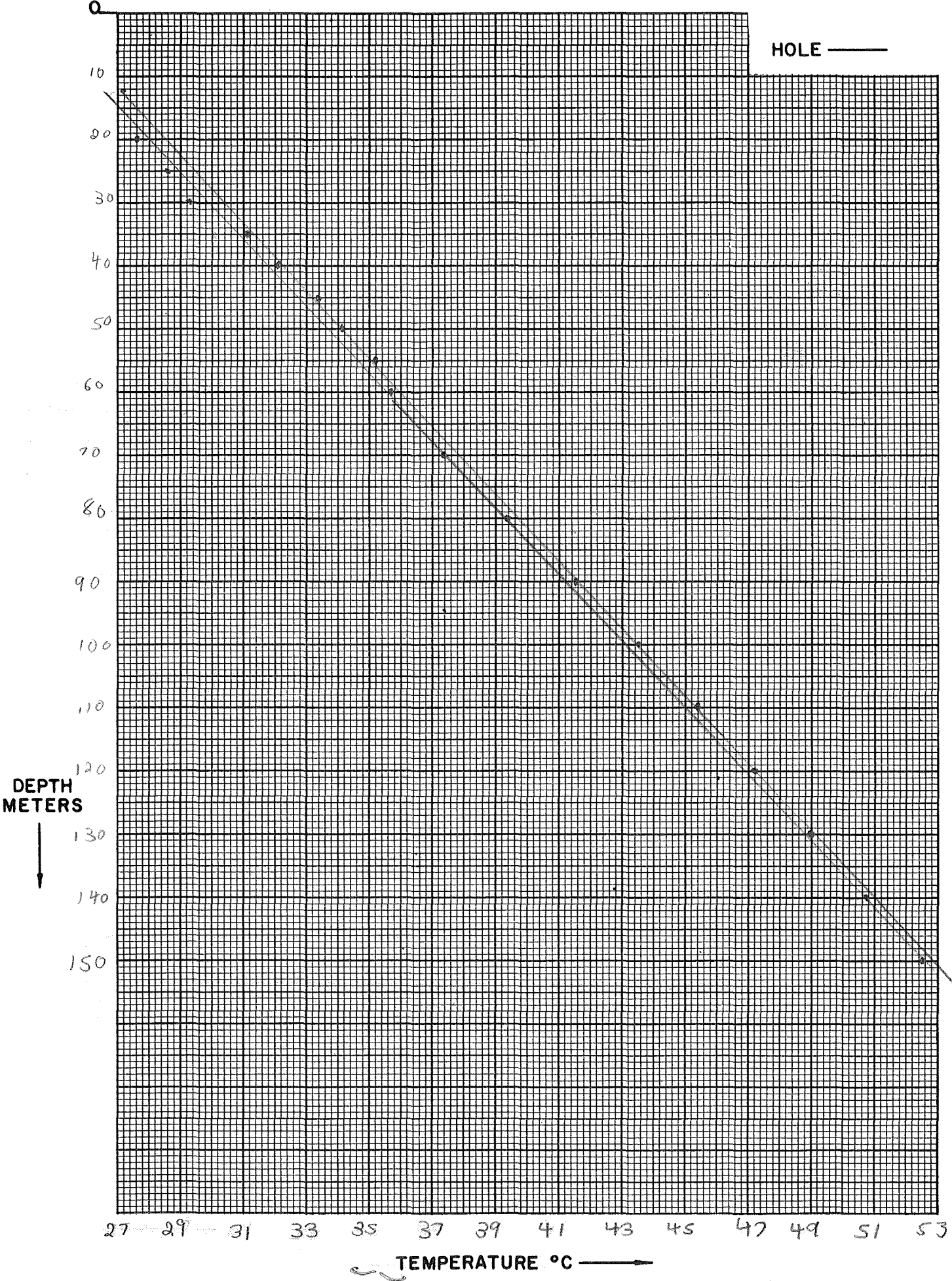
	SEGMENT DEPTH																													
	Start	End	K	ΔK																										
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	35.0				160.0				-5.0				-0.5																	
D																														
E																														
F																														
G																														

Continue each card below.

	SEGMENT DEPTH																													
	Start	End	K	ΔK																										
C	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																													
D																														
E																														
F																														
G																														

Final Segment: Start = .999

$$\frac{50.49 - 37.36}{150 - 70} \times 1000 = \frac{13.13}{80} \times 1000 = 164.13 \text{ } ^\circ\text{C}/\text{km}$$



049

Date Logged: 7/2/77

AT Well No. 2

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
20		27.65	.95	+190		Air	K = 5.0 ± 0.5
25		28.60	.73	146		Air	
30		29.33	1.72	344		H ₂ O	
35		31.05	1.03	206		"	
40		32.08	1.26	252		"	
45		33.34	1.76	352		"	
50		34.10	1.04	208		"	
55		35.14	.58	116		"	
60		35.72	1.64	164		"	
70		37.36	1.98	198			
80		39.34	2.14	214			
90		41.48	2.02	202			
100		43.50	1.90	190			
110		45.40	1.80	180			
120		47.20	1.82	182			
130		49.02	1.73	173			
140		50.75	1.74	174			
150		52.49					
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

Δ50

AT Well No. _____

Property-Project _____ Depth Logged 55 meters

Map Dino Hot Springs Scale 15' Date: Drilled _____ Logged 7/1/22

State Nevada County Churchill Section 2 T 23 N R 35 E

Instrument DC 101 Operator J.T.S. Elevation 3500 ft.

Comments 20" irrigation well

COMPUTER PROCESSING

RT JUSTIFY: → → → *

Proj No				Well No						Date Logged			*						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
				DA	MO			YR											
002				N150						7			22	CM					

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

Card A

Site Description																																																Operator				Editor			
21	22	23	24	25	26	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																
DIXIE VALL																																																J.S.				J.M.			

Scale Unit		Map Size		Map Location ^Δ				W Long			
in.	cm.	(7.5, 15., 60)	Degree	Min	Degree	Min	Degree	Min	Degree	Min	
CM		15.	29.	45.	118.	15.	0	0	0	0	

Δ 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
24.0										34.0										3500									

Use decimals

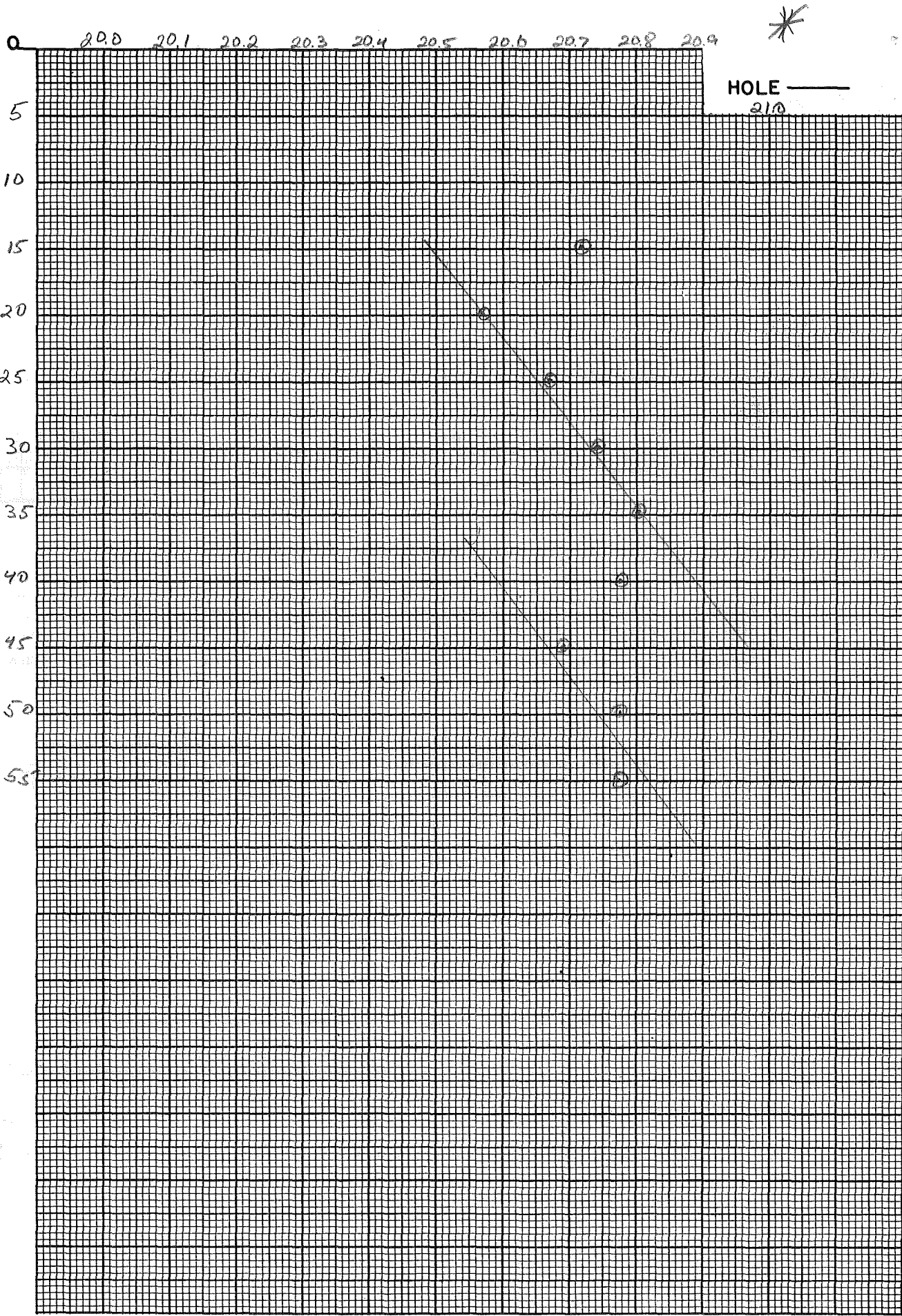
Write M if meters

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	20.0	35.0	-4.0	-0.5
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999



DEPTH
METERS



TEMPERATURE °C



Date Logged: _____

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
5						✓	K = 4.0 ± 0.6
10							
15		20.72					
20		20.57					
25		20.67	.10	20			
30		20.74	.07	14			
35		20.80	.06	12			
40		20.75	-.05	-10			
45		20.69	-.06	-12			
50		20.75	.06	-12			
55		20.75	.00				
99999.							

K=Conductivity

page _____ of _____

TEMPERATURE DEPTH LOG

D52



ΔT Well No. _____

Property-Project _____ Depth Logged _____

Map Numbered Salt Marsh Scale _____ Date: Drilled _____ Logged 6/30/77

State Nevada County Churchill Section _____ T 24N R 36E

Instrument DC 101 Operator JTS Elevation 3600 ft.

Comments drilled by sun oil 1300' deep.

COMPUTER PROCESSING

RT JUSTIFY:	Proj No				Well No					Date Logged			*							
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19
Card A	0	0	0	2	N	I	N	5	2	3	0	6	1	7	7	7	C	M		

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

Site Description																				Operator					Editor																			
21	22	23	24	25	26	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					
S	U	N	O	I	L	Δ	T	O	I	L	Δ	T	O	I	L	Δ	T	O	I	L	V	T	2	4	N	R	3	6	J	T	S	/	J	M										

Scale Unit		Map Size		Map Location ^Δ				W Long			
in	cm	(7.5, 15, 60)	Degree	Min	Degree	Min	Degree	Min	Degree	Min	
cm		15	39	43	18	00	0				

Use decimals

Δ 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
																				3600									

Use decimals

Write M if meters

	SEGMENT DEPTH																																
	Start										End										K		ΔK										
C	20.0									60.0																					-4.0		-0.5
D																																	
E																																	
F																																	
G																																	

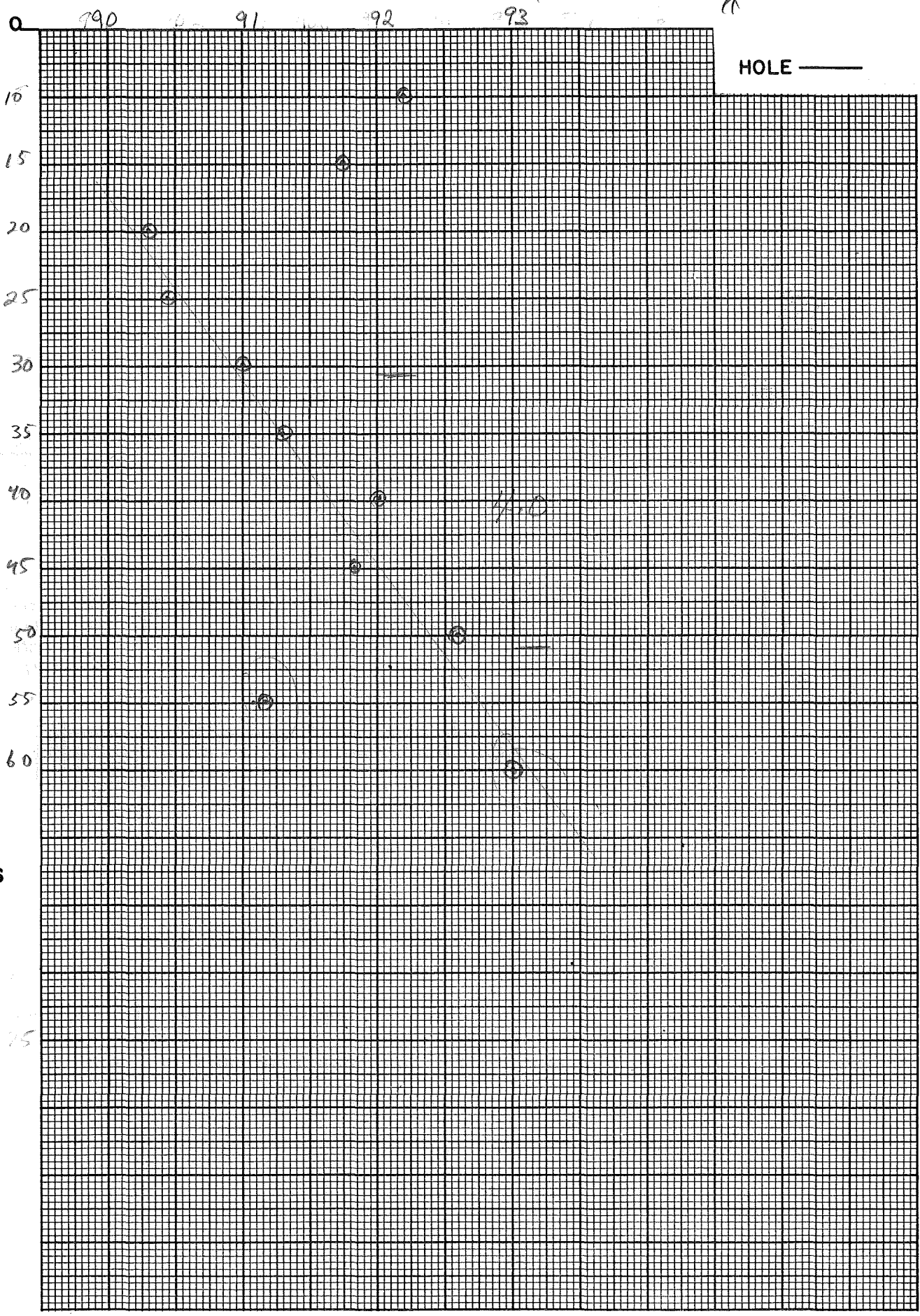
Continue each card below.

	SEGMENT DEPTH																															
	Start										End										K		ΔK									
C	.999																															
D																																
E																																
F																																
G																																

Final Segment: Start = .999

$\approx 72^{\circ}\text{C}/\text{km}$

*



Date Logged: 6/30/77

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0		58.30					} unstable
5							
10		92.20					
15		91.75					
20		90.30					
25		90.44					2.0 K = 4.0 ± 0.25
30		91.00					Gabbroic Pediment
35		91.30					GRAVEL
40		92.05					
45		91.85					
50		92.60					
55		91.19					unstable
60		93.00					
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

053

Buffalo Valley Well

Property-Project 566 Depth Logged 75m
 Map Cherry Creek NE (7 1/2') Scale cm Date: Drilled _____ Logged 7/3/77
 State Nevada County Humboldt Section SW 1/4 SW 1/4 32 T 33 N R 42 E
 Instrument DT-101 Operator Rhabe Elevation 4930 ft.
 Comments _____

COMPUTER PROCESSING

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	*																			
9002										53										77										CM									

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

Site Description																																																Operator						Editor					
21	22	23	24	25	26	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																				
BUFFALO V. SECT. SW 1/4 SW 1/4 32 T 33 N R 42 E																																																RHABE						/					

Card B

Scale Unit		Map Size		Map Location Δ				N Lat				W Long																	
in	cm	(7.5, 15.60)	cm	Degree		Min		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		40				37		117				22		5													

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
27.4						33.4						4930																	

Use decimals

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

Write M if meters

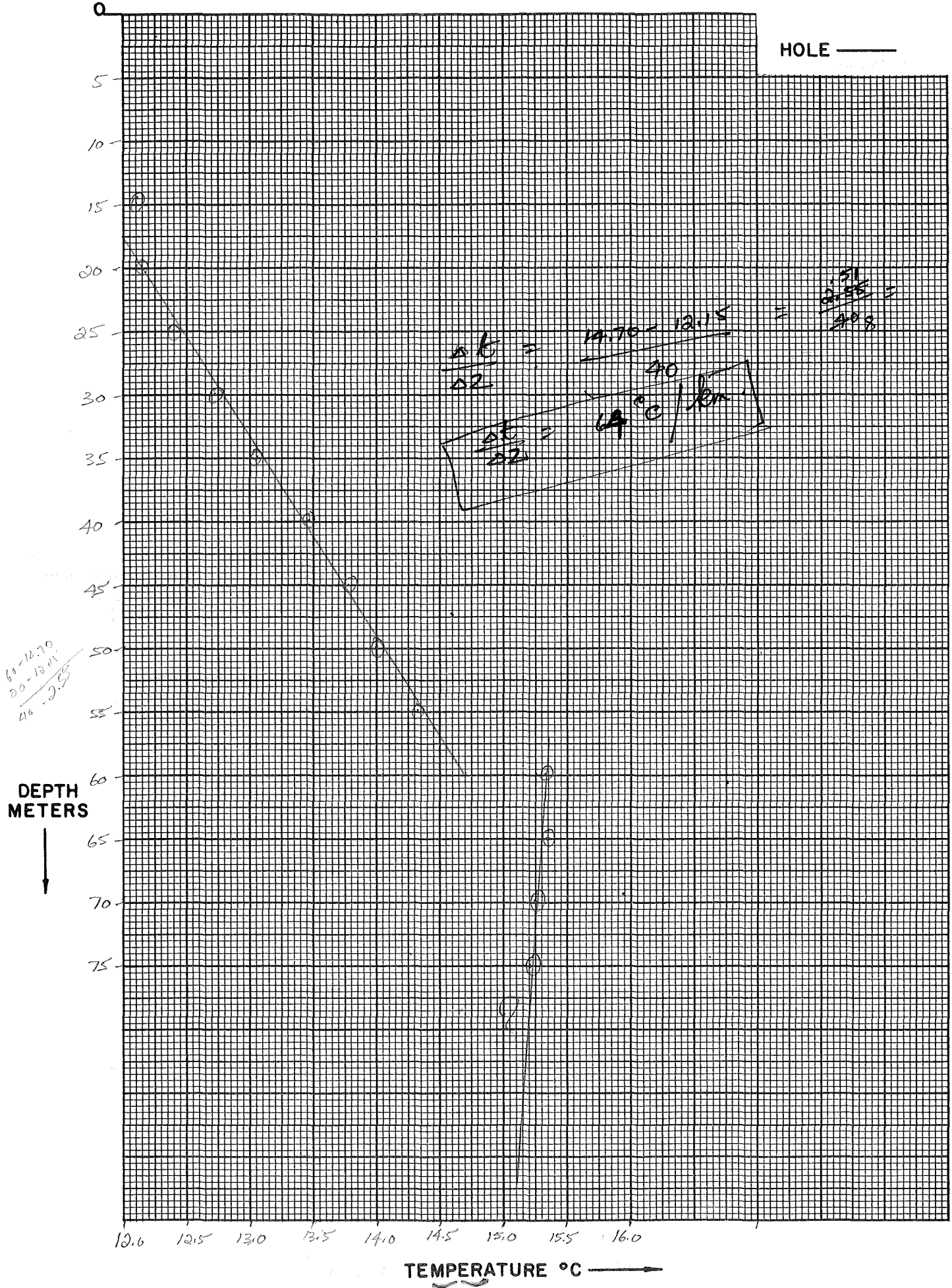
	SEGMENT DEPTH				K	Δ K
	Start	End	End	End		
C	20.0	65.0	-4.0	-0.5		
D						
E						
F						
G						

Continue each card below.

	SEGMENT DEPTH				K	Δ K
	Start	End	End	End		
C	.999					
D						
E						
F						
G						

Final Segment: Start = .999

HOLE ———



Δ 53

Date Logged: 7/3/77

ΔT Well No. Buffalo Valley Well

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
5		-					
10		-					K = 1.5 ± 0.25
15		12.1				Air	
20		12.15	+0.05	10		H ₂ O	
25		12.40	+0.25	50		"	
30		12.72	+0.32	64			
35		13.05	+0.33	66			
40		13.46	+0.41	82			
45		13.78	+0.32	64			
50		14.00	+0.22	44			
55		14.33	+0.33	66			
60		15.38	1.00	200			
65		15.35	+0.02	4			
70		15.25	-0.10	-20			
75		15.20	-0.05	-10			
99999.							

K=Conductivity

page _____ of _____

TEMPERATURE DEPTH LOG

Δ 55 ✓

ΔT Well No. M1

Property-Project 566

Depth Logged 70 m

Map Mt. Moses

Scale 15'

Date: Drilled ?

Logged 7/1/77

State Nevada

County Perching

Section SWSE 4 T 27N R 40E

Instrument DT-101

Operator Dallen Masterson

Elevation 4600

ft.

Comments 4 1/2" steel cased pipe - 3 other 5 1/2" steel pipes are also at the site, but didn't hit H₂O so were not probed

COMPUTER PROCESSING

RT JUSTIFY: → → → → → *

Proj No				Well No						Date Logged			*
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	
0	0	0	2	1	1	5	5	0	1	0	7	7	C

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

Card A

9002

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
MOBILE DRILL SITE SACS, 4 AND 9																																																		DM					DM				

Card B

Map Location ^Δ

Scale Unit		Map Size		N Lat		W Long	
in	cm	(7.5, 15, 60)	cm	Degree	Min	Degree	Min
cm		15		40	0	117	30

Δ 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
41.8										2.5										4600									

Write M if meters

Use decimals

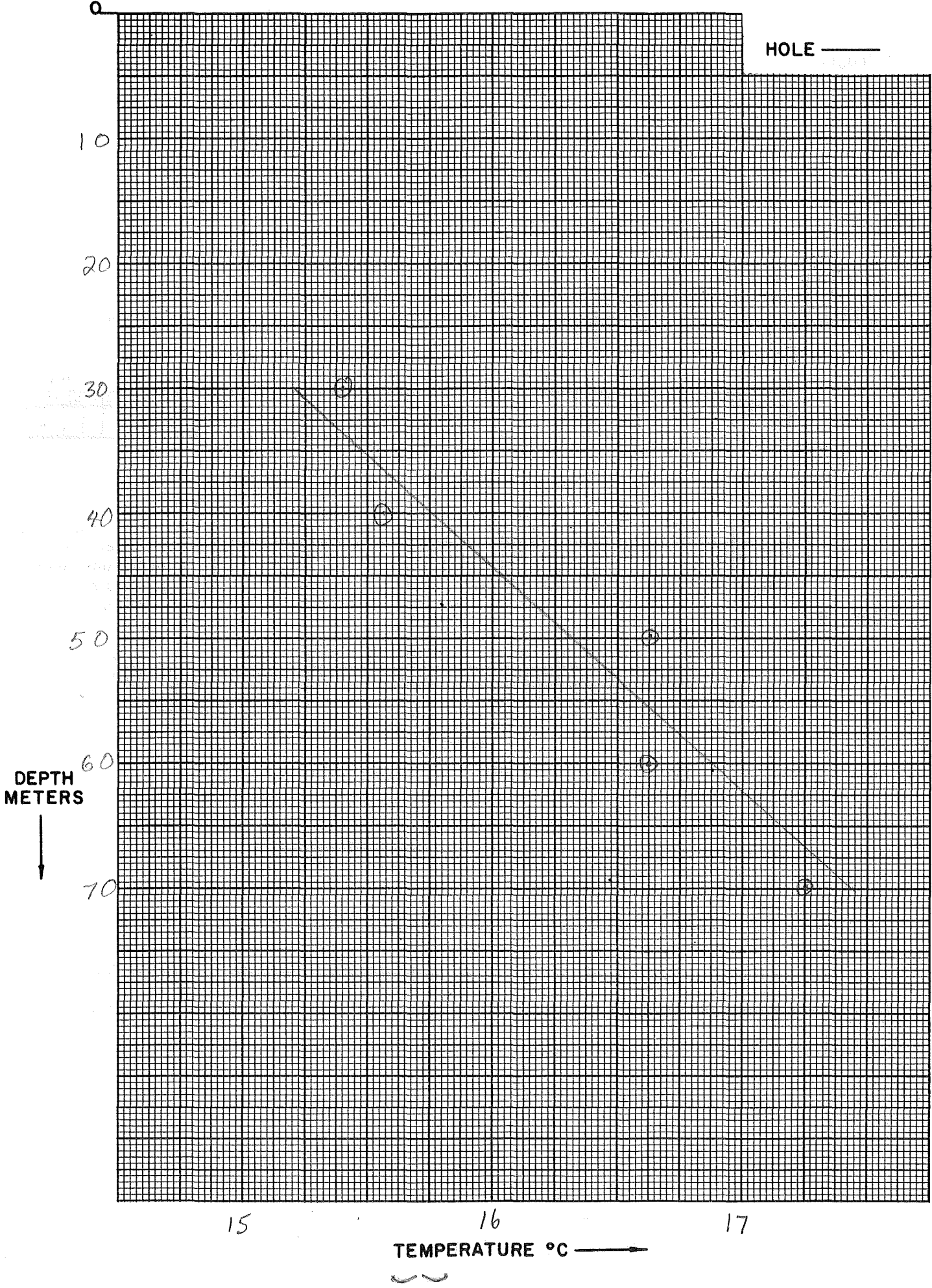
	SEGMENT DEPTH										K	ΔK	
	Start	End											
C	30.0										70.0	-6.0	-0.5
D													
E													
F													
G													

Continue each card below.

	SEGMENT DEPTH										K	ΔK
	Start	End										
C	.999											
D												
E												
F												
G												

Final Segment: Start = .999

$$\frac{17.16^{\circ} - 15.2^{\circ}}{.04 \text{ Km}} = 49 \text{ }^{\circ}\text{C}/\text{km}$$



Date Logged: 7/1

ΔT Well No. M1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10							<i>drifting</i>
20							"
30		15.4					"
40		15.57	.17	17			
50		16.63	1.06	10.60		H ₂ O	
60		17.05	.42	4.2			
70		17.25	.2	2.0			<i>bottom</i>
99999.							
							$K = 6.0 \pm 0.5$
							<i>fine grained tuff</i>

K=Conductivity

TEMPERATURE DEPTH LOG

326°C/Km △ 58 ✓

ΔT Well No. NE 31

Property-Project Leach Hot Springs Depth Logged 33 meters

Map Leach Hot Springs Scale 1:62500 Date: Drilled — Logged 7/12/77

State Nevada County Pershing Section 36 T 32N R 38E

Instrument DT-101 Operator J.T. Senftle Elevation 4620 ft.

Comments Gov't Drill Hole

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

Proj No				Well No				Date Logged			*								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
								DA	MO	YR	*								
0	0	0	2					5	8	7	7								C
9002																			

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

Site Description																																																Operator				Editor			
21	22	23	24	25	26	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																
Δ	E	A	C	H																																																			

Card B

Scale Unit		Map Size		Map Location ^Δ				Map Location ^Δ			
in	cm	(7.5, 15., 60)	cm	N Lat		W Long		Degree		Min	
	cm		15.	36.	00.	117.	45.				

Use decimals

Δ 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
					19.												13.	5											F

Use decimals

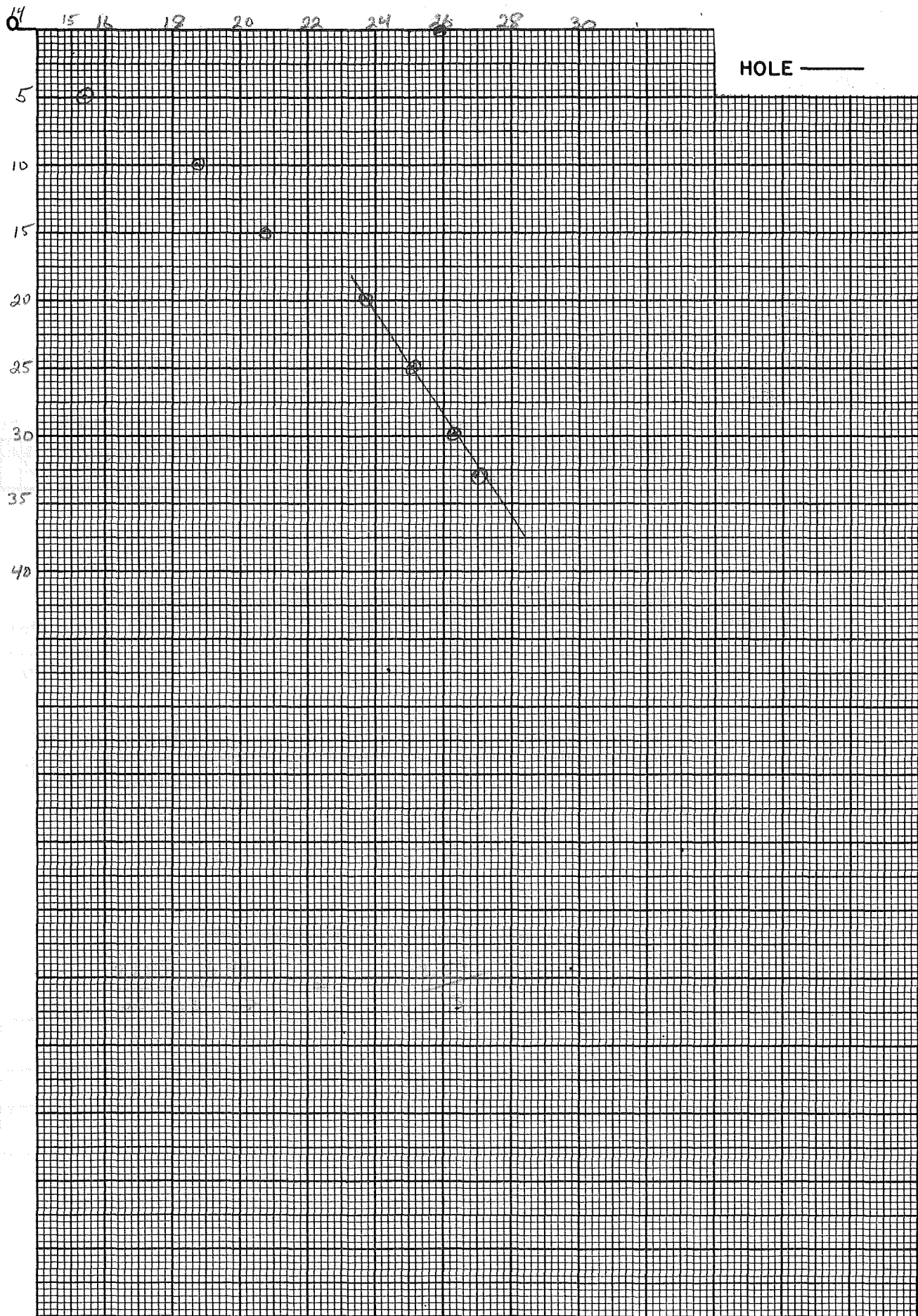
Write M if meters

	SEGMENT DEPTH										K	ΔK												
	Start	21	22	23	24	25	26	27	28	29			30	End	31	32	33	34	35	36	37	38	39	40
C	20.										33.												-3.5	-0.5
D																								
E																								
F																								
G																								

Continue each card below.

	SEGMENT DEPTH										K	ΔK											
	Start	51	52	53	54	55	56	57	58	59			60	End	61	62	63	64	65	66	67	68	69
C	.999																						
D																							
E																							
F																							
G																							

Final Segment: Start = .999



DEPTH METERS



$$\frac{26.11 - 22.85}{30 - 20} = \frac{3.26}{10} = 0.326 \times 1000 = 326 \text{ } ^\circ\text{C} / \text{km} \text{ TEMPERATURE } ^\circ\text{C}$$

258

Date Logged: 7/12/77

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0		25.84					
5		15.40	-10.44				K = 35 ± 0.5
10		18.68	3.28				
15		20.69	2.01				
20		22.85	2.16				
25		24.55	1.70				
30		26.11	1.56				
33		26.44	.33				
99999.							
15							

K=Conductivity

TEMPERATURE DEPTH LOG

059 20500/km ✓✓

ΔT Well No. DH-6

Property-Project Leach Hot Springs DH-6 Depth Logged 44 meters

Map Leach Hot Springs Scale 1/2500 Date: Drilled Nov, 1973 Logged 2/12/77

State Nevada County Pershing Section 16 T 31N R 38E

Instrument _____ Operator _____ Elevation 4700 ft.

Comments NE SEC 1 DH-6 USGS

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

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

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

Site Description																																																Operator				Editor			
21	22	23	24	25	26	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																
LEACH HS 9 METER THERMOCOPY																																																							

Card B

Scale Unit		Map Size		Map Location Δ				W Long					
in	cm	(7.5, 15, 60)	cm	N Lat		Degree		Min		Degree		Min	
	cm		15	40	30	0	117	45	0				

Δ 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	
16.5						13.6						700				F														

Write M if meters

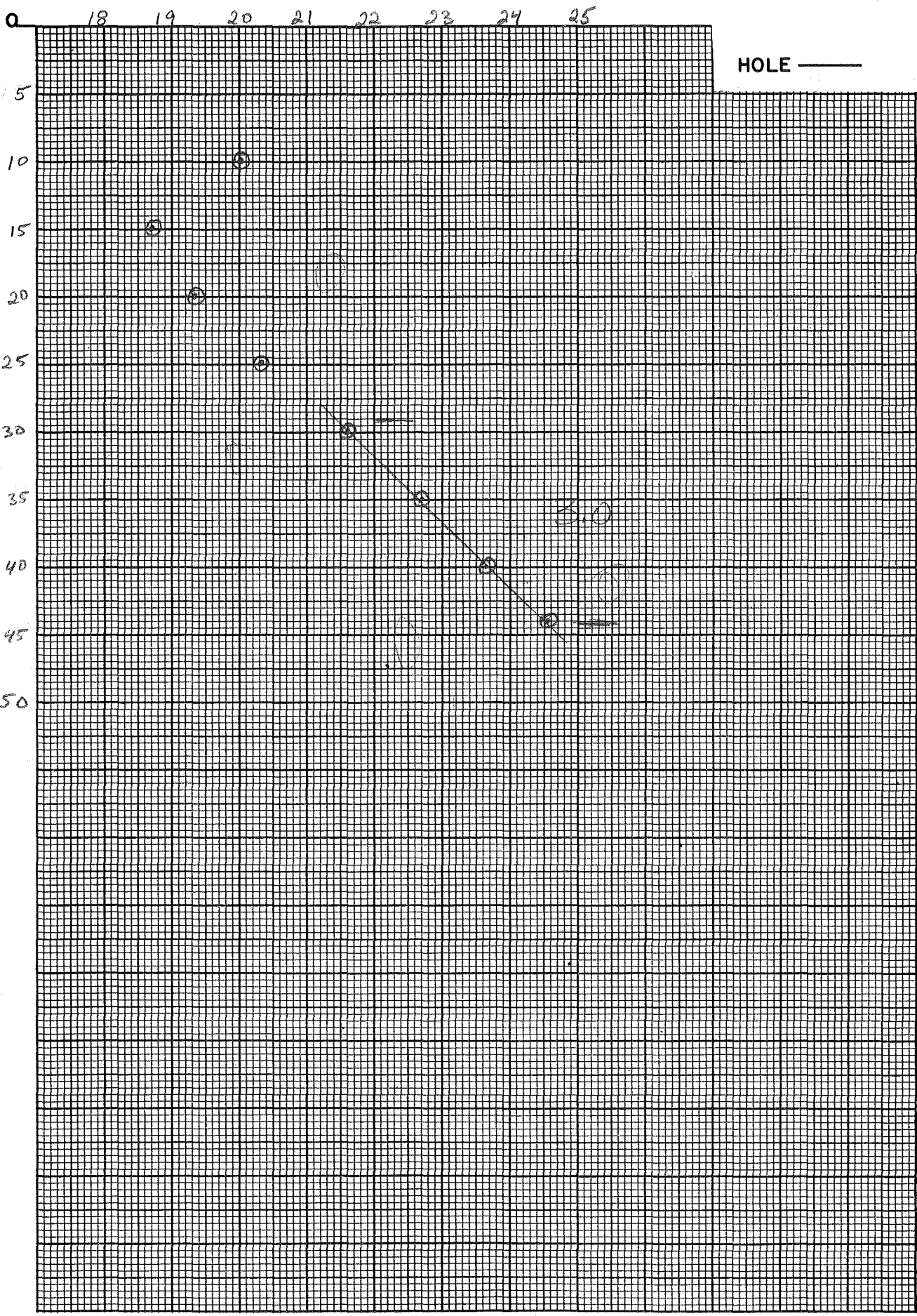
Use decimals

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	20.0	44.0	-3.5	-0.6
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999



$$\frac{23.65 - 21.60}{40 - 30} = \frac{2.05}{10} = .205 \times 1000 = 205^\circ\text{C}/\text{km}$$

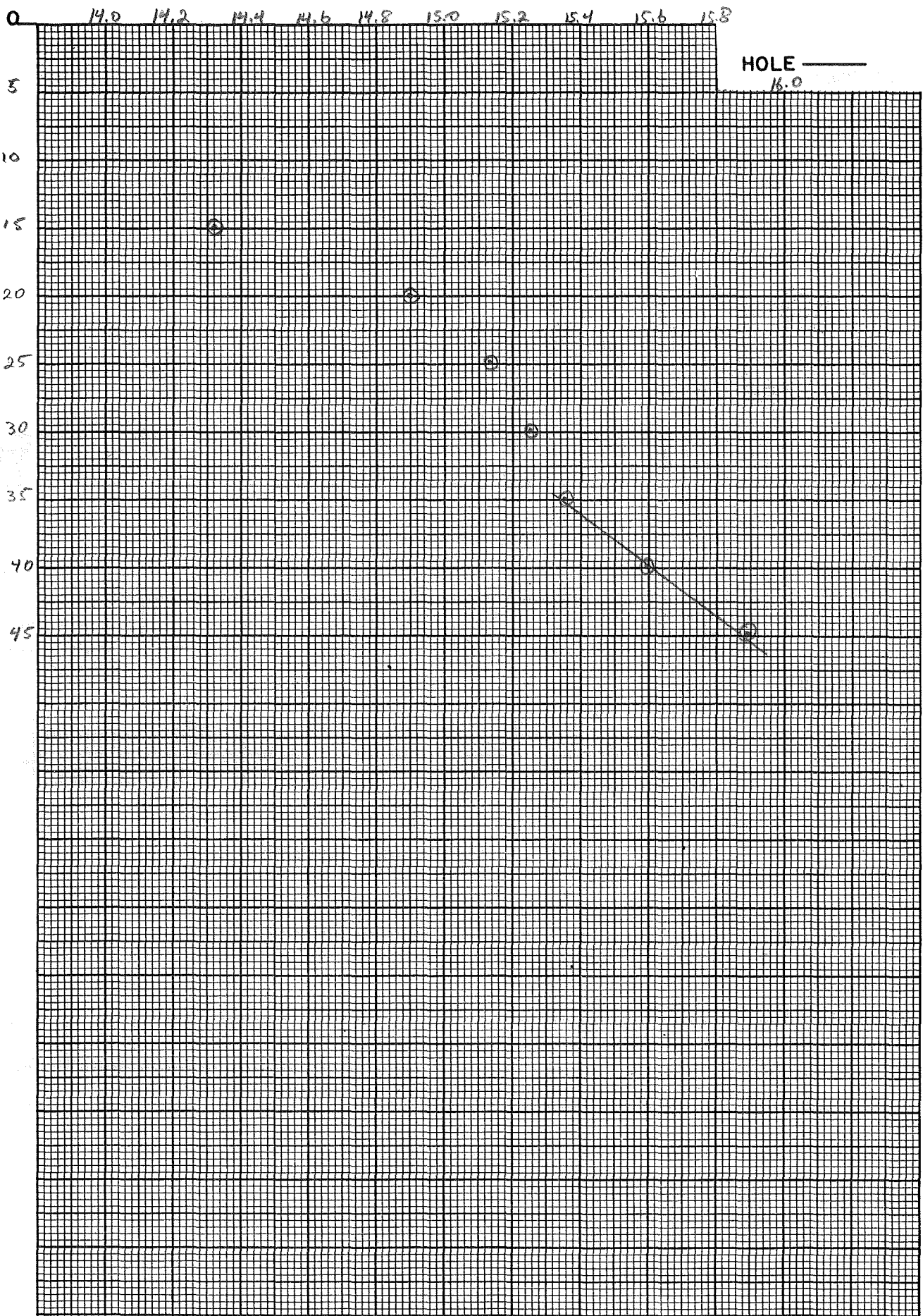
TEMPERATURE °C ———

Date Logged: 7/12/77

AT Well No. DH-6

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		20.00	-1.3				unstable
15		19.70	-.61				K=
20		19.31	1.0			✓	3.5 ± 0.5
25		20.31	1.29				
30		21.60	1.1				
35		22.70	.95				
40		23.65	.86				
44		24.51					
99999.							

K=Conductivity



$$\frac{15.89 - 15.35}{45 - 35} = \frac{.54}{10} = .054 \times 1000 = 54^{\circ}\text{C}/\text{km}$$

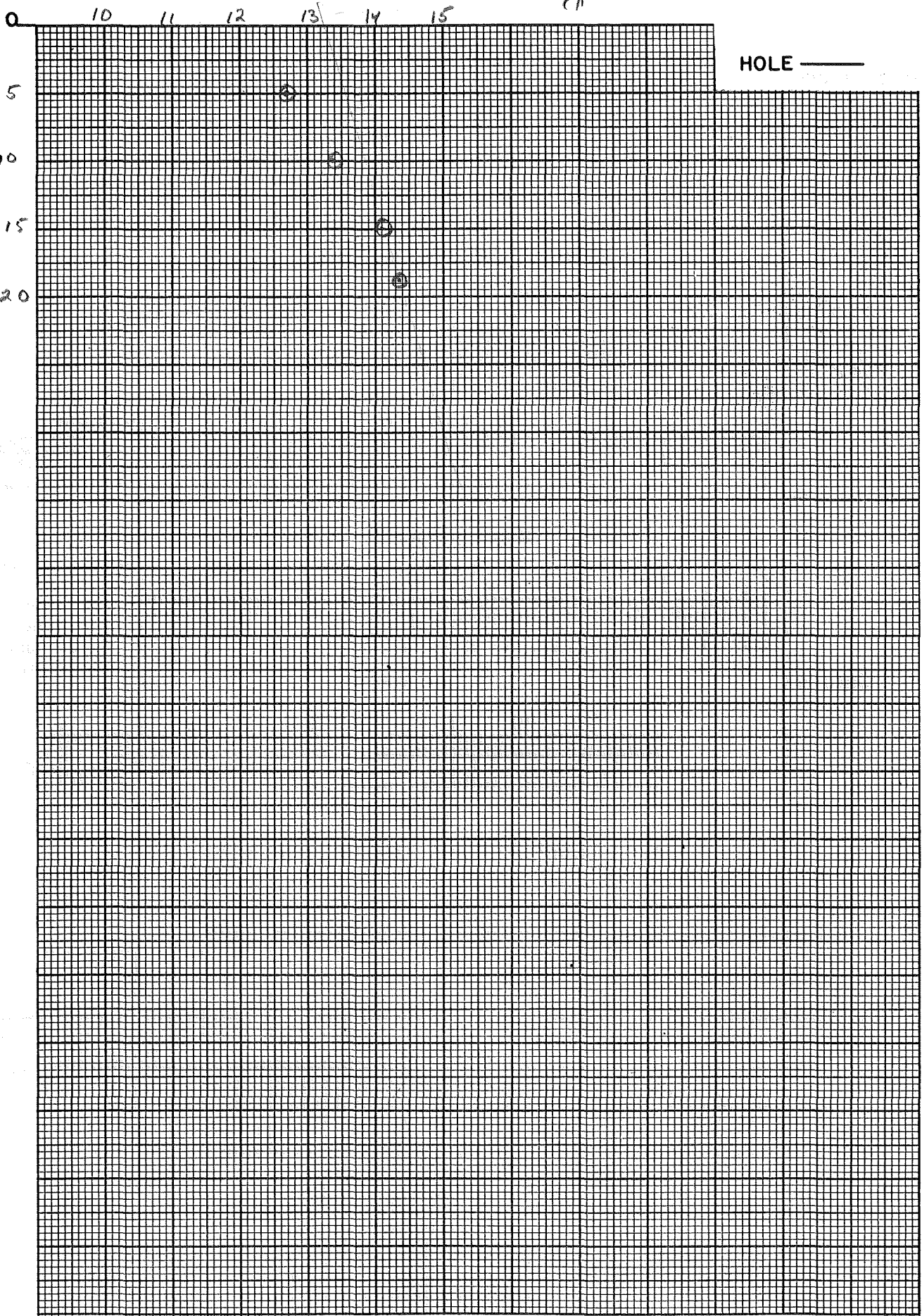
Δ60

Date Logged: 7/12/77

ΔT Well No. PH-1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		23.8					
			-9.48				
15		14.32					
			.58				
20		14.90					K = 3.5 ± 0.25
			.23				
25		15.13					
			.12				
30		15.25					
			.10				
35		15.35					
			.15				
40		15.60					
			.29				
45		15.89					
99999.							

K=Conductivity



DEPTH
METERS



TEMPERATURE °C →



HOLE ———

061

Date Logged: 7/12/77

ΔT Well No. SE 15

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0		38.05				✓	
5		12.70					
10		13.40					K = 3.5 ± 0.5
15		14.10					
17.6		14.32					
99999							

K=Conductivity

TEMPERATURE DEPTH LOG

△ 62 34°/km ✓

ΔT Well No. SW 22

Property-Project SW Sec. 22 Depth Logged 105 meters

Map Leach Hot Spring Scale 1:6200 Date: Drilled _____ Logged 7/12/77

State Nevada County Pershing Section 22 T 31N R 38E

Instrument DT 101 Operator JTS Elevation 5000 ft.

Comments SW Sec. 22

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No				Well No				Date Logged			*
1	2	3	4	5	6	7	8	DA	MO	YR	*
9	0	0	2	N	1	1	6	2	2	7	CM

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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	JTS	JTS	JTS	JTS	JTS															

Card B

Scale Unit		Map Size		Map Location Δ				W Long						
in	cm	(7.5, 15., 60)	cm	N Lat		Degree		Min		Degree		Min		
EM		15		42	30	2	11	7	45	0				

Use decimals

Northing										Easting										Elev										
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
									7	8										7	8	50	00							F

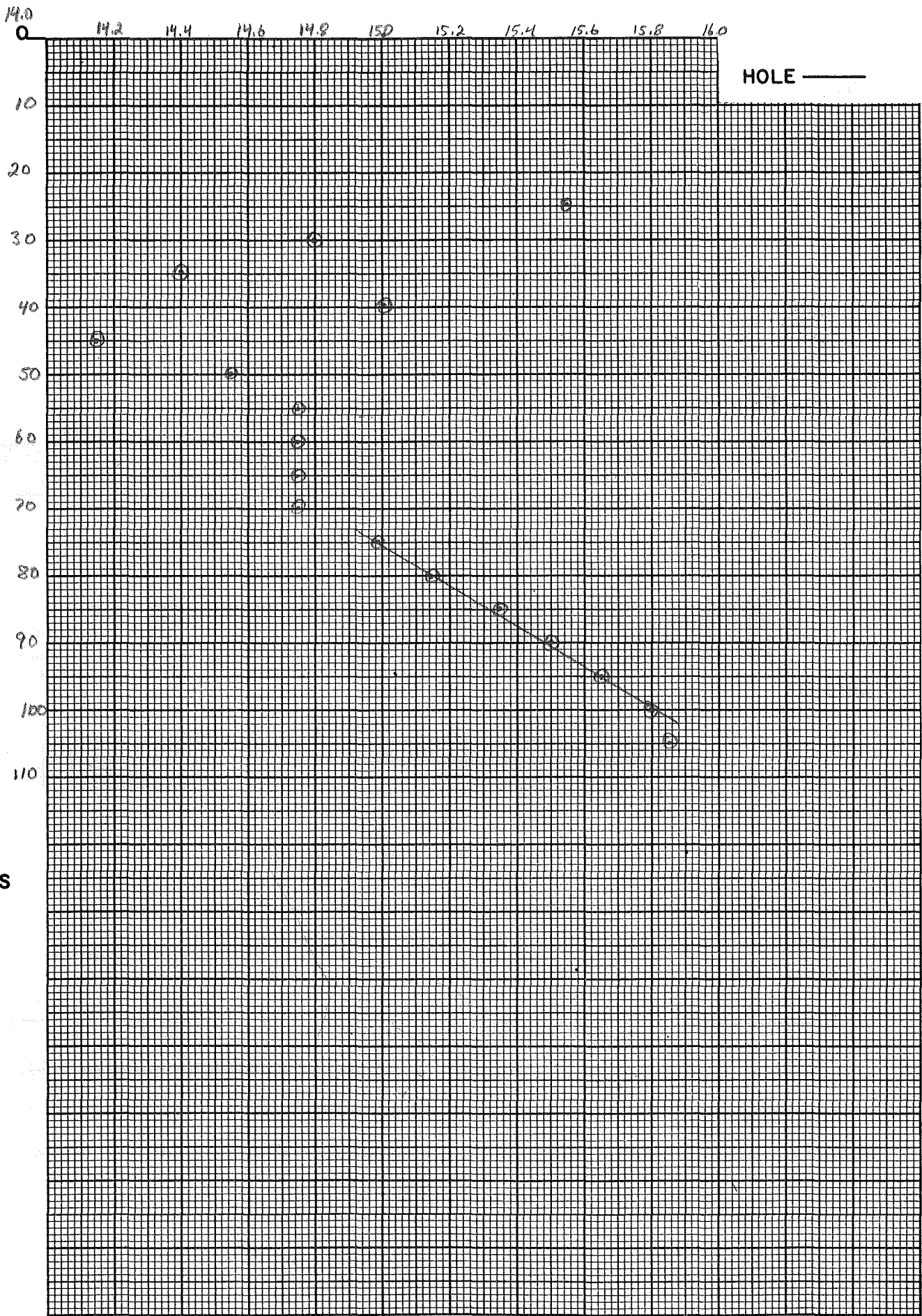
Write M if meters

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	75.0	105.0	-4.0	-0.5
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999



$$\frac{15.8 - 14.95}{100 - 75} = \frac{0.85}{25} = .034 \times 1000 = 34^{\circ}\text{C}/\text{km}$$

TEMPERATURE °C

Δ63

Date Logged: 7/12/77

ΔT Well No. SW22

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
20		18.05					K = 4.0 ± 0.5
25		15.55					
30		14.80					
35		14.40					
40		15.07					
45		14.15					
50		14.55					
55		14.75					
60		14.75					
65		14.75					
70		14.75					
75		14.95					
80		15.15				H ₂ O	
85		15.35					
90		15.50					
95		15.65					
100		15.80					
105		15.85					
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

063 * ✓

Property-Project NW12 Leach Hot Springs Depth Logged 18 meters
 Map Leach H.S. Scale 1:62500 Date: Drilled _____ Logged 7/13/77
 State Nevada County Pershing Section 12 T 31N R 38E
 Instrument DT 101 Operator JTS, B.W. Elevation 4600 ft.
 Comments NW sec 12 PVC pipe

COMPUTER PROCESSING

RT JUSTIFY: 9

Proj No										Well No										Date Logged			*
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	DA	MO	YR	*
4	0	0	2							6	3									7	13	77	CM

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
L	E	A	C	H	H	S																								B	W																												

Card B

Scale Unit		Map Size		Map Location Δ		N Lat		W Long	
in	cm	(7.5, 15, 60)		Degree	Min	Degree	Min	Degree	Min
CM		15		42	30	117	45		

Δ 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	.	6						

Use decimals

Write M if meters

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	5.0	18.0	-3.0	-0.5
D				
E				
F				
G				

Continue each card below.

	SEGMENT DEPTH		K	ΔK
	Start	End		
C	.999			
D				
E				
F				
G				

Final Segment: Start = .999

0 10.0 10.2 10.4 10.6 10.8 11.0 11.2 11.4 11.6

HOLE ———

5

10

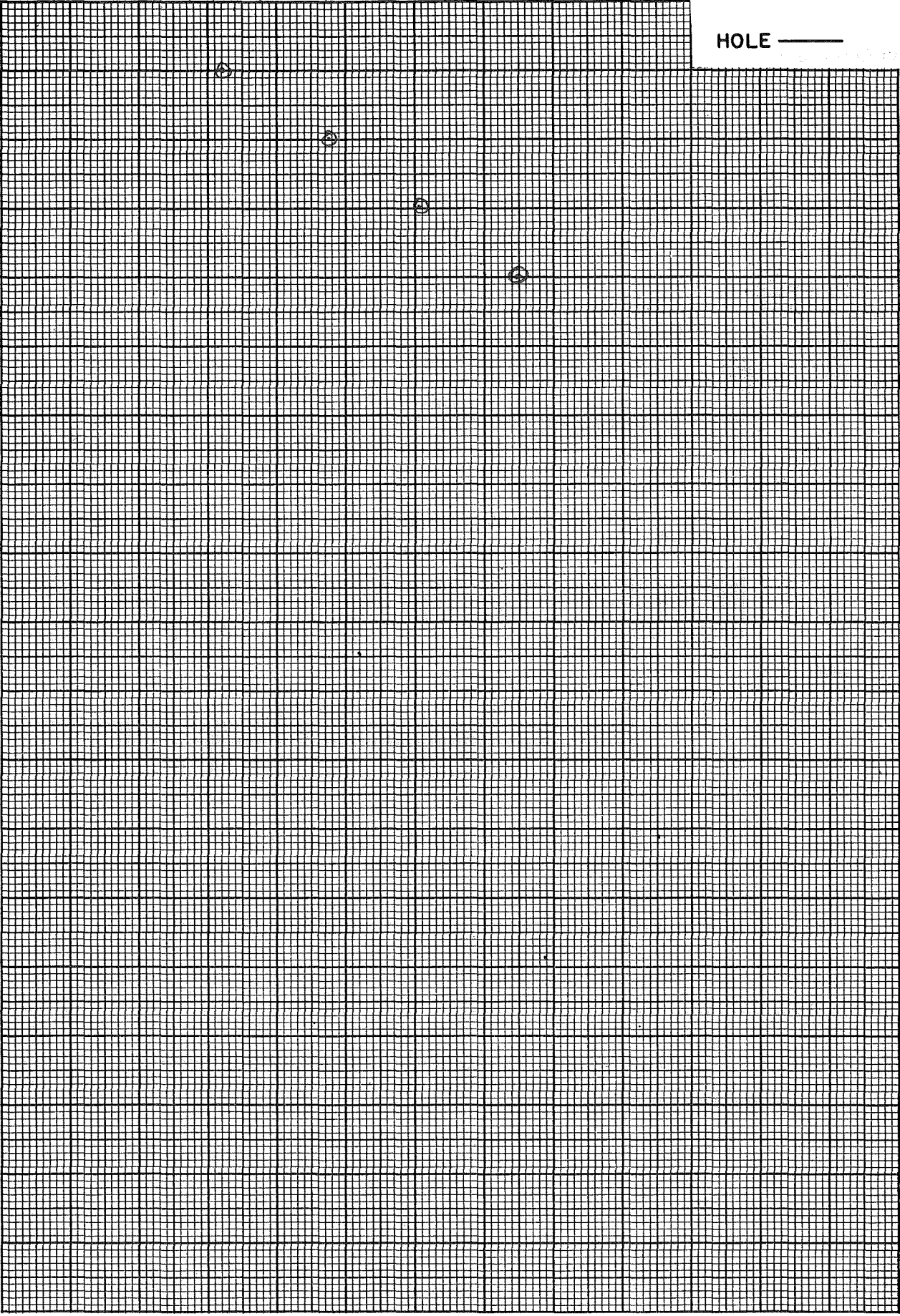
15

20

DEPTH
METERS



TEMPERATURE °C ———>



064 *

TEMPERATURE DEPTH LOG

AT Well No. _____

Property-Project NW 23 Depth Logged 18 meters

Map Leach H.S. Scale 1:62500 Date: Drilled _____ Logged 7/13

State Nev. County Pershing Section NW 23 T 31N R 38E

Instrument DT101 Operator JTS, BW Elevation 4820 ft.

Comments PVC Pipe

COMPUTER PROCESSING

RT JUSTIFY:	Proj No				Well No				Date Logged			*				
	1	2	3	4	5	6	7	8	9	10	11		12	13	DA	MO
Card A	9	0	0	2					6	4	7	1	3			

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

Site Description																																																		Operator				Editor	
21	22	23	24	25	26	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																
LEACH H.S. GRASS VALLEY																																																		BW				JTS	

Scale Unit	Map Size	Map Location Δ																			
		N Lat				W Long															
in	(7.5, 15, 60)	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
cm	15	40.30				117.45.0															

Δ 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
9.30										9.40										4820									

Use decimals

← Write M if meters

	SEGMENT DEPTH																															
	Start										End										K					ΔK						
C	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
D	5.0										18.0										-3.0					-0.5						
E																																
F																																
G																																

Continue each card below.

	SEGMENT DEPTH																																							
	Start										End										K					ΔK														
C	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										
D	.999																																							
E																																								
F																																								
G																																								

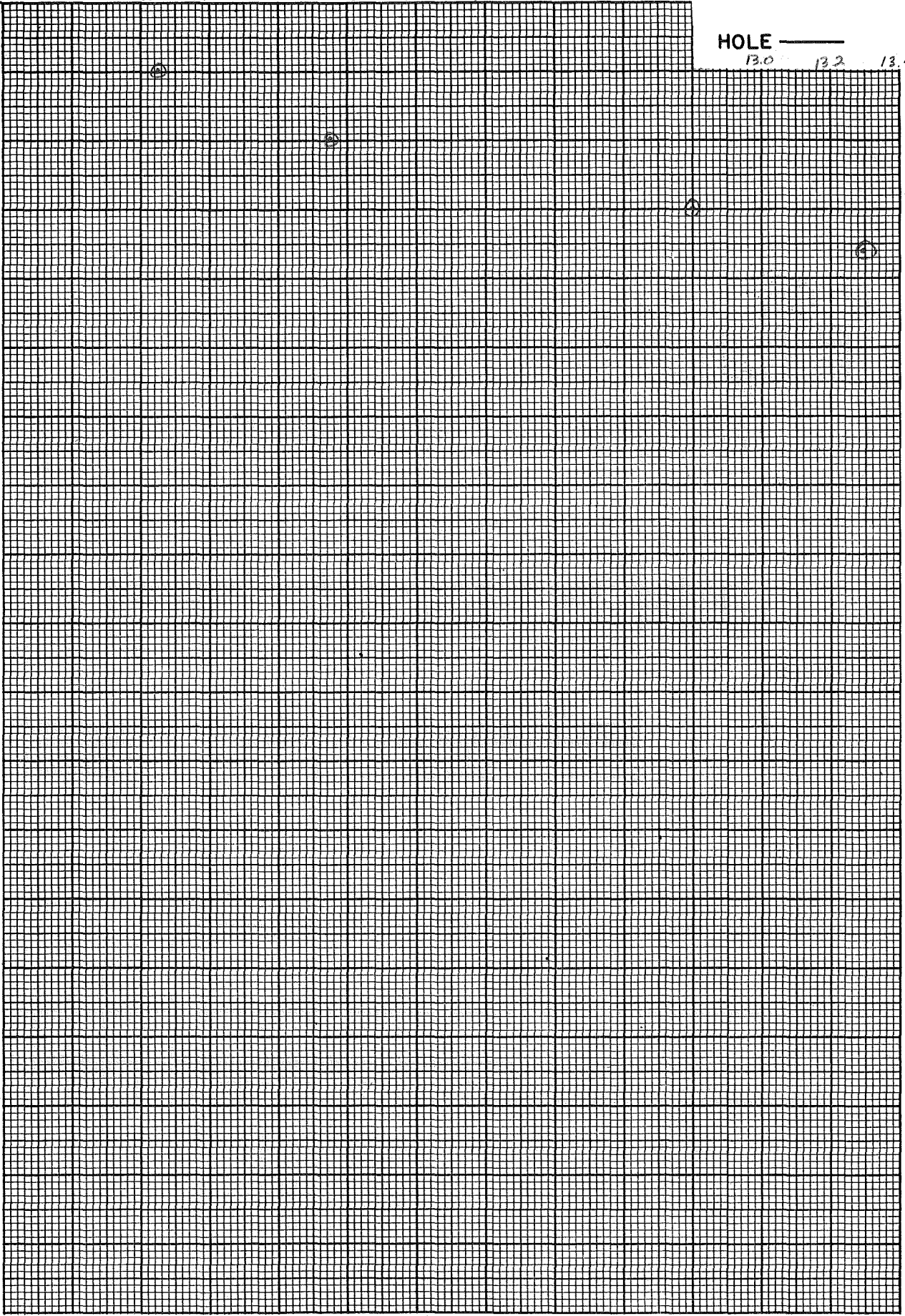
Final Segment: Start = .999

11.0 11.2 11.4 11.6 11.8 12.0 12.2 12.4 12.6 12.8

HOLE ———
13.0 13.2 13.4

5
10
15
20

DEPTH
METERS
↓



TEMPERATURE °C →

064

Date Logged: 7/13/77

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0		24.90					
5		11.25					
10		11.74					$K = 3.0 \pm 0.5$
15		12.80					
18		13.30					
99999.							

TEMPERATURE DEPTH LOG

065 36°C/km

Property-Project SE16 - Leach H.S. Depth Logged SE16
 Map Leach H.S. Scale 1:6250 Date: Drilled 7/13/77
 State Nevada County Pershing Section 16 T 31N R 38E
 Instrument DT 101 Operator JTS Bul Elevation 4950 ft.
 Comments SE Sec 16

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

Proj No		Well No		Date Logged			* 19- Write F if Fahrenheit, 20- Write F if Feet												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
9002		65		77			CM												

9002

Site Description																				Operator		Editor																	
21	22	23	24	25	26	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
LEACH H.S. GRAVELLY																				JTS		Bul																	

Card B

Scale Unit		Map Size		Map Location Δ				W Long																							
in cm		(7.5, 15, 60)		N Lat		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.		42.		20.		2		117.		45.																			

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
10.1					6.1					4950.																			

Use decimals

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

Write M if meters

SEGMENT DEPTH

	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
C	60.0										110.0										-4.0		-0.5							
D																														
E																														
F																														
G																														

Continue each card below.

SEGMENT DEPTH

	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
C	.999																													
D																														
E																														
F																														
G																														

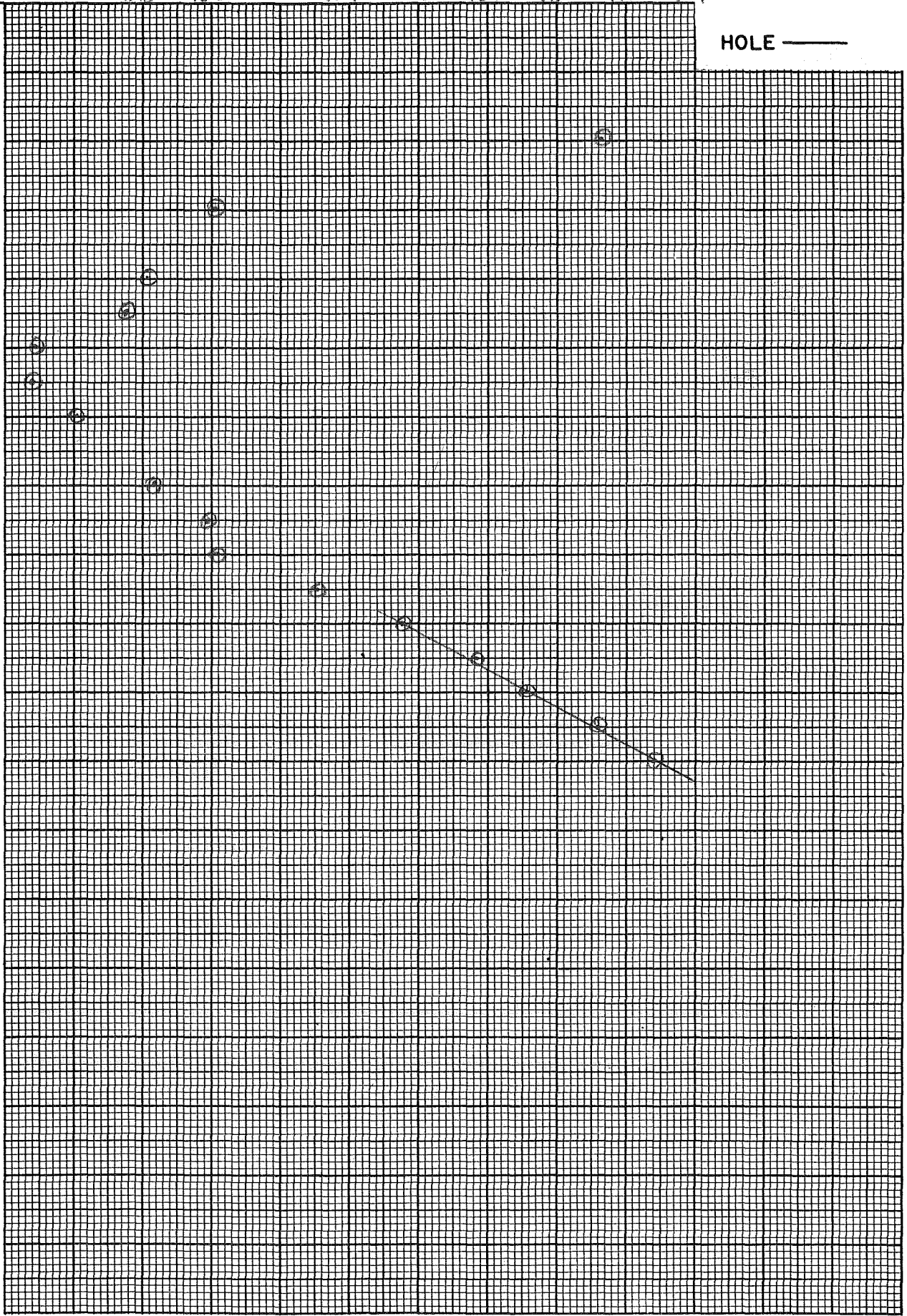
Final Segment: Start = .999

12.4 12.6 12.8 13.0 13.2 13.4 13.6 13.8 14.0 14.2 14.4

HOLE ———

0
10
20
30
40
50
60
70
80
90
100
110

DEPTH
METERS



$$\frac{14.28 - 13.56}{110 - 90} = \frac{0.72}{20} = 0.036 \times 1000 = 36^\circ\text{C}/\text{km}$$

65 36°/km

Date Logged: 7/13/77

ΔT Well No. SE16

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0		30.05					
10		—					unstable
20		14.13					
			- 1.11				
30		13.02					
			- .21				
40		12.81				H ₂ O	K = 4.0 ± 0.5
			- .06				
45		12.75					
			- .26				
50		12.49					
			- .01				
55		12.48					
			.13				
60		12.61					
			.09				
65		12.70					
			.14				
70		12.84					
			.14				
75		12.98					
			.17				
80		13.15					
			.18				
85		13.33					
			.23				
90		13.56					
			.21				
95		13.77					
			.20				
100		13.92					
			.20				
105		14.12					
			.16				
110		14.28					
99999.							

K=Conductivity

page _____ of _____

TEMPERATURE DEPTH LOG

ΔT Well No. _____

Property-Project 566 Depth Logged 102 m

Map Leach Hot Springs Scale 15' Date: Drilled ? Logged 7/12/77

State Nevada County Perching Section NWNW 23 T31N R 38E

Instrument DT-101 Operator D.M. Elevation 4820 ft.

Comments steel cased gradient hole

COMPUTER PROCESSING

RT JUSTIFY: * 19 - Write F if Fahrenheit, 20 - Write F if Feet

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	
0	0	2																		CM

Card A 9

Site Description																																																	Operator				Editor	
21	22	23	24	25	26	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															
LEACH HAS GRASS MATS IN THE																																																						

Map Location Δ

Scale Unit	Map Size	N Lat		W Long		Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-) (E,+)																										
in		Degree	Min	Degree	Min																											
cm	(7.5, 15., 60)																															
21	22	23	24	25	26	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.																	

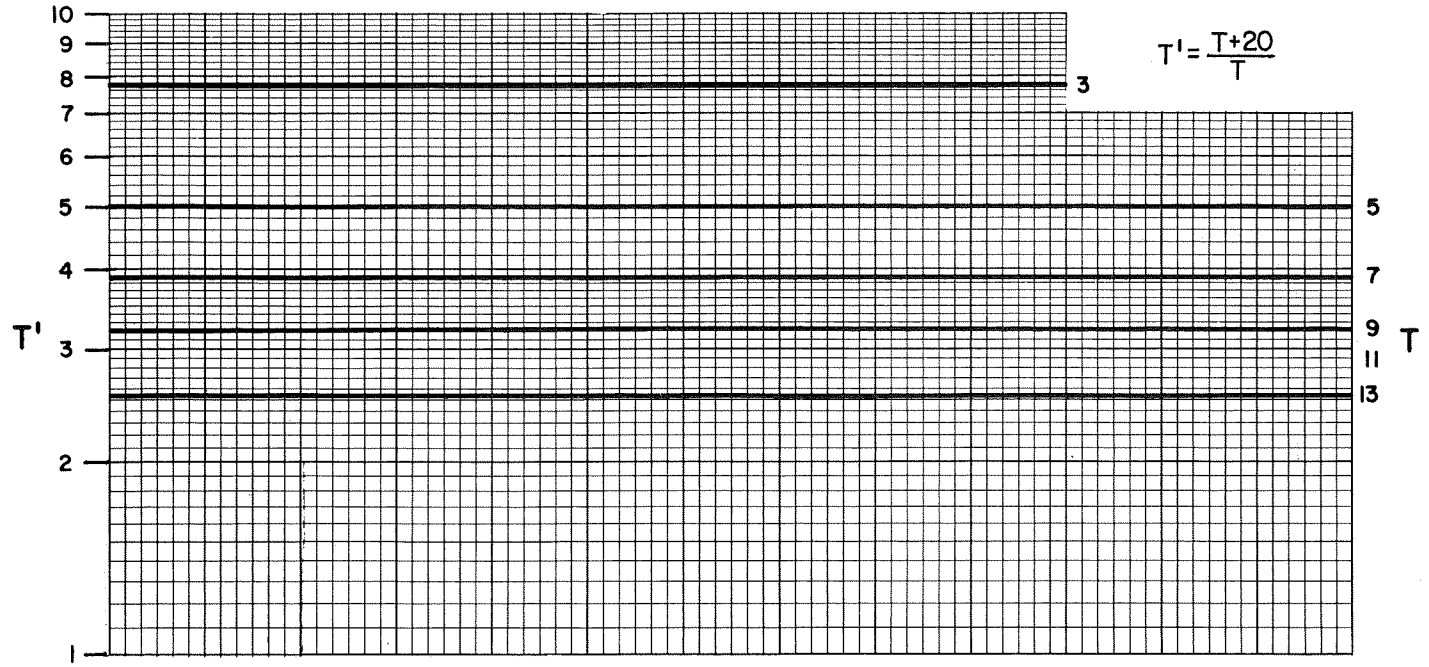
Use decimals

Northing										Easting										Elev				Write M if meters						
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
9.0																				9.9 4820.				F						

Use decimals

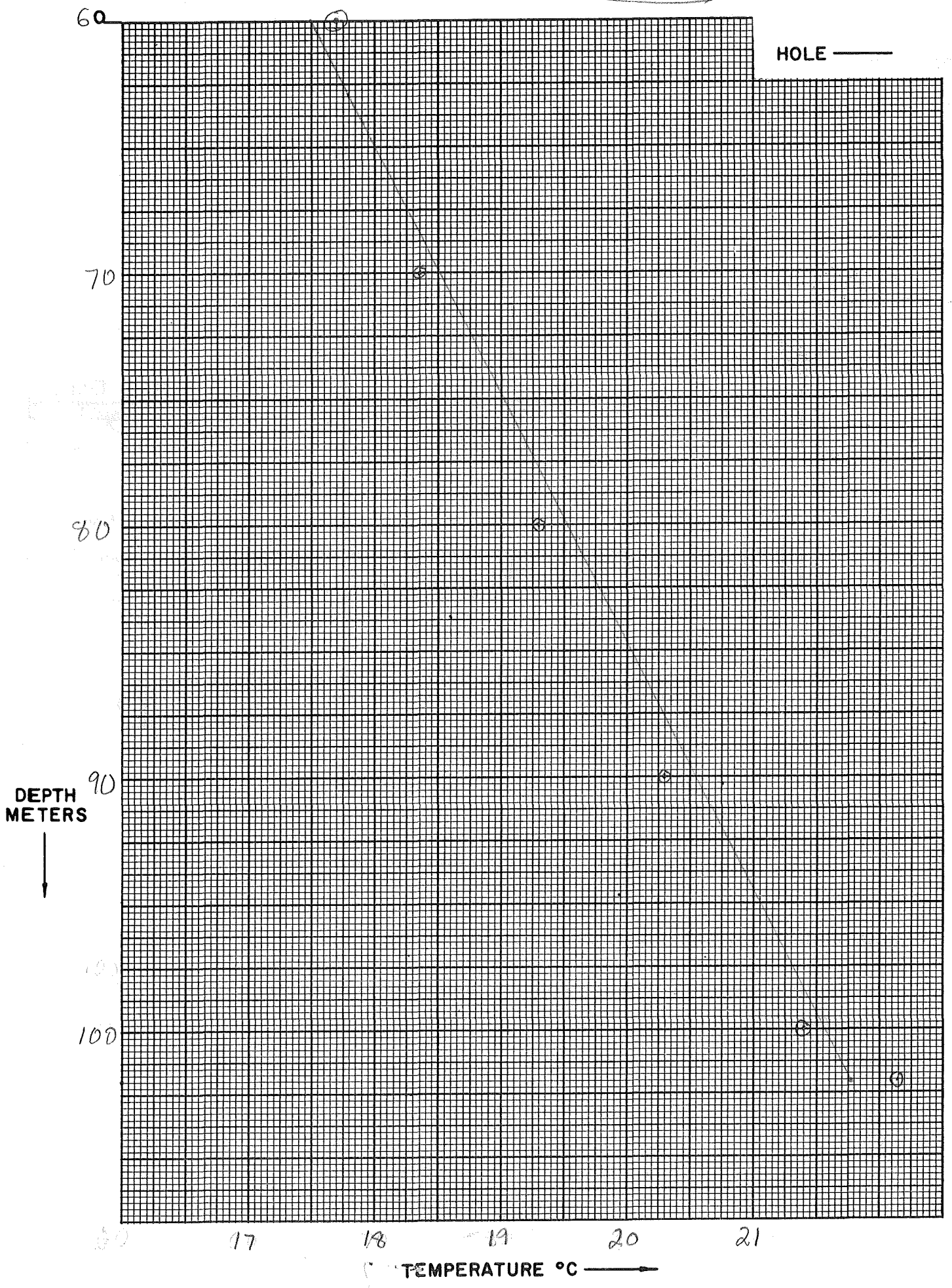
AIR TEMPERATURE MEASUREMENTS

$$T' = \frac{T+20}{T}$$



RESISTANCE / TEMPERATURE

$$\frac{21.77^\circ - 17.5^\circ}{.102 - .06 \text{ (km)}} = \frac{4.27^\circ}{.042 \text{ km}} = 100.2 \text{ }^\circ\text{/km}$$



Date Logged: 7/12 ΔT Well No. A67

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
20		24					drifting
40		17.8					"
60		17.7	<u>-1</u>				K = 4.0 ± 0.6
70		18.35	<u>.65</u>	<u>65.5</u>			
80		19.3	<u>.95</u>	<u>95.5</u>			
90		20.3	<u>1.0</u>	<u>100.</u>			
100		21.4	<u>1.1</u>	<u>110.</u>			
102		21.65	<u>.25</u>	<u>125.</u>			
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

Δ69

* 105°C/KM ✓

ΔT Well No. _____

Property-Project SWSE 35 Well Depth Logged 33 meters

Map Desert Peak Scale 1:62500 Date: Drilled _____ Logged 7/22/77

State Nevada County Churchill Section 35 T 23N R 28E

Instrument DT-101 Operator FD, JTS Elevation 3910 ft.

Comments SW SE Sec 35 (possible salt operation)

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No		Well No		Date Logged			*													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
002		69																		
9002		Site Description															Operator		Editor	
DDH 5KM F E G H I J K L M N O P Q R S T U V W X Y Z																				

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

Card B

Scale Unit	Map Size	Map Location Δ		N Lat		W Long	
in	(7.5, 15, 60)	Degree	Min	Degree	Min		
cm							
15	15	39	45	119			

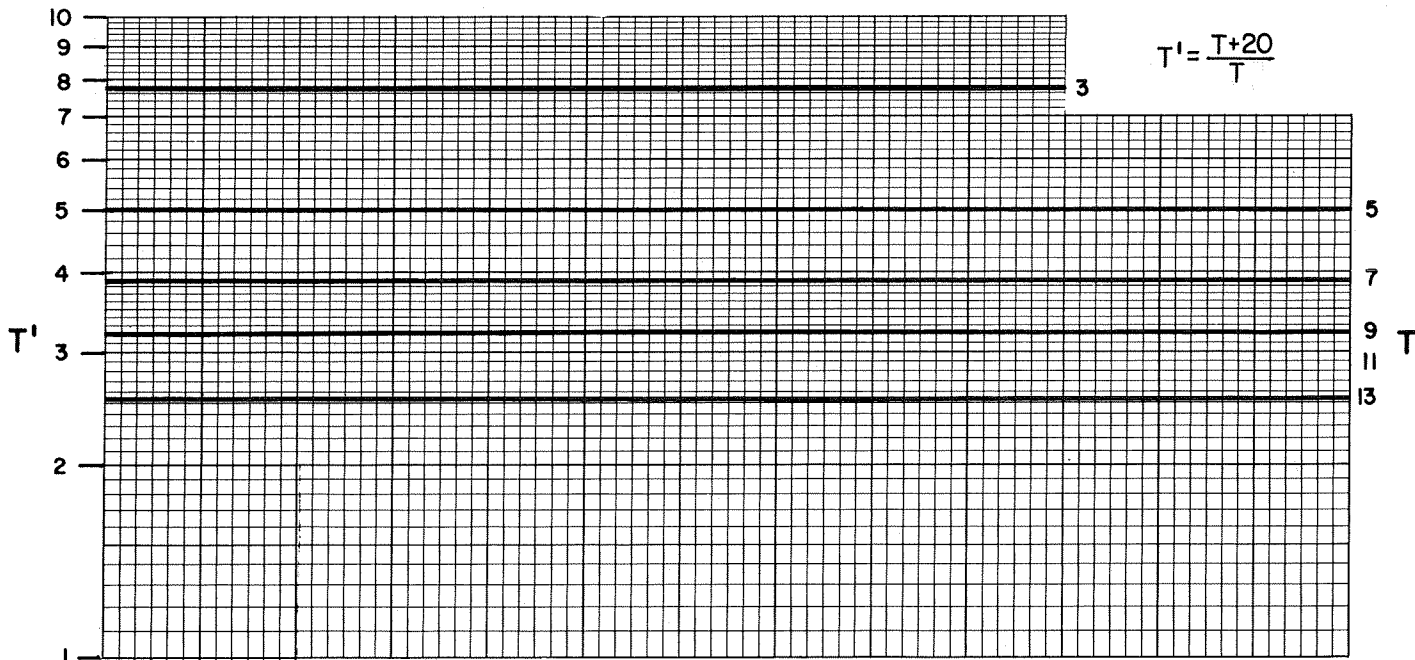
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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
10.8										26.6										3910									

Use decimals

Write M if meters

AIR TEMPERATURE MEASUREMENTS



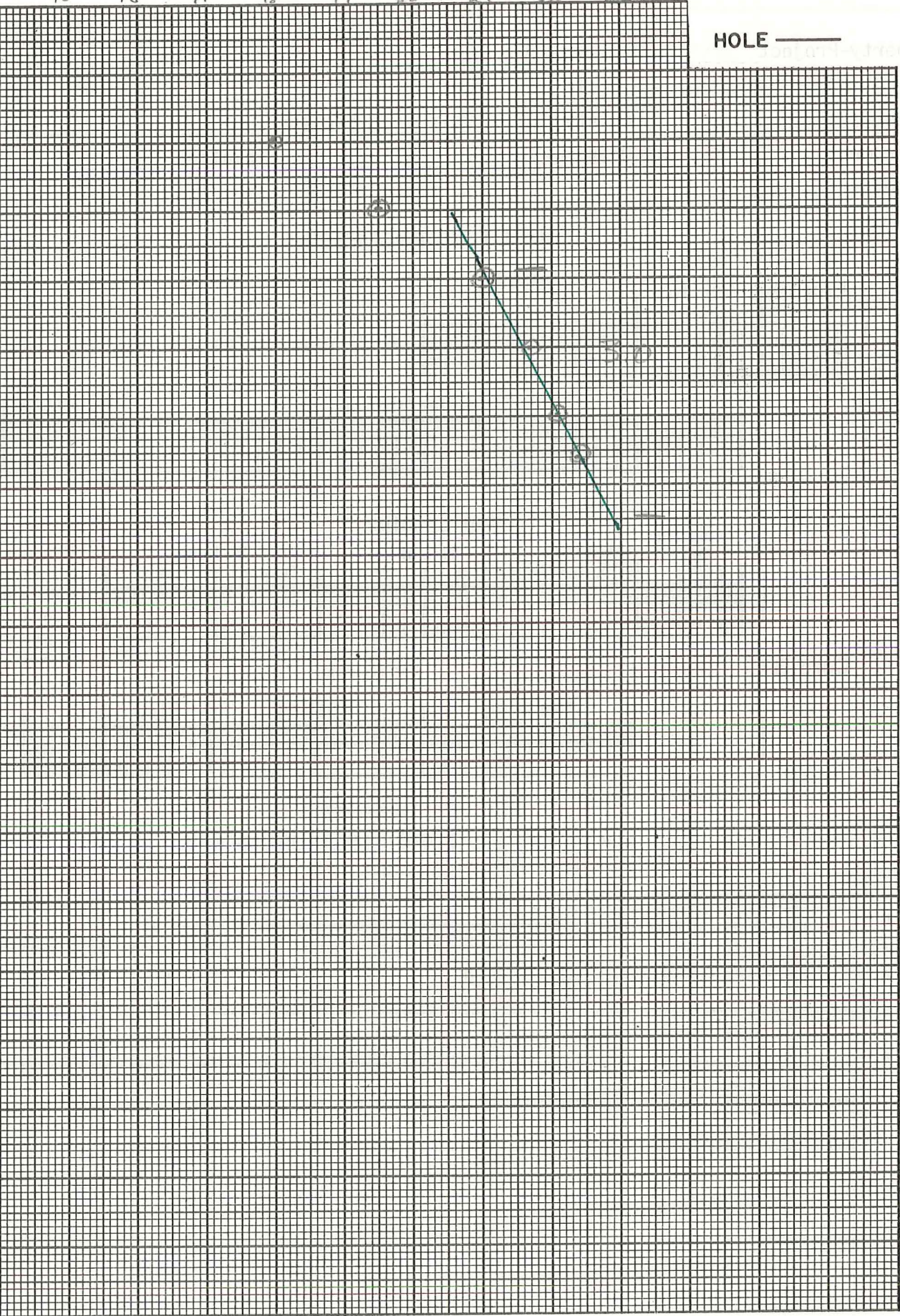
RESISTANCE / TEMPERATURE

*

0 15 16 17 18 19 20 21 22 23

HOLE ———

5
10
15
20
25
30
35



DEPTH METERS



TEMPERATURE °C ———>

Date Logged: 7/28/72

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		17.95				✓	
15		19.50	1.55				20
20		21.00	1.50				K = 3.0 ± 0.25
25		21.70	.70				
30		22.05	.35				
33		22.40	.35				
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

Δ70 172.3 °C/km ✓

Property-Project 566 ΔT Well No. DP-4
 Map Desert Peak Scale 15 Date: Drilled _____ Logged 7/28/77
 State Nevada County Churchill Section NE NW 23 T 22N R 27E
 Instrument DT101 Operator Joe Sen Elevation 4720 ft.
 Comments hole next to undrilled deep test

COMPUTER PROCESSING

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
0	0	0								7	2	8	1	1	7				
9002																			

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
DP-4										26 KM										NE NW 23										LAKE										JES					/UM														

Map Location ^Δ

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		15.		39.		119.0.0																							

Use decimals

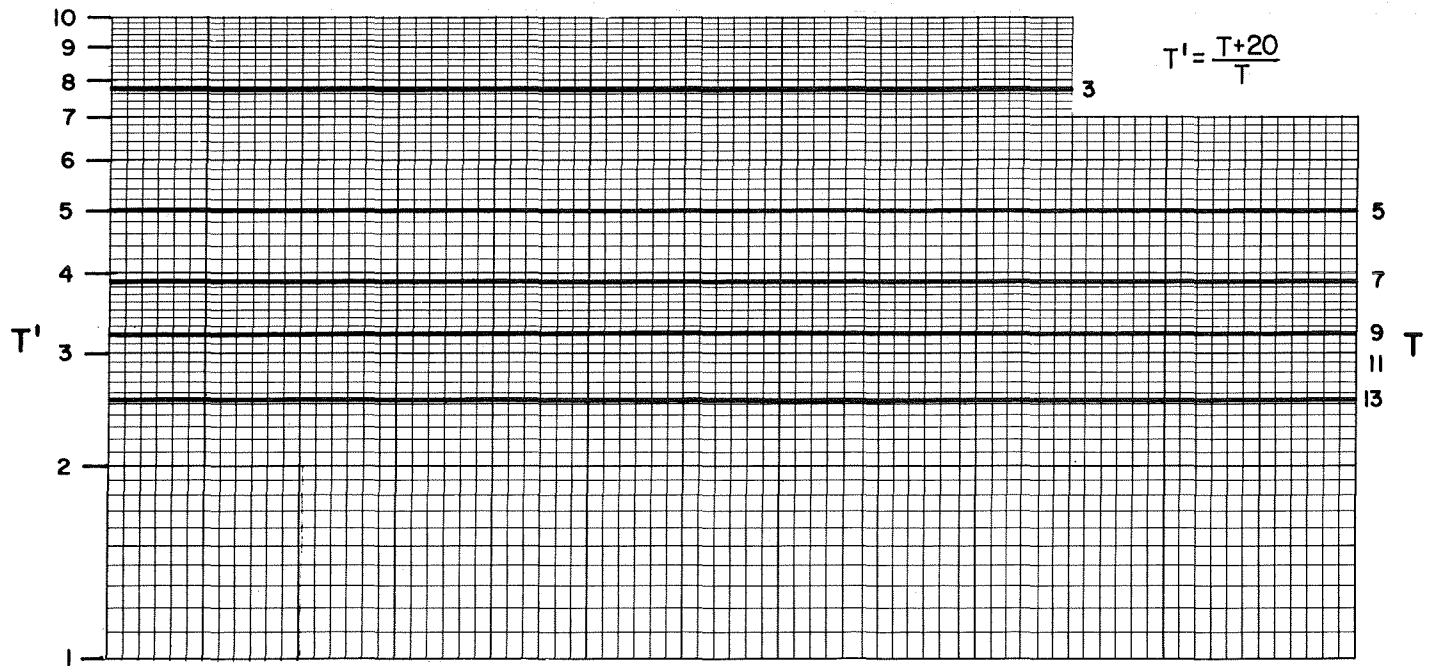
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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
2.65										11.1										4720									

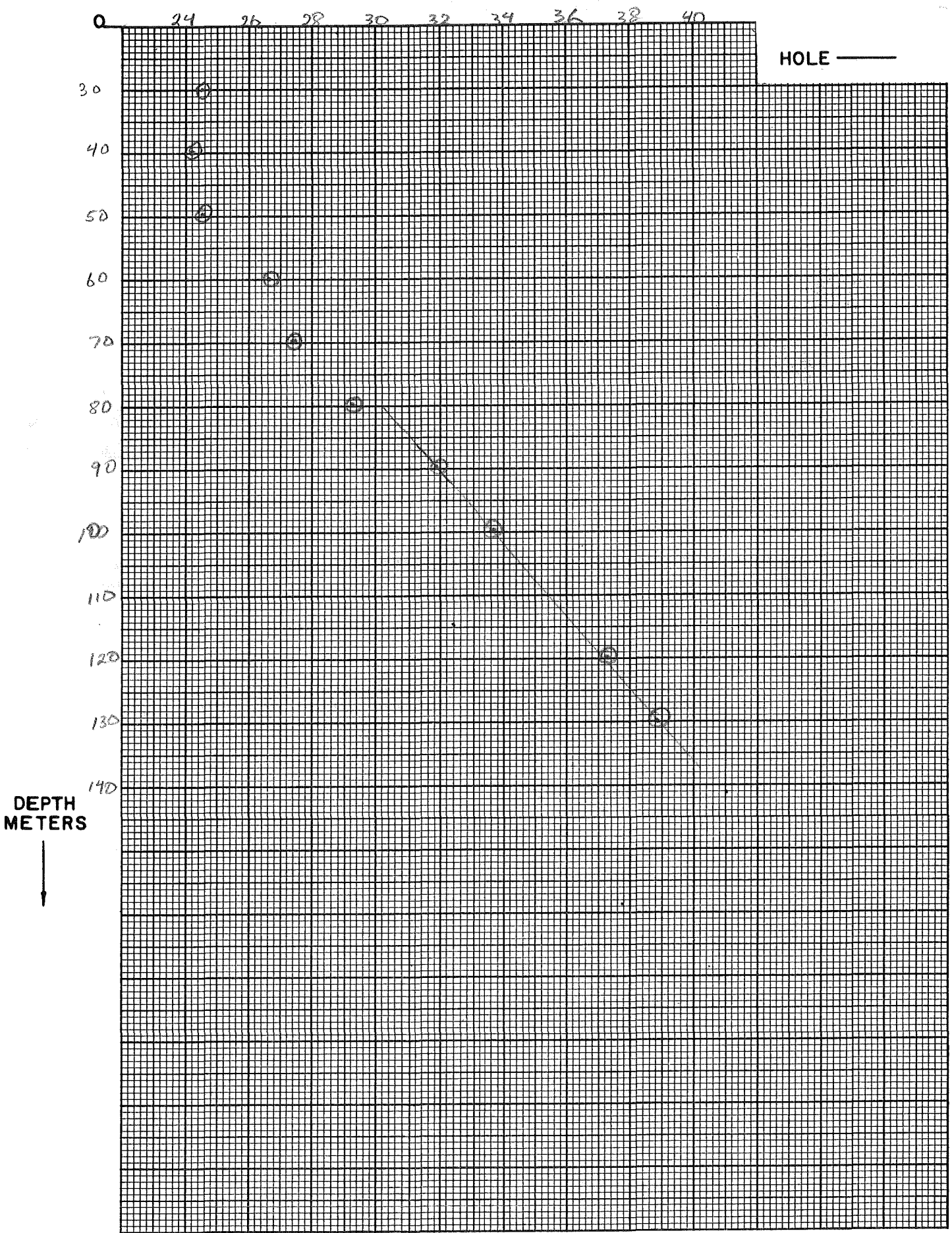
Use decimals

Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE



DEPTH METERS
↓

$$\frac{130 - 90}{38.87 - 31.98}$$

$$\text{TEMPERATURE } ^\circ\text{C} = \frac{38.87 - 31.98}{130 - 90} = \frac{6.89}{40} = .17225 \times 1000$$

$$= 172.25$$

Date Logged: 7-28-77

ΔT Well No. DP-4

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
30		24.55	-0.35				
40		24.20	0.33	330			$K = 3.5 \pm 0.5$
50		24.53	1.14	114			Tuffac. Siltstone
60		25.67	1.74	174			
70		27.41	1.88	188			
80		29.29	1.69	169			
90		31.98	1.67	167			
100		33.65	3.62	182			
120		37.27	1.60	160			
130		38.87					
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

Δ71 *

ΔT Well No. NE19

Property-Project _____ Depth Logged _____

Map Desert Peak Scale 1/62500 Date: Drilled _____ Logged >1/20/77

State Nevada County Churchill Section 19 T 21N R 26E

Instrument DT-101 Operator JTS, FD Elevation 4350 ft.

Comments NF Sec 19

COMPUTER PROCESSING

RT JUSTIFY: {

Proj No					Well No					Date Logged			*
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	*
0	0	2								7	1		CM

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

Card A {

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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	JTS	FD	UM																	

Card B {

Scale Unit					Map Size					Map Location Δ				N Lat					W Long				
in	cm				(7.5, 15, 60)					Degree	Min	Degree	Min	Degree	Min	Degree	Min						
CM					15									119									

Use decimals

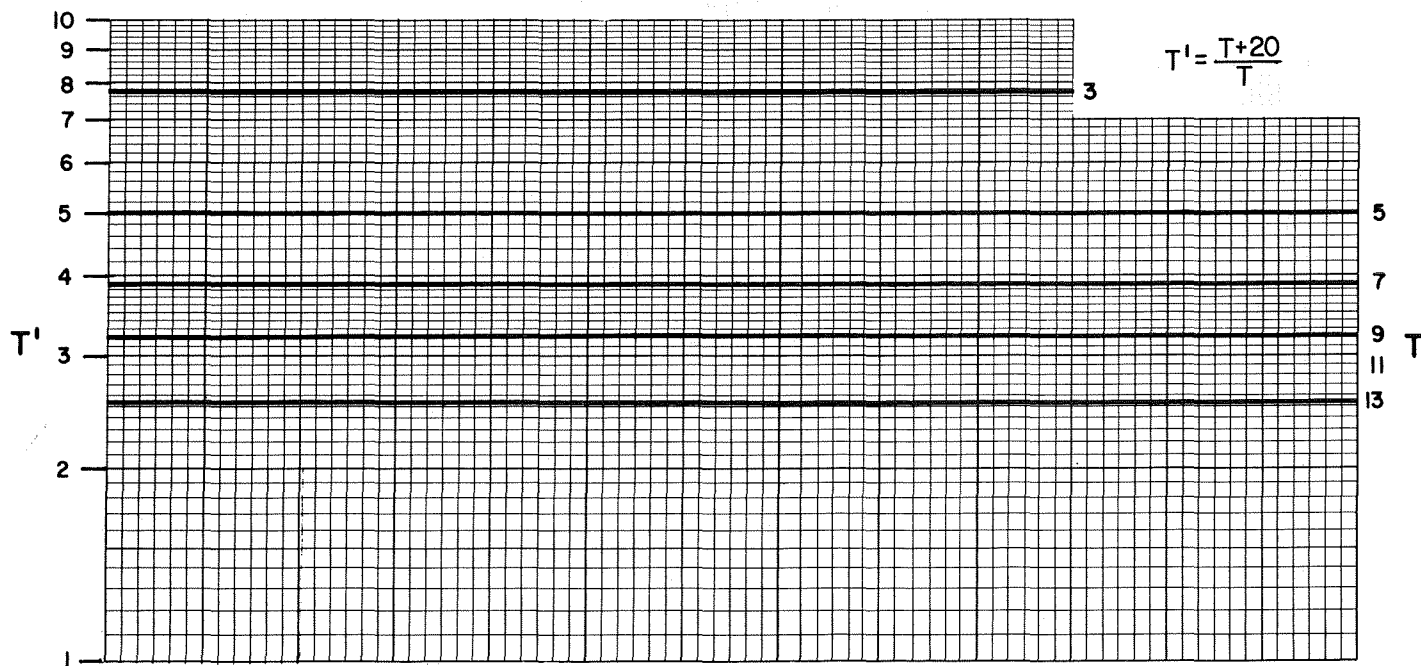
Northing										Easting										Elev									
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
																				1.5	4	30							

Use decimals

Write M if meters

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

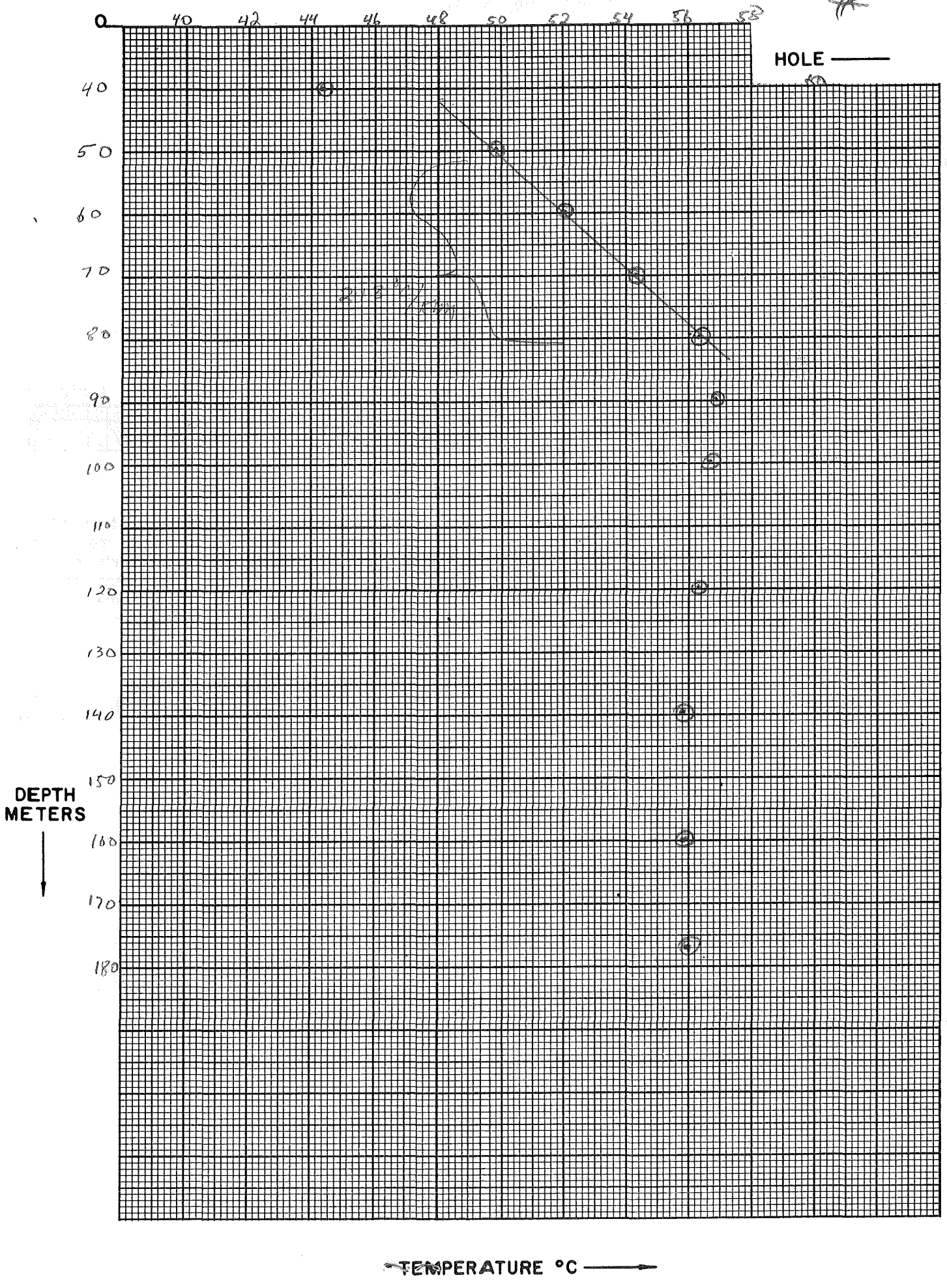
AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$\approx 213^{\circ}\text{C}/\text{Km}$

AK



Date Logged: 7/28/77

ΔT Well No. NE19

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
40		44.41					
			5.51				
50		49.92					K = 4.0 ± 0.5
			2.09				
60		52.01					
			2.37				
70		54.38					
			1.93				
80		56.31					
			.55				
90		56.86					
			-0.20				
100		56.66					
			-.36				
120		56.30					
			-0.49				
140		55.81					
			-0.09				
160		55.90					
			.10				
177		56.00					
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

Δ72 205°E/km

ΔT Well No. NESE 27

Property-Project _____ Depth Logged _____
 Map Soda Lake Scale 1:6250 Date: Drilled _____ Logged 7/28/77
 State Nevada County Churchill Section 27 T 22N R 27E
 Instrument DT 101 Operator FD, JTS Elevation 4450 ft.
 Comments NE SE Section 27

COMPUTER PROCESSING

RT JUSTIFY: Proj No. Well No. Date Logged (DA, MO, YR) *

Card A: 9002 | 72 | 77 | CM

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

Site Description: SODA LAKE | 27 | T 22N R 27E | Operator: JTS | Editor: DM

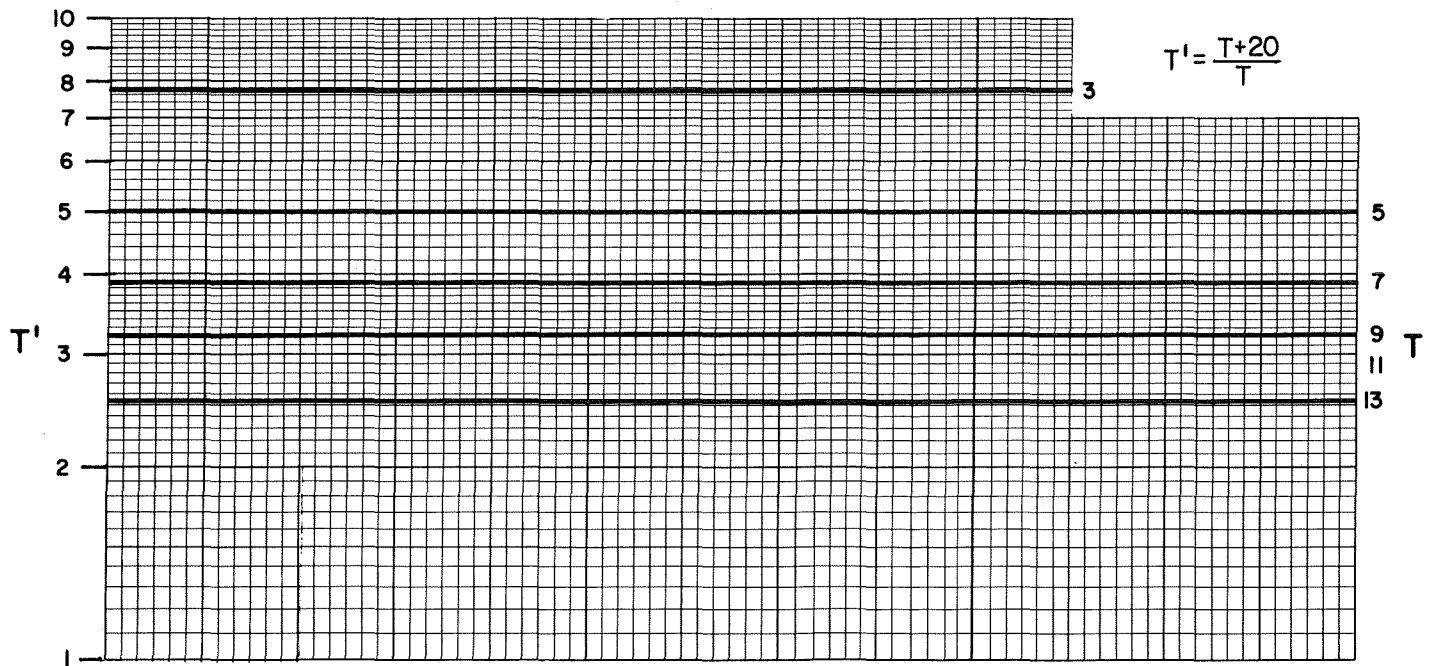
Card B: Scale Unit (CM), Map Size (15.0), Map Location (N Lat 39.30, W Long 119.00)

Use decimals

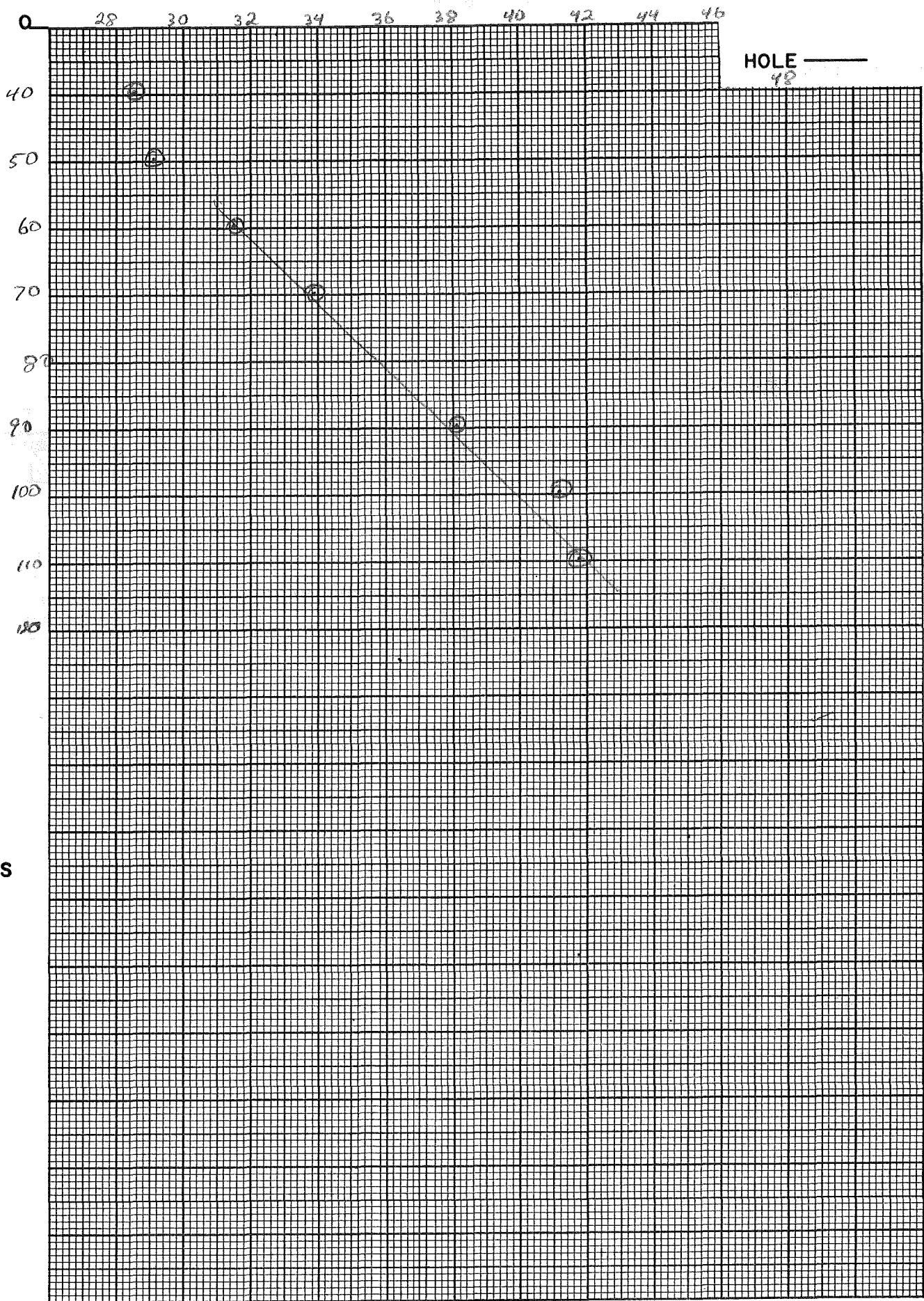
Northing: 92.6 | Easting: 9.8 | Elev: 4450.0 | Write M if meters (F)

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

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE



DEPTH
METERS

$$\frac{41.70 - 31.45}{110 - 60} = \frac{10.25}{50} = .205 \times 1000 = 205 \text{ TEMPERATURE } ^\circ\text{C}$$

Date Logged: 7/28/77

ΔT Well No. NESE27

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
40		28.55					
50		29.10	0.55				K = 4.0 ± 0.5
60		31.45	2.35				
70		33.88	2.43				
90		38.10	4.22				
110		41.70	3.60				
100		41.18					
99999.							

Δ 73 ✓

TEMPERATURE DEPTH LOG

Property-Project 566 ΔT Well No. 2
 Map Cox Canyon Scale 1:24000 Date: Drilled — Logged 7/30/71
 State Nev. County Churchill Section 35 T 20N R 82E
 Instrument DT101 Operator FD9BW Elevation 3932 ft.
 Comments Windmill without shaft

COMPUTER PROCESSING

RT JUSTIFY: Proj No. → Well No. → Date Logged

Proj No.										Well No.										Date Logged			*
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	DA	MO	YR	*
9002										7230										07	77	CM	

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

Site Description																																																		Operator					Editor				
POCO WELL ASSEM NE. WE. STILLWATER																																																		JG/DM									

Card B

Scale Unit										Map Size										Map Location										Δ					
in					cm					(7.5, 15, 60)					Degree					N Lat					W Long					Δ					
															Degree					Min					Degree					Min					
CM										7.5					39					27					118					22.5					

Use decimals

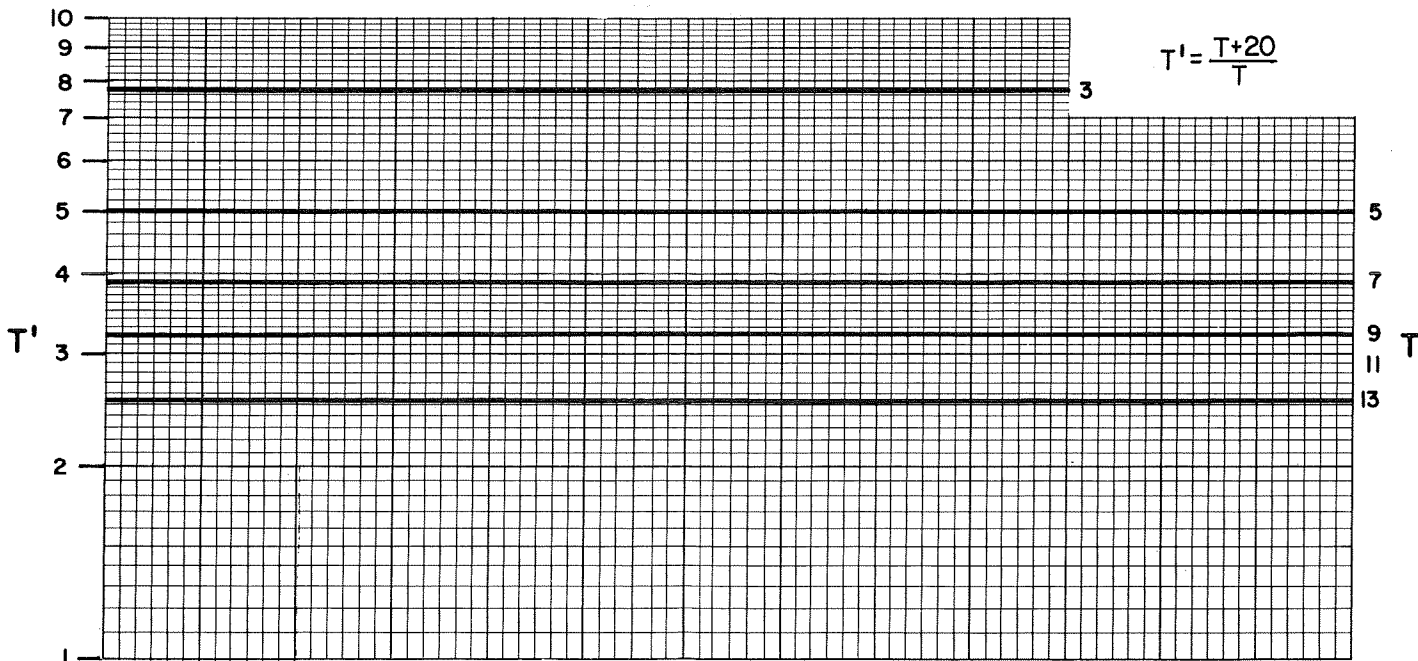
Northing										Easting										Elev										
37										14.2										3932										F

Use decimals

Write M if meters

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

AIR TEMPERATURE MEASUREMENTS

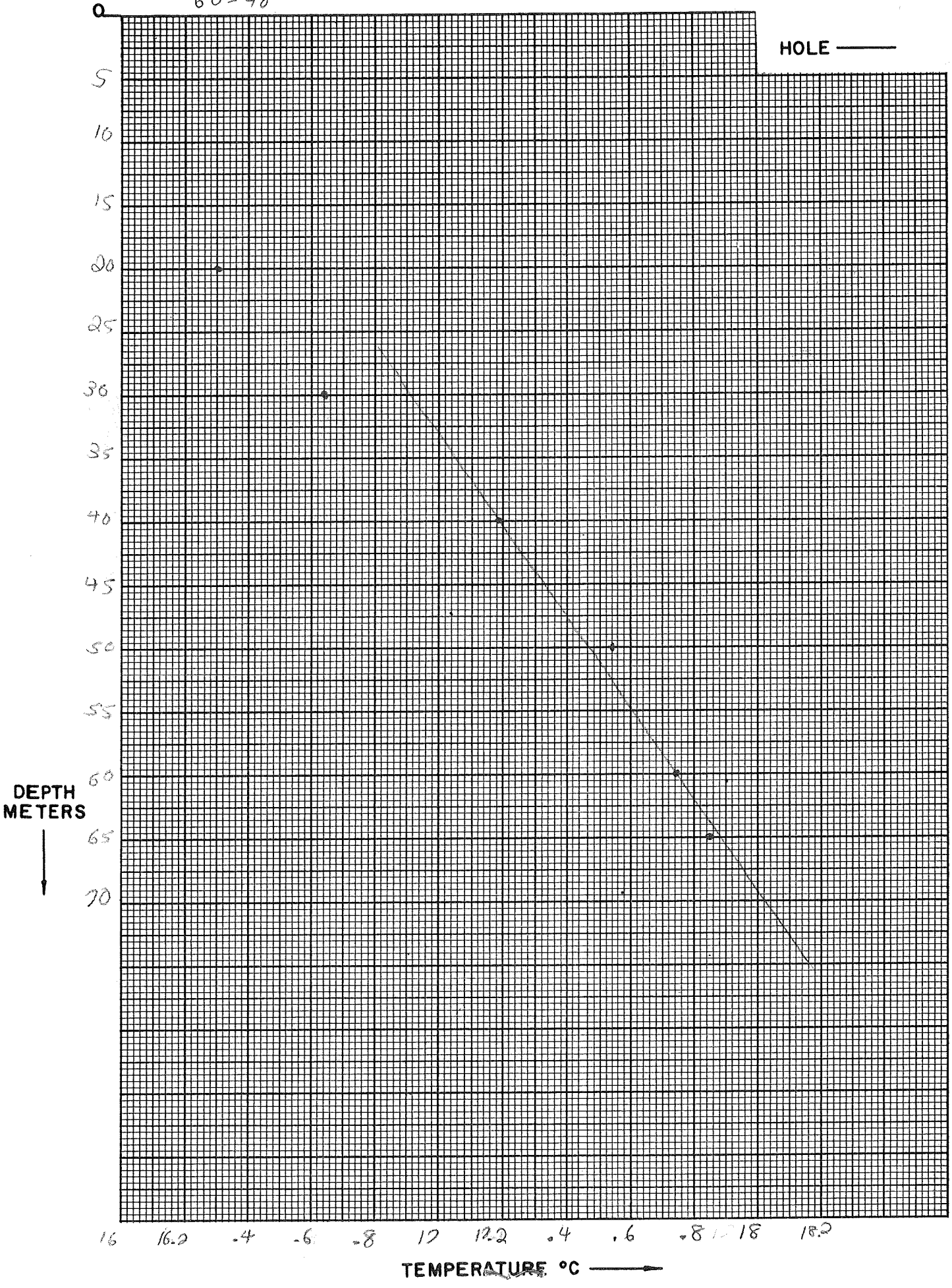


RESISTANCE / TEMPERATURE

6087

Gradient

$$\frac{17.74 - 17.19}{60 - 40} \times 1000 = 27.5 \text{ } ^\circ\text{C/km}$$



Date Logged: 1/30/77

ΔT Well No. 2

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
20		16.30	+.34	34		Air	
30		16.64					"
40		17.19	+.55	55		"	K = 4.0 ± 0.5
50		17.54	+.35	35		"	
60		17.74	+.20	20		"	
65		17.85	+.11	22		H ₂ O	
99999.							

K=Conductivity

TEMPERATURE DEPTH LOG

074 ✓✓

Property-Project 566 ΔT Well No. 3
 Map Frenchman Scale 1:24000 Date: Drilled Logged 7/30/77
 State Nevada County Churchill Section 29 T 17N R 33E
 Instrument DT101 Operator FD-BW Elevation 4242 ft.
 Comments Casing without pump, hole in top of welded cap

COMPUTER PROCESSING

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	
002				74				30			07		77		CM					

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

Card A 9002

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
3KM NW OF FRENCHMAN																														FD-BW					JWA																								

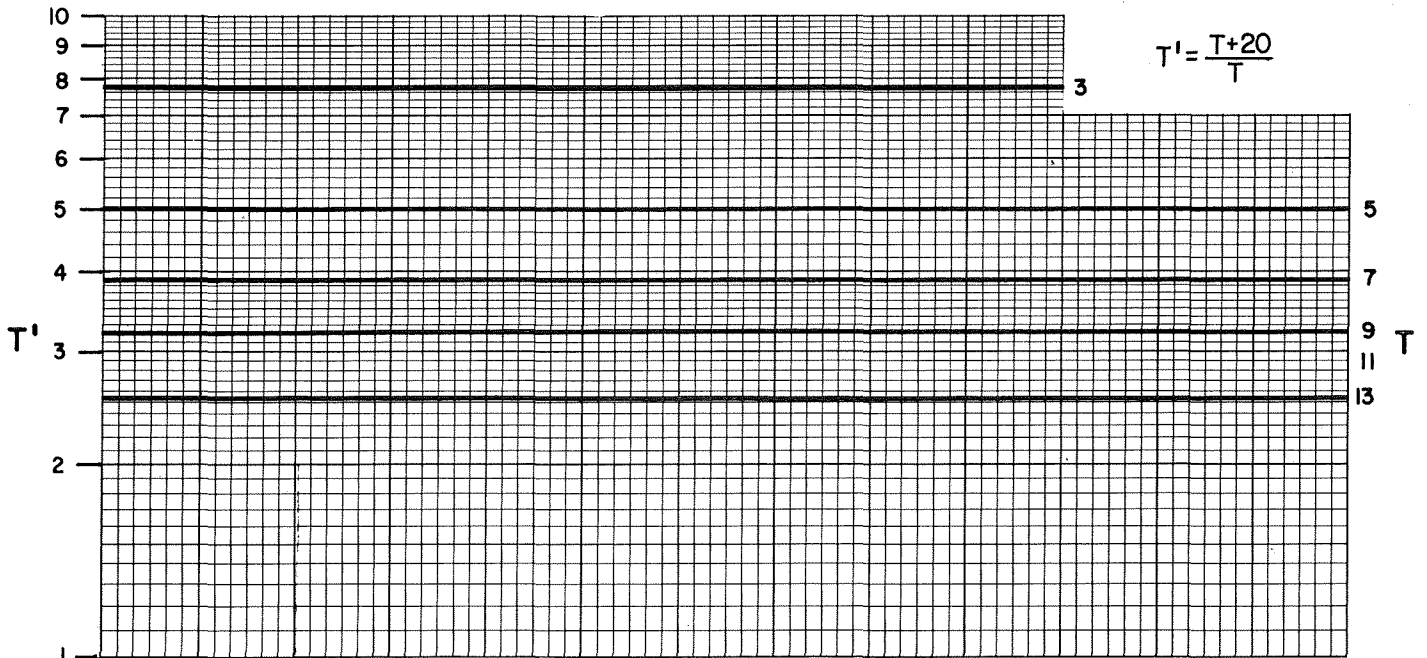
Card B

Scale Unit		Map Size		Map Location ^Δ				N Lat		W Long		Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+) Use decimals																							
in	cm	(7.5, 15, 60)		Degree		Min		Degree		Min																									
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50						
CM		7.5		39.5				118.22.5																											

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					
27.95										87.55										4242					F									

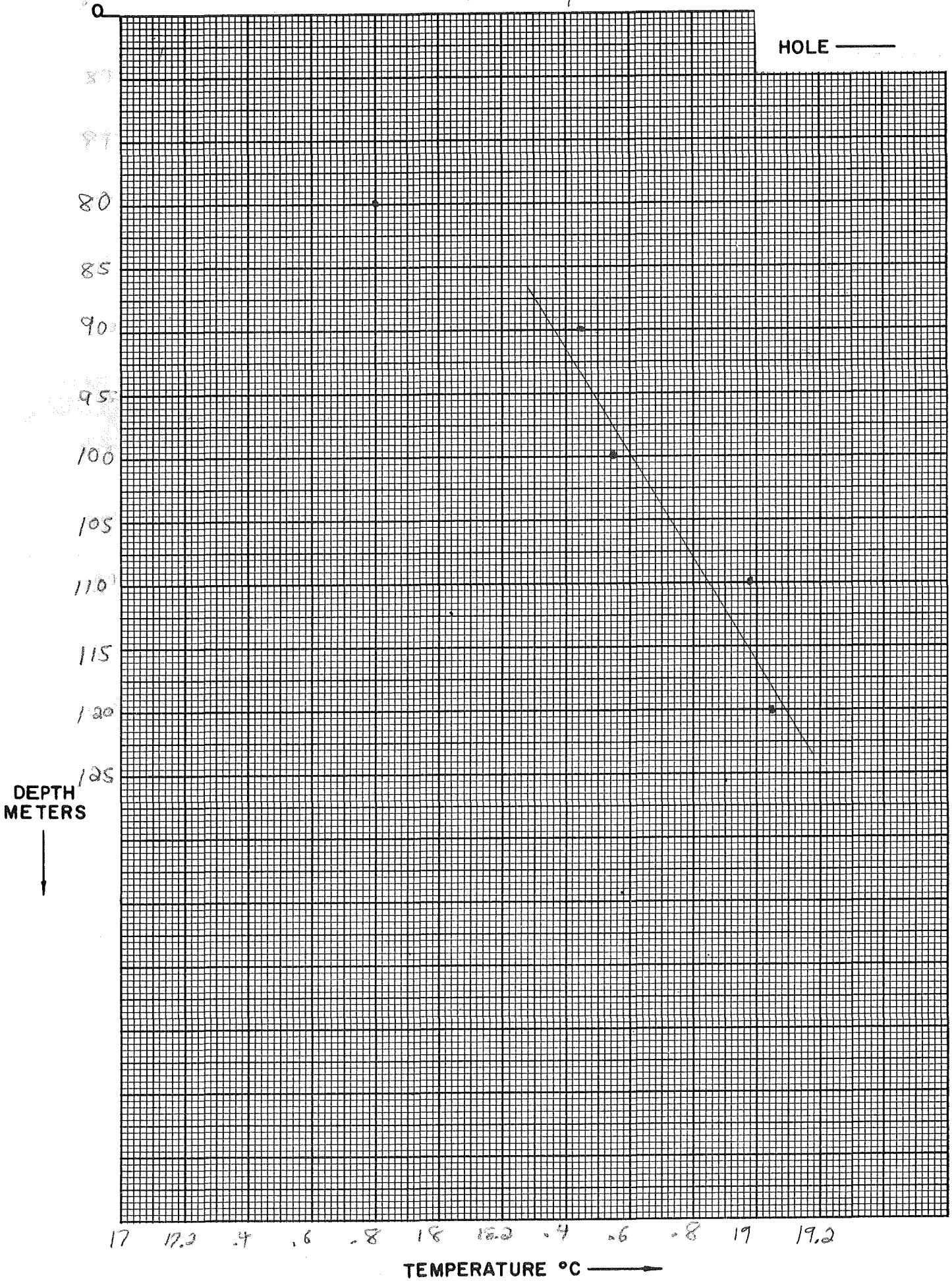
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

Gradient $\approx 24^{\circ}\text{C}/\text{Km}$



TEMPERATURE DEPTH LOG

075 ✓

Property-Project 566 ΔT Well No. 1
 Map Horse Heaven Mtn Scale 1:62500 Date: Drilled — Logged 7/23/77
 State Nevada County Eureka Section — T 16N R 50E
 Instrument DT101 Operator BW Elevation 6540 ft.
 Comments _____

COMPUTER PROCESSING

RT JUSTIFY: {

Proj No					Well No					Date Logged			*	
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	19	20
0	0	0	2						7	5	3	7	7	7
9002													CM	

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

Site Description																																																							Operator					Editor				
21	22	23	24	25	26	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	BW	DM																							

Card B {

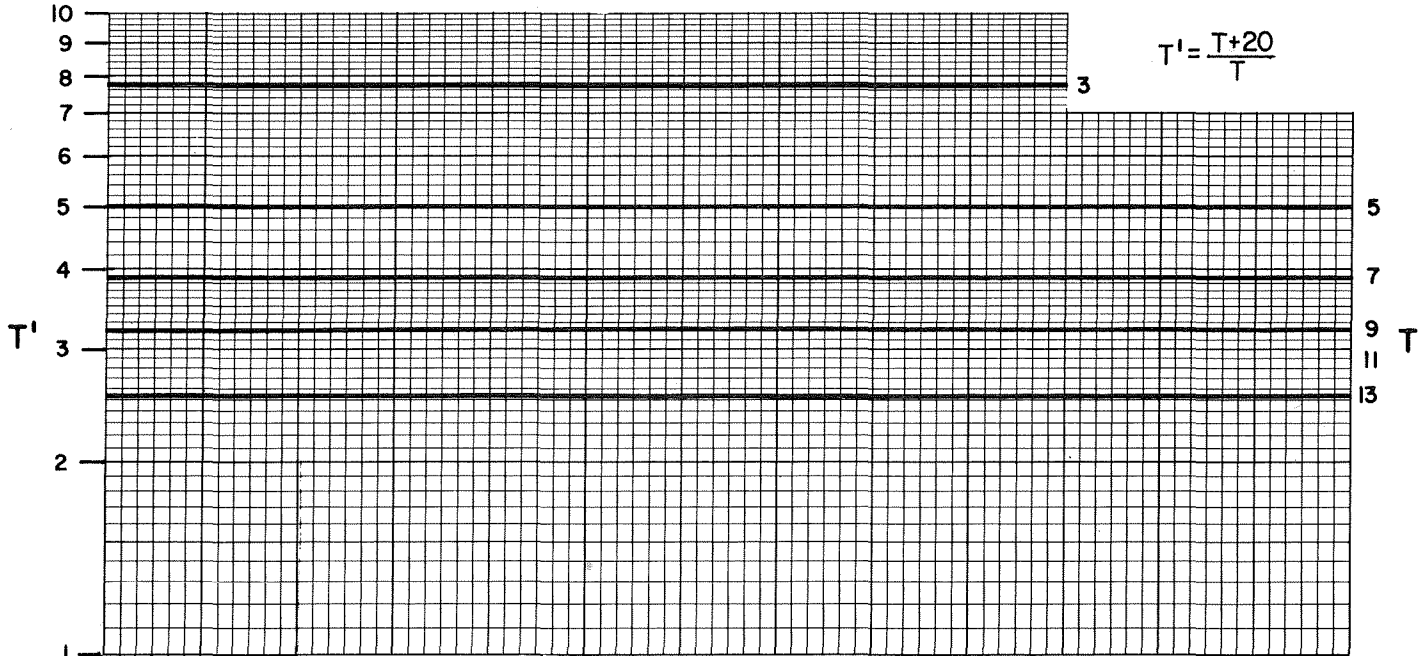
Scale Unit					Map Size					Map Location Δ					Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)															
in		cm			(7.5, 15, 60)		N Lat			W Long																				
cm					Degree		Min			Degree			Min																	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
CM					15		39.00			116.30																				

Use decimals

Northing										Easting										Elev										Write M if meters
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
40.9										19.6										6540										F

Use decimals

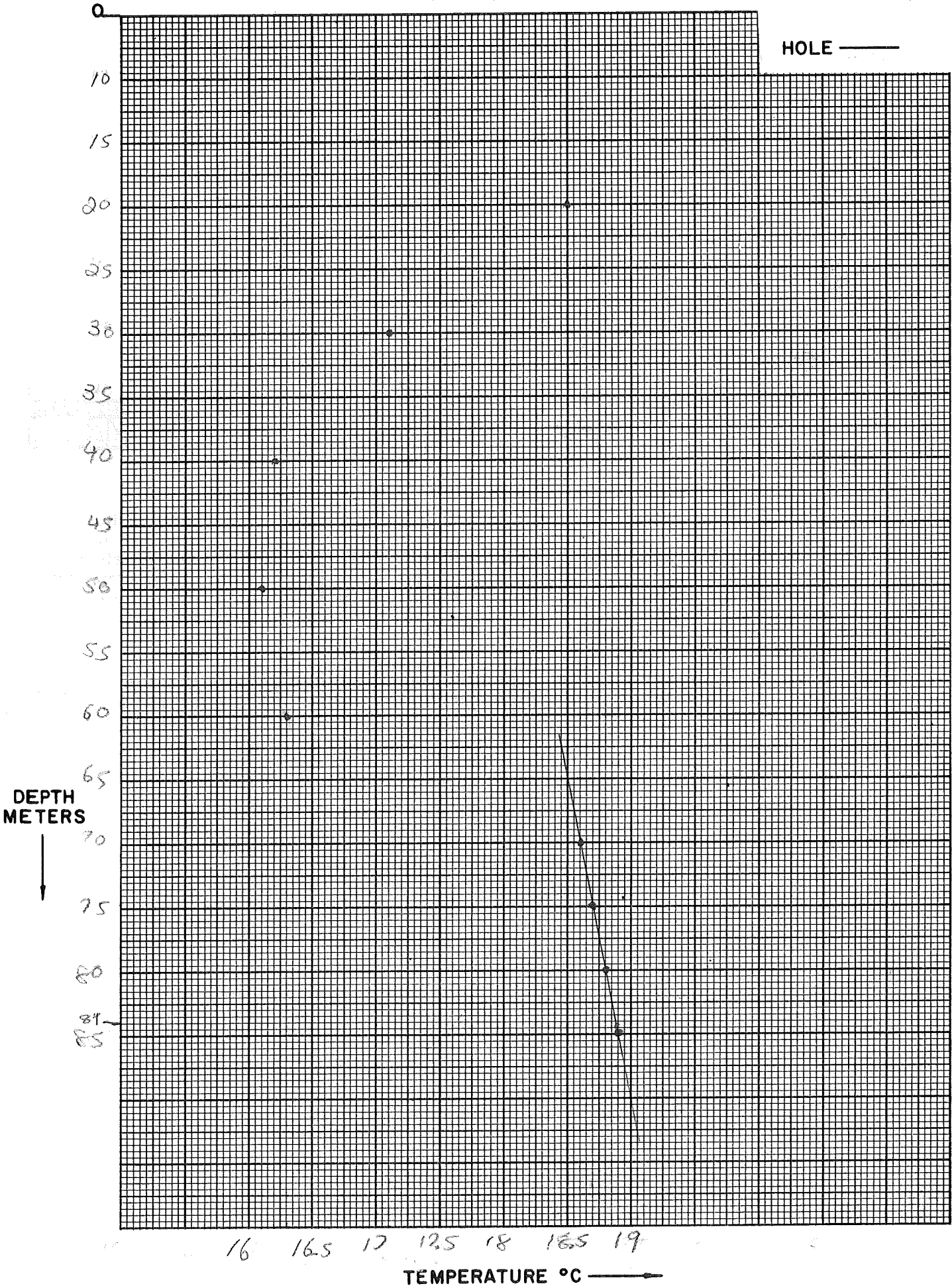
AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

Gradient $\approx 21^{\circ}\text{C}/\text{km}$

HOLE _____



Date Logged: 7/30/77

ΔT Well No. Churchill Butte #1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
5		Diplog				AIR	
10		Diplog				AIR	K = 4.5 ± 0.5
15		"				"	
20		"				"	
25		19°C				H ₂ O	
30		18.75	-1.25				
35		18.75	0				
40		19.10	.35	70			
45		19.50	.40	80			
50		19.90	.40	80			
55		20.22	.32	64			
60		20.35	.13	26			
65		20.30	-.05	10			
70		20.40	.10	20			
75		20.45	.05	10			
80		20.45	0	0			
85		20.60	.15	30			
90		20.80	.20	40			
95		21.20	.40	80			
100		21.05	-.15	-30			
105		21.10	+.05	10			
110		22.20	+1.10	220			
115		22.60	.40	80			
120		23.05	+.45	90			
125		23.25	.20	40			
130		23.35	.10	20			
135		23.40	.05	10			

K=Conductivity

Date Logged: 7/30/77

ΔT Well No. Churchill Butte (15')

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
135		23.40 23.40					
140		23.40	0	0			
145		23.50	.10	20			
150		23.50	0	0			
99999							

K=Conductivity

Date Logged: 7/23

ΔT Well No. 1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
20		18.50				Air	
30		17.05	-1.45			"	K = 4.0 ± 0.5
			- .85			"	
40		16.20	- .10			"	
50		16.10	+ .20			H ₂ O	
60		16.30	+ 0.07				
70		18.57	+ .16				
75		18.73	+ .08				
80		18.81	+ .05				
84		18.86					
99999							

K=Conductivity

TEMPERATURE DEPTH LOG

078

Churchill Butte (15')

ΔT Well No. #1

Property-Project 566 Depth Logged 150 m
 Map Churchill Butte Scale _____ Date: Drilled _____ Logged 7/30/77
 State Nevada County Lyon Section SE 4 T 17 N R 23 E
 Instrument DT-101 Operator R. Bates Elevation 4320 ft.
 Comments _____

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

Proj No	Well No	Date Logged			*
1-5	6-10	DA	MO	YR	
1-5	6-10	11	12	13	14
15	16	17	18	19	20
0002	78				C M

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

Site Description																																																		Operator		Editor	
8 KM N OF TABLE M IN																																																					

Card B

Scale Unit	Map Size	Map Location Δ		N Lat	W Long
in	(7.5, 15, 60)	Degree	Min	Degree	Min
cm					
21-25	26-30	31-35	36-40	41-45	46-50
0 M	15	39.16		119.30	

Use decimals

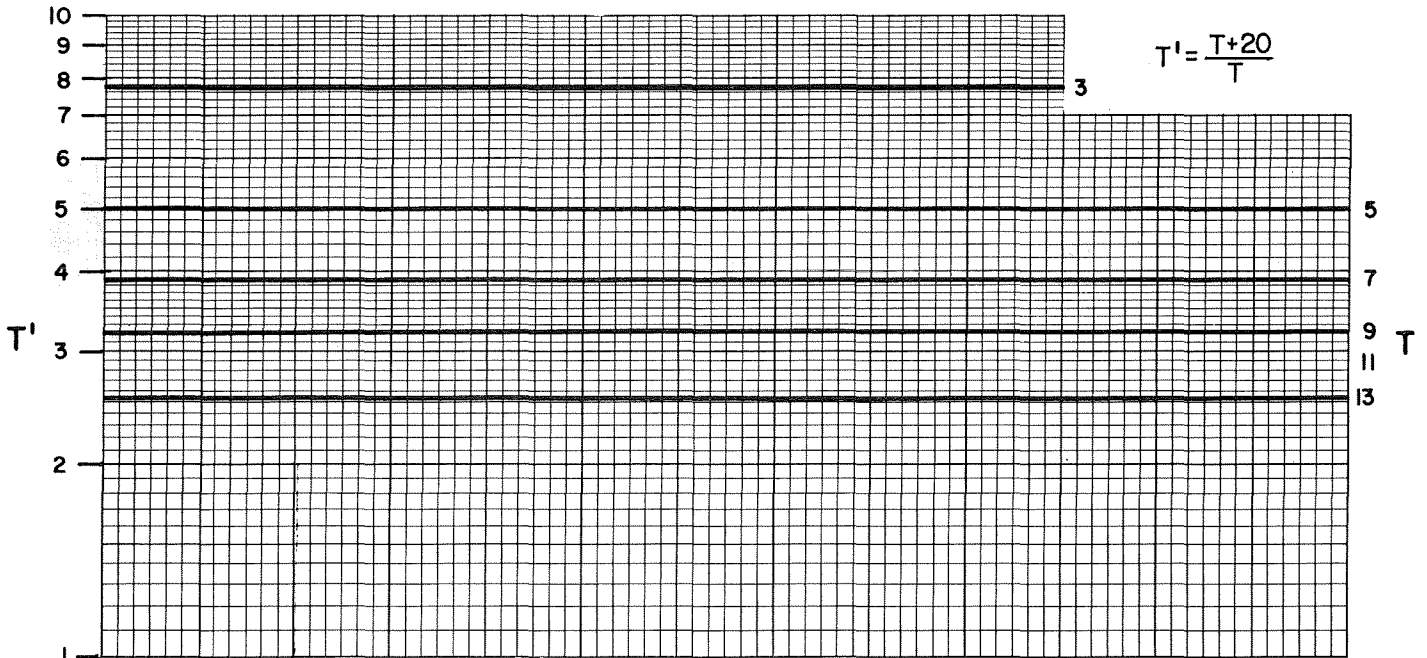
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

Northing										Easting										Elev									
20.3										13,95										4320									
																				F									

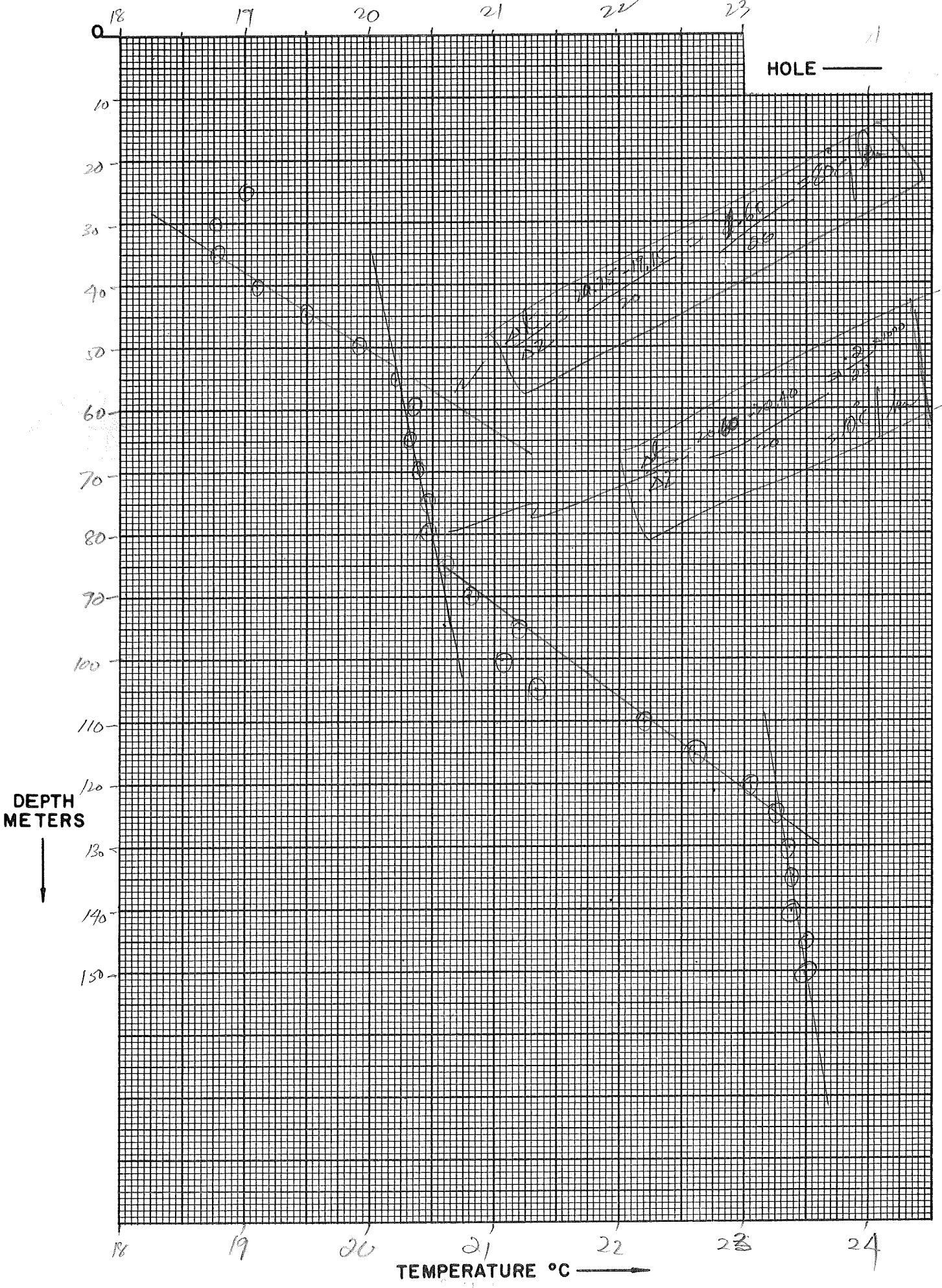
Write M if meters

Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE



DM R2 F16

AMAX EXPLORATION, INC.

48⁰⁰/km



TEMPERATURE/DEPTH LOG

ΔT Well No. A79

Property-Project 566 Depth Logged _____

Map Edwards Creek Valley Scale 15' Date: Drilled _____ Logged 6/20/78

State NV County Churchill, _____ of _____ of NW of NW of Sec 11 T 19N R 38E

Instrument DT-101 Operator WDM Elevation 5305 (ft/m)

Comments recheck of well probed summer '77 EDWARDS CK. VALLEY #1

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1-10: 566	11-20: 20	21-30: 6	31-40: 28	41-50: CM	

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

Card A

Site Description																																																		Operator					Editor					DA			MO			YR		
[Blank]																																																		WDM					[Blank]					[Blank]			[Blank]			[Blank]		

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

Card B

Scale Unit	Map Size	N Lat	W Long
21-25: 2 CM	26-30: 15.	31-35: 39.5	36-40: 117.75

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
51-55: 5.9	56-60: 9.7	61-65: 5305.

Write M if meters

Use decimals

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21-25	26-30	31-35	36-40

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

Segment 2

Start	End	K	ΔK
51-55	56-60	61-65	66-70

Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

Segment 8

Segment 9

Segment 10

After final segment Start = .999

12.12

HOLE ———

$$\frac{14.15 - 13.06}{42.5 - 20} = \frac{1.09}{22.5} \times 1000$$
$$= 48.4 \text{ } ^\circ\text{C}/\text{km}$$

DEPTH
METERS



20

40

30

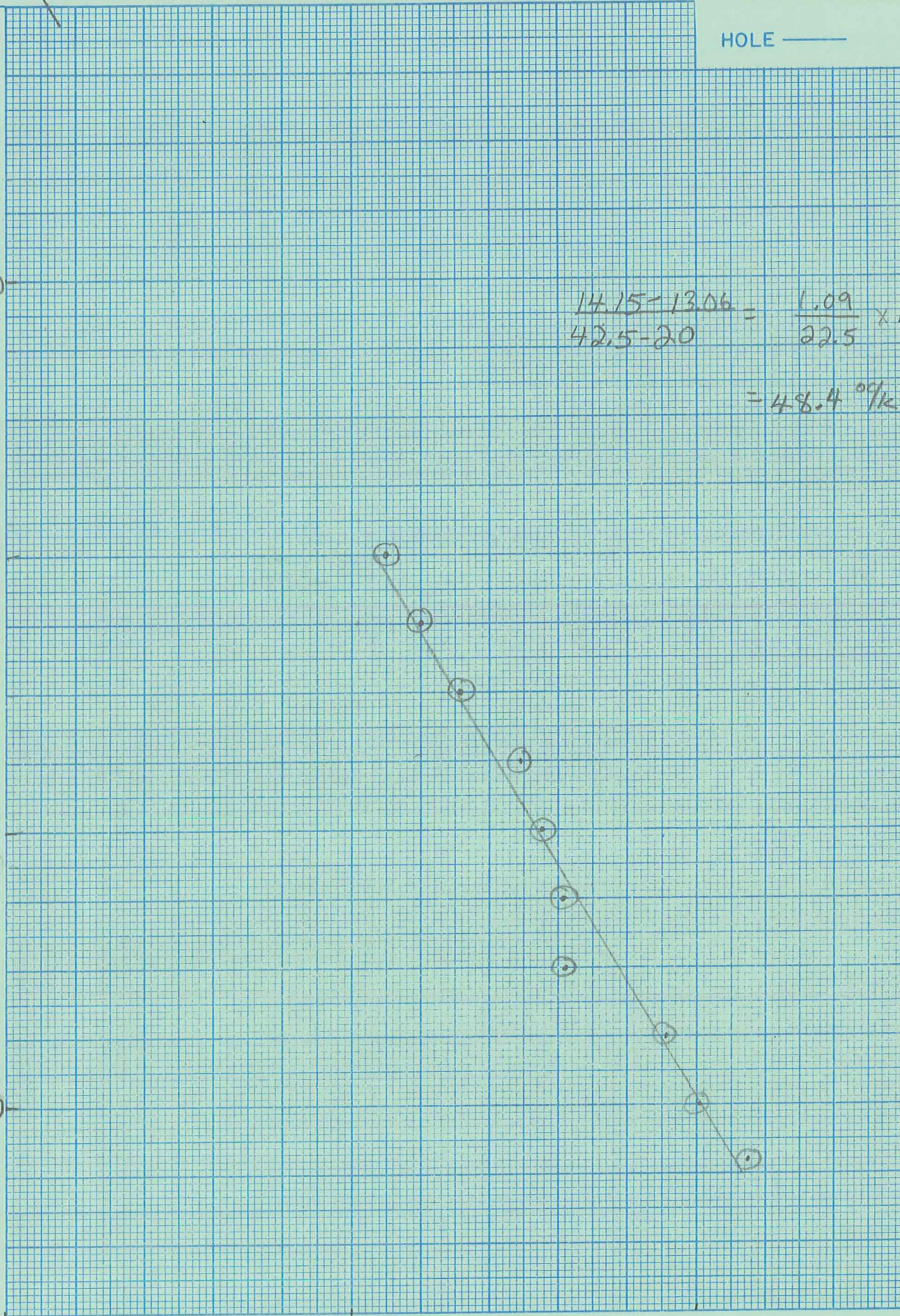
40

12

13

14

TEMPERATURE °C ———>



Date Logged: 6/20/78

ΔT Well No. Δ79

EDWARDS CK. VALLEY #1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
42		14.15				Air	Gal
40		14.08	.07	35			
37.5		13.91	.17	68			
35		13.62	.29	116			
32.5		13.62	0	0			
30		13.56	.06	24			
27.5		13.49	.07	28			
25		13.32	.17	68			
22.5		13.2	.12	48			
20		13.1	.1	40			

TEMPERATURE DEPTH LOG

127 °/km Δ79 ✓

ΔT Well No. EC1

Property-Project 566 Depth Logged 50m

Map Edwarda Creek valley Scale 15' Date: Drilled ? Logged 7/21

State Nev. County Churchill Section NWNW 11T19N R 38E

Instrument DT-101 Operator DM Elevation 5350 ft.

Comments steel cased well - spot checks made while

COMPUTER PROCESSING

reeling probe up gave substantially different temperatures

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	
0	0	0	2						7	9										C

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

Card A } 9002

Site Description																				Operator		Editor																	
21	22	23	24	25	26	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
OFF HWY. 50 53 KM W OF AUSTIN																				DM		DM																	

Card B }

Map Location ^Δ

Scale Unit	Map Size	N Lat		W Long																																						
in	(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													
C	M	15.		37.	20.	22.				11	7.	45.	0																													

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

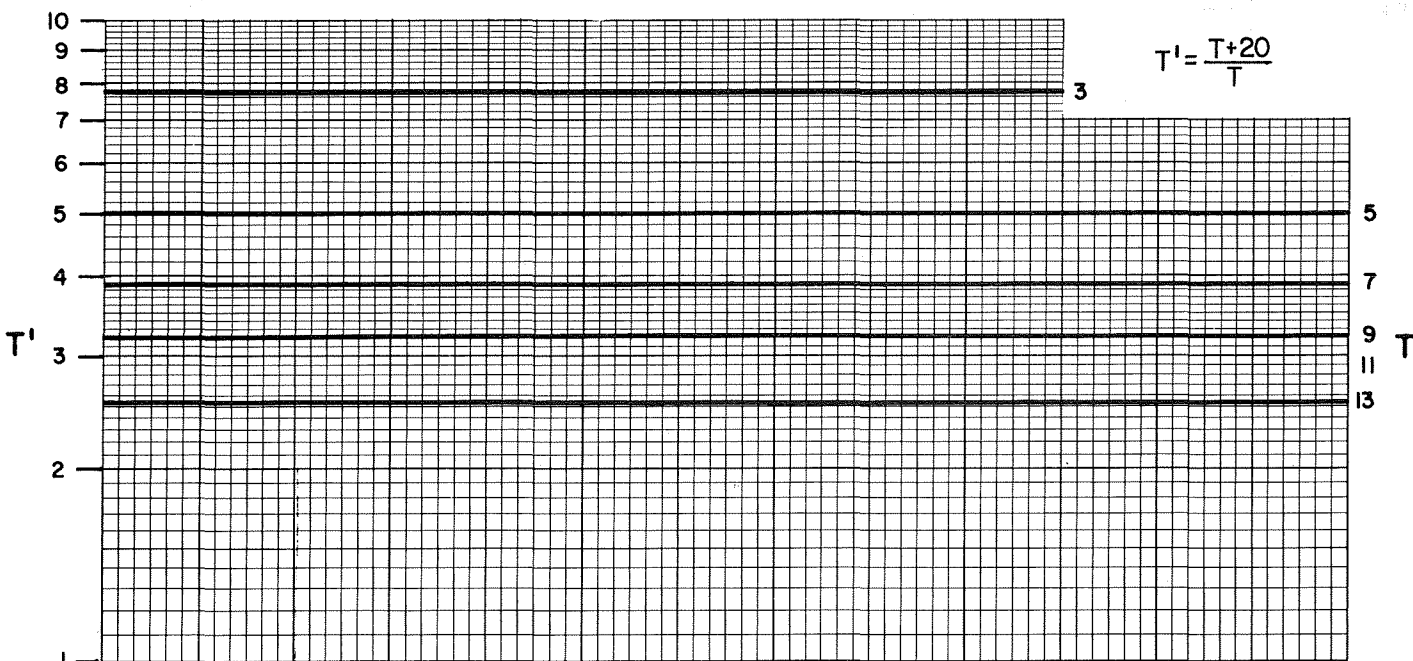
Use decimals

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
11.3										17.										5350									

Write M if meters

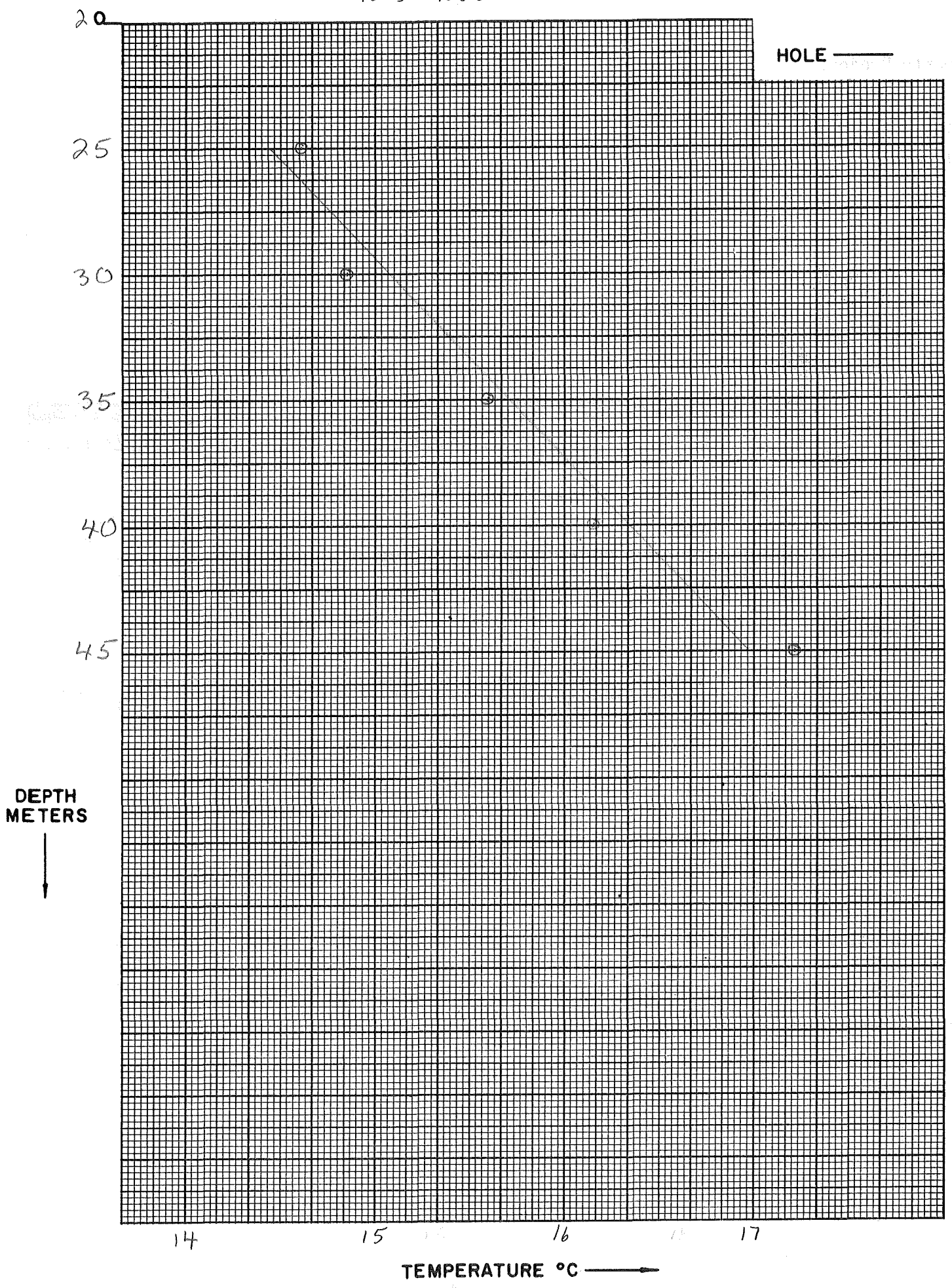
Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{16.97 - 14.43}{.045 - .025} = \frac{2.54^\circ}{102 \text{ km}} = 127 \text{ }^\circ\text{C/km}$$



51 °/km Δ81 ✓

TEMPERATURE DEPTH LOG

Δ Well No. EC3

Property-Project 566 Depth Logged _____
 Map Shwards Crest Valley Scale 15' Date: Drilled _____ Logged 7/21
 State Nevada County Churchill Section NWNW 11 T 19N R 38E
 Instrument DT-101 Operator DM Elevation 5805 ft.
 Comments steel cased well

COMPUTER PROCESSING

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										
0	0	2																											
9002										NEV 81										CM									

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

Card A

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
OFF HWY. 50																														5.2 KM W OF AUSTIN																				DM					DM				

Map Location

Scale Unit		Map Size		N Lat		W Long																							
in	cm	(7.5, 15, 60)	Degree	Min	Degree	Min																							
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
CM		15.		34.		117.		45.																					

Use decimals

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

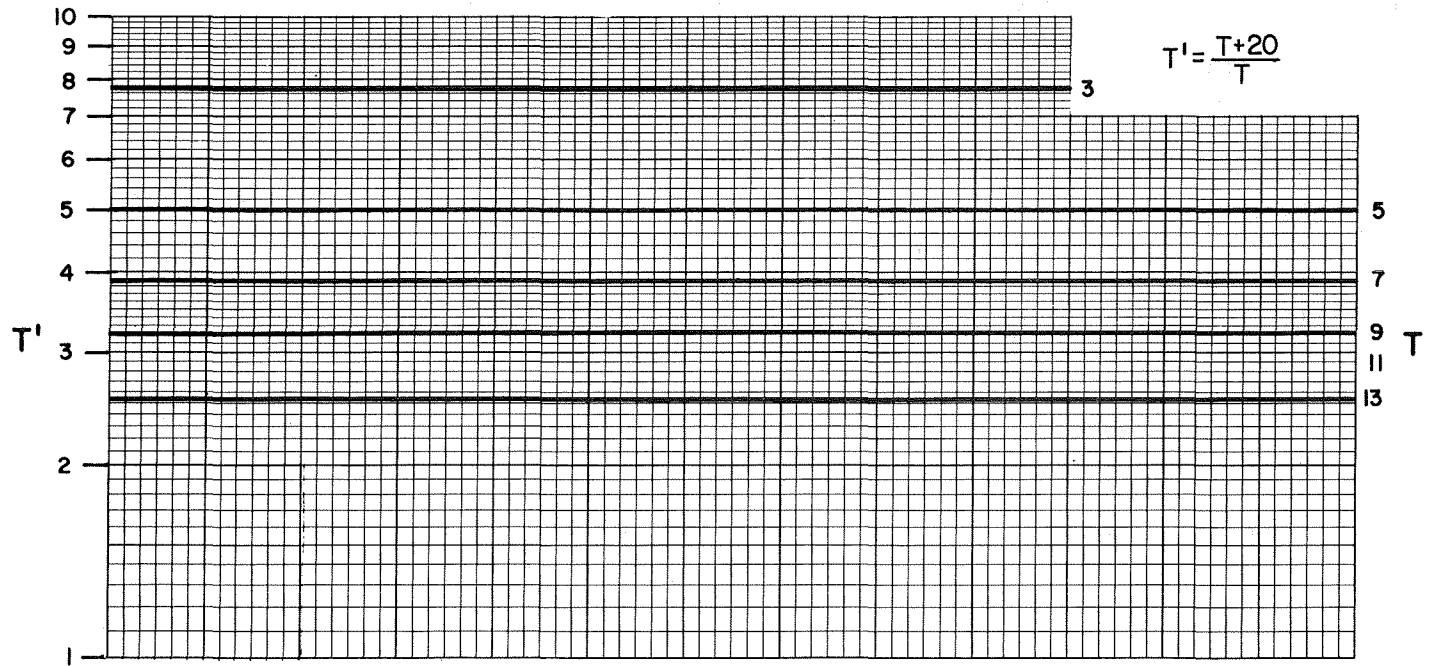
Northing										Easting										Elev									
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
6.										9.7										5805.									

Use decimals

Write M if meters

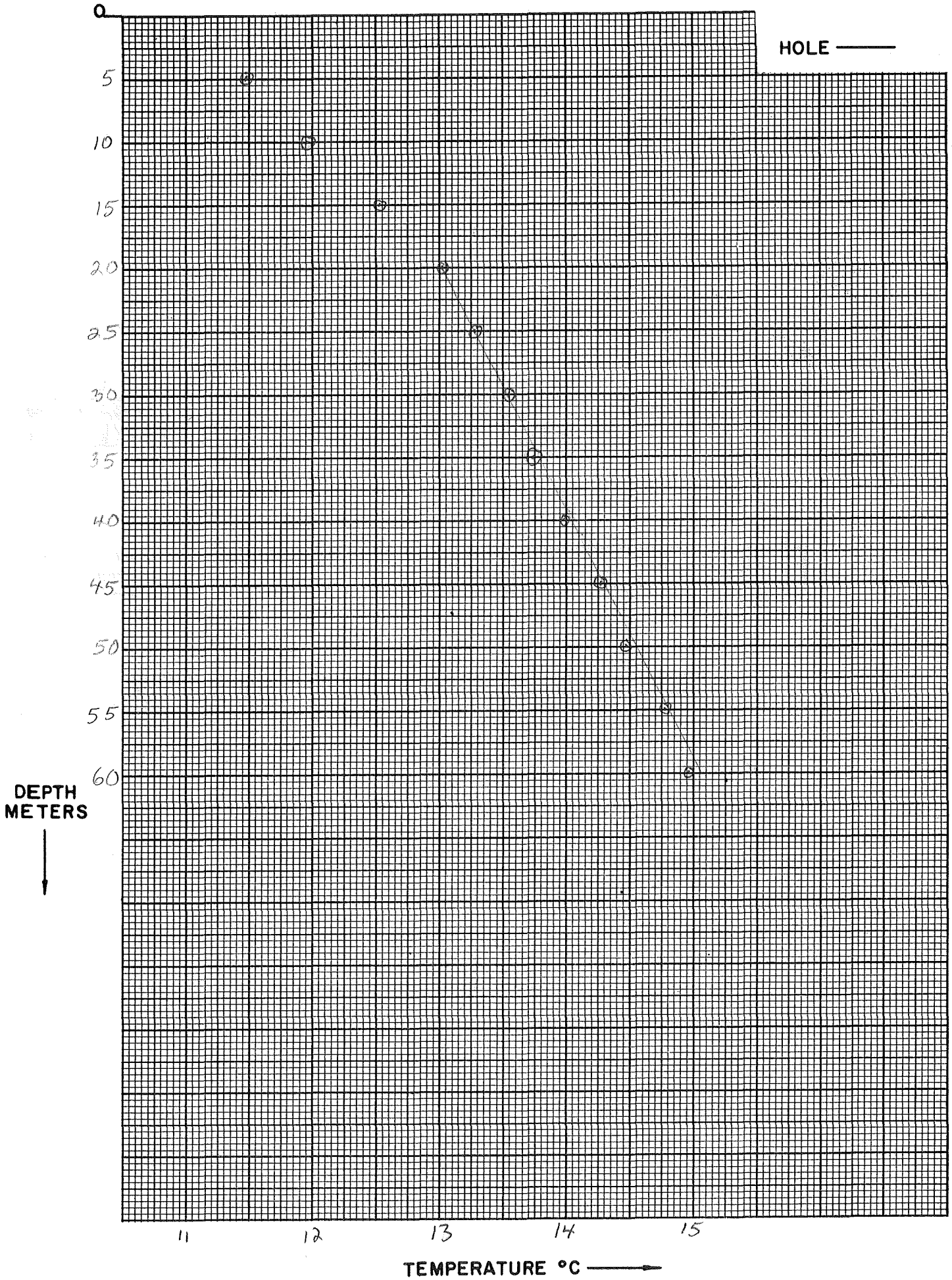
Card B

AIR TEMPERATURE MEASUREMENTS

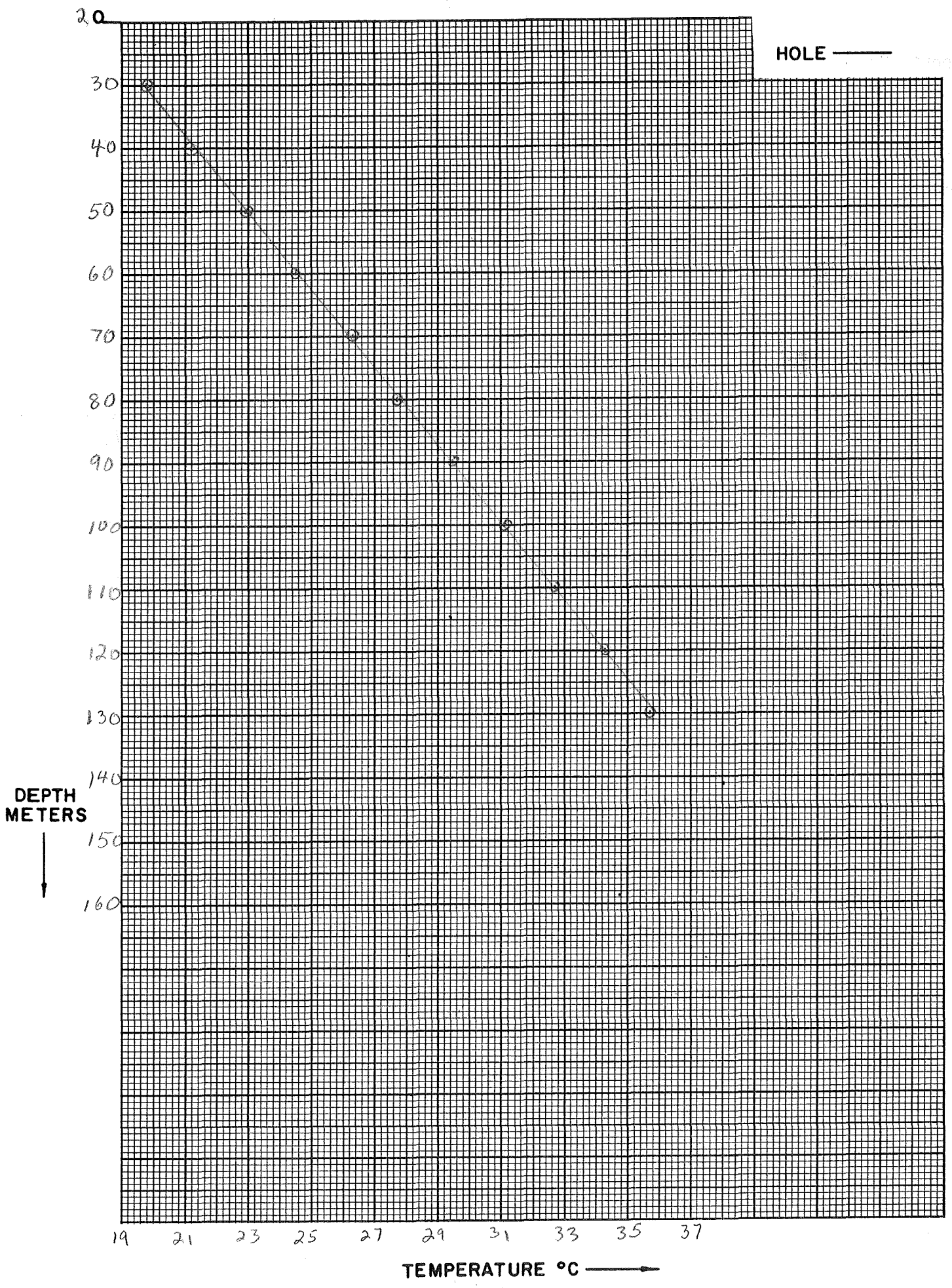


RESISTANCE / TEMPERATURE

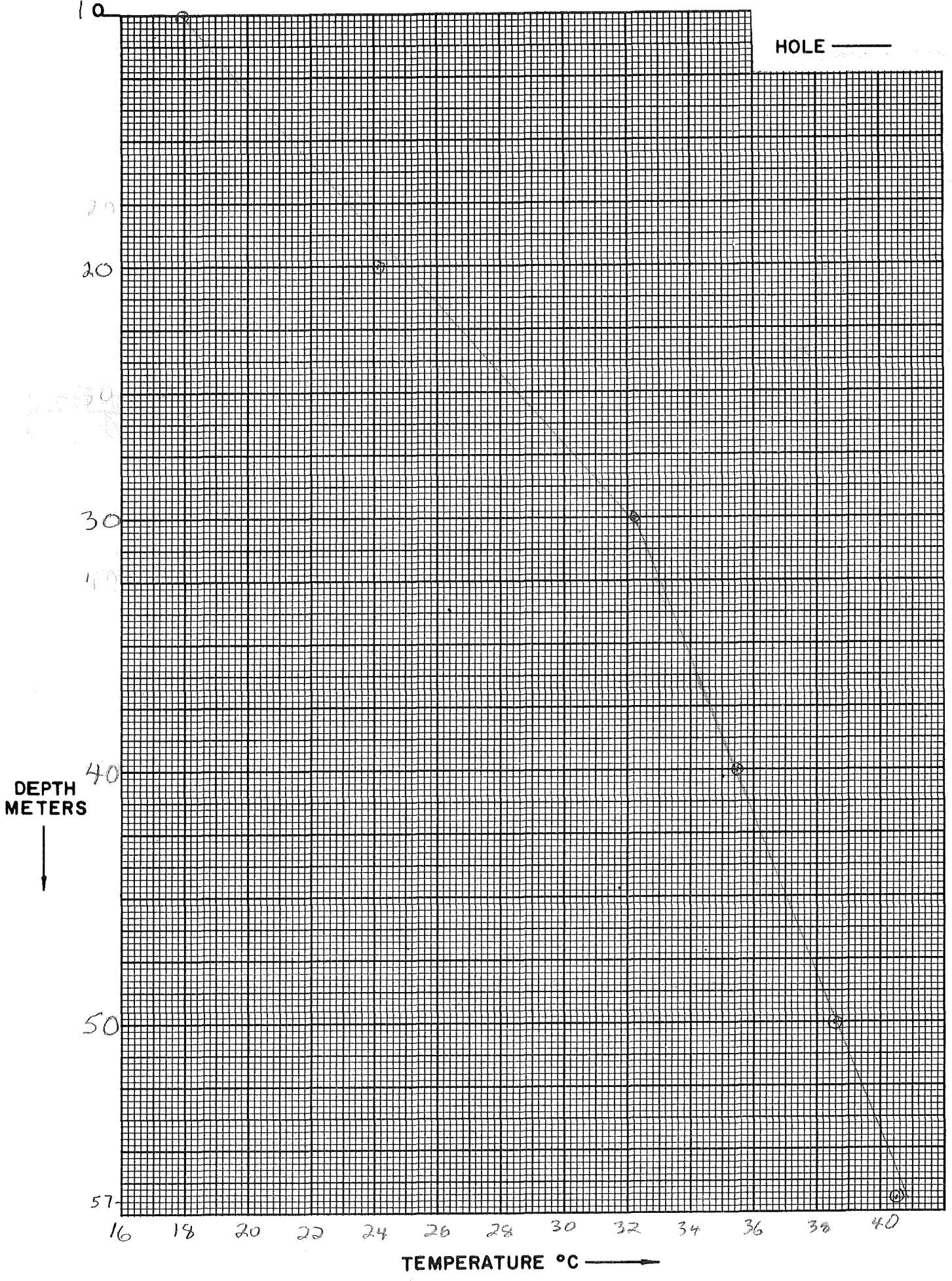
$$\frac{15.05 - 13.02}{.06 - .02} = \frac{2.03^\circ}{.04\text{km}} = 51.25^\circ/\text{km}$$



$$\frac{35.83 - 19.7}{.13 - .03} = \frac{16.13^\circ}{.1} = 161^\circ/\text{km}$$



$$\frac{40.85 - 32.23}{.057 - .03} = \frac{8.62^{\circ}\text{C}}{.027\text{km}} = 4319^{\circ}\text{C/km}$$



Date Logged: 7/26ΔT Well No. MM1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		17.95					
20		24.1	6.15	6.15			drifting
30		32.23	8.13	8.13			"
40		35.5	3.27	3.27			
50		38.55	3.05	3.05			
57		40.5	1.95	2.79			bottom
99999,							
							K = 5.0 ± 0.5
							Inverted Fm

K=Conductivity

TEMPERATURE DEPTH LOG

199 °/km

Δ85 ✓

ΔT Well No. MM2

Property-Project 566

Depth Logged 34.5m

Map Gilbert Creek SW Scale 7 1/2' Date: Drilled ?

Logged 7/26/77

State Nevada County Churchill Section -

T 23 N R 40E

Instrument DT-101 Operator DM

Elevation 5080 ft.

Comments uncased drill hole near old Hg vein

COMPUTER PROCESSING

RT JUSTIFY: Proj No. Well No. Date Logged

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																				
9002										85										7										CM									

Card A } 9002

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
DRILL HOLE																														ACROSS VEIN																				DM					DM				

Card B } Scale Unit Map Location

in					Map Size					N Lat					W Long														
cm					(7.5, 15, 60)					Degree Min					Degree Min														
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
CM					7.5					39.45					117.30.0														

Use decimals

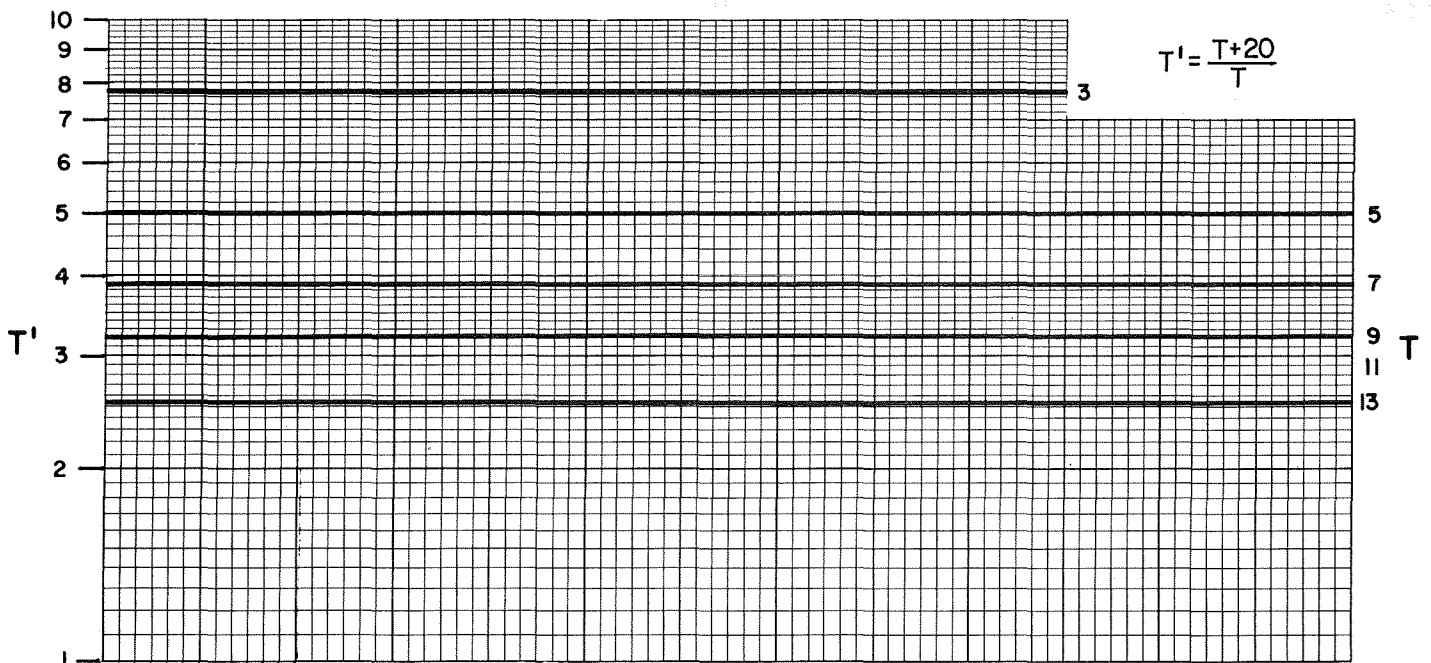
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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
52.2										2,350.80										F									

Use decimals

Write M if meters

AIR TEMPERATURE MEASUREMENTS



$$T' = \frac{T+20}{T}$$

RESISTANCE / TEMPERATURE

$$\frac{22.88 - 20}{.0345 - .02} = \frac{2.88^{\circ}}{.0145 \text{ km}} = 199^{\circ}/\text{km}$$

20

HOLE ———

25

30

DEPTH
METERS



34.5

35

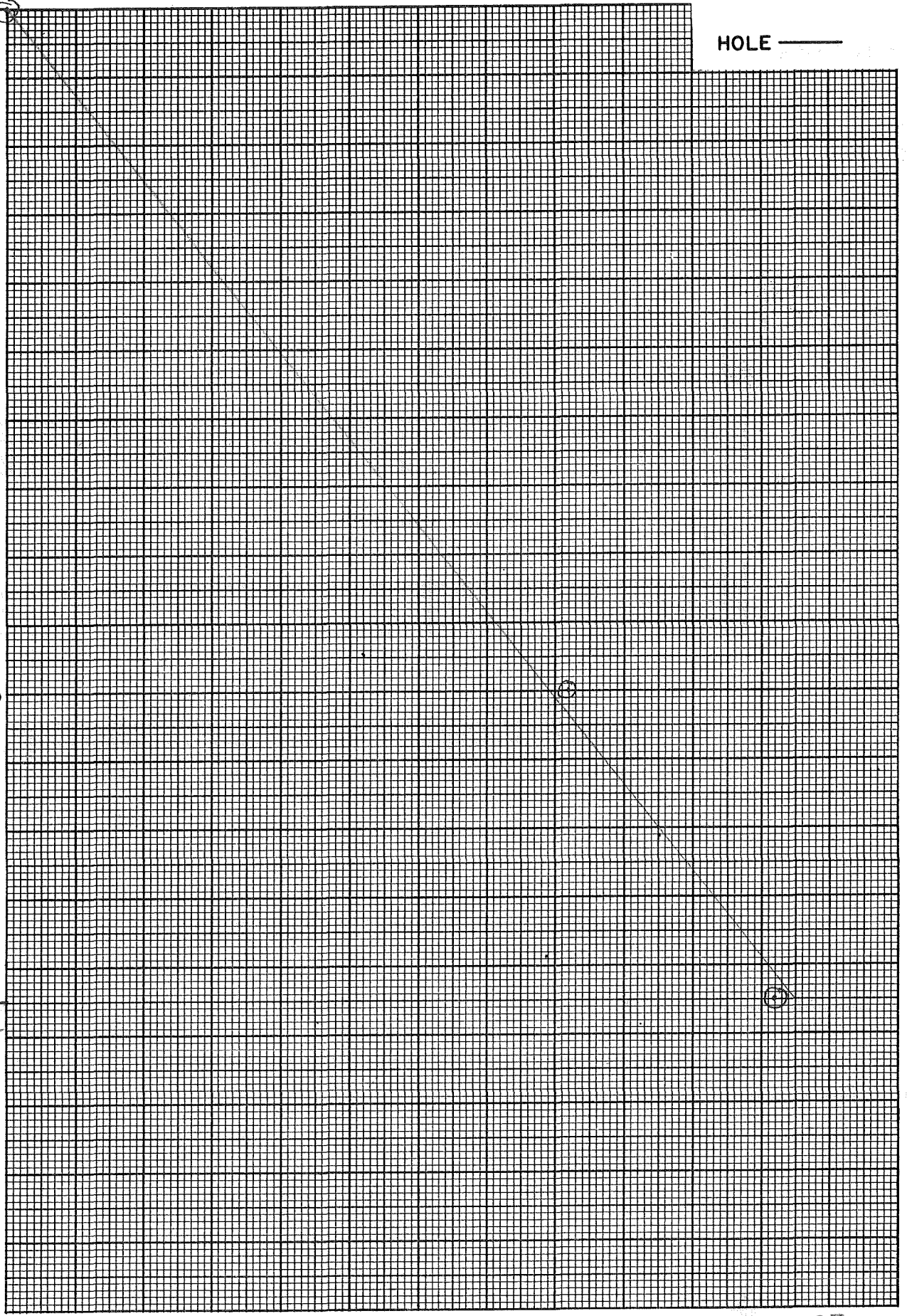
20

21

22

23

TEMPERATURE °C ———>



Depth (meters)	Temperature (°C)
20	20
30	22
34.5	23

Date Logged: 7/26

ΔT Well No. MM2

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
20		20.0					
30		22.05	2.05	205			
34.5		22.8	.75	167			bottom
99999.							
							K = 5.0 \pm 0.6
							Duvret

K=Conductivity

160.5 °/km

Δ86

TEMPERATURE DEPTH LOG

Property-Project 566 AT Well No. MM 3
 Map Gilbert Creek SW Scale 7 1/2' Date: Drilled ? Logged 7/26
 State Nevada County Churchill Section - T 23 N R 40 E
 Instrument DT-101 Operator DM Elevation 5040 ft.
 Comments uncased drill hole in silicified limestone - drifting
was a problem

COMPUTER PROCESSING

RT JUSTIFY: Card A

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

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

Site Description																																																		Operator		Editor	
21	22	23	24	25	26	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	DM	DM												
DRILL HOLE NEAR WILD HORSE MINE																																																					

Card B

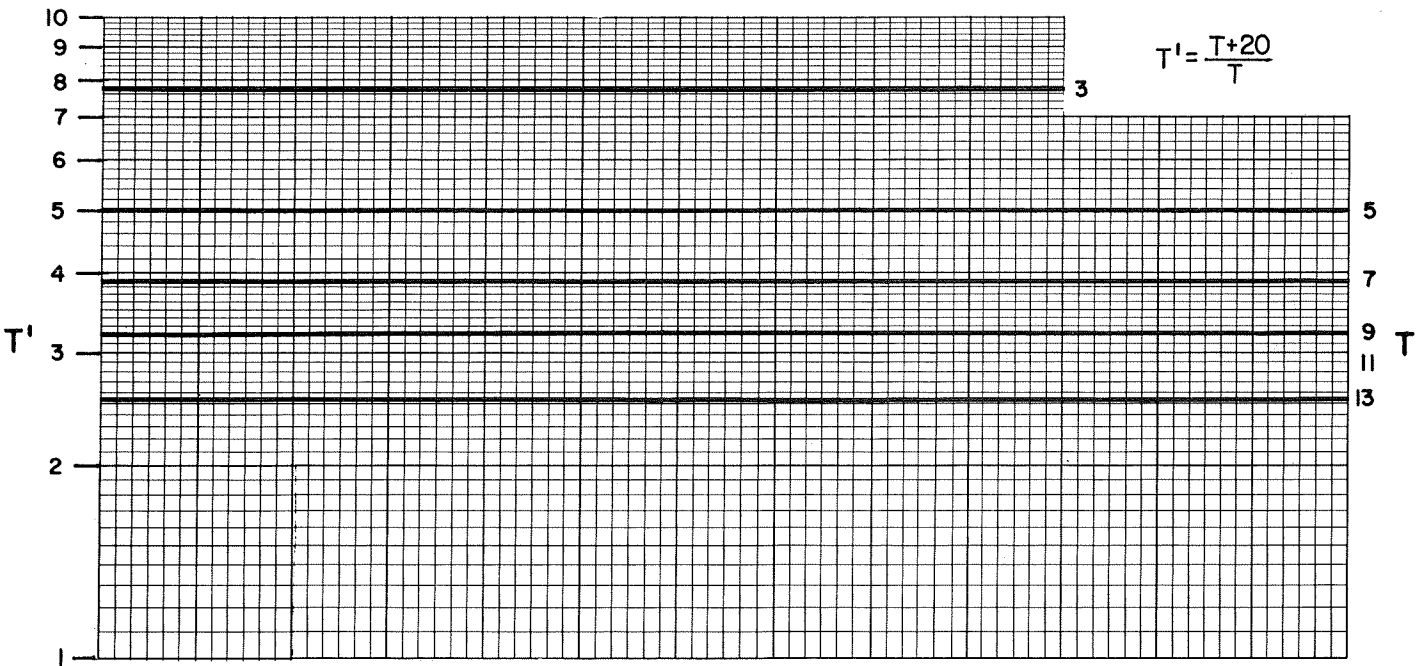
Scale Unit		Map Size		Map Location Δ		N Lat		W Long	
in.	cm.	(7.5, 15, 60)	Degree	Min	Degree	Min	Degree	Min	Min
CM		7.5	39	5	117	30			

Δ 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		F
53.7										2.9										5040											

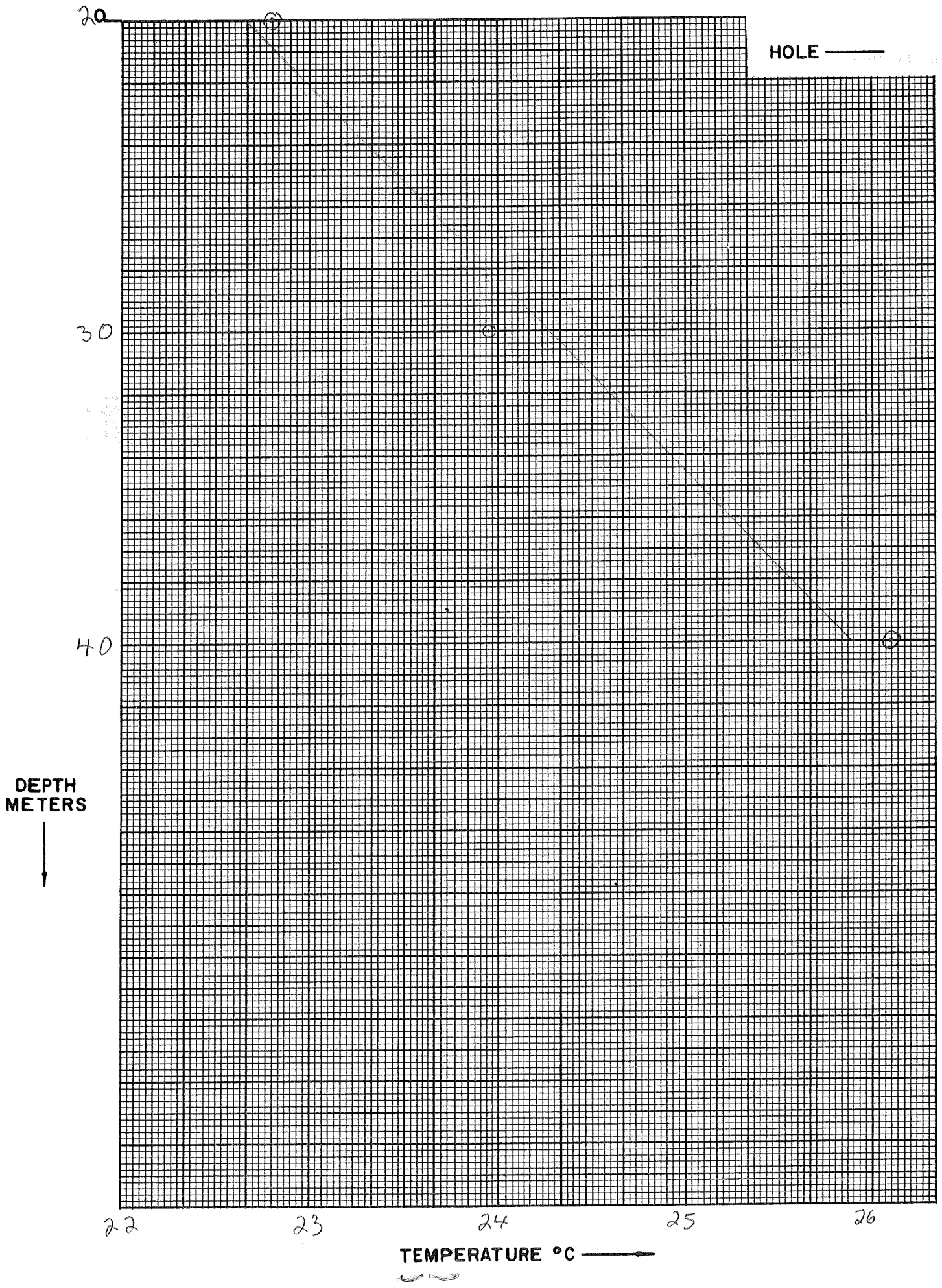
Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{25.88 - 22.67}{.04 - .02} = \frac{3.21^{\circ}}{.02 \text{ km}} = 160.5^{\circ}/\text{km}$$



109 °/km

Δ87

TEMPERATURE DEPTH LOG

ΔT Well No. MMS

Property-Project 566

Depth Logged 70m

Map Shoshone Meadows Scale 15' Date: Drilled ? Logged 7/26/77

State Nev. County Churchill Section NE 17 T 23N R 40E

Instrument DT-101 Operator DM Elevation 4920 ft.

Comments black vinyl pipe in cased drillhole S of McCoy Mine

COMPUTER PROCESSING

RT JUSTIFY: Proj No Well No Date Logged

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

Card A 9 002

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

Site Description																																																		Operator					Editor															
21	22	23	24	25	26	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	DM	DM																													
DH																					IKM										SW										OF					McCoy MINE															DM					DM				

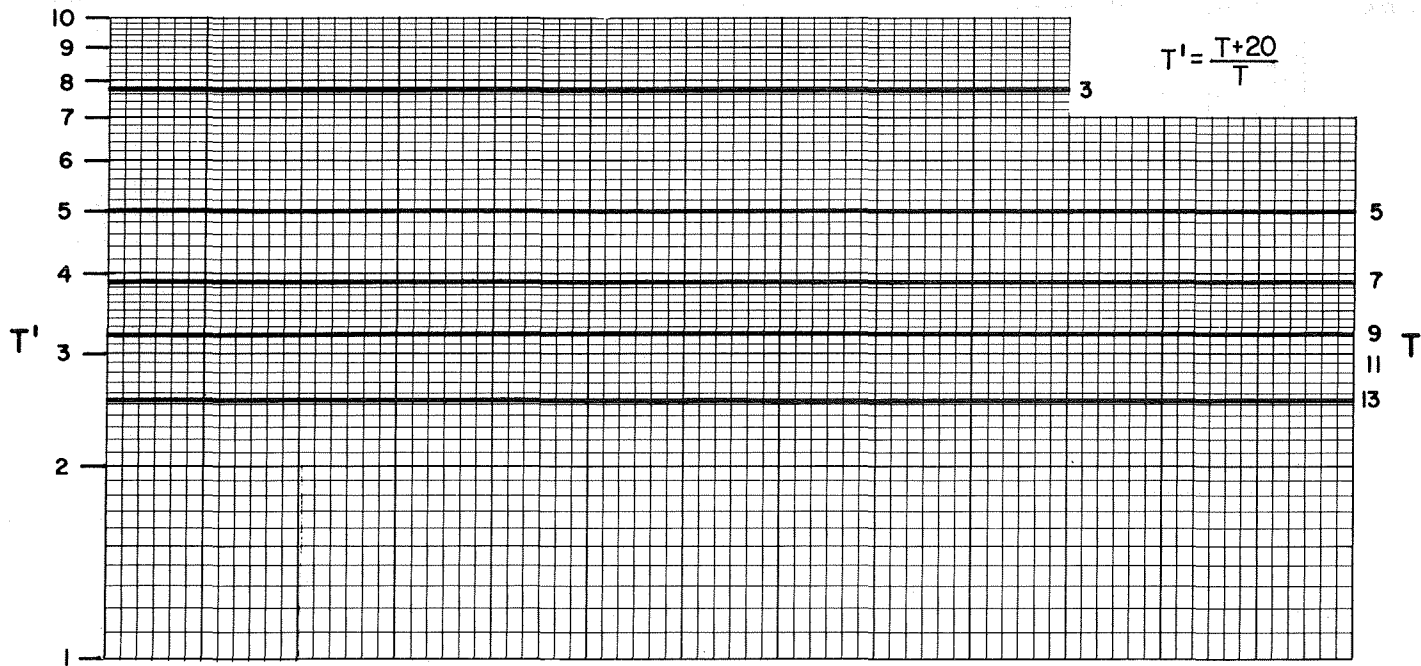
Card B

Scale Unit		Map Size		Map Location				N Lat		W Long		
in	cm	(7.5, 15, 60)	Degree	Min	Degree	Min	Delta Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)	Delta	Delta	Delta	Delta	
CM		15	39	45	11	7	45	10	Use decimals			

Northing										Easting										Elev										Write M if meters									
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	F									
19										34										4920										F									

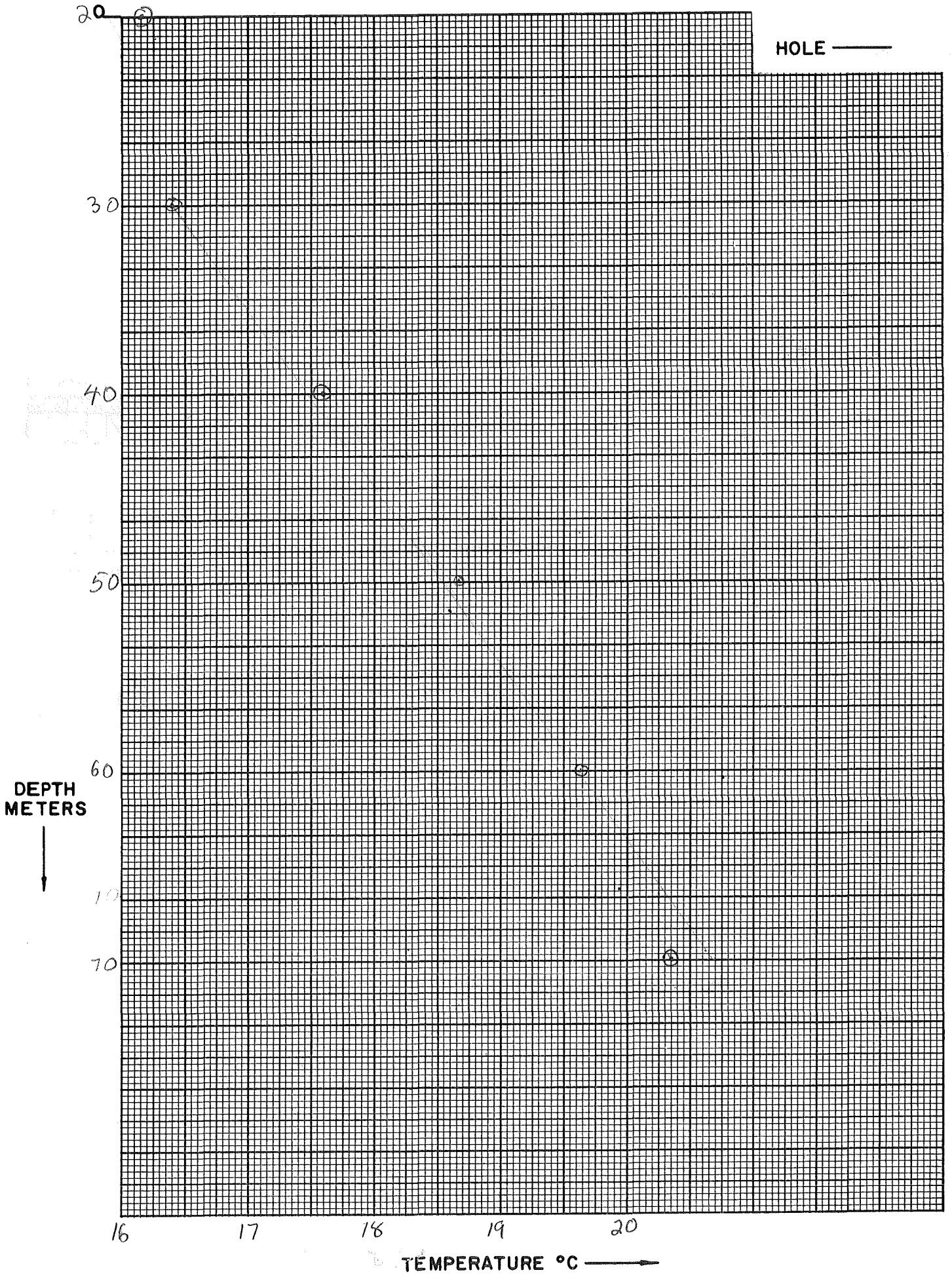
Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{20.77 - 16.4}{.07 - .03} = \frac{4.37^{\circ}\text{C}}{.04 \text{ km}} = 109^{\circ}\text{C/km}$$



Date Logged: 7/26

ΔT Well No. MM.5

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
20		16.15					drifting
30		16.4	.25	25			
40		17.6	1.2	120			
50		18.66	1.66	106			
60		19.64	.98	98			
70		20.35	.71	71			
99999.						H ₂ O	bottom
							K=5.0 \pm 0.5

K=Conductivity

48 °/km $\Delta 88$ ✓

TEMPERATURE DEPTH LOG

AT Well No. SE 61

Property-Project 566 Depth Logged _____

Map Gilbert Creek SE Scale 7 1/2' Date: Drilled ? Logged 7/27

State Nevada County Lander Section T22N R41E

Instrument DT-101 Operator DM Elevation 5408 ft.

Comments old windmill pipe

COMPUTER PROCESSING

RT JUSTIFY: Proj No Well No Date Logged

Proj No					Well No					Date Logged			*								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	*	
0	0	0	2		N	E	V	3	8	7	2	7								C	M

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

Card A

Site Description																																																							Operator					Editor				
21	22	23	24	25	26	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	DM	DM																							
EAST WELL IN ANTELOPE VALLEY																																																																

Card B

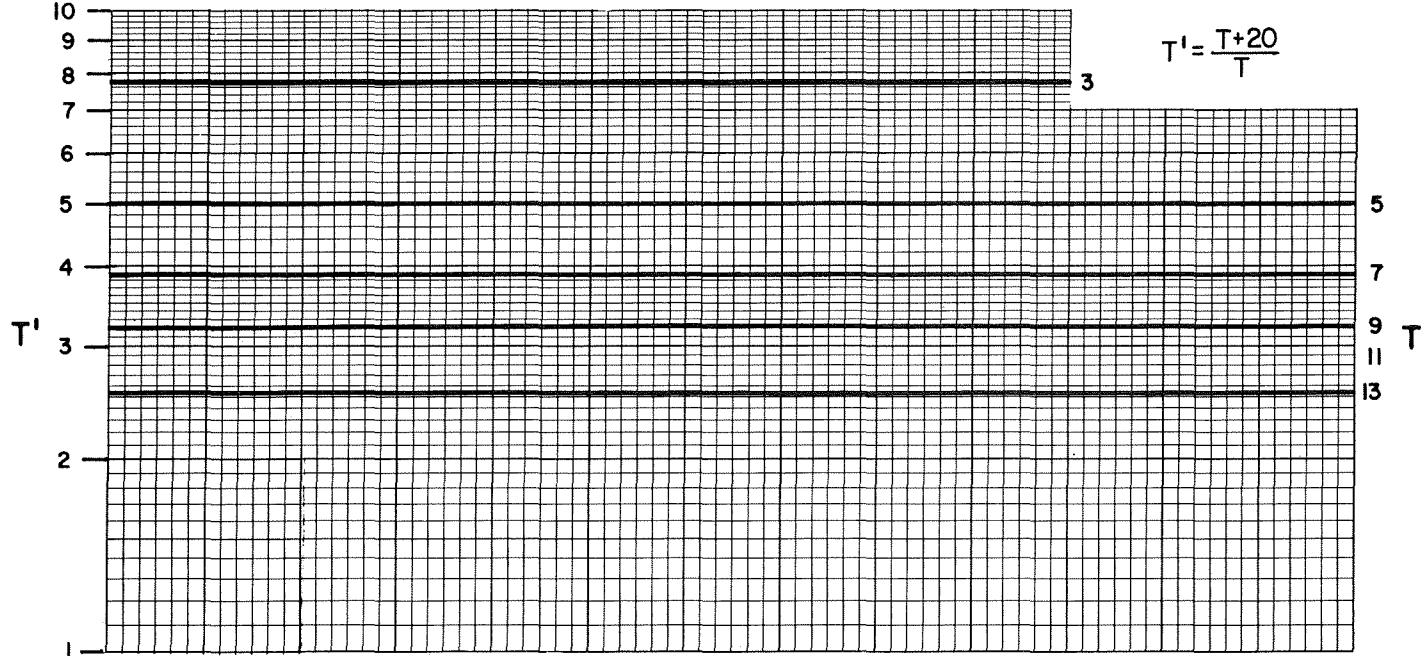
Scale Unit		Map Size		Map Location Δ																																
in	cm	(7.5, 15, 60)	N Lat		W Long																															
			Degree	Min	Degree	Min																														
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)						
CM			7	5	38	45	11	7	22	5																										

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	Write M if meters				
13										7.9										5408														

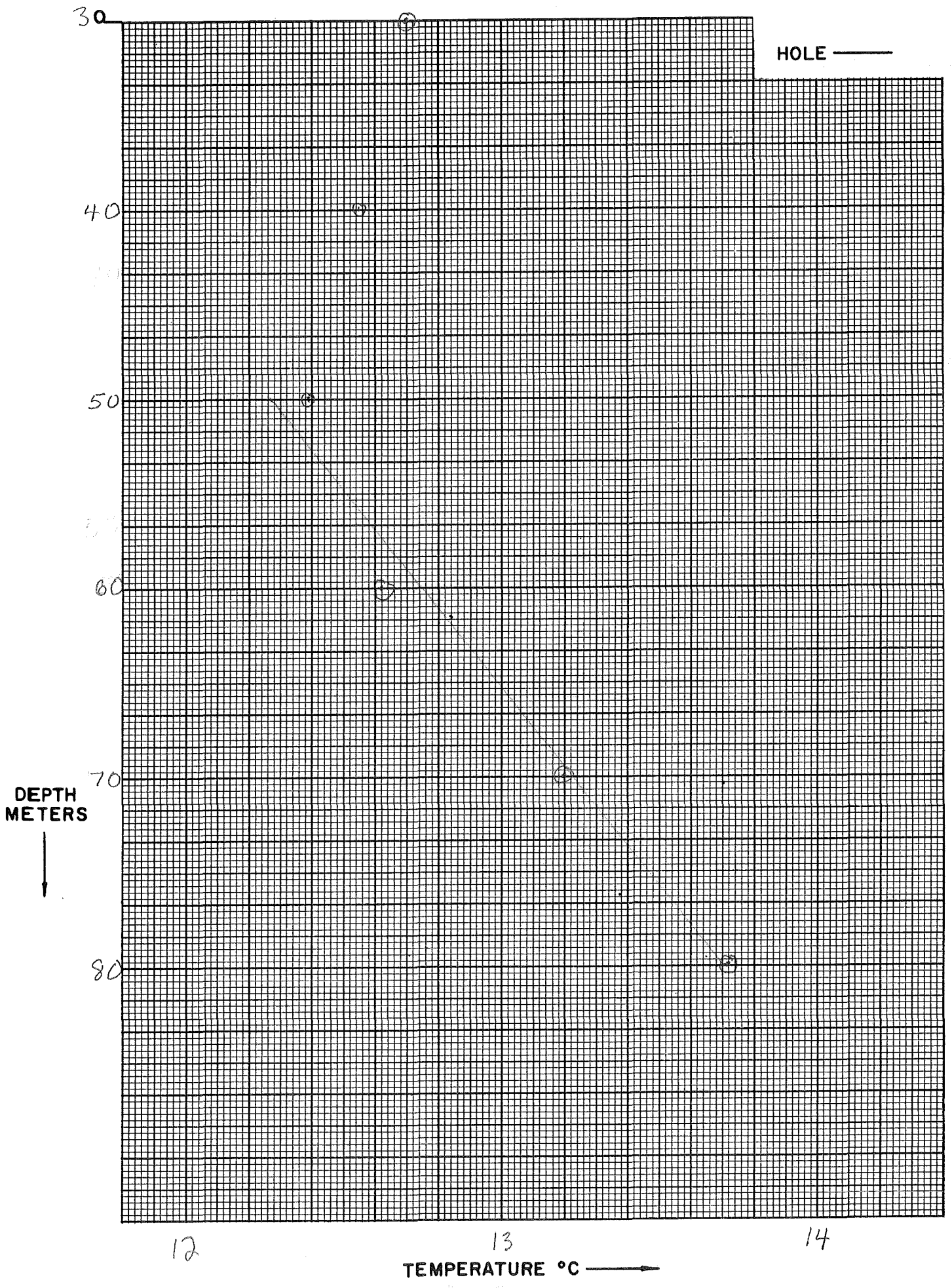
Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{13.71 - 12.27}{.08 - .05} = 48 \text{ } ^\circ\text{C}/\text{km}$$



Date Logged: 7/27 ΔT Well No. SEG1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
30		12.7					<i>Drifting</i>
40		12.55	-.15				
50		12.39	-.16				
60		12.62	.23	23			
70		13.2	.58	58			
80		13.72	.52	52			<i>bottom</i>
99999							
							$K = 4.0 \pm 0.5$

K=Conductivity

TEMPERATURE DEPTH LOG

46.25 °/km Δ90 ✓

Property-Project 566 AT Well No. BM
 Map Schwartz Scale 15' Date: Drilled _____ Logged 7/30
 State Nev. County Mineral Section SE17 T 11N R 27E
 Instrument OT-101 Operator DM & RH Elevation 5030 ft.
 Comments 6" steel well

COMPUTER PROCESSING

RT JUSTIFY: {

Proj No					Well No					Date Logged					*					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		16	17	18	19	20
9	0	0	2		N	V	9	0		3	0				7	7			C	M

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

Card A {

Site Description																																																							Operator					Editor				
21	22	23	24	25	26	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	DM	RH	DM																						

Card B {

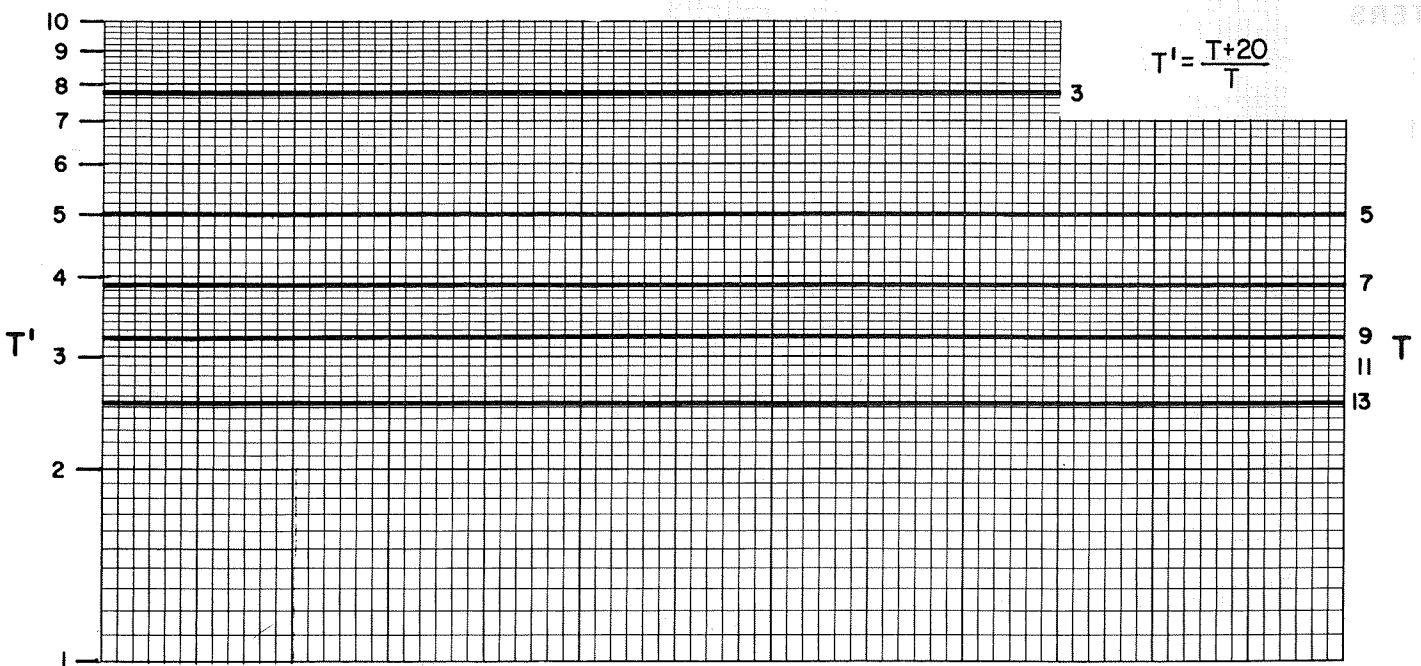
Scale Unit					Map Size					Map Location Δ					Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-) (E,+)																								
in.		cm.			(7.5, 15, 60)		N Lat			W Long																													
					Degree		Min			Degree			Min																										
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										

Use decimals

Northing										Easting										Elev					Write M if meters														
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									

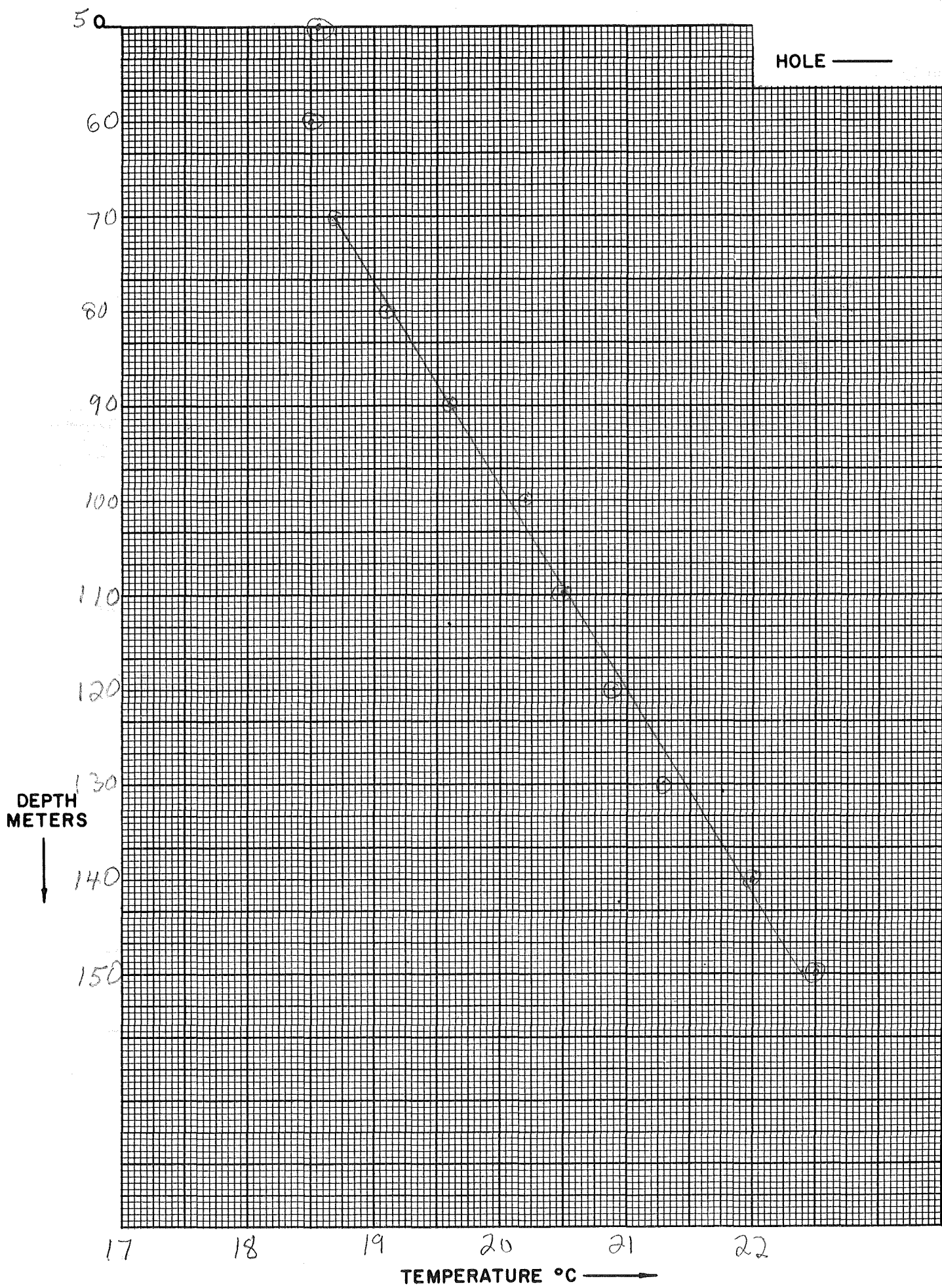
Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{22.4 - 18.7}{.15 - .07} = \frac{3.7^{\circ}\text{C}}{.08\text{ km}} = 46.25^{\circ}\text{C/km}$$



Date Logged: 7/30

ΔT Well No. BM

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
20		23.					<i>drifting</i>
30		20.8	-2.2				<i>"</i>
40		19.	-1.8				<i>"</i>
50		18.55	-.45				
60		18.5	-.05				<i>K = 4.5 ± 0.6</i>
70		18.7	.2	20			
80		19.1	.4	40			
90		19.6	.5	50			
100		20.2	.6	60			
110		20.5	.3	30			
120		20.9	.4	40			
130		21.3	.4	40			
140		22.	.7	70			
150		22.5	.5	50			<i>bottom</i>
99999.							

TEMPERATURE DEPTH LOG

Δ93

Groundspring #2 ✓

ΔT Well No. _____

Property-Project 566

Depth Logged _____

Map Brown Springs (7.5')

Scale _____ Date: Drilled _____

Logged 8/6/77

State Nevada

County Emeralda Section _____

T 4N R 39E

Instrument DT-101

Operator RBH

Elevation 5300 ft.

Comments _____

COMPUTER PROCESSING

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
9002										V93									
9002										CIM									

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

Site Description																																													Operator					Editor				
21	22	23	24	25	26	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															
2.5 KM WSW OF BROWN SPRINGS																																													RBH					DM				

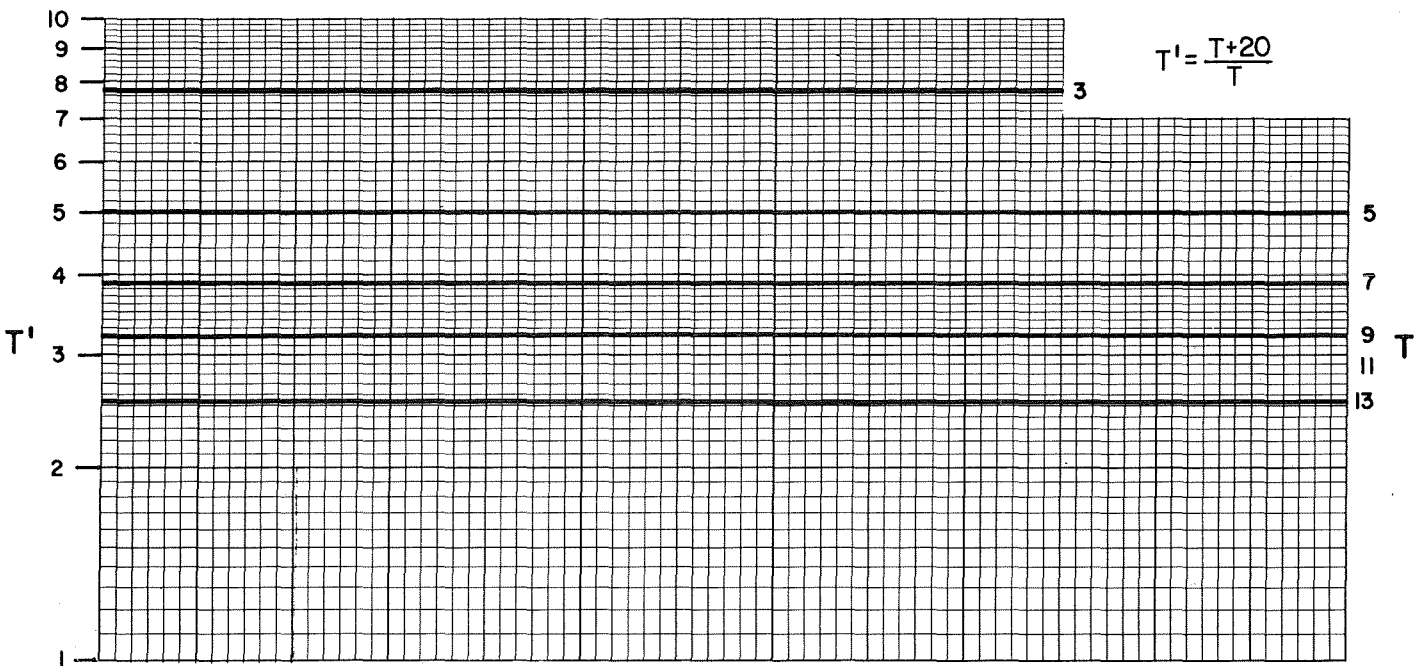
Scale Unit		Map Size		Map Location ^Δ		N Lat		W Long																					
in	cm	(7.5, 15.60)	Degree	Min	Degree	Min	Degree	Min																					
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
cm		7.5	2.0		7.5		117.3		7.5																				

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

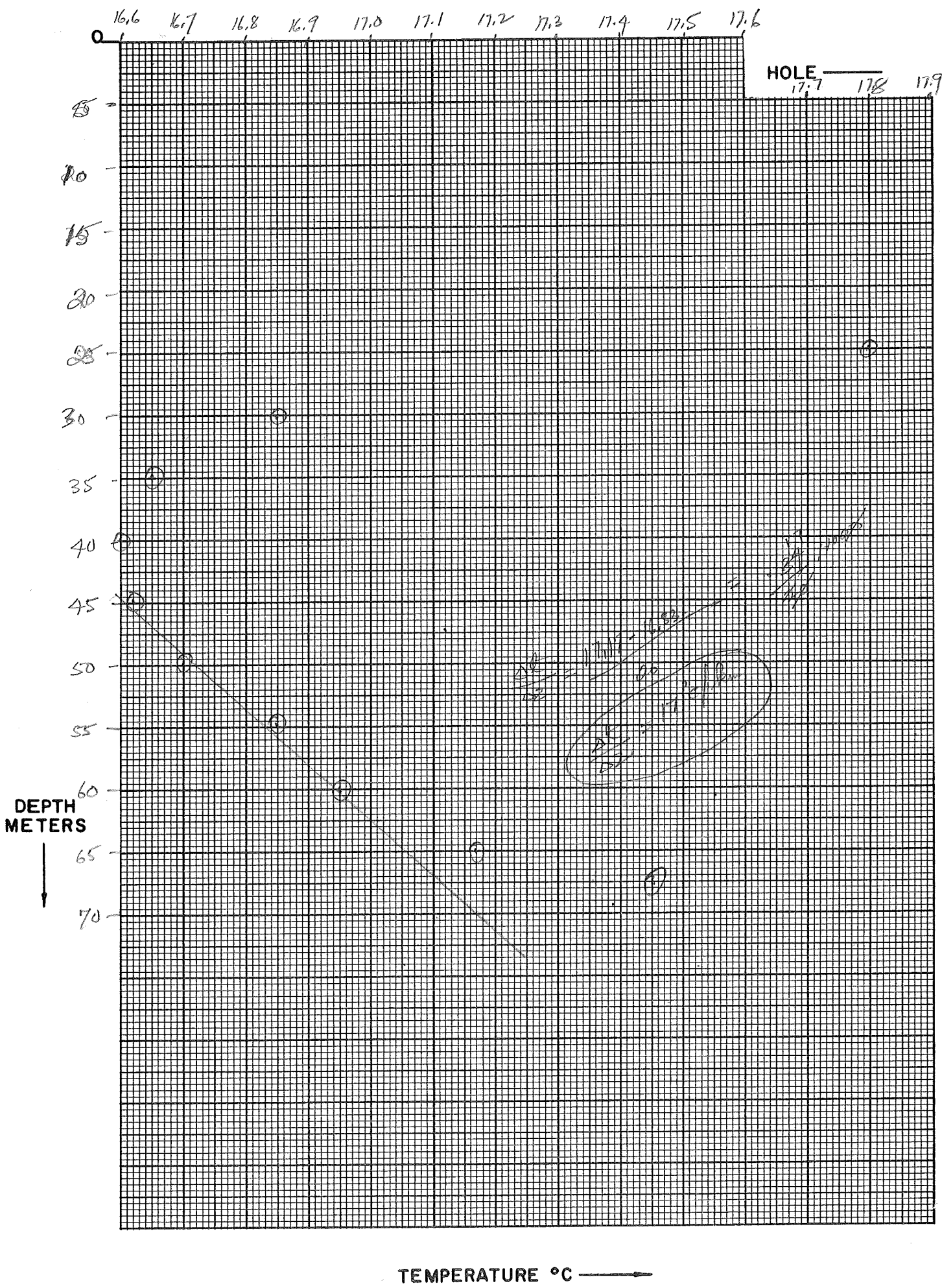
Northing										Easting										Elev									
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
53.7										22.7										5300									

Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE



Date Logged: 8/15/77

Gravel Spring # 2

ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10	Drifting					Air	
15	"					"	K = 1.3 ± 0.25
20	"					"	
25	"	17.8					
30	"	16.85	-				
35		16.65	-				
40		16.60	-				
45		16.62	+0.02	4			
50		16.70	+0.08	16			
55		16.85	+0.15	30			
60		16.95	+0.10	20			
65		17.17	+0.22	44			
67.5		17.45	+0.28				Hole bottom
99999.							

K=Conductivity

296 ✓✓

TEMPERATURE DEPTH LOG

ΔT Well No. 2

Property-Project 566

Depth Logged 230 m.

Map Big Ten Peak W. Scale 1:2400 Date: Drilled —

Logged 8/4/77

State Nevada County Nye Section —

T — R —

Instrument DT101 Operator DM & BW

Elevation 7200 ft.

Comments Uncased Drill Hole

COMPUTER PROCESSING

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
→																			
→																			
→																			
→																			
→																			
→																			
→																			

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

Card A

9002

Site Description																																													Operator				Editor	
21	22	23	24	25	26	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											
1.5KM S OF SHARP MOUNTAIN																																													DM				DM	

Card B

Scale Unit

in

cm

Map Size

(7.5, 15., 60)

Map Location Δ

N Lat

Degree

Min

W Long

Degree

Min

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

										N Lat		W Long							
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
→																			
→																			
→																			
→																			
→																			
→																			

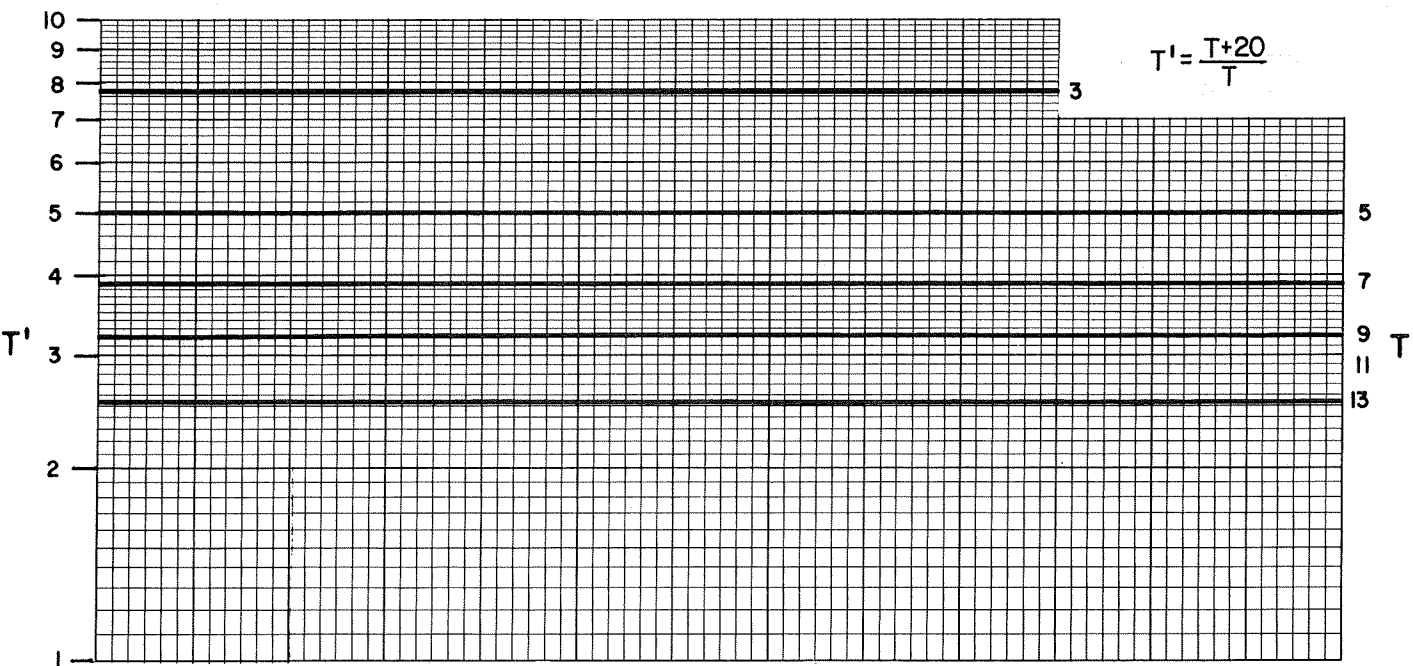
Use decimals

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
→										→										→									
→										→										→									
→										→										→									
→										→										→									
→										→										→									
→										→										→									

Use decimals

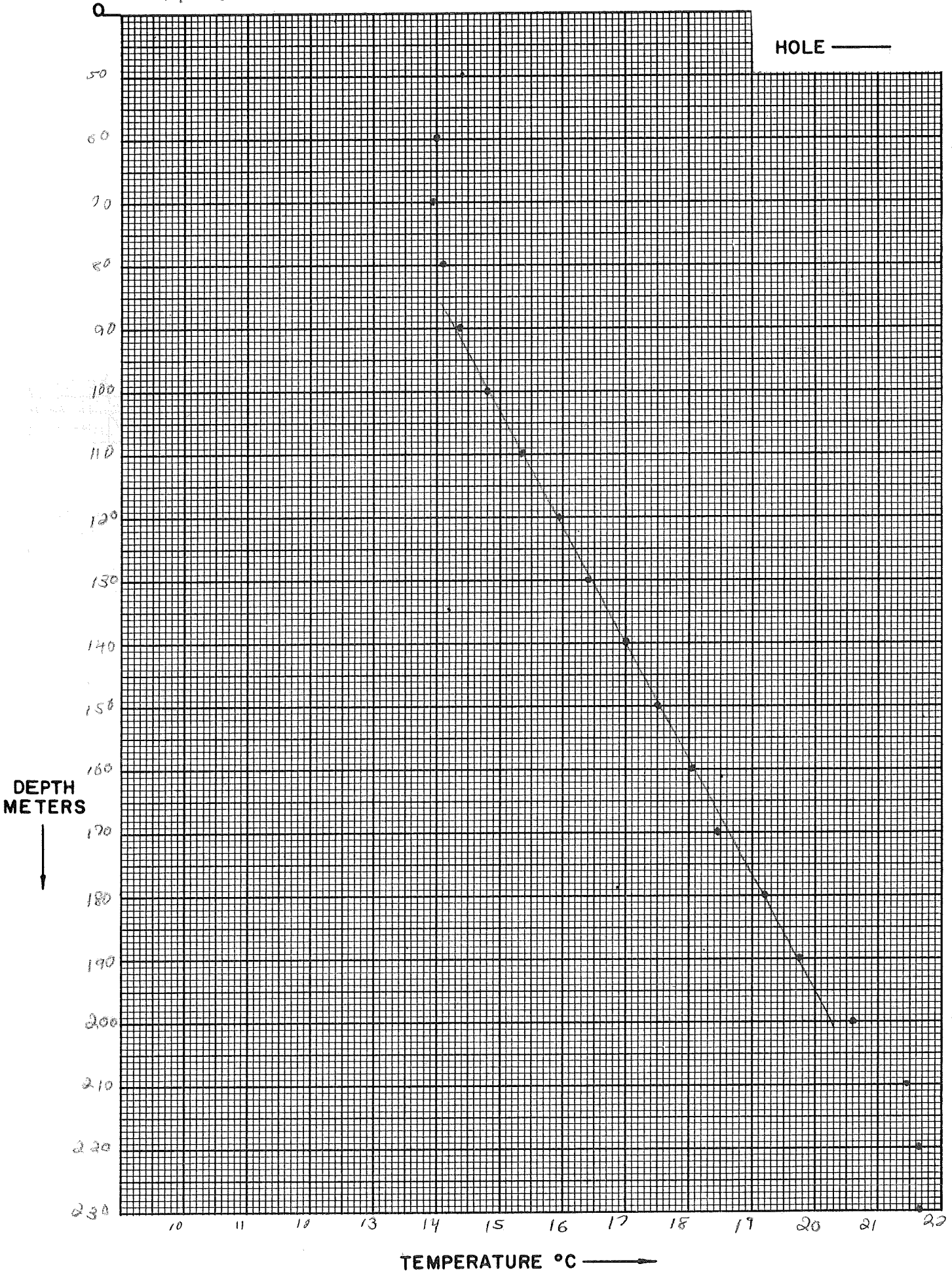
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{19.75 - 14.35}{190 - 90} \times 1000 = \frac{5.4}{100} \times 1000 = 54 \text{ }^\circ\text{C}/\text{km}.$$



Date Logged: 8/4/77 ΔT Well No. 2

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
50		14.4 4	-.4	-40		Air	* Drifting
60		14.0	-.06	6		"	
70		13.94	+.14	14		"	
80		14.08	+.27	27		"	K = 6.0 ± 0.5
90		14.35	+.45	45		"	Tend Acid
100		14.80	+.55	55		"	
110		15.35	+.60	60		"	
120		15.95	+.45	45		"	
130		16.40	+.60	60		"	
140		17.00	.50	50		"	
150		17.50	.55	55		"	
160		18.05	.40	40		"	
170		18.45	.75	75		"	
180		19.20	.55	55		"	
190		19.75	.85	85		"	
200		20.60	.86	86		"	
210		21.46	.18	18		"	
220		21.64	.00	00		H ₂ O	
230		21.64				H ₂ O	
99999,							

K=Conductivity

page 2 of 2

TEMPERATURE DEPTH LOG

097 ✓

ΔT Well No. 1

Property-Project 566 Depth Logged 35 m.
 Map Soda Lake Scale 1:60500 Date: Drilled — Logged 8/8/71
 State Nev. County Churchill Section NESW 32 T 20N R 28E
 Instrument DT101 Operator BCW Elevation 3890 ft.
 Comments 1 other hole with sealed cap, 2" stub pipe both holes

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No		Well No		Date Logged			*												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0002		N1V97		08	08	77	CM												

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
SODA LAKE																									BCW					DM																													

Card B

Scale Unit		Map Size		Map Location ^Δ																									
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		155	39	20	119	10																							

Use decimals

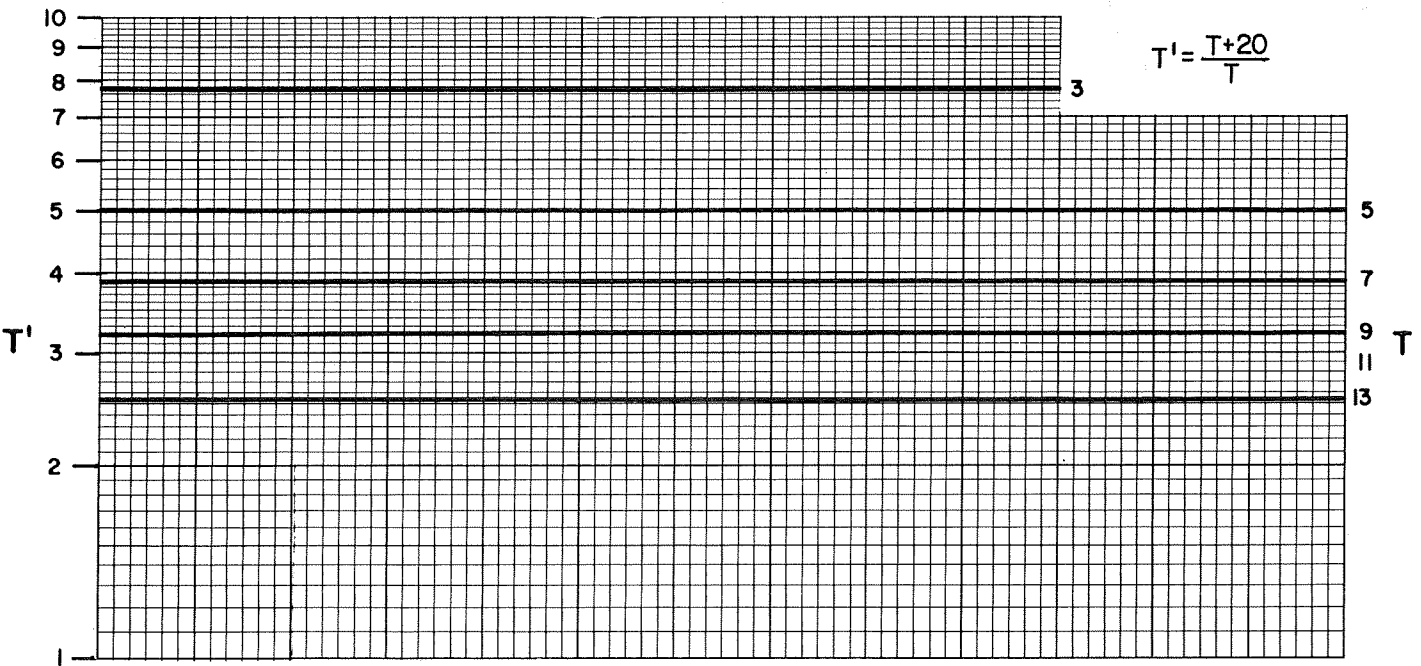
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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
9.45										18.00										3890					F				

Use decimals

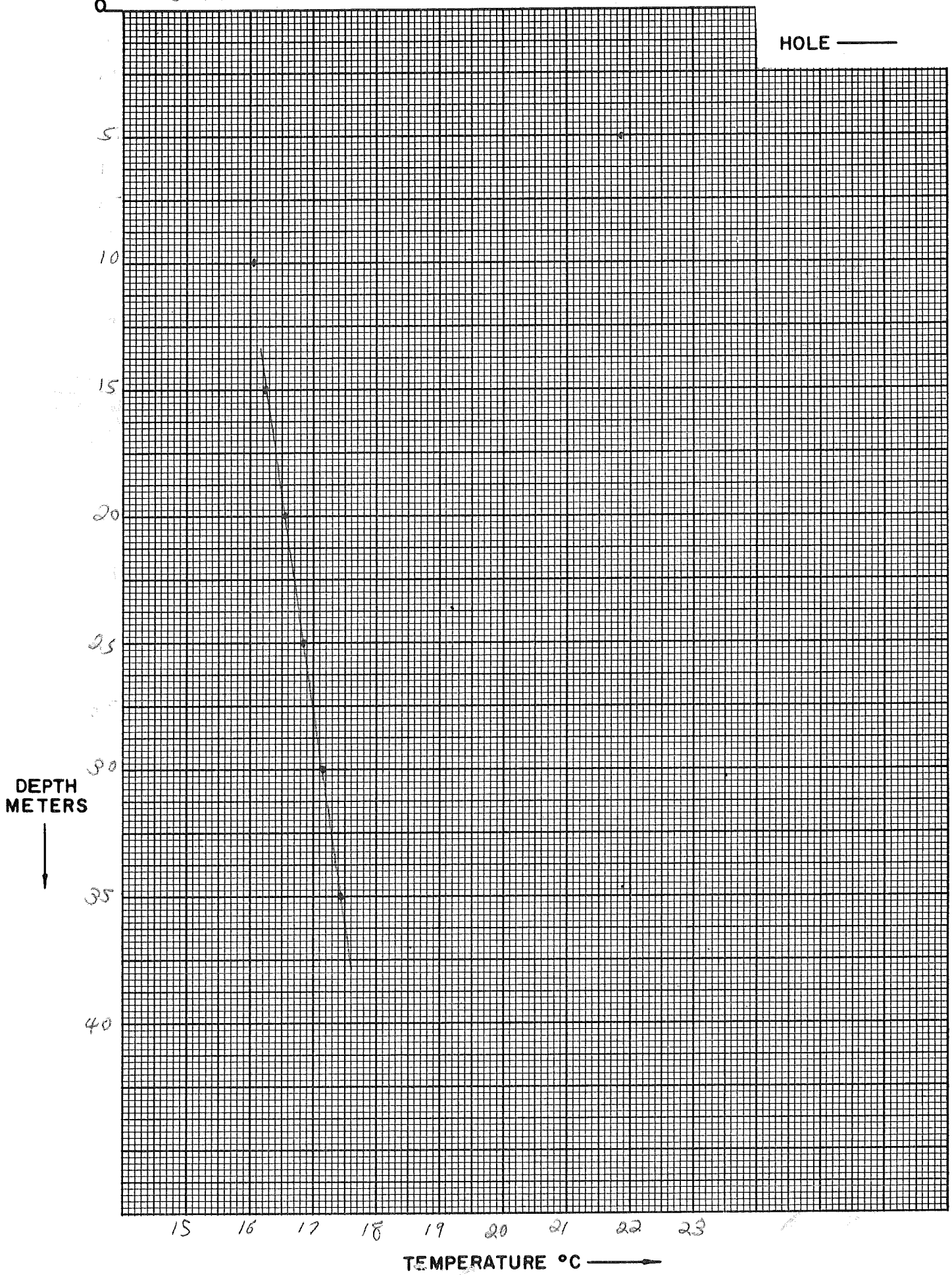
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{17.44 - 16.24}{35 - 15} = \frac{1.2}{20} \times 1000 = 60^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

$\Delta 98$ ✓✓

Property-Project 566 ΔT Well No. 2
 Map Soda Lake Scale 1:6250 Date: Drilled - Logged 8/8/77
 State Nevada County Churchill Section SENE 32 T 20N R 28E
 Instrument DT101 Operator BCW Elevation 4000 ft.
 Comments Another hole, 4 meters deep Both holes 2" Steel Pipe

COMPUTER PROCESSING

RT JUSTIFY: {

Proj No					Well No					Date Logged				
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	*	
0	0	2			N	1	9	8		8		7		C
9002														

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

Site Description																																																		Operator					Editor				
SODA LAKE																																																		BCW					JOM				

Card B {

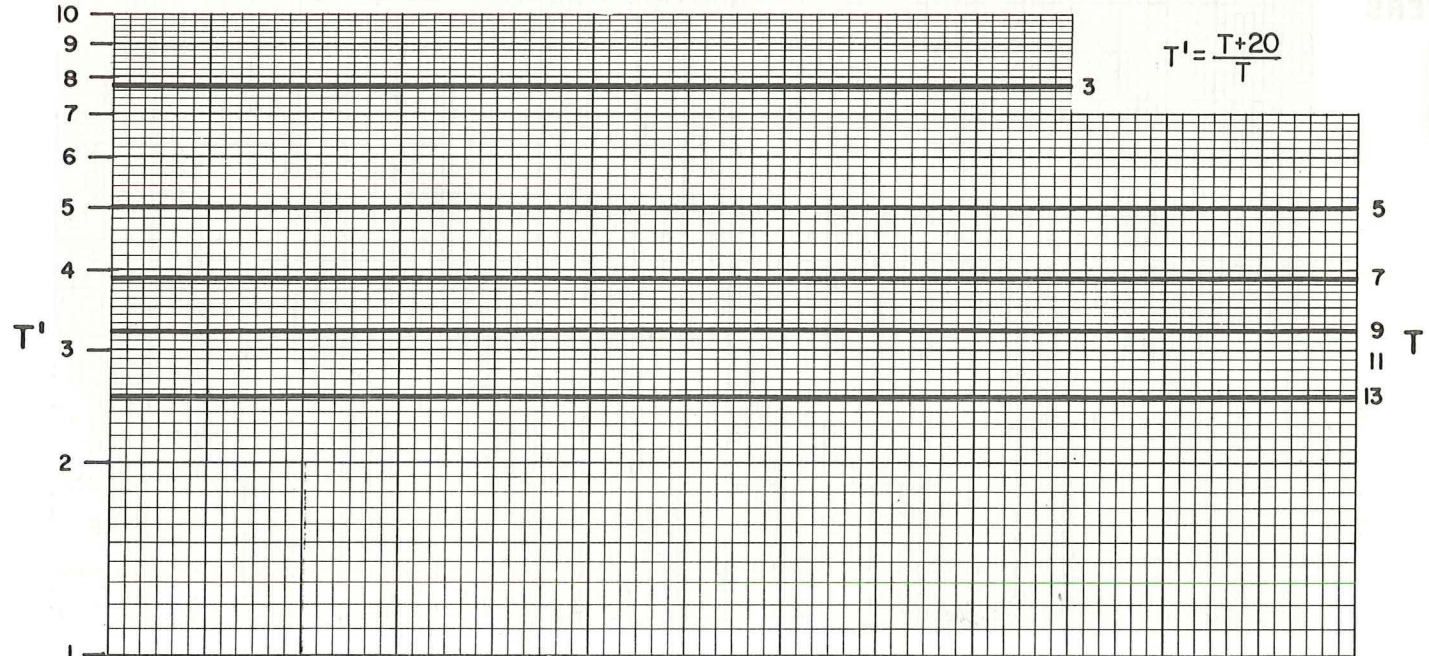
Scale Unit					Map Size					Map Location Δ									
in		cm			(7.5, 15, 60)		Degree			N Lat	Min			Degree		W Long		Min	
CM					15		59.30				119								

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

Northing										Easting										Elev									
10.2										19.2										4000					F				

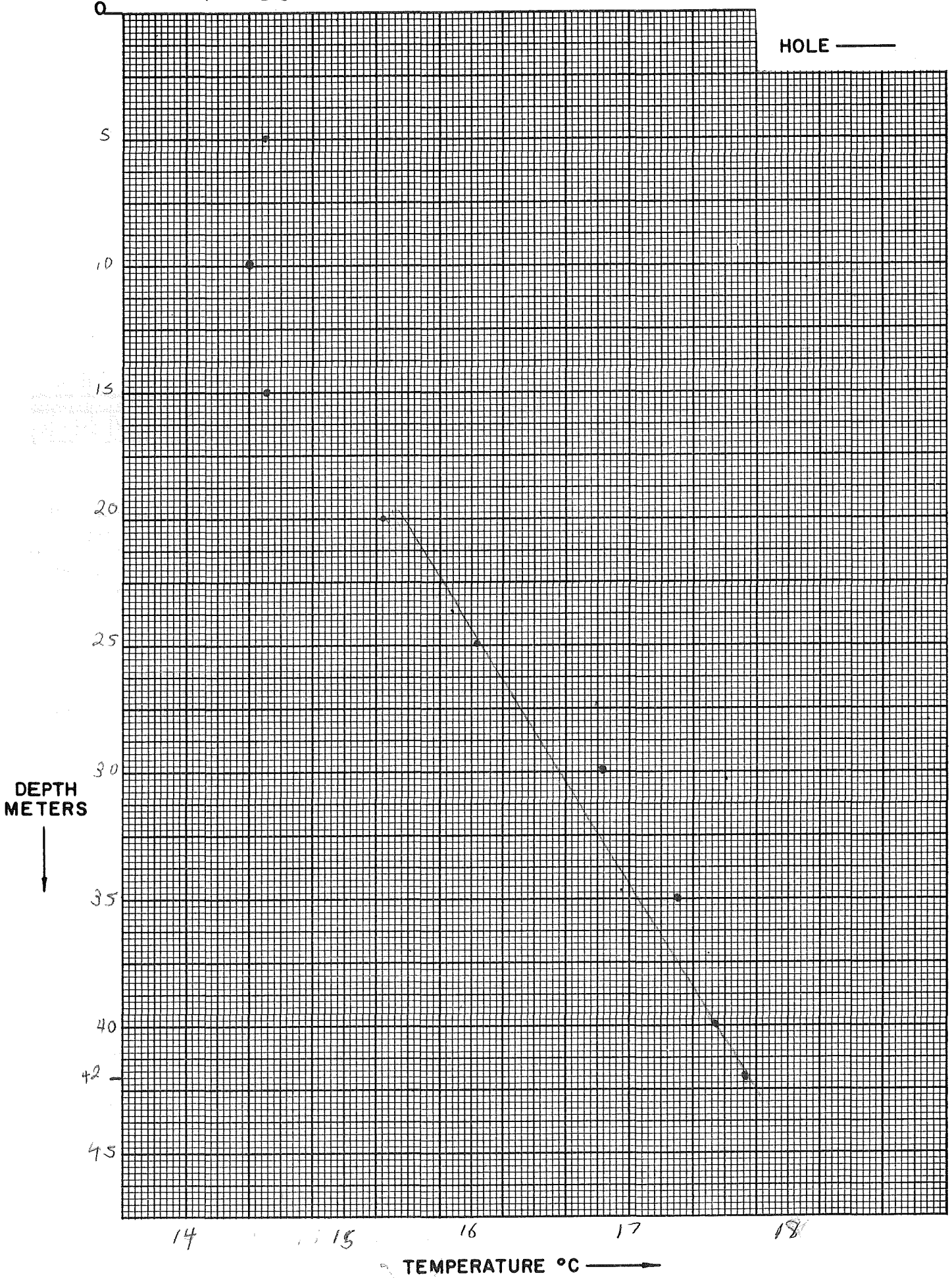
Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{17.54 - 16.02}{40 - 25} = \frac{1.52}{15} \times 1000 = 101.33 \text{ } ^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

Δ100 ✓

Property-Project 566 ΔT Well No. 4
 Map Soda Lake Scale 1:6250 Date: Drilled - Logged 8/17
 State Nevada County Churchill Section 33 T 20N R 28E
 Instrument DT-101 Operator BCW Elevation 3980 ft.
 Comments 2 holes, 2" steel pipe, one hole 7 meters deep

COMPUTER PROCESSING

RT JUSTIFY: Proj No. Well No. Date Logged (DA MO YR *)

Card A: 9002 100 08 07 17 CM * 19 - Write F if Fahrenheit, 20 - Write F if Feet

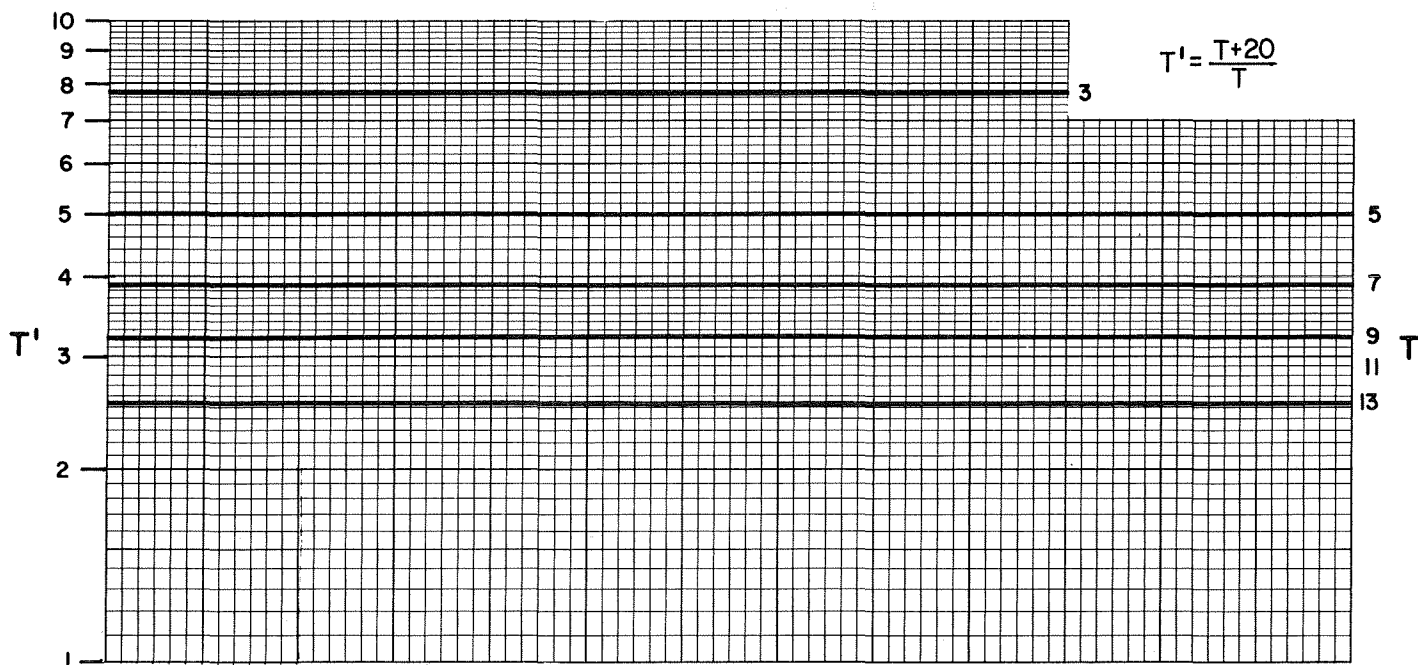
Site Description: SODA LAKE Operator: BCW Editor: CM

Card B: Scale Unit (cm), Map Size (7.5, 15, 60), Map Location (N Lat 37.20, W Long 119.0)

Northing: 10.05, Easting: 19.70, Elev: 3980, F

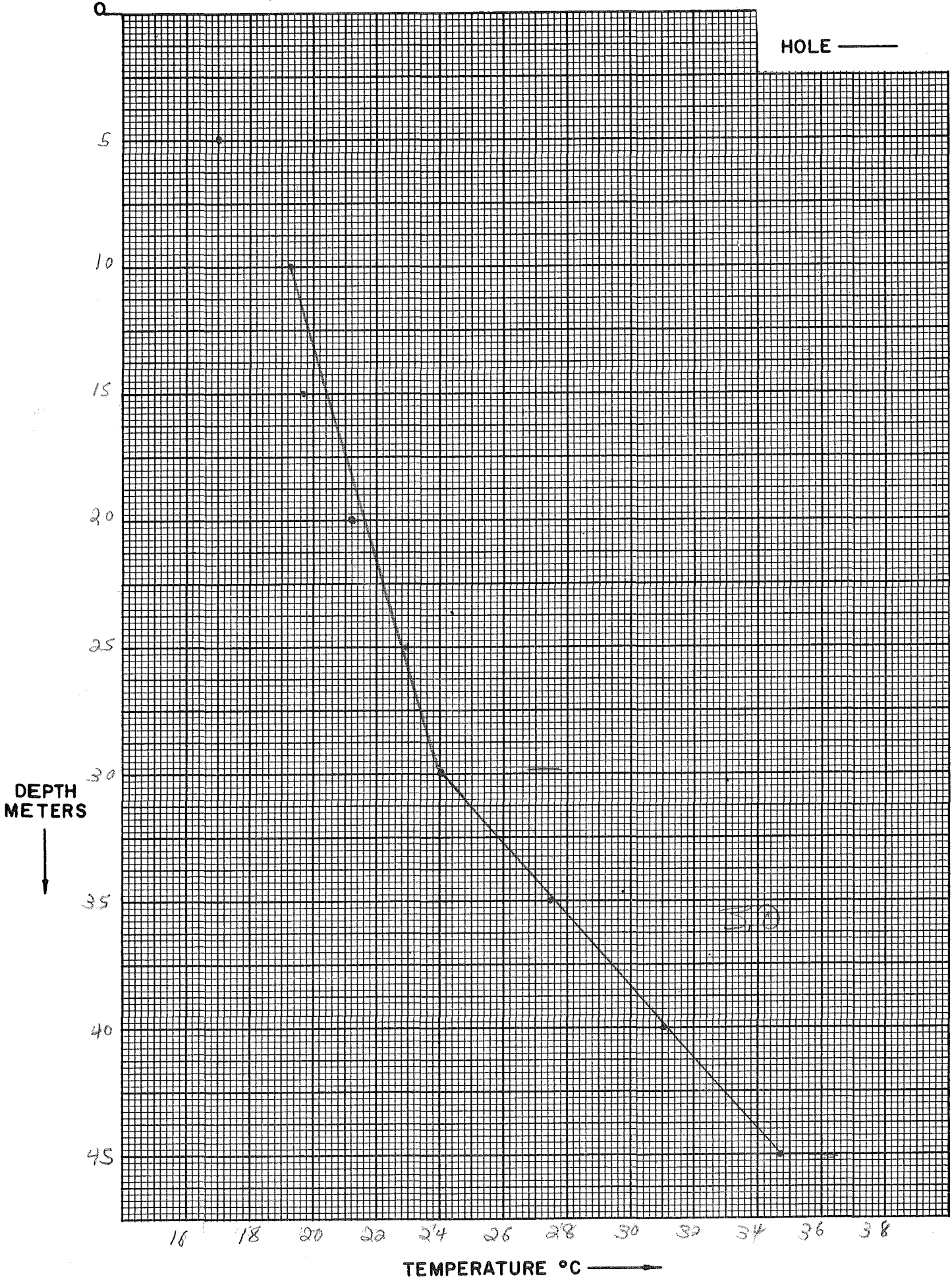
Use decimals. Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{31.09 - 22.98}{40 - 25} = \frac{8.11}{15} \times 1000 = 540 \text{ } ^\circ\text{C/km}$$



TEMPERATURE DEPTH LOG

DT101 ✓

Property-Project 566 AT Well No. 5
 Map Soda Lake Scale 1:6250 Date: Drilled - Depth Logged 45 meters
 State Nevada County Churchill Section 33 T 20N R 28E
 Instrument DT101 Operator BCW Elevation 3980 ft.
 Comments 2" steel pipe, other hole 2" PVC pipe 7 meters deep

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No		Well No		Date Logged			*												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
002		101		0	8	27	CM												

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

Site Description																																																							Operator		Editor	
21	22	23	24	25	26	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	BCW		/AM																

Card B

Scale Unit		Map Size		Map Location Δ																									
in.	cm	(7.5, 15, 60)	N Lat		W Long																								
cm		15	37	39	119	00																							
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

Use decimals

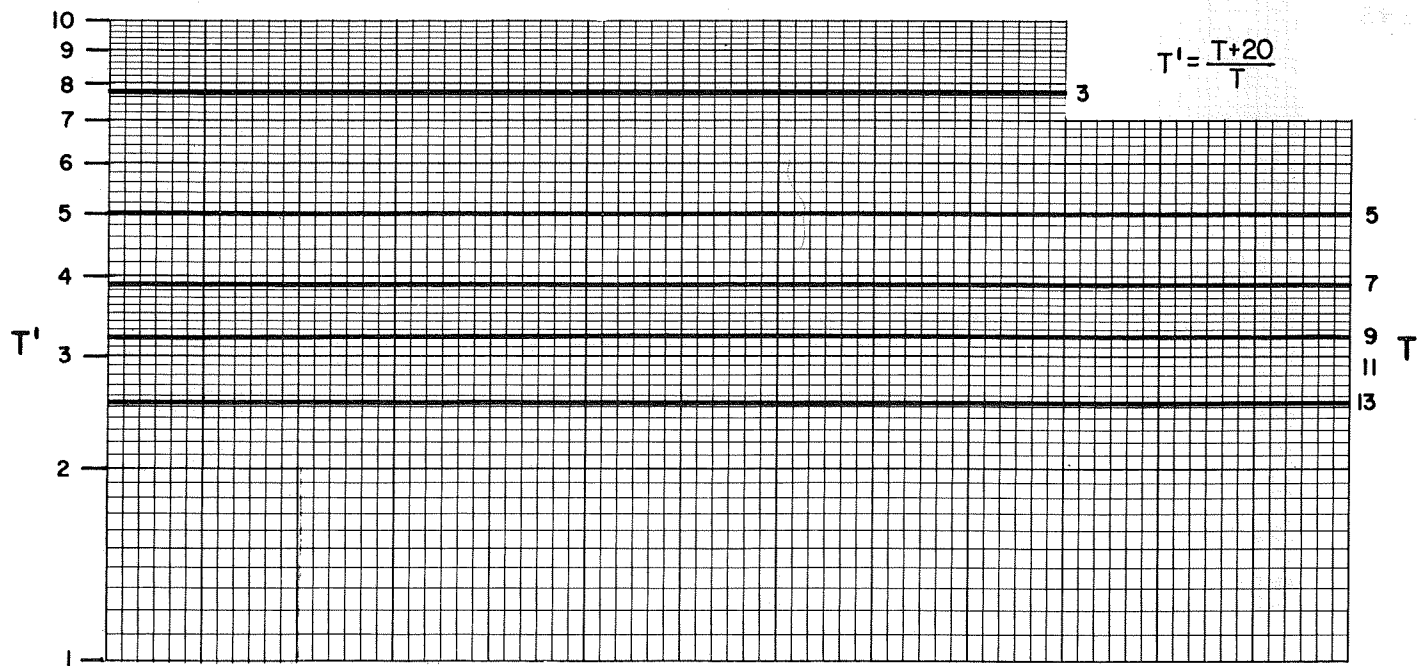
Northing					Easting					Elev																			
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
0.9					19.6					3980																			

Use decimals

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

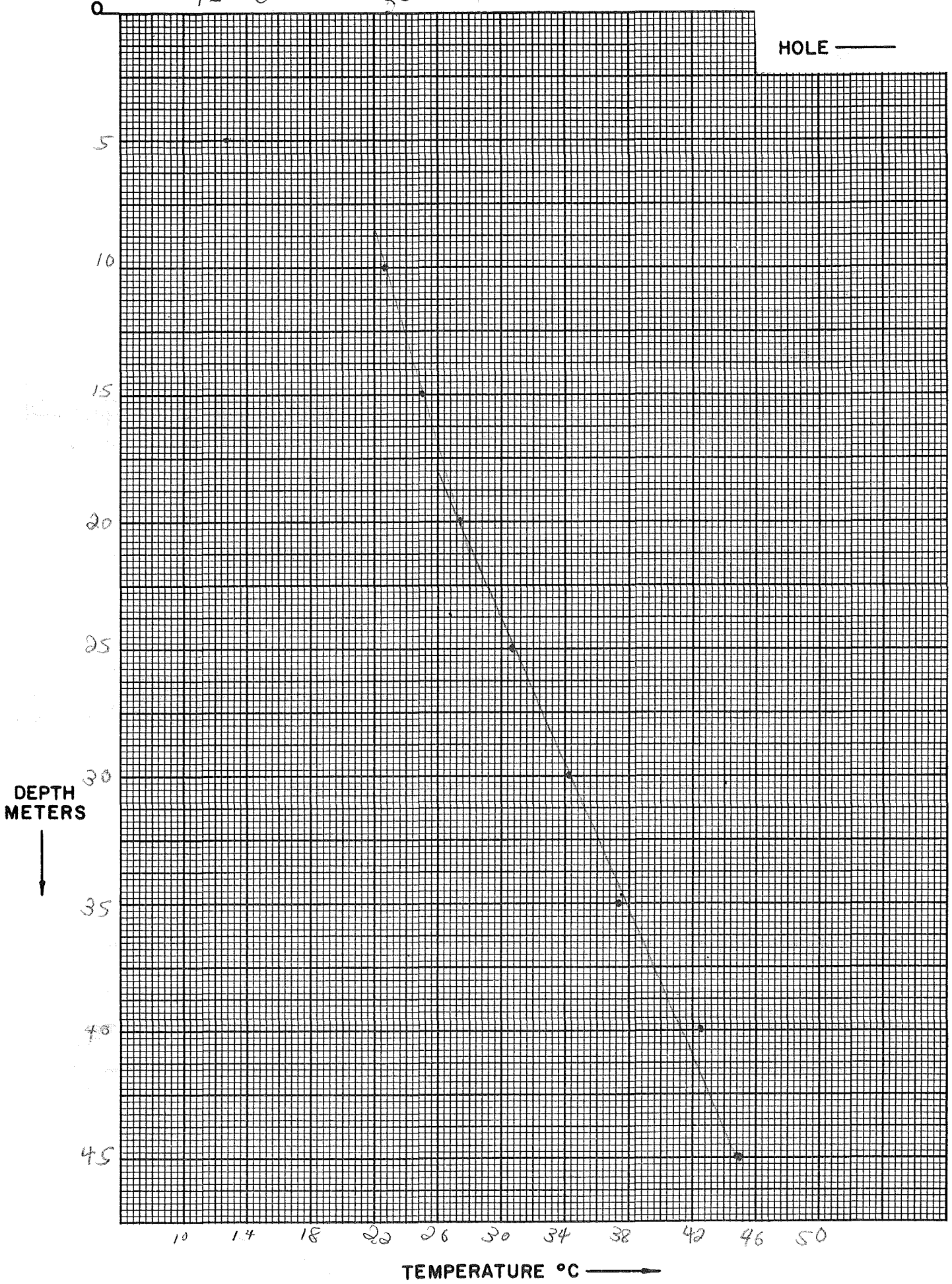
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{45.1 - 22.51}{4.5 - 2.0} = \frac{17.59}{2.5} \times 1000 = 703.6 \text{ } ^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

0103 ✓ ✓

Property-Project 566 ΔT Well No. 6
 Map Soda Lakes Scale 1:6250 Date: Drilled - Logged 8/8/77
 State Nevada County Churchill Section NWNE 32 T 20N R 28E
 Instrument DT101 Operator BCW Elevation 3990 ft.
 Comments 1 well 2" steel Pipe

COMPUTER PROCESSING

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																																								
9002										102										02										03										77										CM									

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

Card A

Site Description																																																		Operator										Editor									
SODA LAKE																																																		BCW										/									

Card B

Scale Unit		Map Size		Map Location ^Δ				N Lat		W Long		Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)
in.	cm.	(7.5, 15.60)	Degree	Min	Degree	Min	Min	Min	Min	Min		
CM		15.0	39.32	119.0								

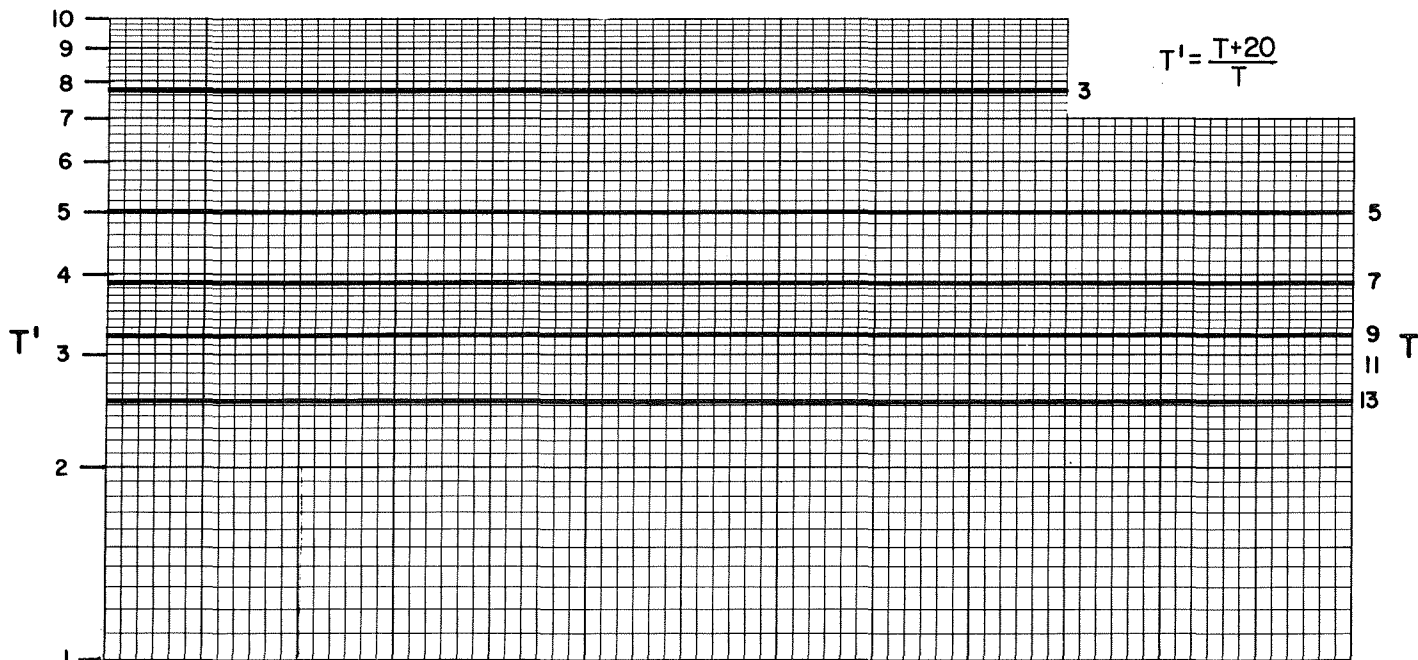
Use decimals

Northing										Easting										Elev									
1095										118.80										3990									

Use decimals

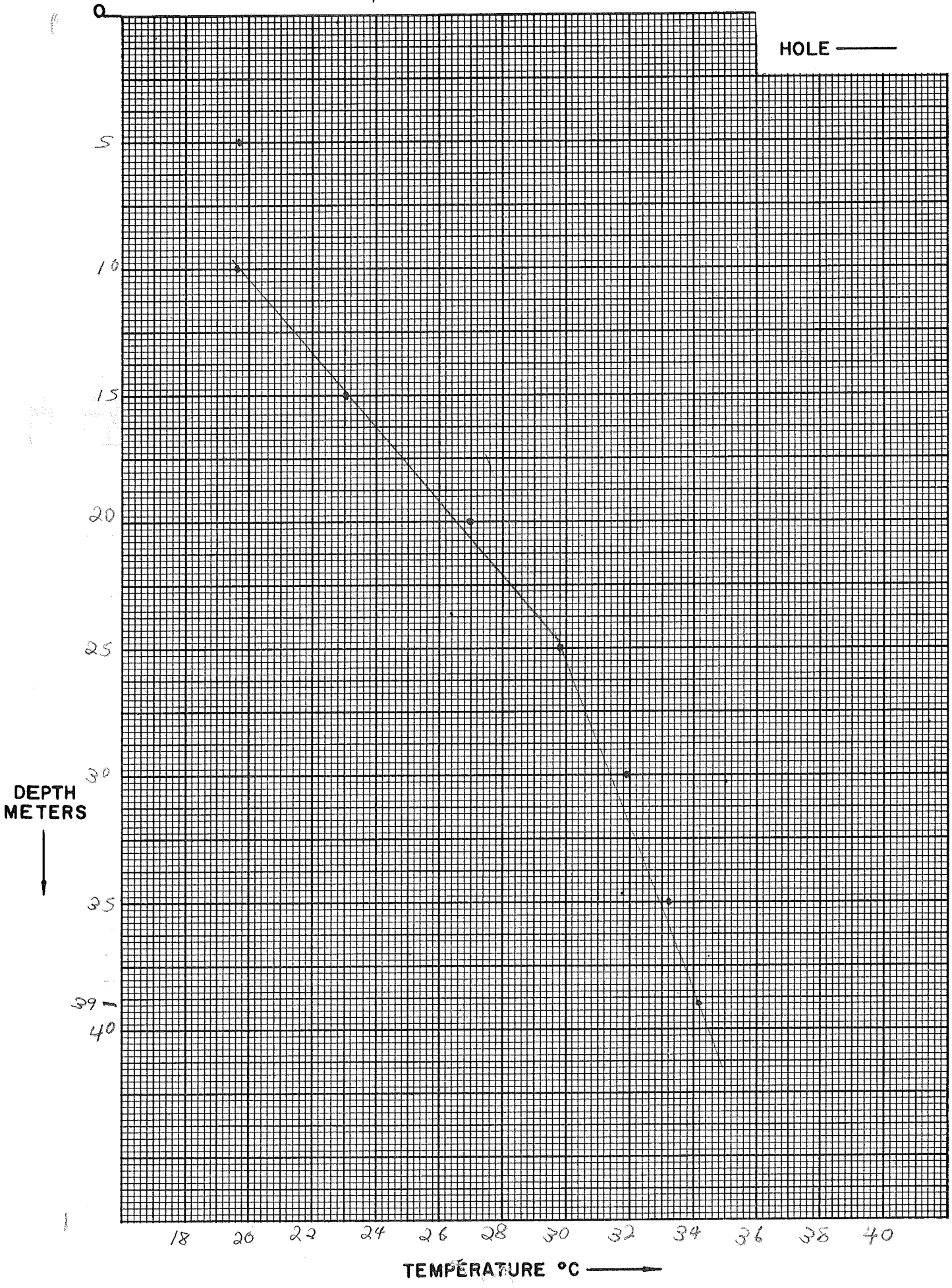
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{34.15 - 29.8}{39 - 25} = \frac{4.35}{14} \times 1000 = 310.71 \text{ } ^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

0103 ✓

ΔT Well No. 7

Property-Project S66 Depth Logged 20m

Map Soda Lake Scale 1:60500 Date: Drilled - Logged 8/8/77

State Nevada County Churchill Section SWSW 28 T 20N R 28E

Instrument DT101 Operator Bcw Elevation 3980 ft.

Comments 4 holes, 2-2" PVC Plugged just Below surface, 1-2" PVC 4 meters

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No				Well No						Date Logged			*							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	*
002				103						08			08	77	CM					

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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	BCW					/														
SODA LAKE																																																											

Card B

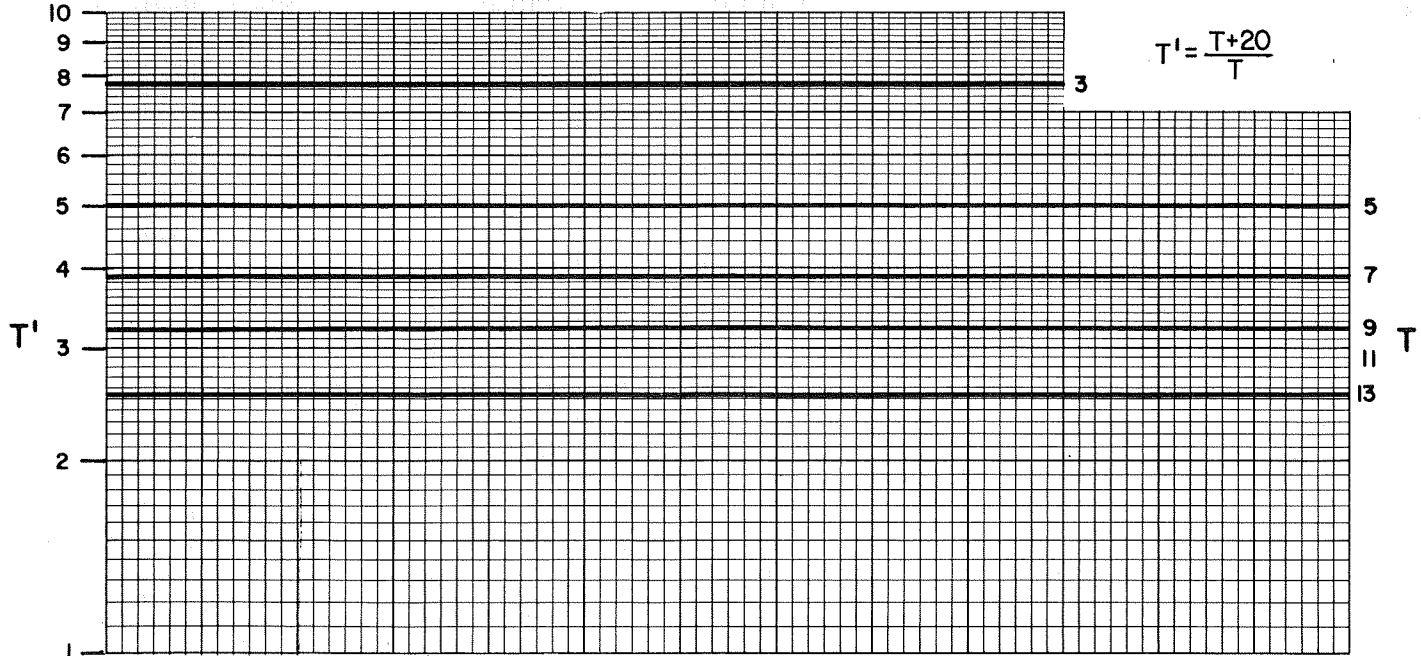
Scale Unit		Map Size		Map Location Δ				N Lat		W Long		Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)																											
in	cm	(7.5, 15.60)	cm	Degree	Min	Degree	Min	Min	Min	Min	Min																												
21	22	23	24	25	26	27	28	29	30	31	32		33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	15		39		119		00		10

Use decimals

Northing										Easting										Elev										Write M if meters									
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		F								
11.3										20.4																													

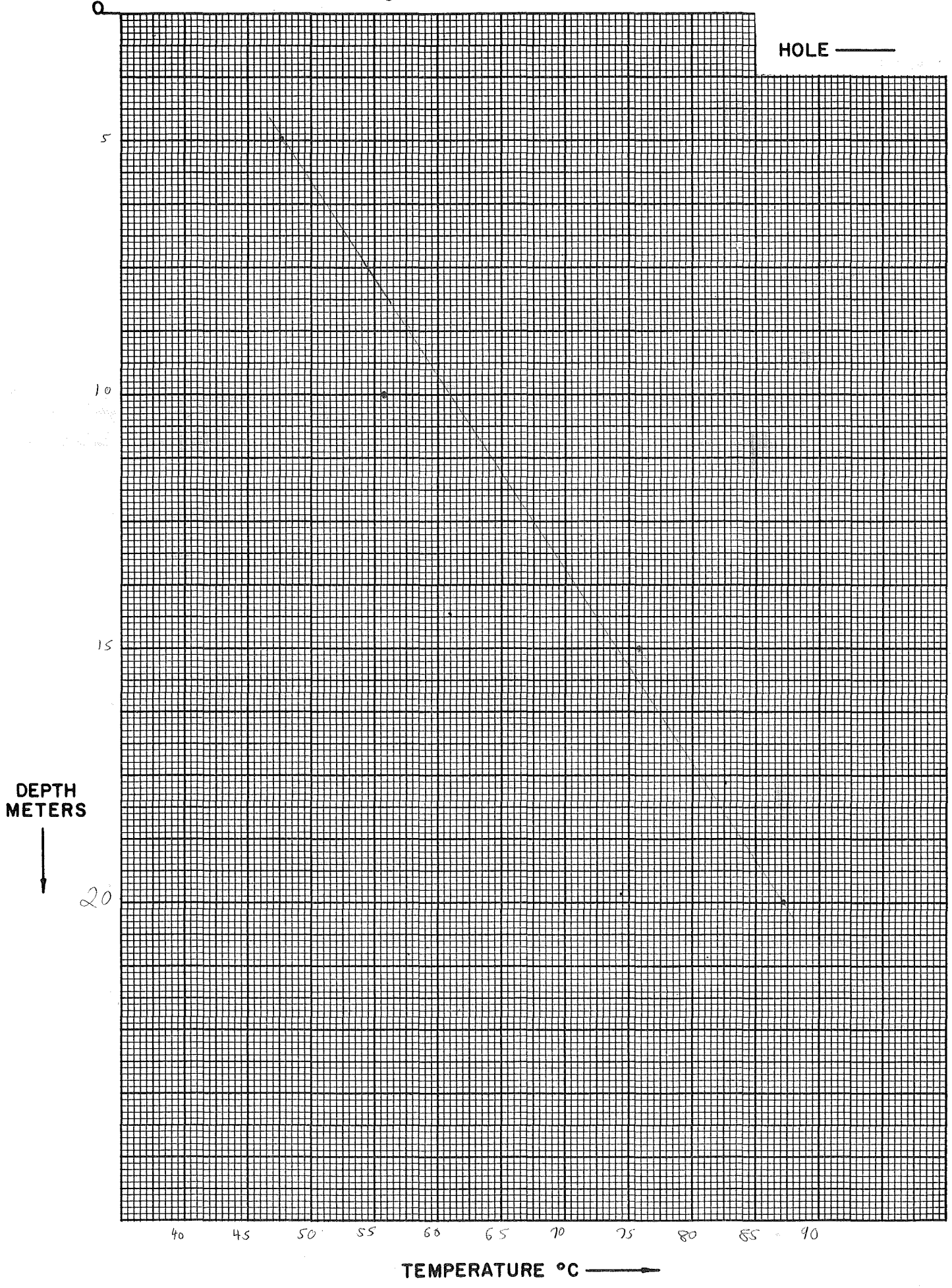
Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{82.15 - 47.57}{20 - 5} = \frac{34.58}{15} = 2.305\text{ }^{\circ}\text{C}/\text{m}$$



TEMPERATURE DEPTH LOG

D104 ✓

ΔT Well No. 8

Property-Project 566 Depth Logged 35 meters

Map Soda Lake Scale 1:62500 Date: Drilled - Logged 8/9/77

State Nevada County Churchill Section 28 T 20 N R 28 E

Instrument DT101 Operator BV-DM Elevation 3880 ft.

Comments 2 holes, 1-2" steel Pipe Probed, 1-2" PVC pipe plugged at surface.

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

Proj No.				Well No.						Date Logged			*		
1	2	3	4	5	6	7	8	9	10	DA	MO	YR	*		
0	0	0	2						1	0	4	0	7	7	CM

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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	DM	DM																		

Card B

Scale Unit		Map Size		Map Location ^Δ				N Lat		W Long	
in	cm	(7.5, 15, 60)		Degree	Min	Degree	Min	Degree	Min	Degree	Min
CM			15		37		19		00		00

Use decimals

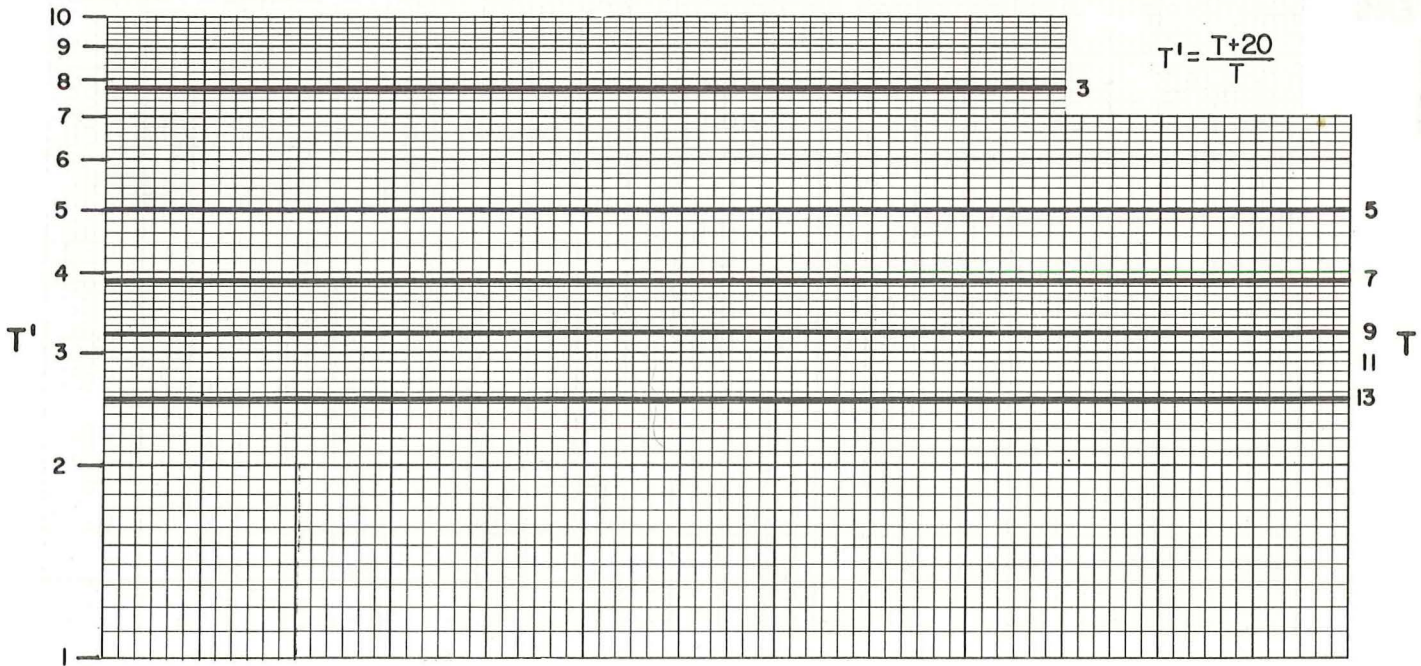
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

Northing						Easting						Elev					
51	52	53	54	55	56	61	62	63	64	65	66	71	72	73	74	75	
1	2	0				2	1	0									

Use decimals

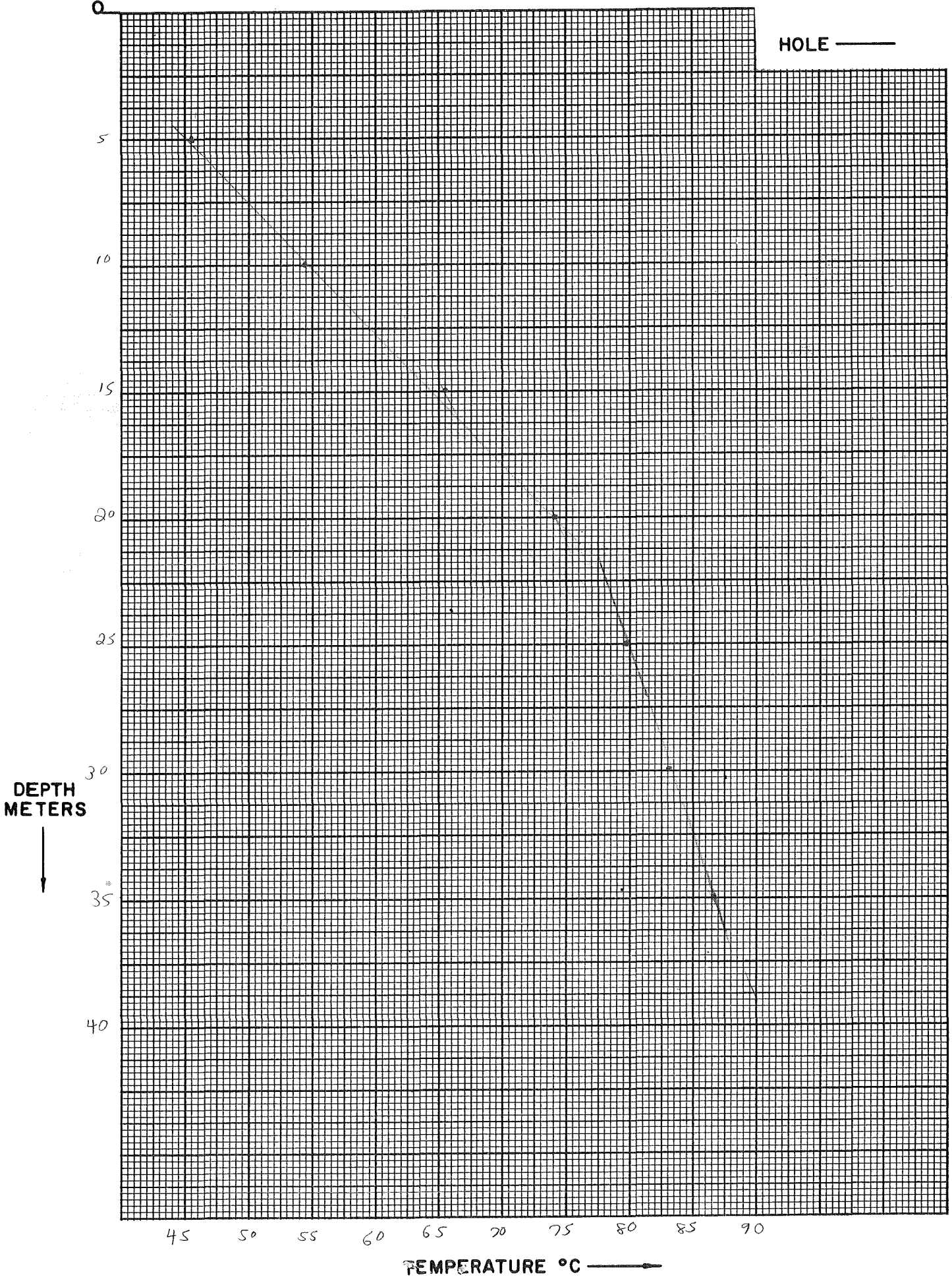
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{86.72 - 65.61}{35 - 15} = \frac{21.11}{20} = 1055.5^\circ/\text{km}$$



TEMPERATURE DEPTH LOG

105 ✓✓

Property-Project 566 ΔT Well No. 9
 Map Soda Lakes Scale 1:62500 Date: Drilled - Depth Logged 8/38 meters
 State Nevada County Churchill Section 28 Logged 8/9/77
 Instrument DT101 Operator BW-DM Elevation 3970 ft.
 Comments 2 holes, 1-2" Pvc Pipe plugged at surface, 1-1/2" steel Pipe Probed

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No		Well No		Date Logged			*													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	*
002		105		89			CM													

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

Site Description																																																		Operator		Editor	
21	22	23	24	25	26	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	DM		DM											
SODA LAKE																																																					

Card B

Scale Unit		Map Size		Map Location Δ		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	Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)	
CM		15		39		22		119																							

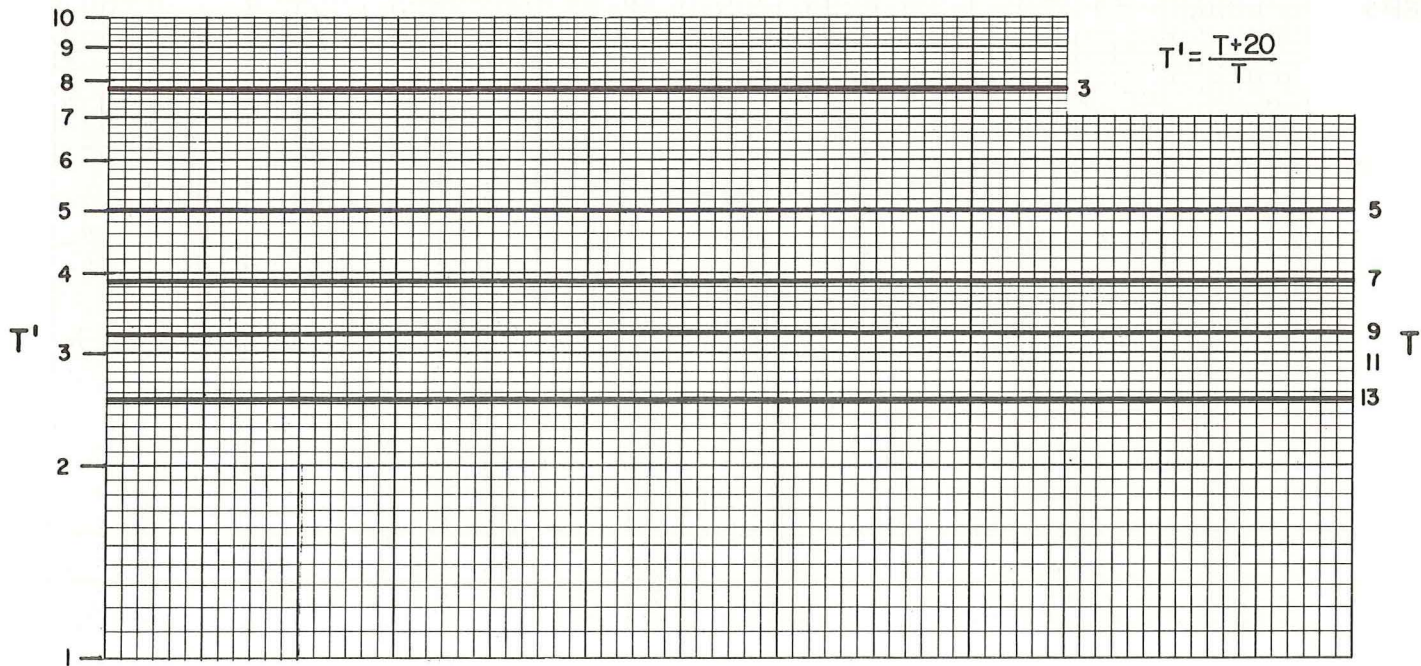
Use decimals

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
72.25										21.60										1170									

Use decimals

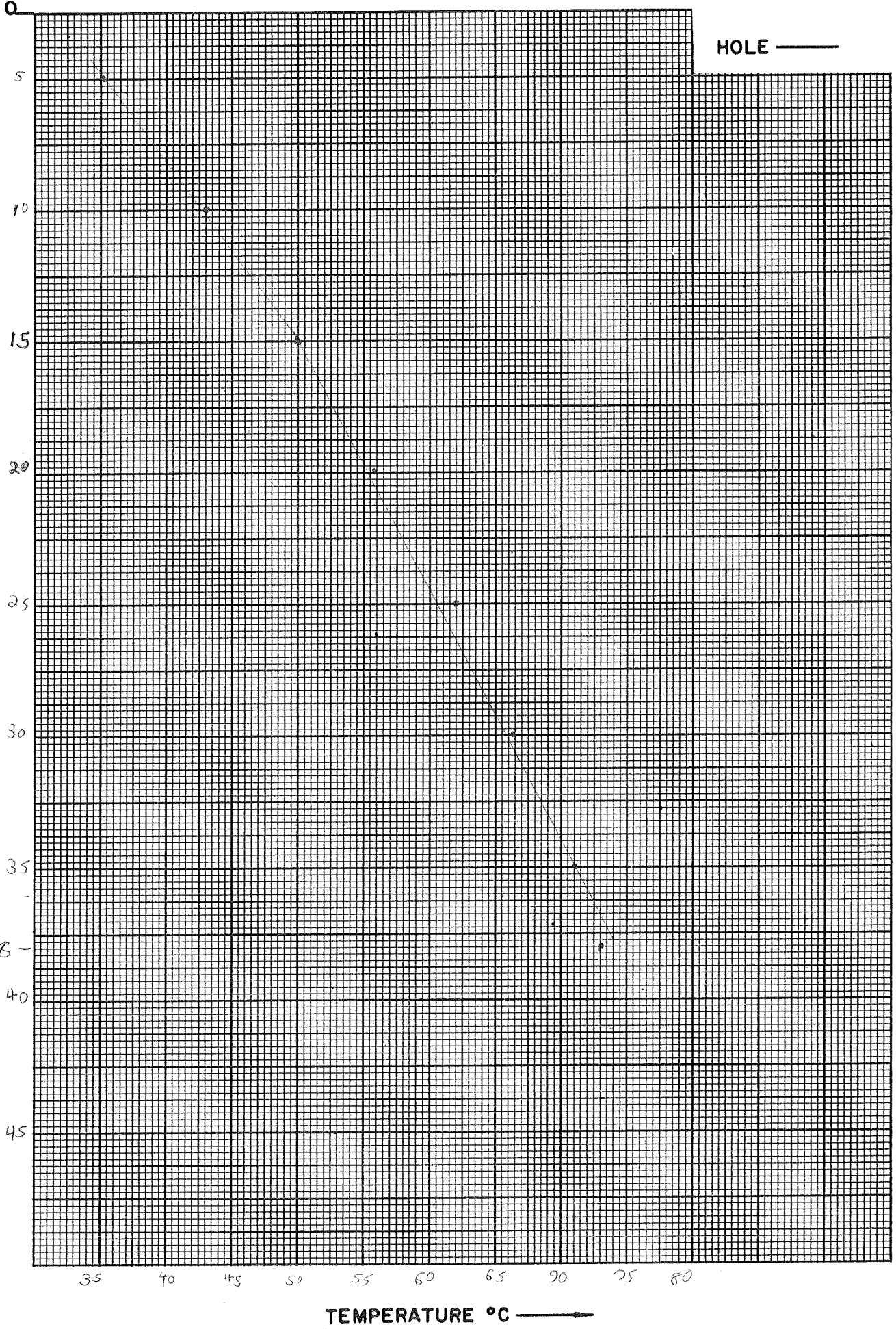
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{71 - 49.34}{35 - 15} = \frac{21.66}{20} = 1083 \text{ } ^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

106



ΔT Well No. 10

Property-Project 566 Depth Logged 20 meters

Map Soda Lake Scale 1:62500 Date: Drilled _____ Logged 8/9/77

State Nevada County Churchill Section SESE 21 T 20N R 28E

Instrument DT101 Operator BW-DM Elevation 3956 ft.

Comments 2 holes, 1-2" steel Pipe Probel, 1-2' PVC 3 meters deep

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No										Well No										Date Logged																																							
→										→										DA	MO	YR	*																																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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
0002										11106										3	8	8	CM																																				

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

Site Description																																																		Operator										Editor									
SODA LAKE																																																		DM										DM									

Card B

Scale Unit					Map Location ^Δ										Map Size														
in					N Lat										W Long														
cm					Degree										Degree														
cm					Min										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. 31. 30.										119. 0. 0.														

Use decimals

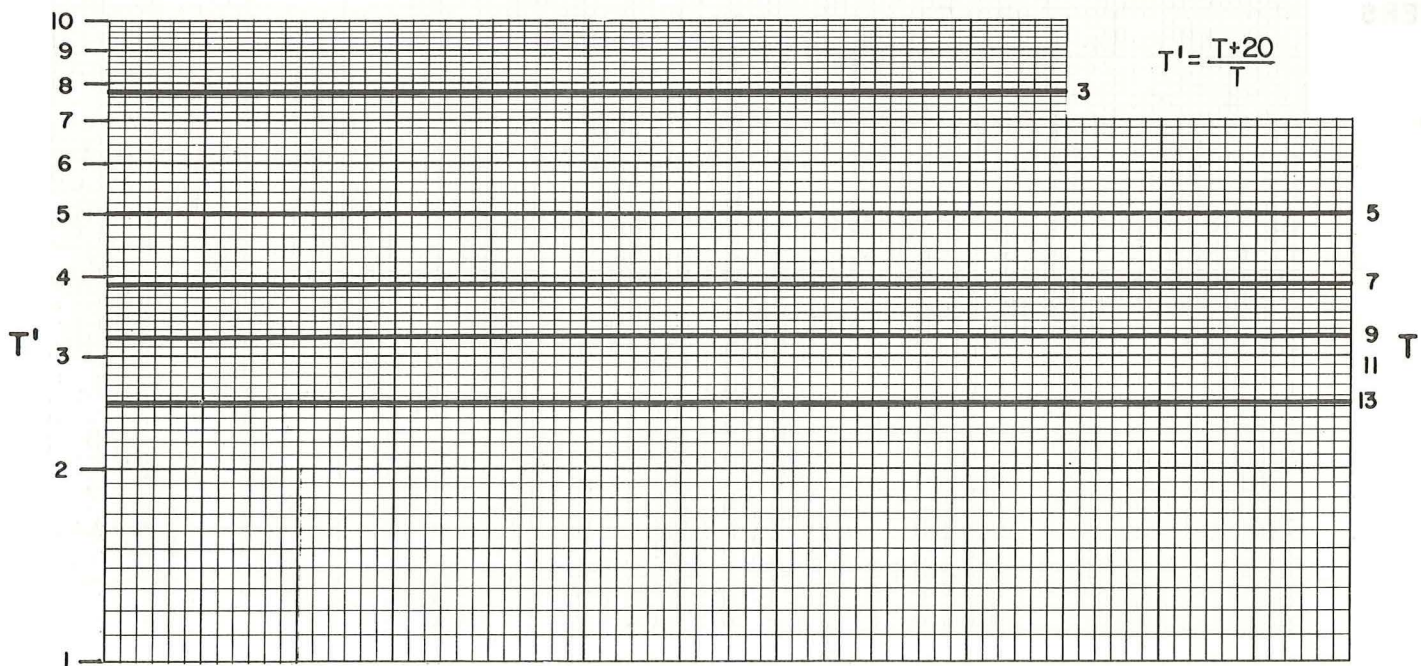
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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
19. 7										22. 2										3956									

Use decimals

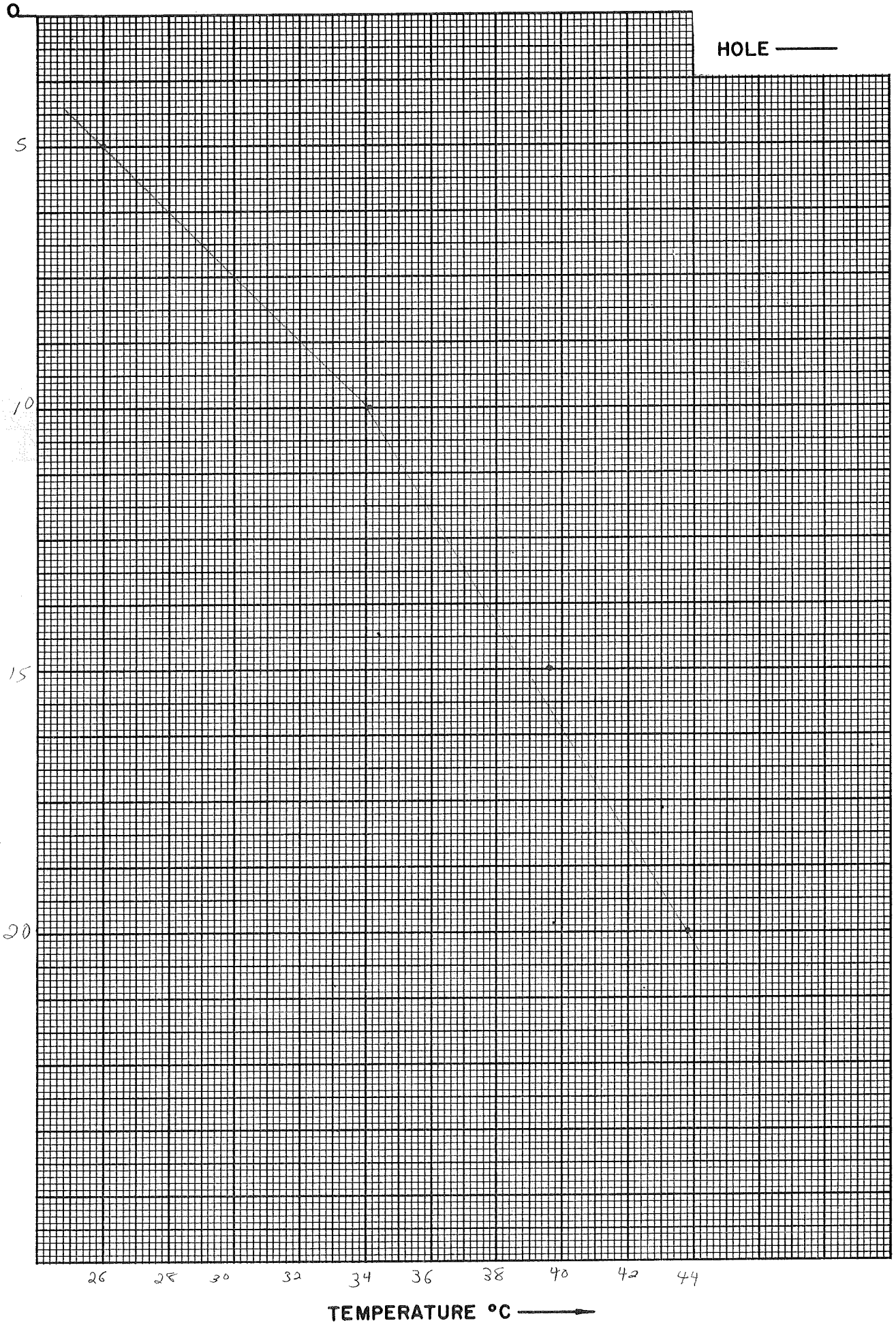
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{33.8 - 34.06}{20 - 10} = \frac{9.74}{10} = 974 \text{ } ^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

Δ107 ✓✓

Property-Project 566 ΔT Well No. 11
 Map Soda Lake Scale 1:62500 Date: Drilled 8/9/77 Depth Logged 45 meters
 State Nevada County Churchill Section SW 11 T 20N R 28E
 Instrument DT101 Operator BW-Dm Elevation 3940 ft.
 Comments 2" steel cased pipe 615m; 2" steel cased pipe probed

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No		Well No		Date Logged			* 19- Write F if Fahrenheit, 20- Write F if Feet												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
002		107		2	8	77	CM												

9002

Site Description																												Operator		Editor									
21	22	23	24	25	26	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
SODA LAKE																												BW-Dm		/									

Card B

Scale Unit		Map Size		Map Location Δ		N Lat		W Long																					
in	cm	(7.5, 15., 60)	Degree	Min	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		15.	37.	32.	119.	20.																							

Use decimals

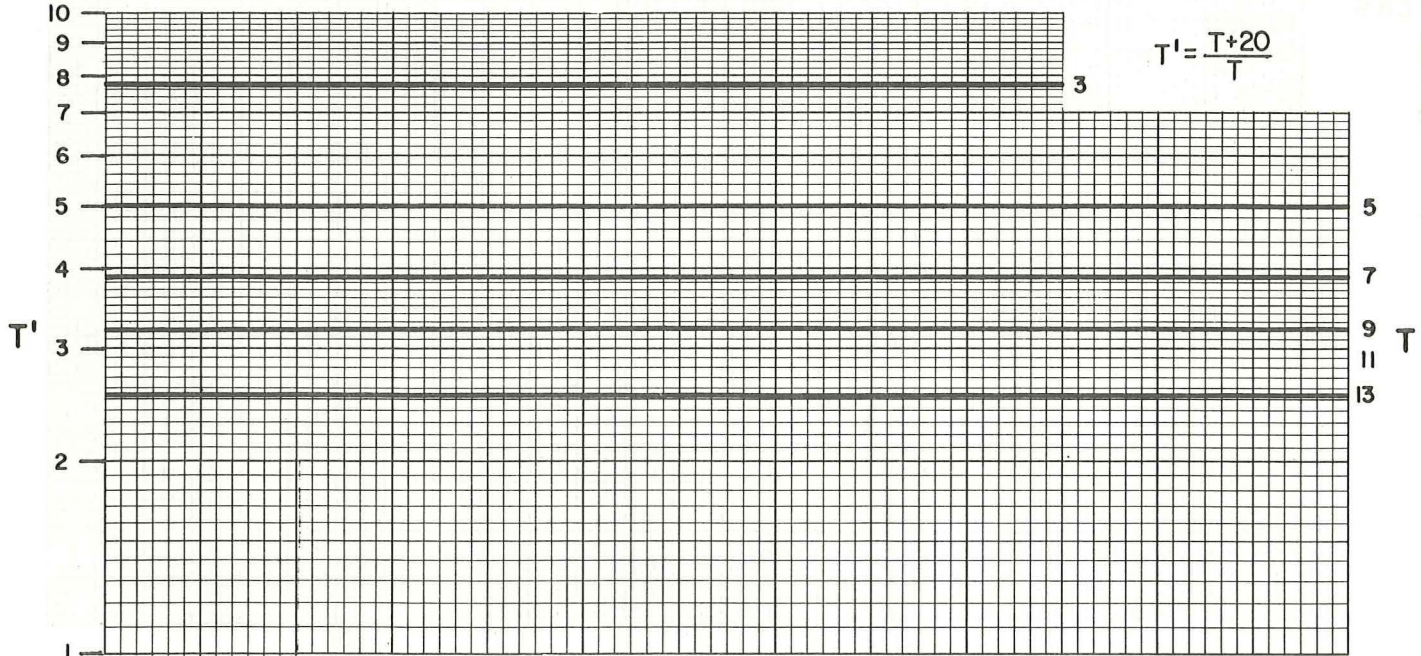
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)

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
17.7						25.05						3940																	

Use decimals

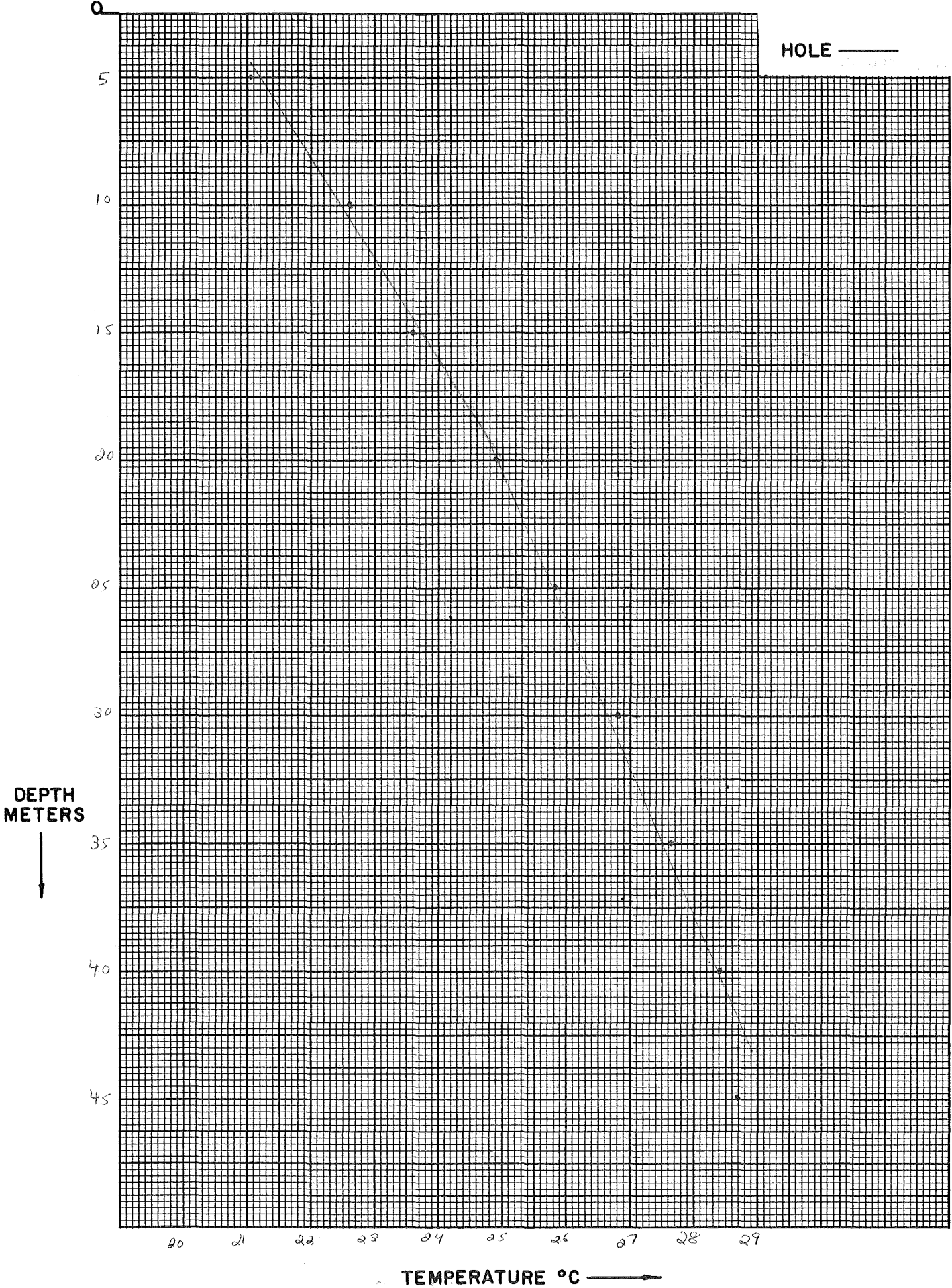
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{28.36 - 24.9}{40 - 20} = \frac{3.46}{20} = .17 \times 1000 = 173^{\circ}\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

108 ✓

Property-Project 566 ΔT Well No. 12
 Map Soda Lake Depth Logged 25 meters
 State Nevada Scale 1:62500 Date: Drilled 8/9/97
 County Churchill Section 11 T 20N R 28E
 Instrument PT101 Operator BW-DM Elevation 3960 ft.
 Comments 2-2" Steel Pipes, 1-2" pipe 14 meters deep

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No		Well No		Date Logged			*												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
002		1108		08	08	08	CM												

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

Site Description																																			Operator		Editor		
21	22	23	24	25	26	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
SODA LAKE																																			BW-DM		DM		

Card B

Scale Unit		Map Size		Map Location ^Δ		
in	cm	(7.5, 15., 60)	Degree	Min	Degree	Min
CM		15.	37.	02.	119.	00, 0

Use decimals

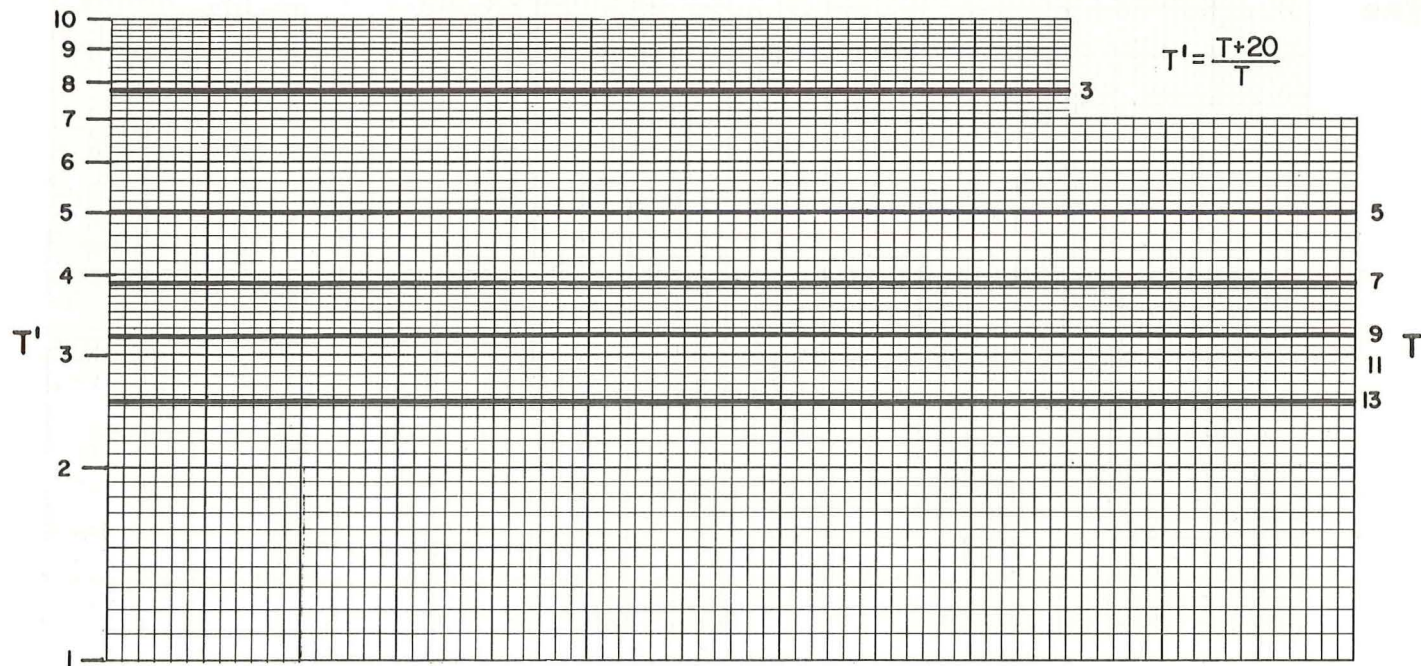
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-) (E,+)

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
27.35										24.95										3960									

Use decimals

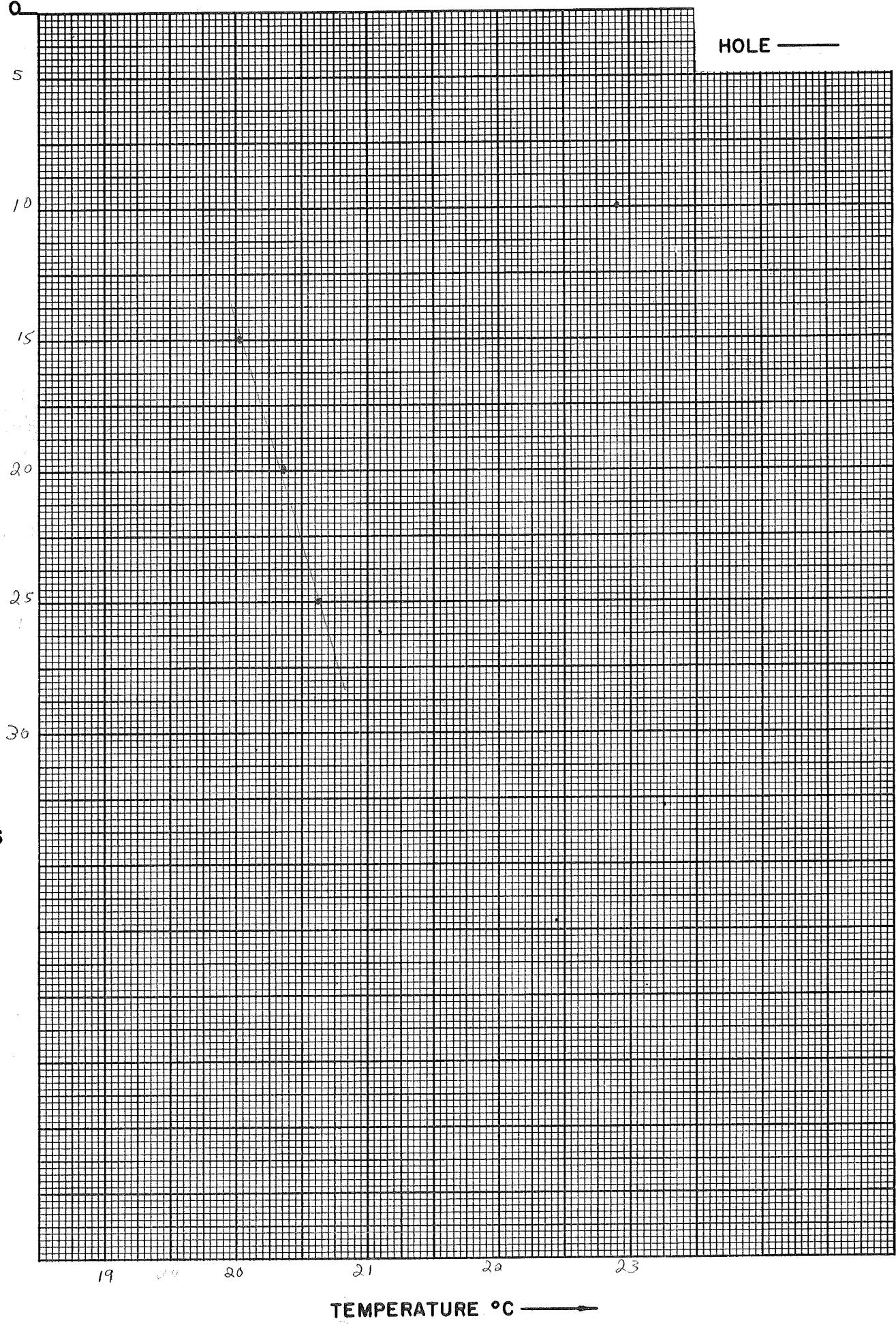
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{20.65 - 20.02}{25 - 15} = \frac{.63}{10} \times 1000 = 63^\circ\text{C}/\text{km.}$$



DEPTH METERS
↓

TEMPERATURE °C →

TEMPERATURE DEPTH LOG

0109 ✓

Property-Project 566 ΔT Well No. 13
 Map Soda Lake Scale 1:62500 Date: Drilled _____ Logged 8/9/07
 State Nevada County Churchill Section 28 T 20N R 28E
 Instrument DT101 Operator BW-DM Elevation 3980 ft.
 Comments 2" steel pipe ; PVC pipe next to it was 7m deep

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No		Well No		Date Logged			*												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0002		NEV109		07			CM												

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

Site Description																				Operator		Editor	
SODA LAKE																				DM/DM			

Card B

Scale Unit		Map Size		Map Location ^Δ																											
in.	cm.	(7.5, 15, 60)		N Lat		W Long																									
		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		15.		39.		30.		119.																							

Use decimals

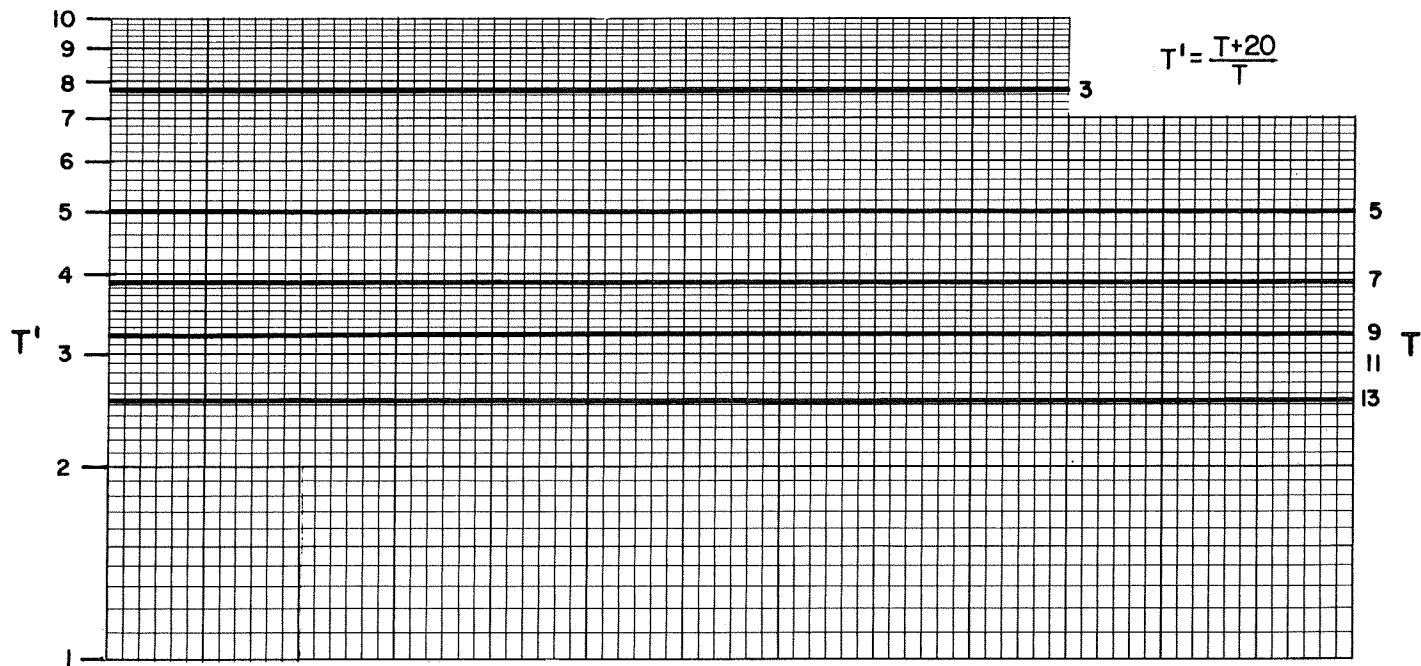
Northing					Easting					Elev																			
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
12.8					20.15					3980																			

Use decimals

Write M if meters

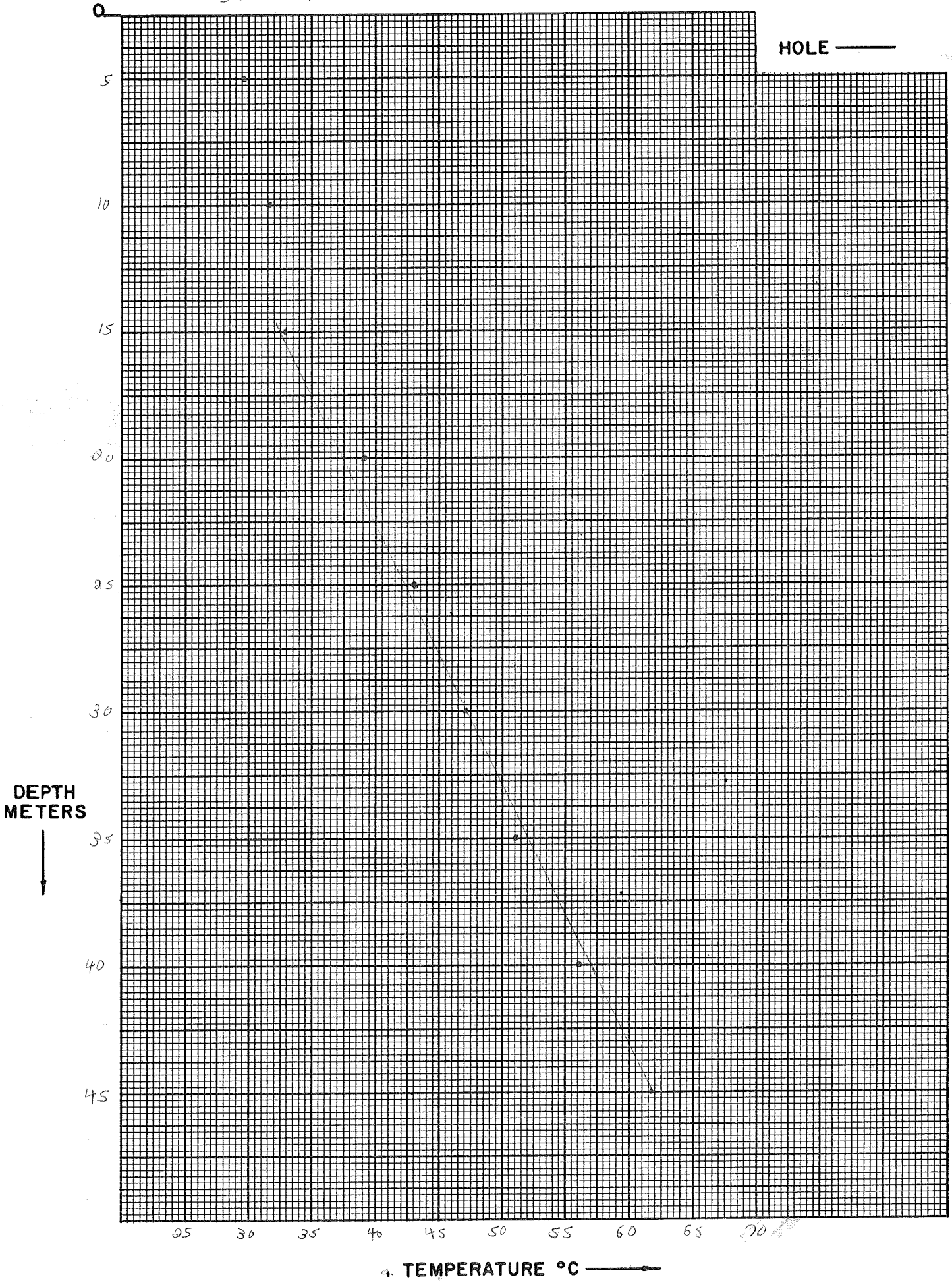
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{61.75 - 47.09}{45 - 30} = \frac{14.66}{15} \times 1000 = 977.3 \text{ } ^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

5110 ✓

ΔT Well No. 14

Property-Project 566 Depth Logged 26.5 meters

Map Soda Lake Scale 1:62500 Date: Drilled - Logged 8/9/77

State Nevada County Churchill Section SW 21 T 20N R 28E

Instrument DT101 Operator BW-DM Elevation 3980 ft.

Comments Short 2" steel Pipe 9 meters deep, 2" steel Pipe 4' above ground was one probed

COMPUTER PROCESSING

RT JUSTIFY: Proj No Well No Date Logged

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
9002										1110										CM

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
SODA LAKE																																																											

Card B

Scale Unit					Map Size					Map Location Δ					W Long																			
in.					(7.5, 15, 60)					N Lat					Degree																			
cm										Degree					Min																			
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50					
CM					15.					39.39					119.																			

Use decimals

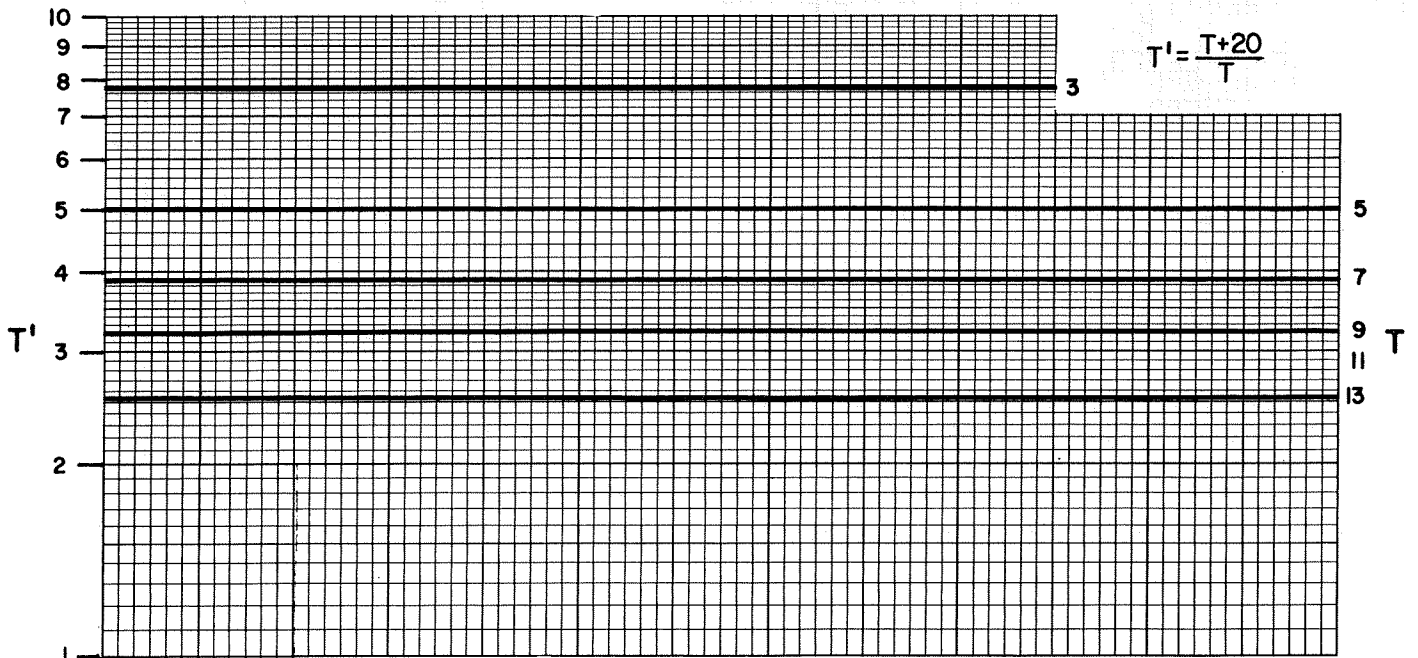
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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
15.0										20.0										3980									

Use decimals

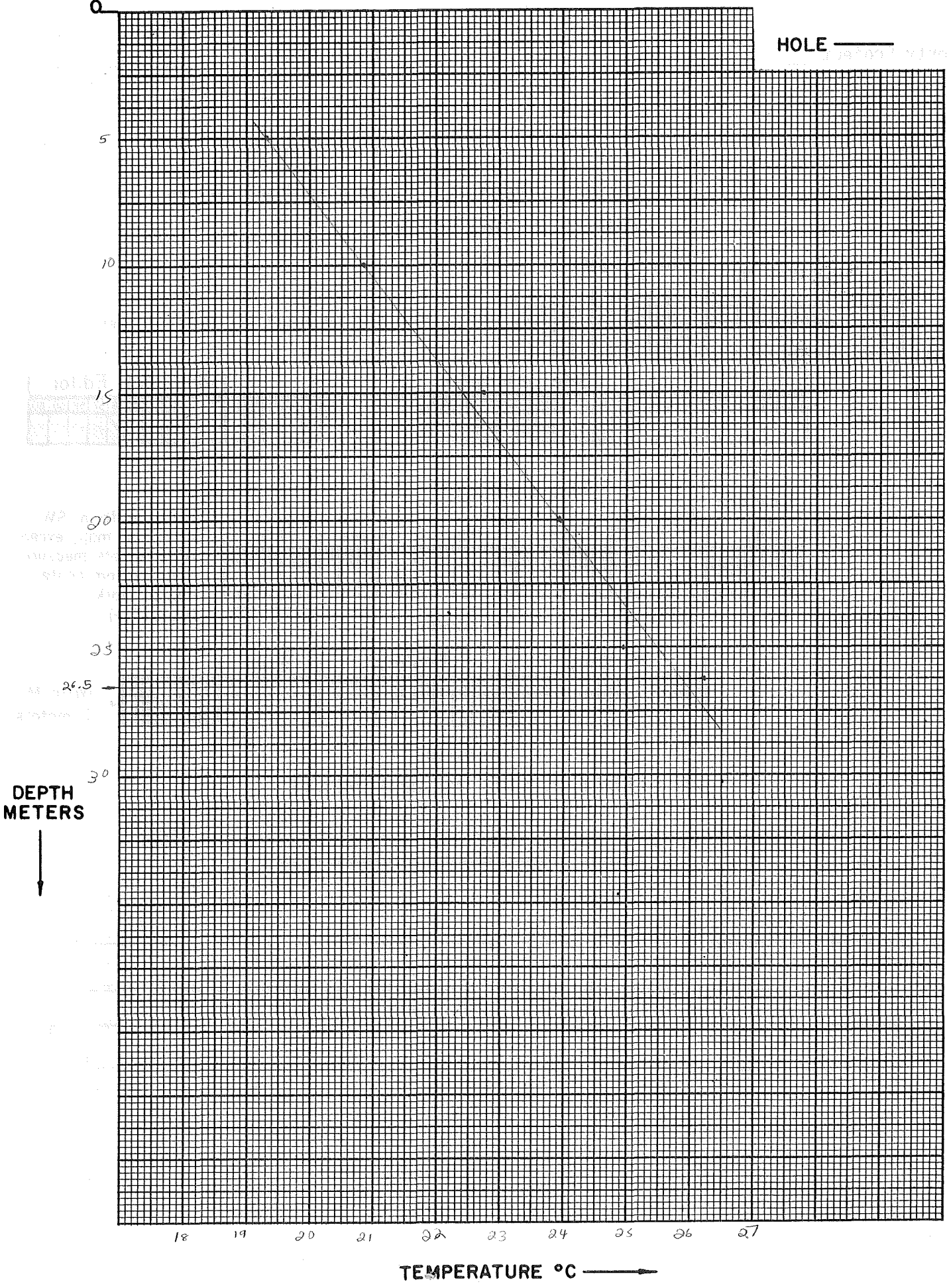
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{23.94 - 19.32}{20 - 5} = \frac{4.62}{15} = .31 \times 1000 = 308^{\circ}\text{C}/\text{km}$$



HOLE _____

DEPTH METERS

TEMPERATURE °C

TEMPERATURE DEPTH LOG

100°C / km Δ 111

ΔT Well No. DP #1

Property-Project 566 Depth Logged 32m
 Map Desert Peak 15 Scale 15 Date: Drilled _____ Logged 8/4/77
 State Nev County Churchill Section SW 32 T 23N R 20E
 Instrument DT101 Operator J.D Elevation 4000 ft.
 Comments _____

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

Proj No.				Well No.						Date Logged						*				
										DA	MO		YR		*					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	*
002				1111							11		77			CM				

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

Site Description																																																Operator				Editor			
21	22	23	24	25	26	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																
1.5 KM E OF CHURCHILL HILL																																																							

Card B

Scale Unit		Map Size		Map Location ^Δ																											
in	cm	(7.5, 15, 60)		N Lat		W Long																									
		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		15		37		43		11		9																					

Use decimals

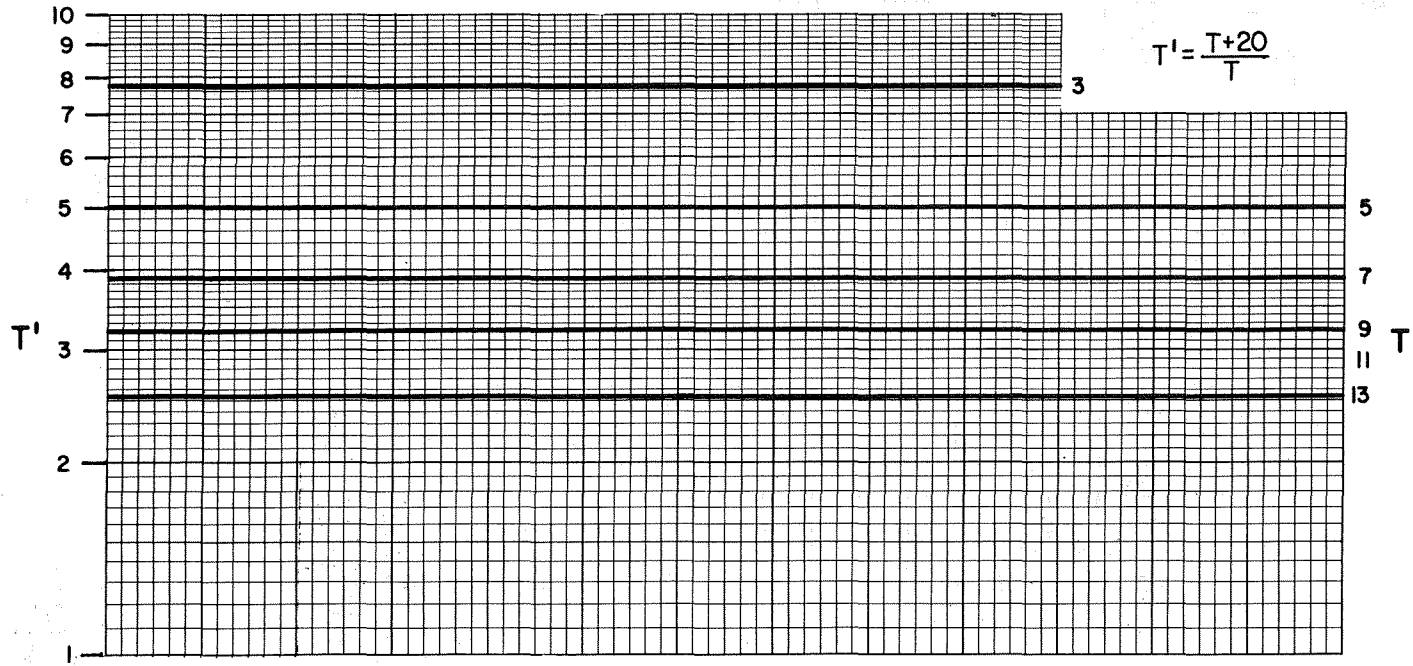
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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		
10.4										19.3										F											

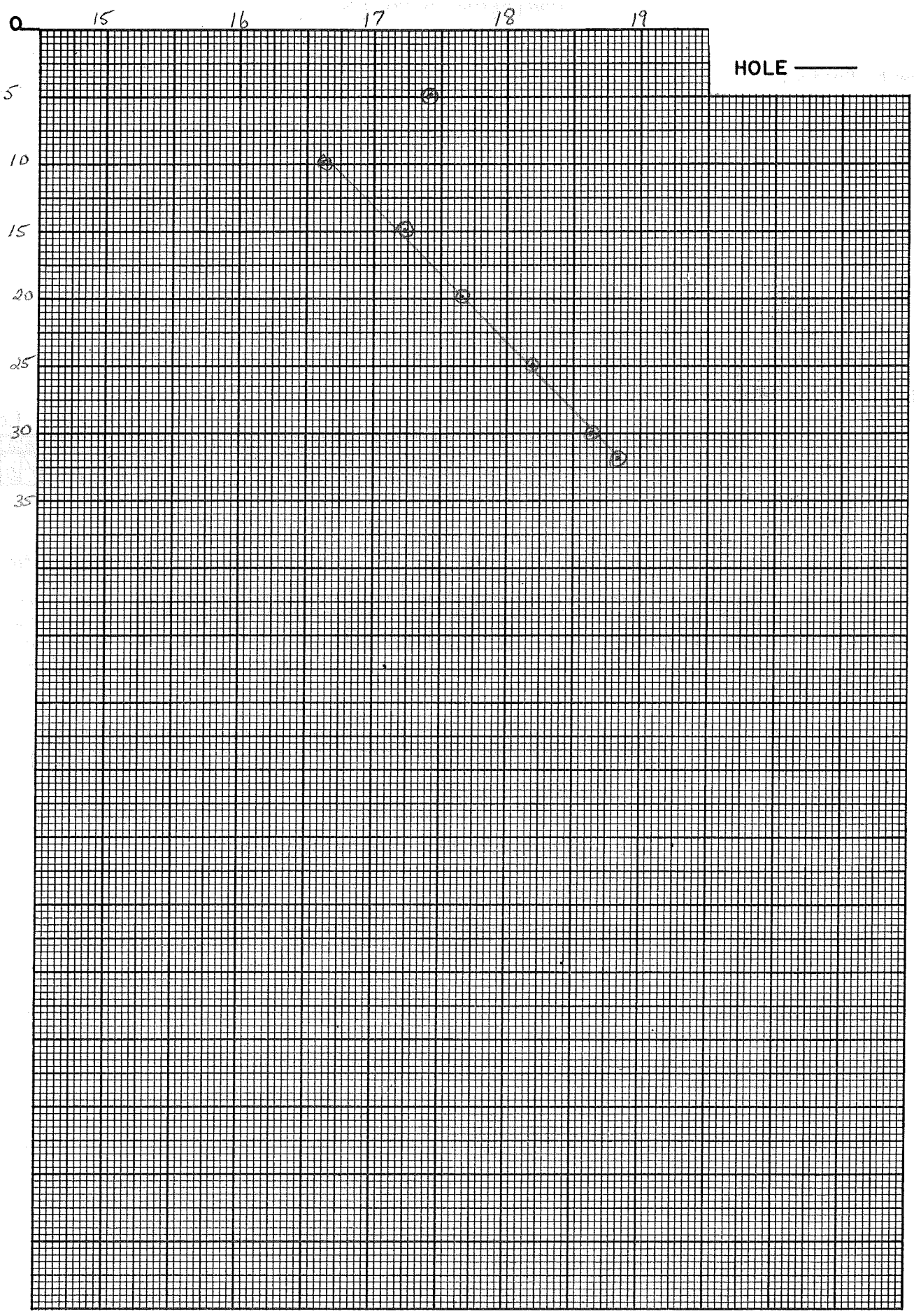
Use decimals

Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE



$$\frac{18.62 - 16.62}{30 - 10} = \frac{2}{20} = .1$$

TEMPERATURE °C →
100 °C/km

TEMPERATURE DEPTH LOG

$\Delta 112 \text{ } 323^{\circ}\text{C/km}$ ✓

AT Well No. DP-2

Property-Project 566 Depth Logged 120

Map Soda Lake Scale 15 Date: Drilled _____ Logged 8/1/77

State Nevada County Churchill Section N 6 SE 29 T 22 N R 27 E

Instrument DT101 Operator S.D. Elevation 4240 ft.

Comments Phillips hole

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No										Well No										Date Logged																																							
																				DA	MO	YR	*																																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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
0002										1112										01	08	77	CM																																				

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

Site Description																																																							Operator					Editor				
21	22	23	24	25	26	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																									
DP-2																									25 KM																									S.D.					F2/DM									

Card B

Scale Unit										Map Size										Map Location Δ									
in. / cm										(7.5, 15, 60)										N Lat					W Long				
																				Degree					Degree				
																				Min					Min				
CM										15.										39.					119.				

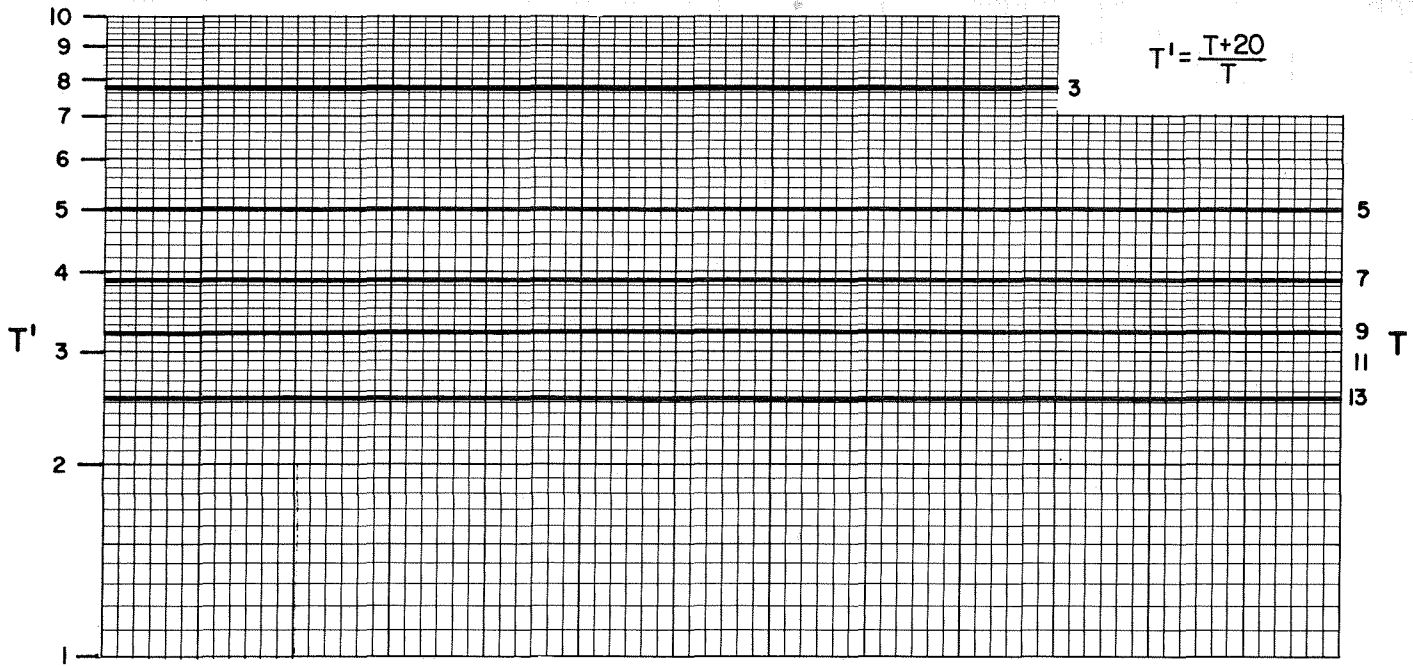
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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
42.6										3.7										F									

Use decimals

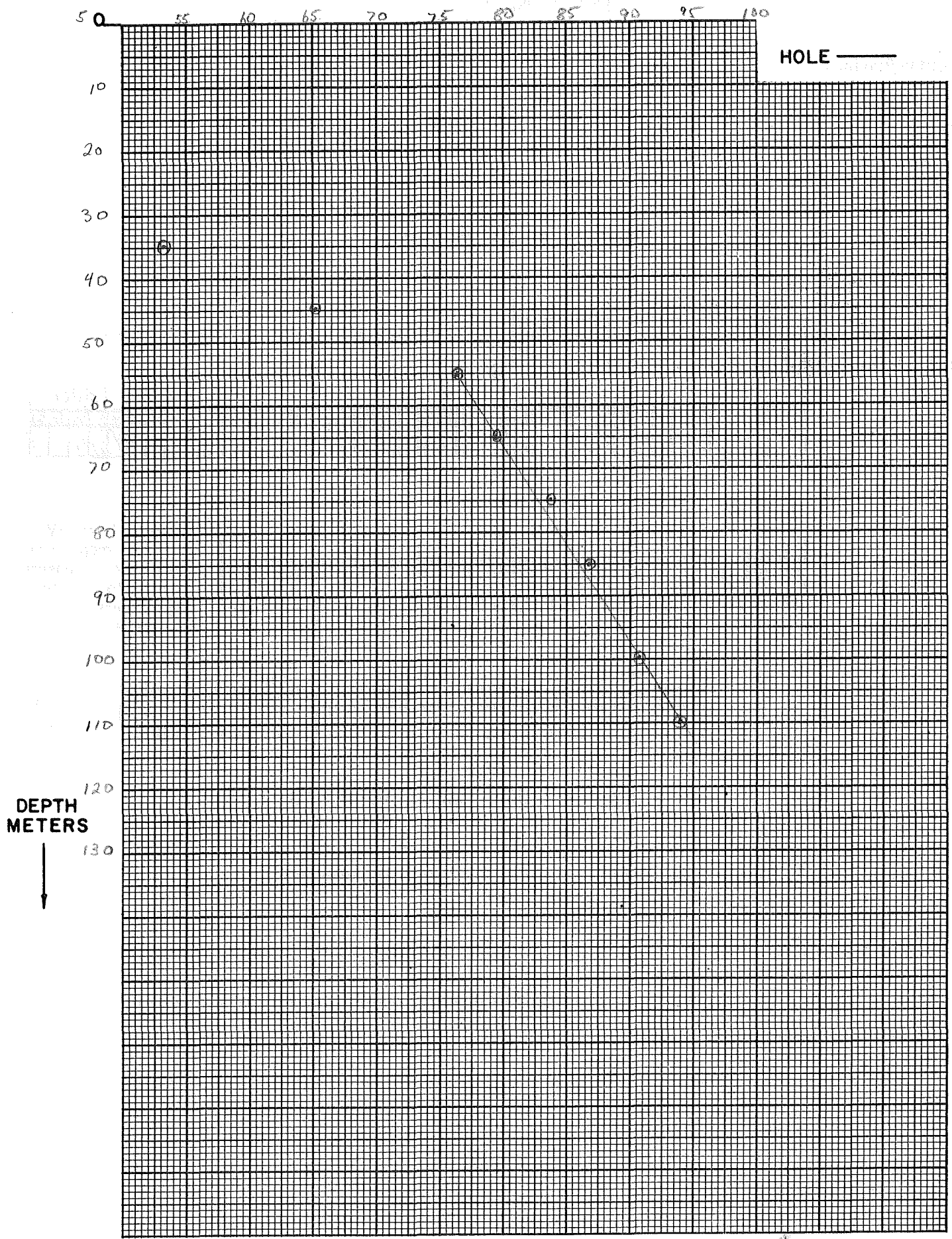
Write M if meters

AIR TEMPERATURE MEASUREMENTS



$$T' = \frac{T+20}{T}$$

RESISTANCE / TEMPERATURE



$$\frac{44 - 76.45}{110 - 55} = \frac{17.55}{55} = .323 \quad \text{TEMPERATURE } ^\circ\text{C} \longrightarrow$$

$$.323 \times 1000 = 323^\circ\text{C/km}$$

TEMPERATURE DEPTH LOG

513 ✓

ΔT Well No. 1

Property-Project 566 Depth Logged 60 meters

Map Freel Peak Scale 1:62500 Date: Drilled - Logged 8/14/77

State Nevada County Douglas Section 22 T 13 N R 19 E

Instrument DT101 Operator BCW Elevation 4680 ft.

Comments Government Drill Hole 500'

COMPUTER PROCESSING

RT JUSTIFY: Proj No. Well No. Date Logged

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																														
9	0	0	2							8	1	3																																					
9002										113										08										77										CM									

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

Card A

Site Description																																																		Operator										Editor									
21	22	23	24	25	26	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	BCW	ADM																												
USGS HOLE AT WALLERS HS																																																																					

Card B

Scale Unit		Map Size		Map Location ^Δ		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		15.		38.		45.		120.																															

Use decimals

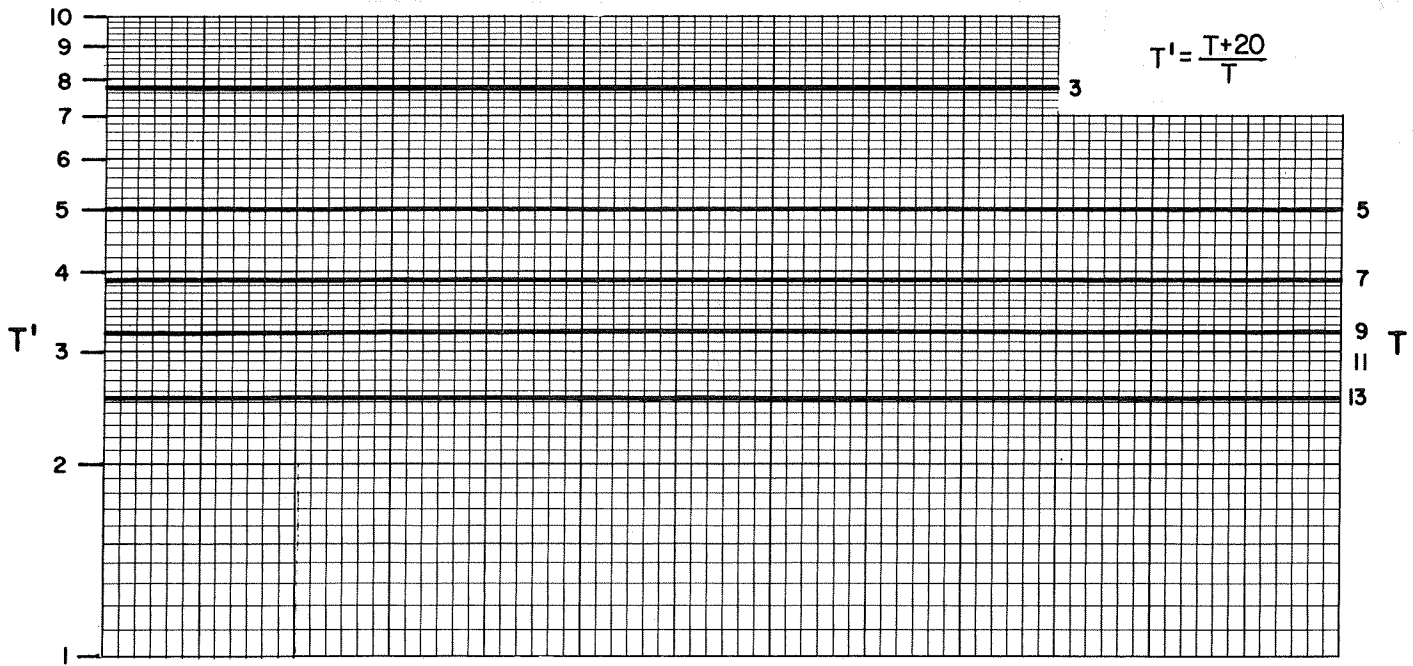
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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										
41.0										23.0										4680										F									

Use decimals

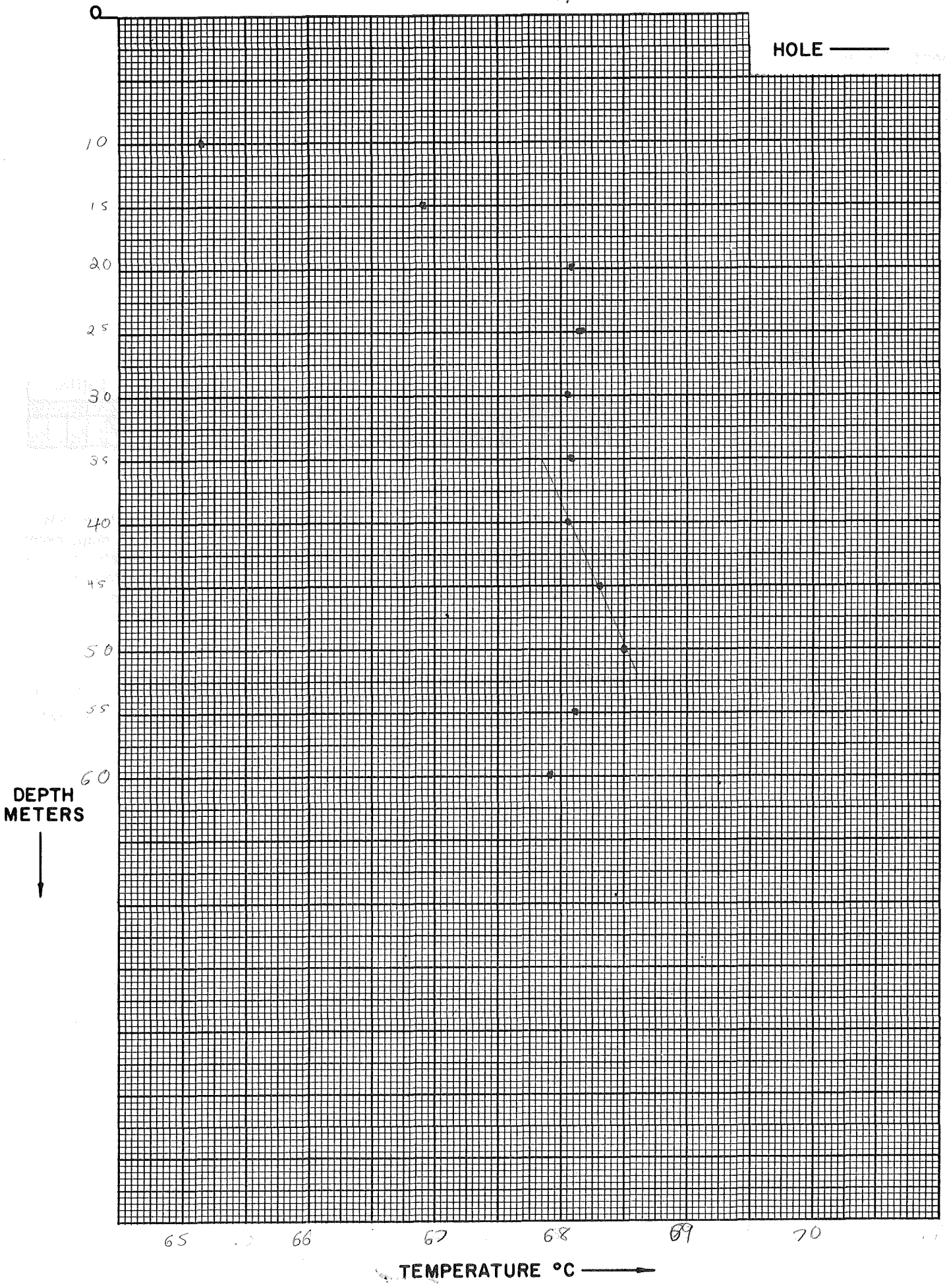
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

Gradient $\approx 37^{\circ}\text{C}/\text{km}$



TEMPERATURE DEPTH LOG

ΔT Well No. 8114 AH13

Property-Project 566 Depth Logged 40
 Map Gerlach Scale 1:62500 Date: Drilled - Logged 8/19/77
 State Nevada County Washoe Section 35 T 33N R 23E
 Instrument DT101 Operator BW Elevation 3905 ft.
 Comments 1-2" PVC, & 1-1 1/2" steel

COMPUTER PROCESSING

RT JUSTIFY: Proj No. Well No. Date Logged (DA MO YR) *

Card A: 9002 1114 11 11 77 CM * 19- Write F if Fahrenheit, 20- Write F if Feet

Site Description: GERLACH AH13 Operator Editor

Card B: Scale Unit (in cm) Map Size (7.5, 15, 60) Map Location (N Lat Degree Min W Long Degree Min)

Map Location: 15.5 110.20 119.30

Northing Easting Elev: 34.65 20.7 F

Use decimals

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

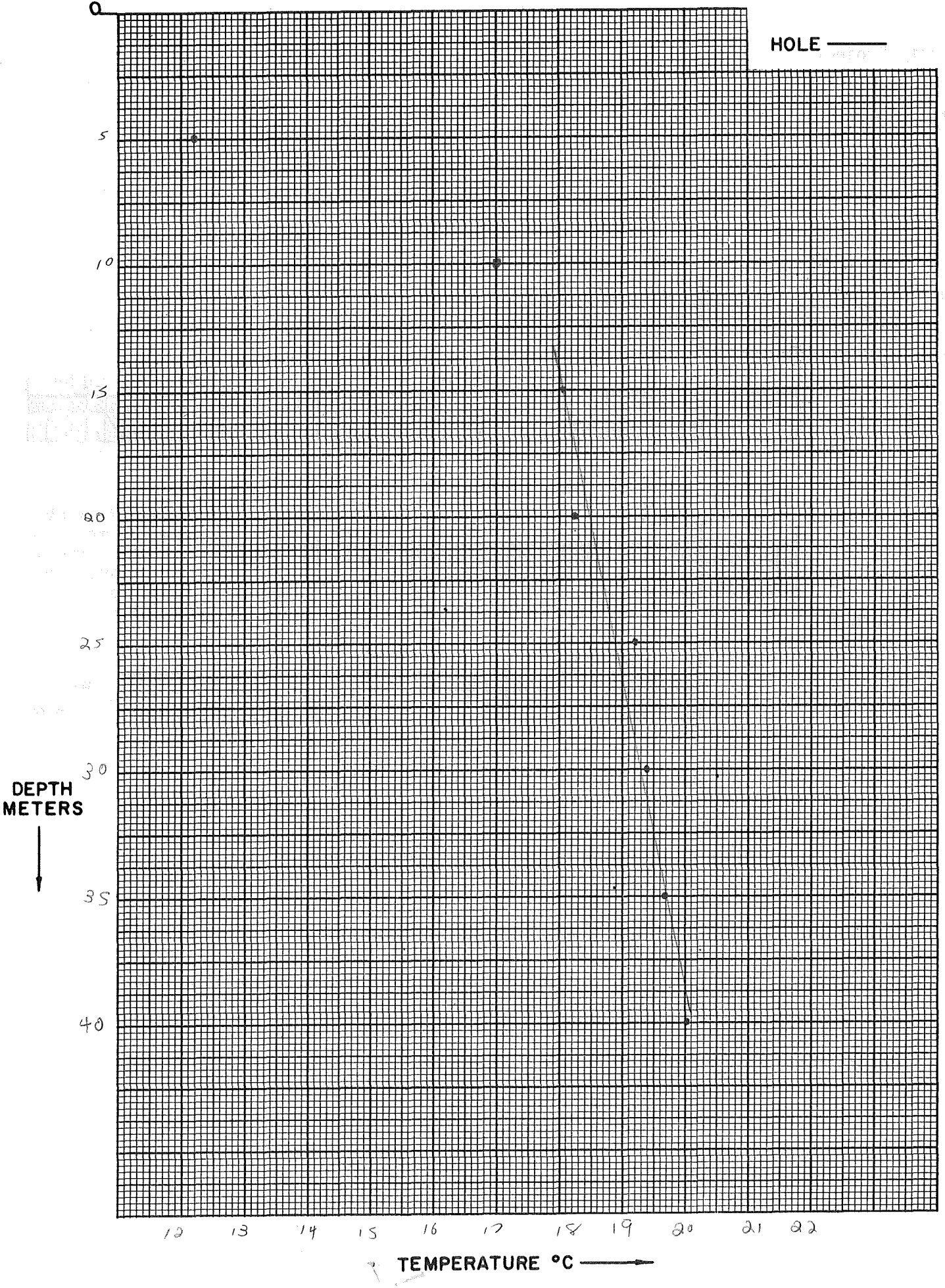
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{19.67 - 18.02}{35 - 15} = \frac{1.65}{20} \times 1000 = 82.5^\circ\text{C}/\text{km}$$



TEMPERATURE DEPTH LOG

0115 2 ✓ ✓

Property-Project 566 ΔT Well No. A48
 Map Gelach Scale 1:62500 Date: Drilled — Logged 8/19/77
 State Nevada County Washoe Section 3 T 30N R 23E
 Instrument PT101 Operator BW Elevation 3920 ft.
 Comments 1-1 1/2" steel pipe

COMPUTER PROCESSING

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				
002										115										9	07	77	CM

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
BERLACH										A48															BW																																		

Card B

Scale Unit					Map Size					Map Location ^Δ					W Long														
in. / cm					(7.5, 15., 60)					N Lat					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					119.30														

Use decimals

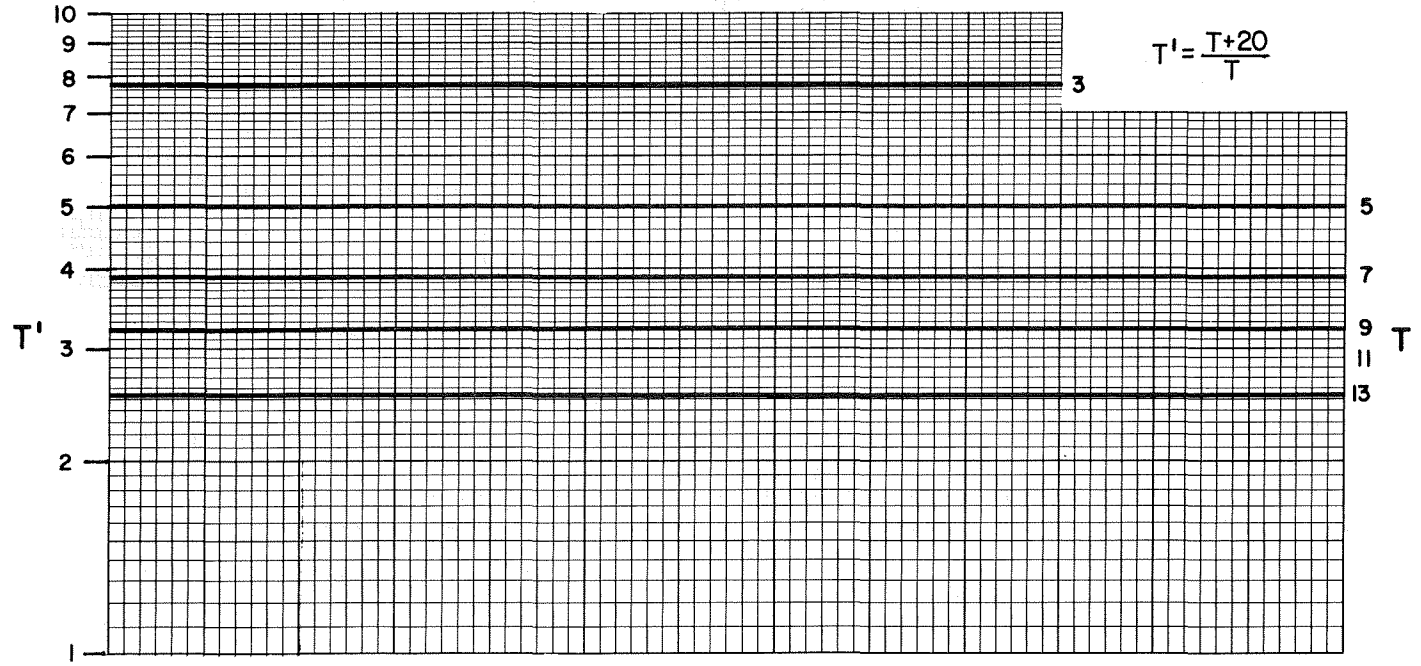
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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
3075										19.80										3920					F				

Use decimals

Write M if meters

AIR TEMPERATURE MEASUREMENTS

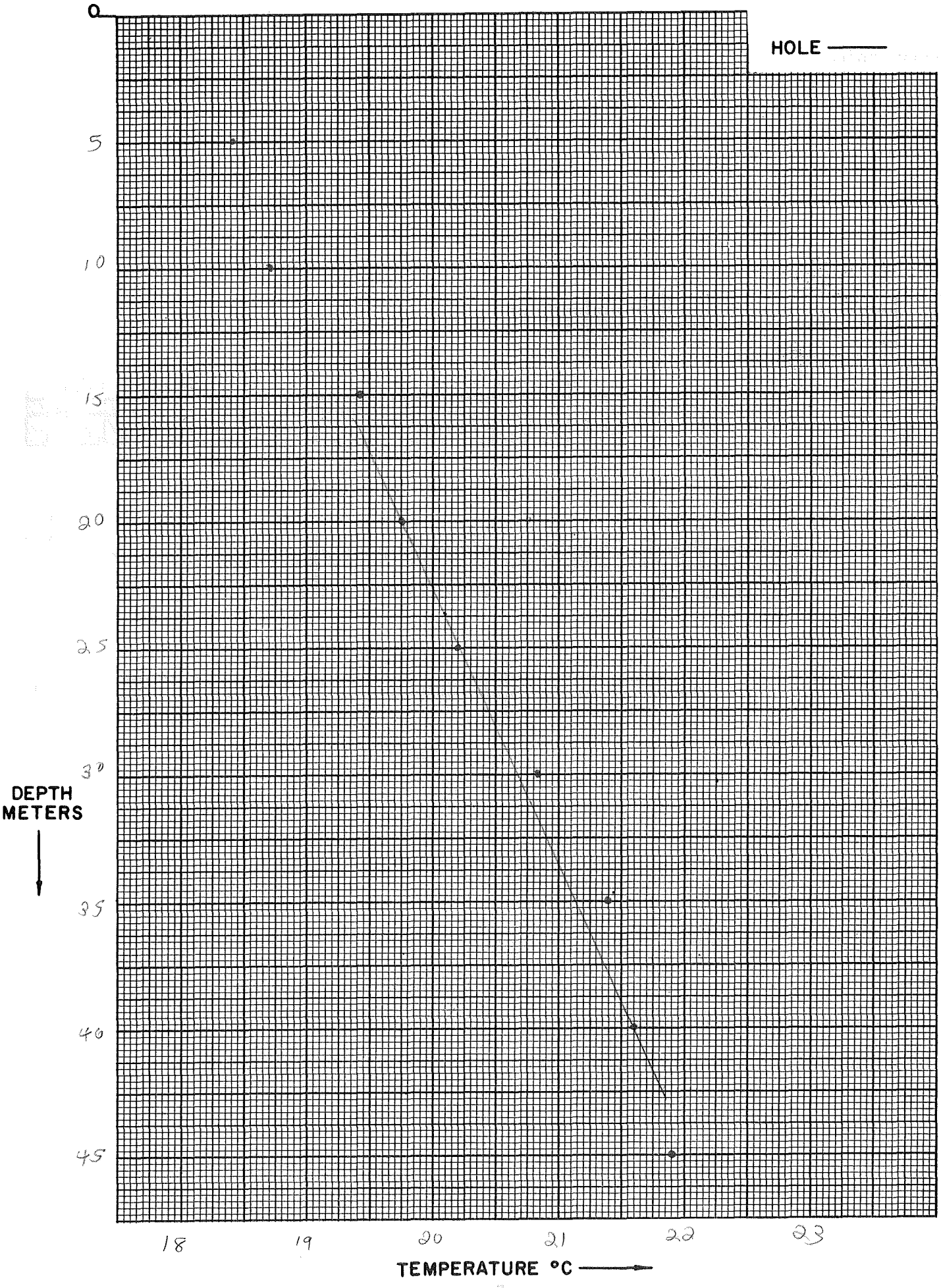


RESISTANCE / TEMPERATURE

$$\frac{21.63 - 19.74}{40 - 20}$$

$$\frac{1.89}{20} \times 1000 = 94.5 \text{ } ^\circ\text{C}/\text{km}$$

HOLE _____



TEMPERATURE DEPTH LOG

0116 ✓

ΔT Well No. 3 AH1

Property-Project 566

Depth Logged 40 meters

Map Gerlach

Scale: 1:6250 Date: Drilled —

Logged 8/19/77

State Nevada

County Washoe

Section SWSE 3

T 32N R 23E

Instrument DT-101

Operator BW

Elevation 3920 ft.

Comments 1-2" PVC, 1-1/2" steel pipe

COMPUTER PROCESSING

RT JUSTIFY: Proj No Well No Date Logged

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	*
9002										116										CM

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

Card A

Site Description																																																		Operator					Editor				
GERLACH AH																																																		BW					/CM				

Map Location Δ

Scale Unit		Map Size		N Lat		W Long		Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)	
in	cm	(7.5, 15, 60)	Degree	Min	Degree	Min			
CM		15,	40,	32,	119,	30,			

Use decimals

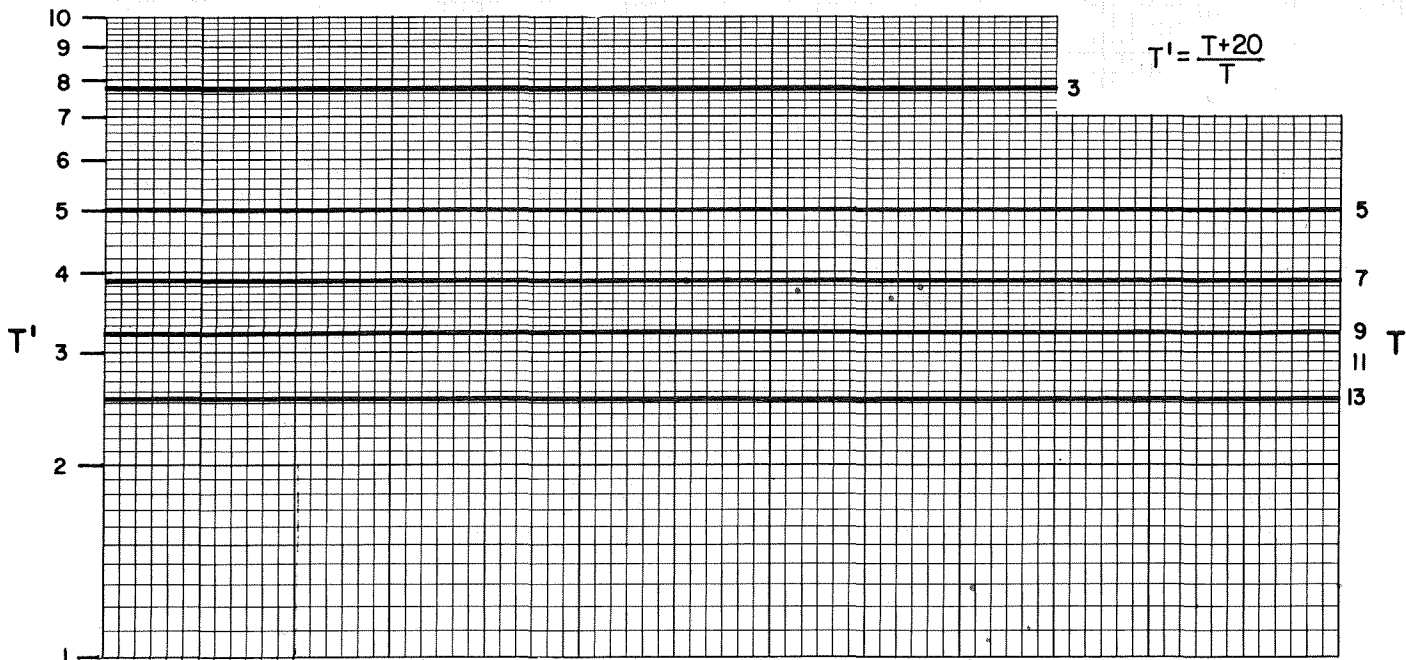
Northing										Easting										Elev																				
37										75										19:10										2120										F

Use decimals

Write M if meters

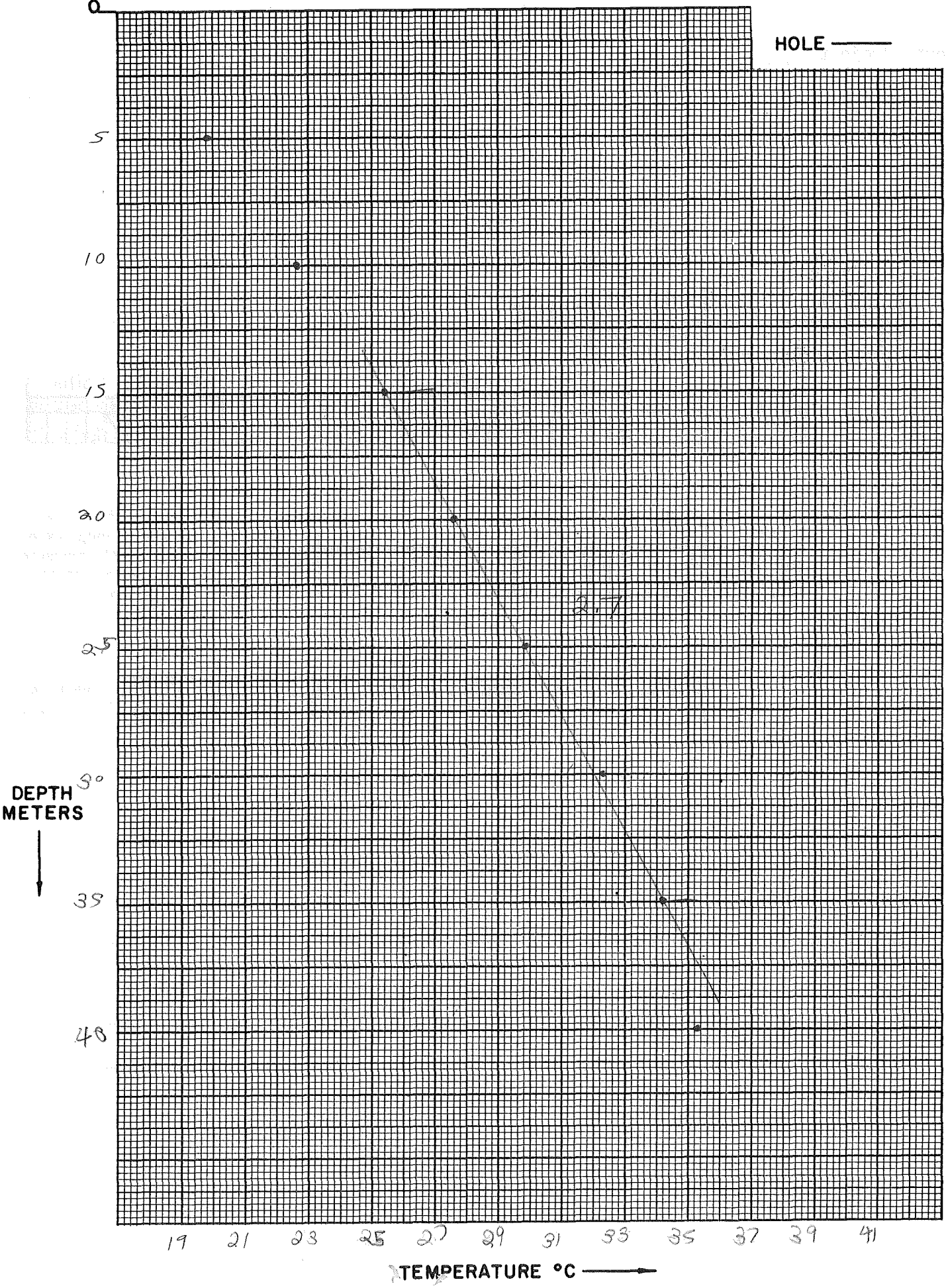
Card B

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{34.12 - 25.35}{35 - 15} = \frac{8.77}{20} \times 1000 = 438.5 \text{ } ^\circ\text{C/km}$$



TEMPERATURE DEPTH LOG

0119 ✓

ΔT Well No. 6 AH4

Property-Project 566 Depth Logged 45 meters

Map Gerlach Scale 1:62500 Date: Drilled _____ Logged 8/19/97

State Nevada County Washoe Section 21 T 30N R 28E

Instrument DT-101 Operator BW Elevation 5930 ft.

Comments 1-2" PVC, 1-1/2" steel Pipe

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No.		Well No.		Date Logged			*												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0002		114		9708			77	CM											

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

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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																				
BERLACH										AH4										BW					/																																		

Card B

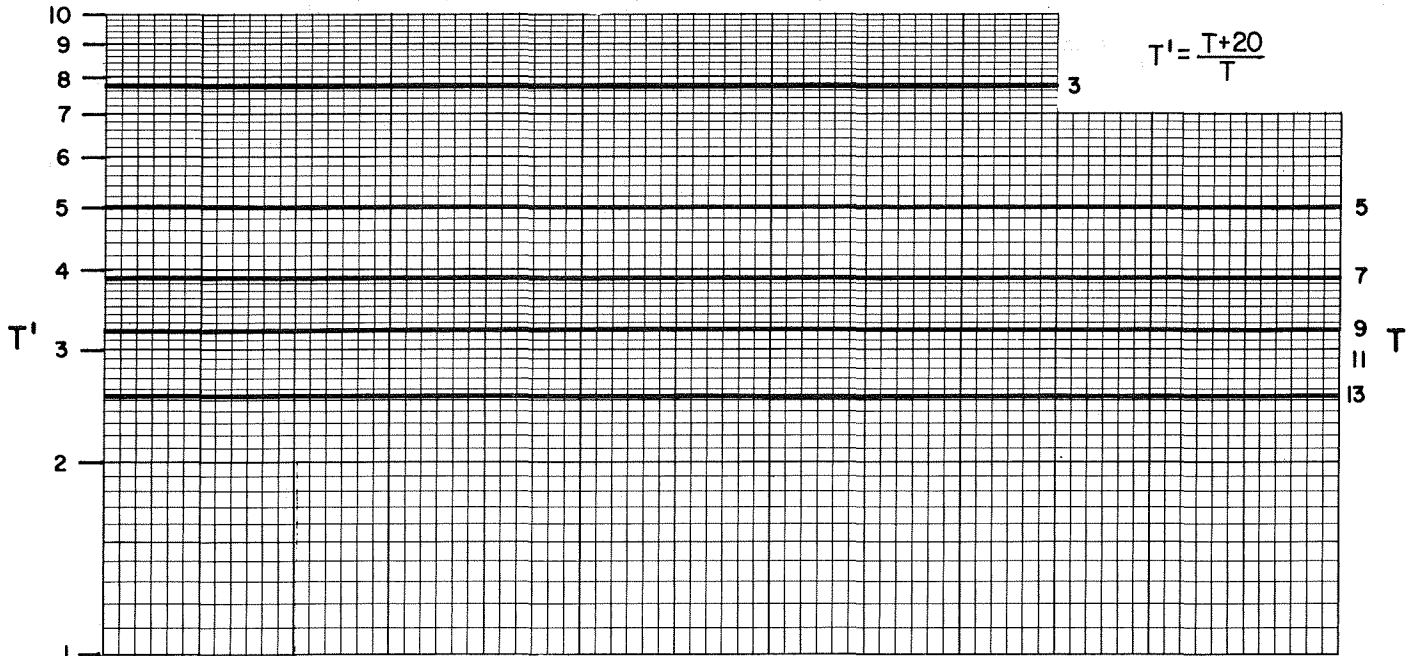
Scale Unit		Map Size		Map Location ^Δ			N Lat			W Long			
in	cm	(7.5, 15, 60)	cm	Degree	Min	Degree	Min	Degree	Min	Degree	Min	Degree	Min
CM		15		40	20	119	30						

Δ 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
3600					17.45					3030					F														

Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

0 27 28 29 30 31 32 33 34 35 36 37

HOLE _____

38 39 40

5

10

15

20

25

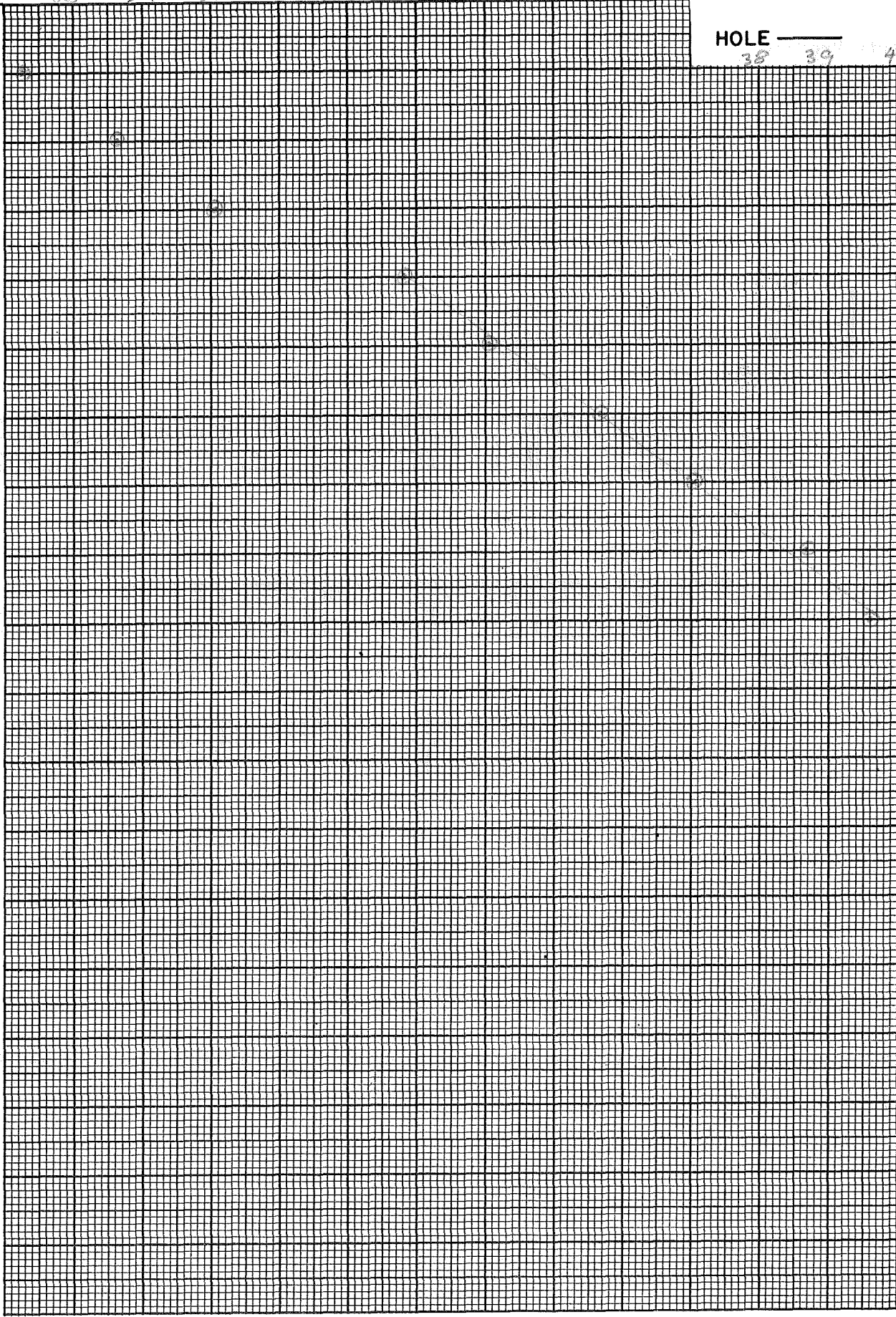
30

35

40

45

DEPTH
METERS



$$\frac{39.6 - 32.82}{45 - 20} = \frac{6.78}{25} = .27 \times 1000$$

TEMPERATURE °C →

$$= 271.2 \text{ } ^\circ\text{C} / \text{km}$$

TEMPERATURE DEPTH LOG

5120 *
7 ✓

Property-Project 566 ΔT Well No. 7
 Map Gerlach Scale 1:62500 Date: Drilled - Depth Logged 25 meters
 State Nevada County Washo Section 21 Logged 8/19/77
 Instrument DT101 Operator BW Elevation 3920 ft.
 Comments 1-18" steel casing

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No										Well No										Date Logged			*
1 2 3 4 5 6 7 8 9 10										11 12 13 14 15 16 17 18 19 20										DA	MO	YR	*
0002										120													CM

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

Site Description																																																		Operator					Editor				
1.5 KM SW																																																		BW					DM				

Card B

Scale Unit		Map Size		Map Location		N Lat		W Long	
in	cm	(7.5, 15, 60)	Degree	Min	Degree	Min	Degree	Min	
CM		15.	40.	30.	119.	30.	0		

Use decimals

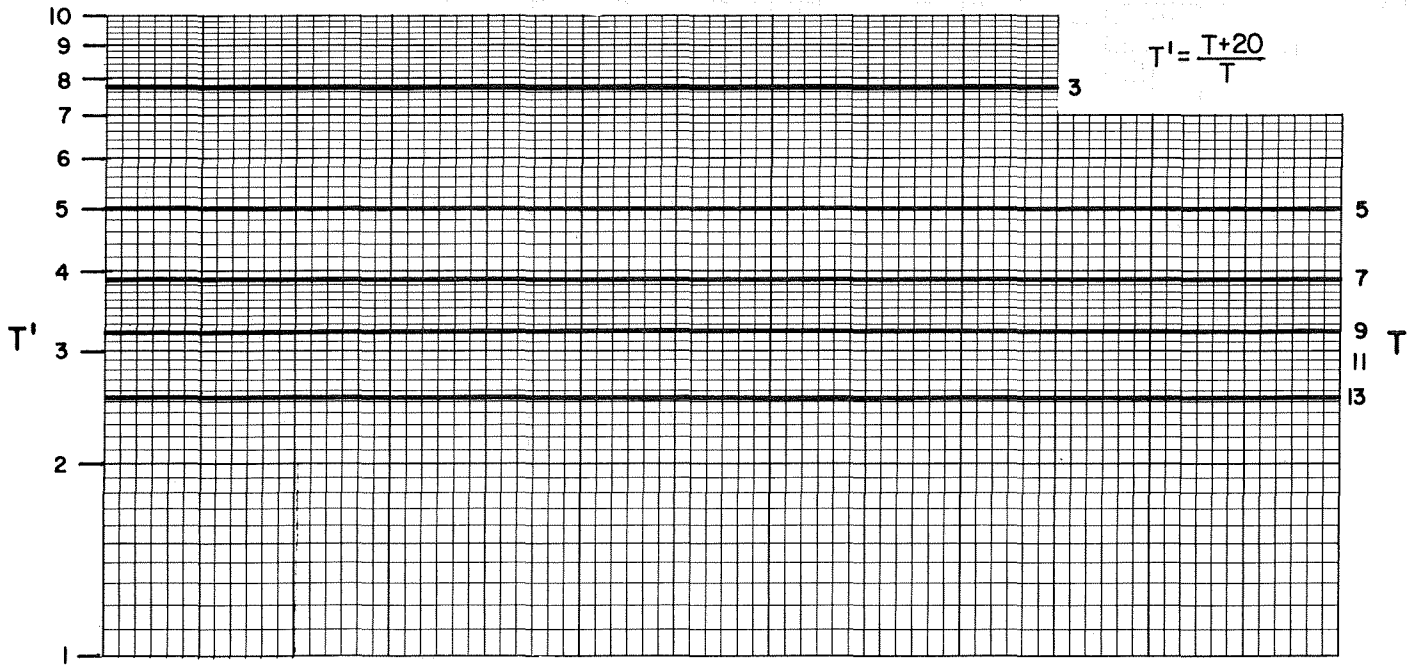
Northing										Easting										Elev									
25.60										17.50										3920									

Use decimals

Write M if meters

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

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE



0 26 27 28 29

HOLE ———

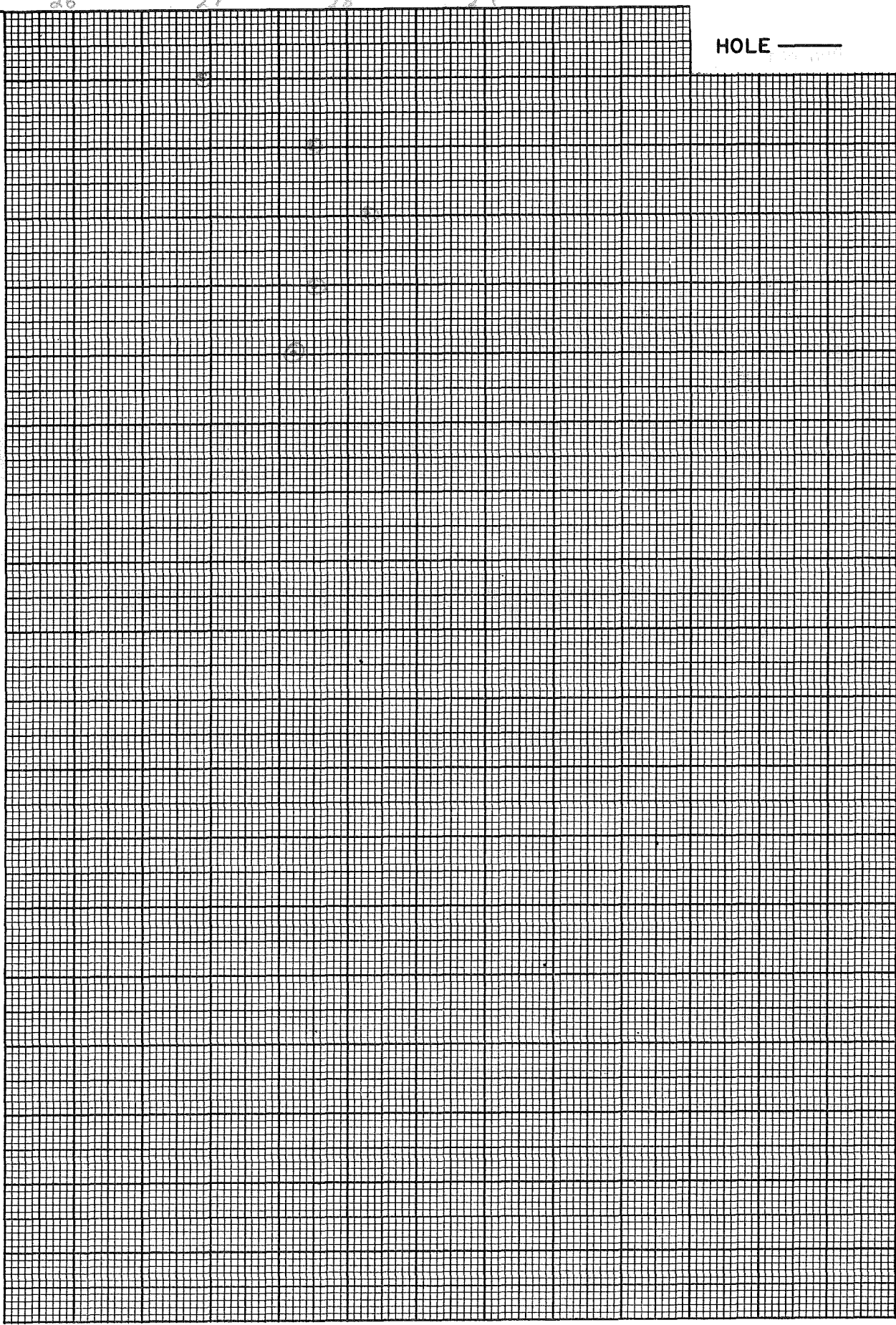
5

10

15

20

25



DEPTH
METERS



TEMPERATURE °C ———>

TEMPERATURE DEPTH LOG

5121 ✓

ΔT Well No. 8 A12

Property-Project 566

Depth Logged 45 meters

Map Gerlach Scale 1:62500 Date: Drilled _____ Logged 8/20/77

State Nevada County Washoe Section 21 T 32N R 25E

Instrument DT101 Operator W-S-H Elevation 3930 ft.

Comments 1-2" PVC Pipe, 1-1 1/2" steel Pipe

COMPUTER PROCESSING

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
0	0	0	2							1	2	1	0	0	0	0	0	0	0
9002																			

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

Site Description																				Operator					Editor														
21	22	23	24	25	26	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
GERLACH AHS																									WSH														

Card B

Scale Unit		Map Size		Map Location Δ		N Lat		W Long	
in	cm	(7.5, 15, 60)	Degree	Min	Degree	Min			
cm		15,	40.	30.	119.	30.			

Use decimals

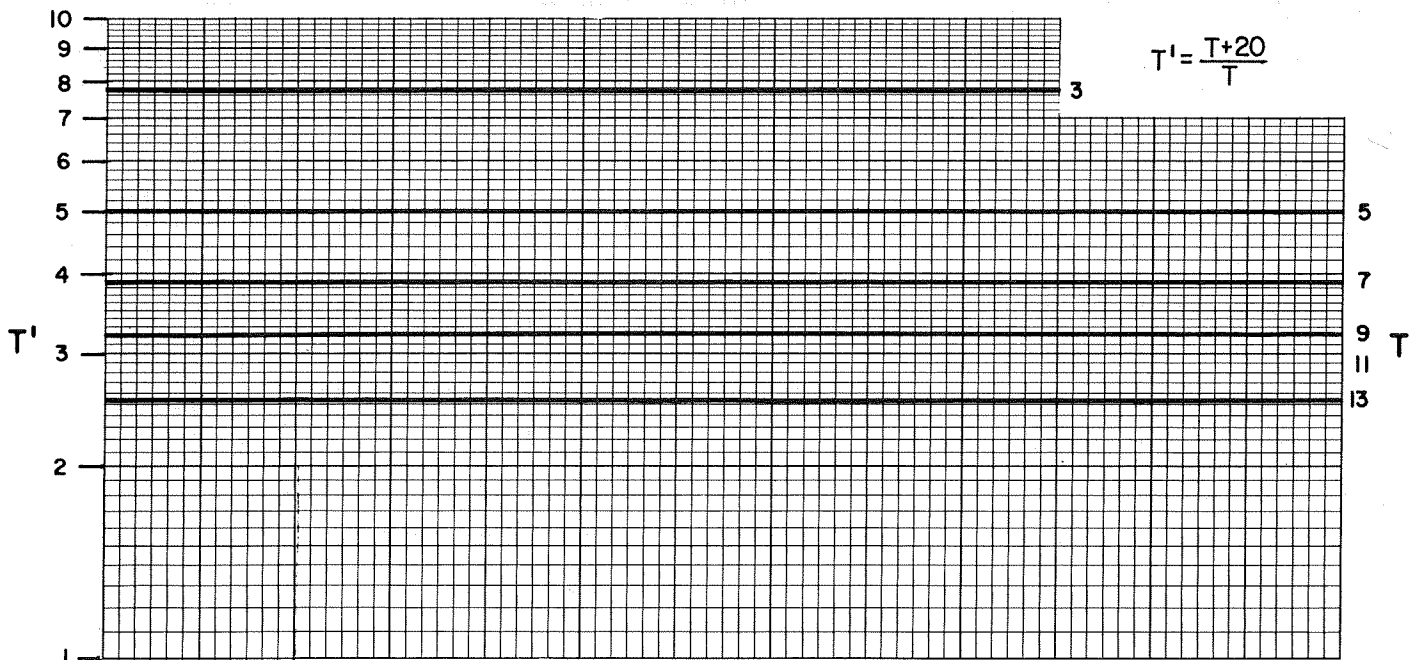
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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
26.										15.30										3930									

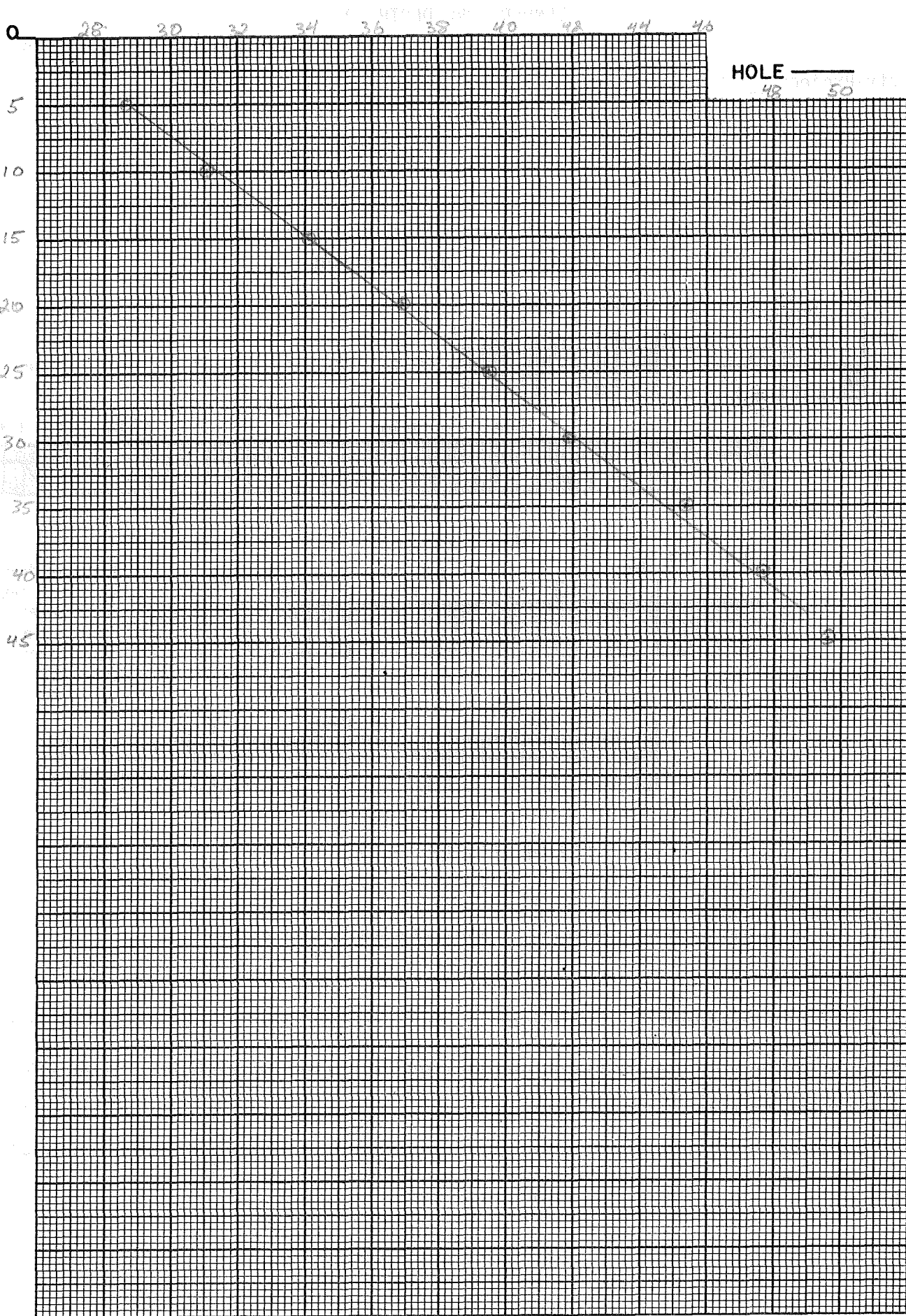
Use decimals

Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE



DEPTH METERS
↓

TEMPERATURE °C →

$$\frac{49.6 - 28.6}{45 - 5} = \frac{21.00}{40} = .53 \times 1000 = 525^\circ\text{C}/\text{km}$$

TEMPERATURE DEPTH LOG

8122 * ✓

Property-Project 566 Δ Well No. 9 AHS
 Map Gerlach Scale 1:62500 Date: Drilled — Depth Logged 13 meters
 State Nevada County Washoe Section SW 16 T 30 N R 23 E
 Instrument DT-101 Operator WSH Elevation 4000 ft.
 Comments 1-1/2" steel pipe

COMPUTER PROCESSING

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																				
9002										122										20										CM									

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

Site Description																																																							Operator					Editor				
GERLACH AHS																																																							WSH					CM				

Card B

Scale Unit		Map Size		Map Location ^Δ				N Lat		W Long	
in	cm	(7.5, 15, 60)		Degree	Min	Degree	Min				
CM		15		40	30	119	30				

Use decimals

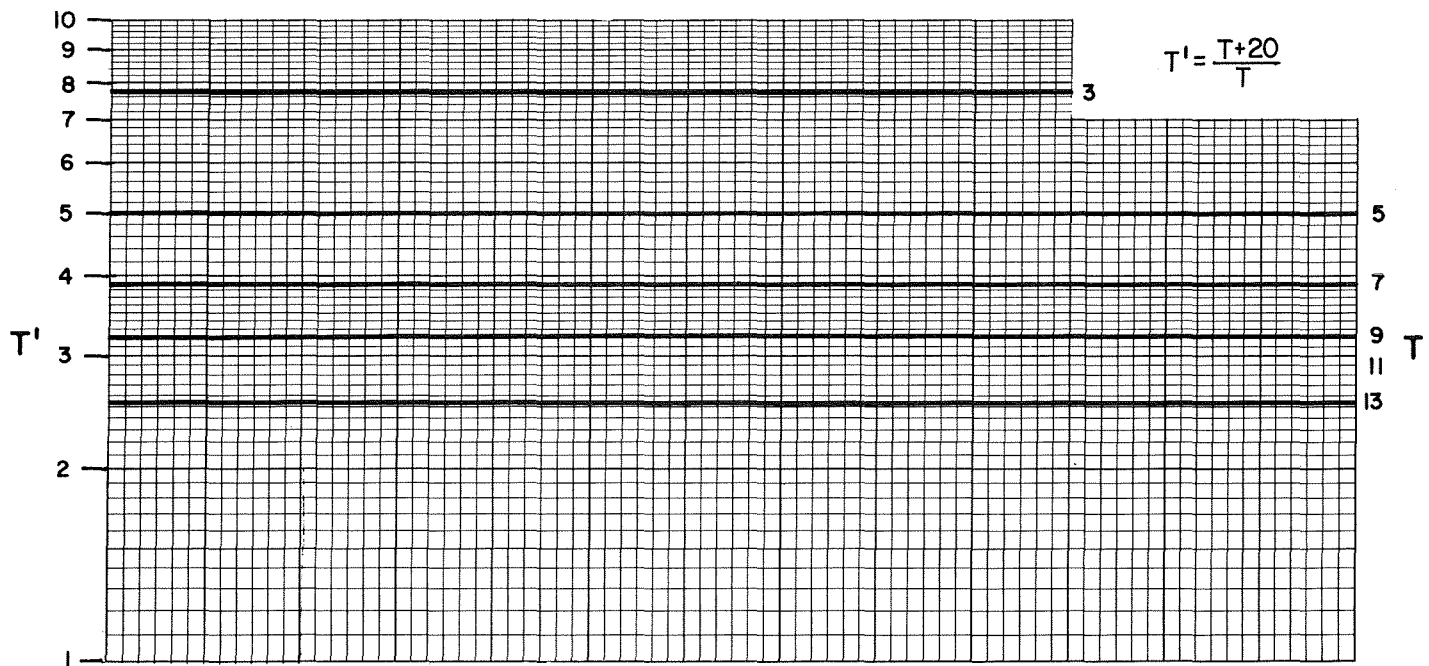
Northing										Easting										Elev									
2770										16.65										4000									

Use decimals

Write M if meters

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

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

TEMPERATURE DEPTH LOG

Δ123 *

ΔT Well No. 10 AHJ

Property-Project 566 Depth Logged 45 meters

Map Gerlach Scale 1:62500 Date: Drilled — Logged 8/20/77

State Nevada County Washoe Section NESE 19 T 32N R 23E

Instrument DT-101 Operator W-S-H Elevation 8920 ft.

Comments _____

COMPUTER PROCESSING

RT JUSTIFY: Proj No Well No 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
002				123						0	0	77	CM						

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

Site Description																																																		Operator						Editor			
21	22	23	24	25	26	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																				
GERLACH AHJ																																																		W-S-H						/CM			

Card B

Scale Unit		Map Size		Map Location ^Δ				N Lat				W Long															
in	cm	(7.5, 15, 60)		Degree	Min	Degree	Min	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
CM				15		40	30	1	1	9								1	1	9							

Use decimals

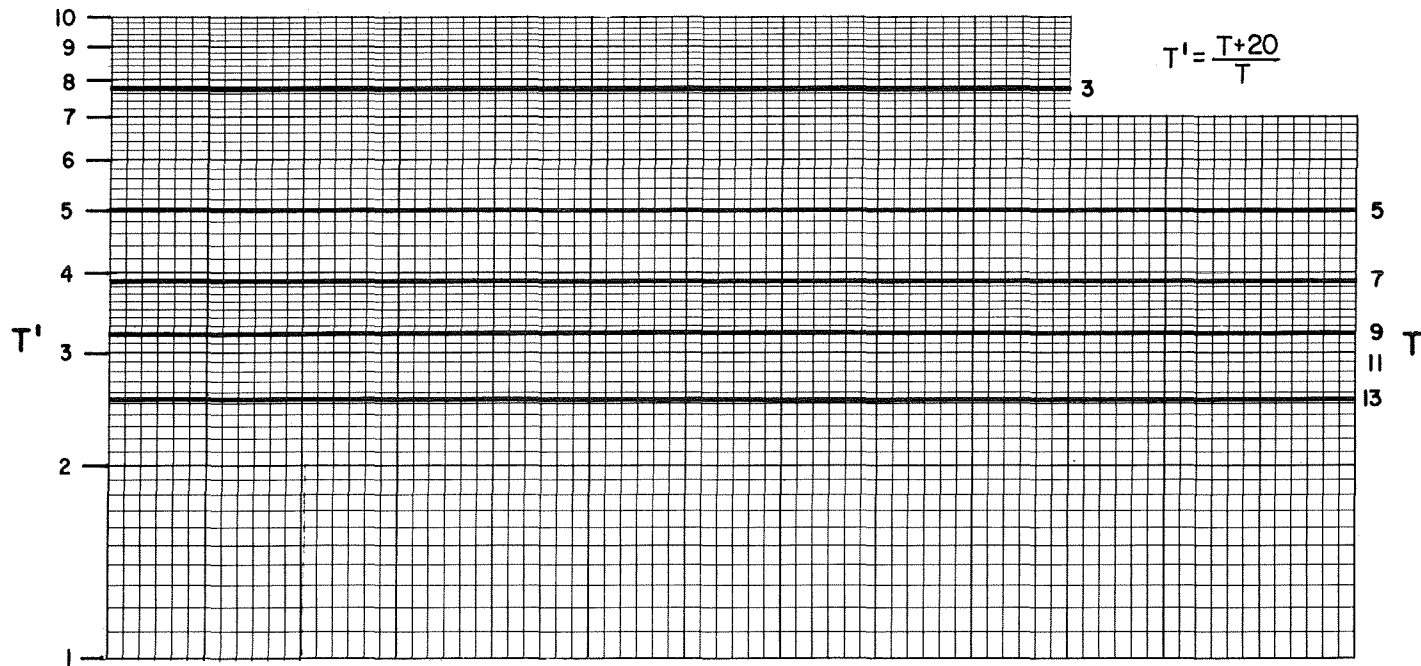
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)

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
2455										12.10										3720									

Use decimals

Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

18 20 22 24 26 28 30 32 34 36 38

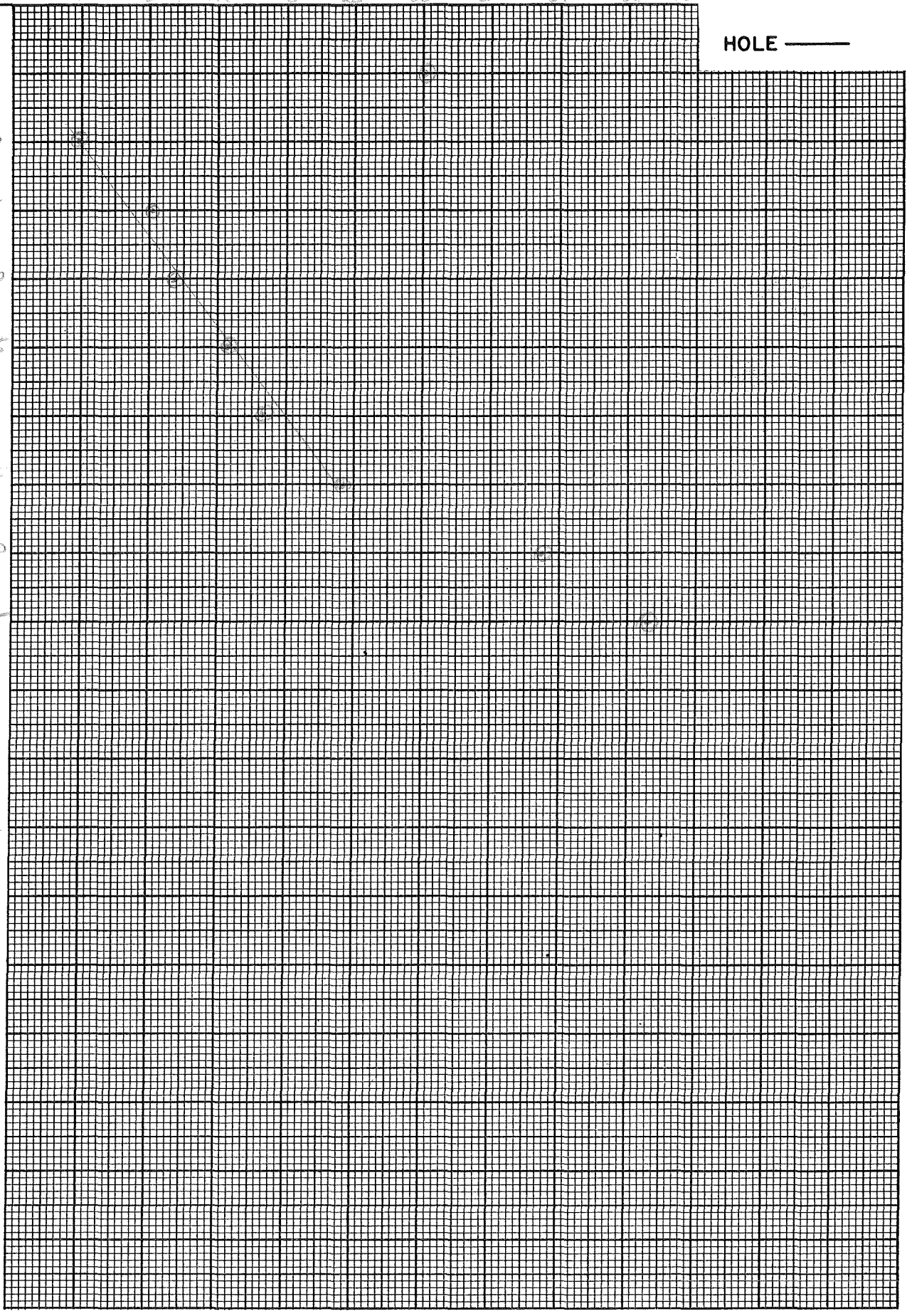
HOLE ———

5
10
15
20
25
30
35
40
45

DEPTH
METERS



TEMPERATURE °C ———→



TEMPERATURE DEPTH LOG

124 3000/km ✓

ΔT Well No. MN-39

Property-Project Conoco 566 Depth Logged 120m

Map Walker Lake AMS Scale _____ Date: Drilled _____ Logged 8/2/97

State Ned County _____ Section - T 8N R 35E

Instrument DT 101 Operator JTS Elevation 5000 ft.

Comments Across the valley from Luning

COMPUTER PROCESSING

RT JUSTIFY: Card A

Proj No.										Well No.										Date Logged										* 19 - Write F if Fahrenheit, 20 - Write F if Feet	
																				DA	MO	YR	*								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	11	08	97	CM								

9002

Site Description																																																		Operator					Editor				
21	22	23	24	25	26	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	JTS	DM																		

Card B

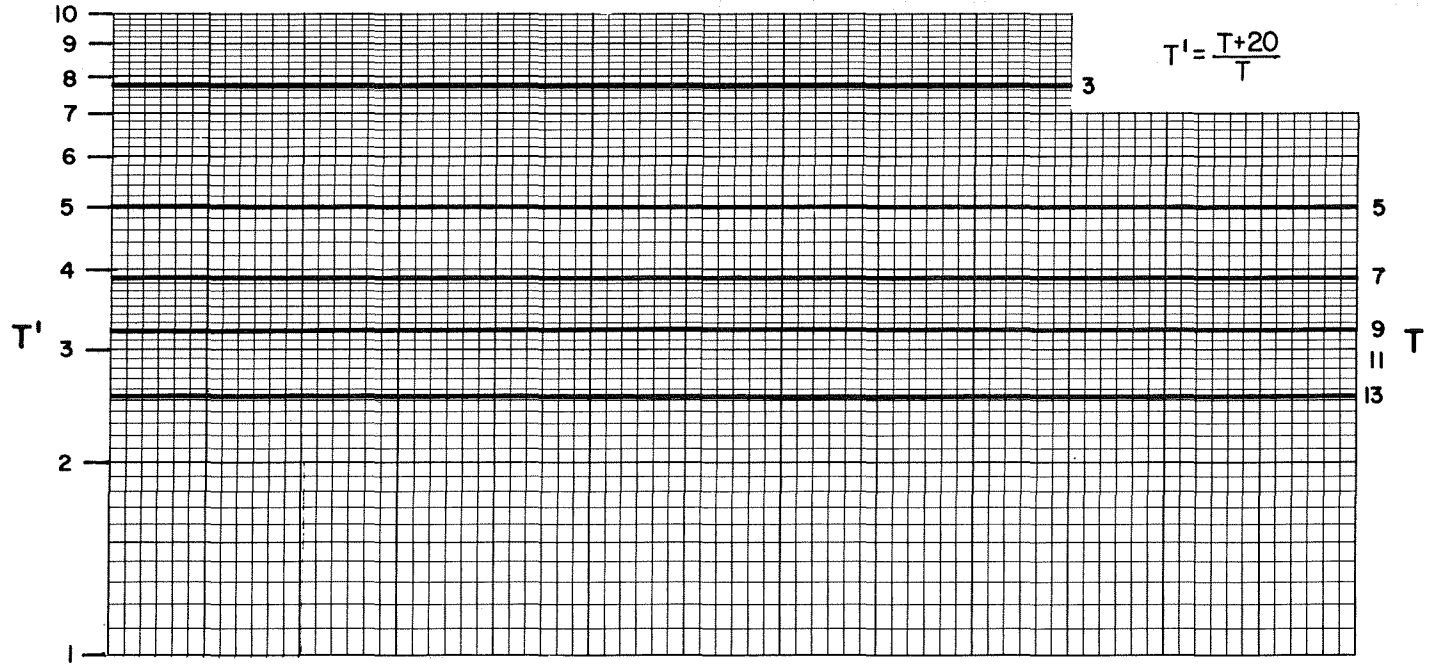
Scale Unit										Map Location										Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)													
in. cm										Map Size (7.5, 15, 60)										N Lat		W Long											
																				Degree	Min	Degree	Min										
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	60.	38.	119.	

Use decimals

Northing										Easting										Elev					Write M if meters								
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	23.4	30.6	5000	F

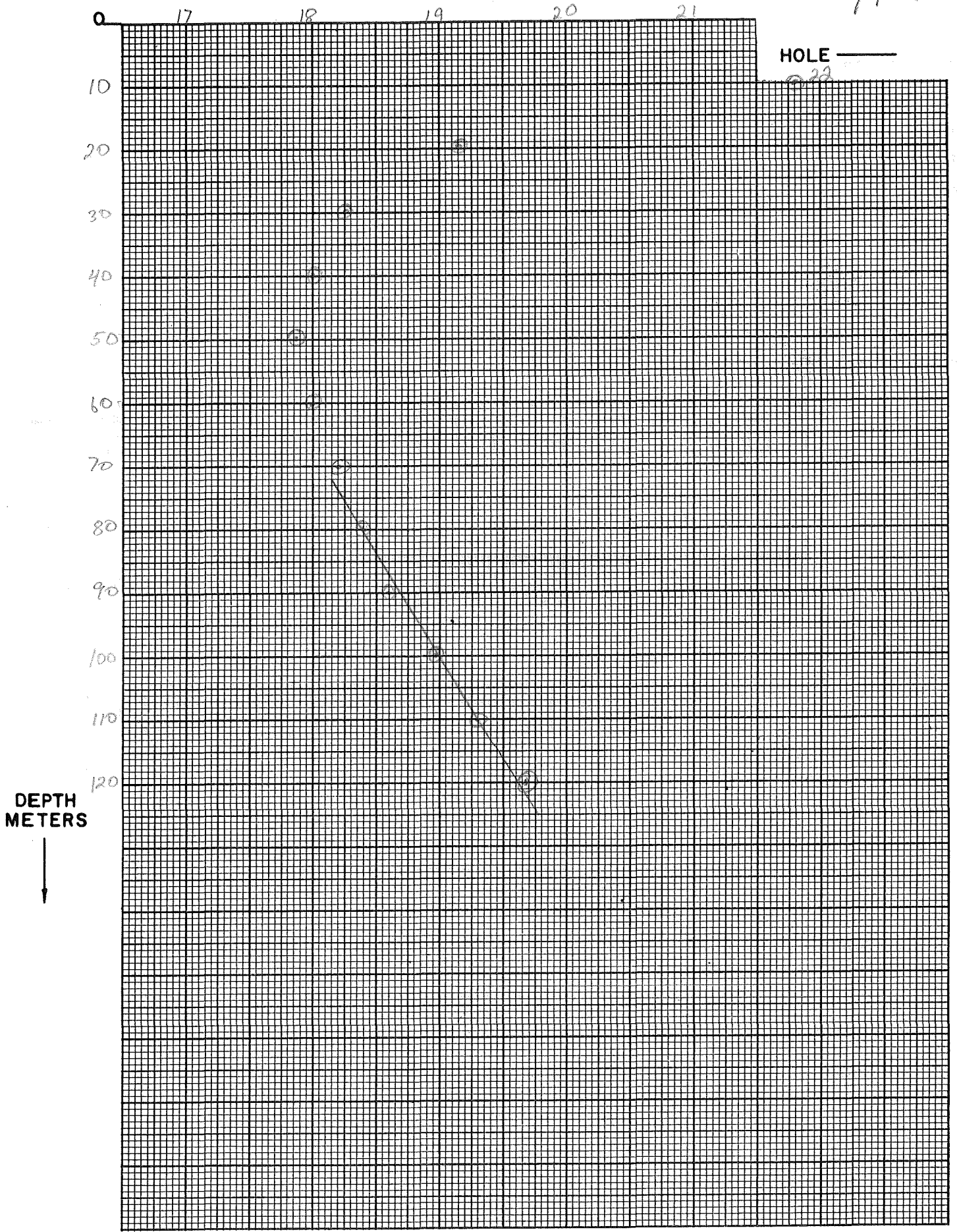
Use decimals

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

30°C/km



$$\frac{19.70 - 18.70}{120 - 80} = \frac{1.0}{40} = 0.025 = 30^\circ\text{C/km}$$

TEMPERATURE DEPTH LOG

53.7 °/km
Δ 125 ✓

ΔT Well No. SM1

Property-Project 566
 Map Vya AMS Scale 1:250,000 Date: Drilled ? Logged 8/18
 State Nevada County Humboldt Section T 40N R 25E
 Instrument DT-101 Operator DM-FD Elevation 4500 ft.
 Comments 3" PVC USGS heat flow hole

COMPUTER PROCESSING

RT JUSTIFY: **Card A**

Proj No.				Well No.						Date Logged						*				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	*
0	0	0	2						125	8										CM

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

Site Description																																																Operator				Editor			
21	22	23	24	25	26	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	DM	DM														
SOLDIER MEADOWS USGS HOLE																																																				DM/DM			

Card B

Scale Unit		Map Size		Map Location ^Δ				W Long														
in.	cm	(7.5, 15, 60)		N Lat		Degree		Degree		Min												
CM		60		36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Use decimals			
				111				9														

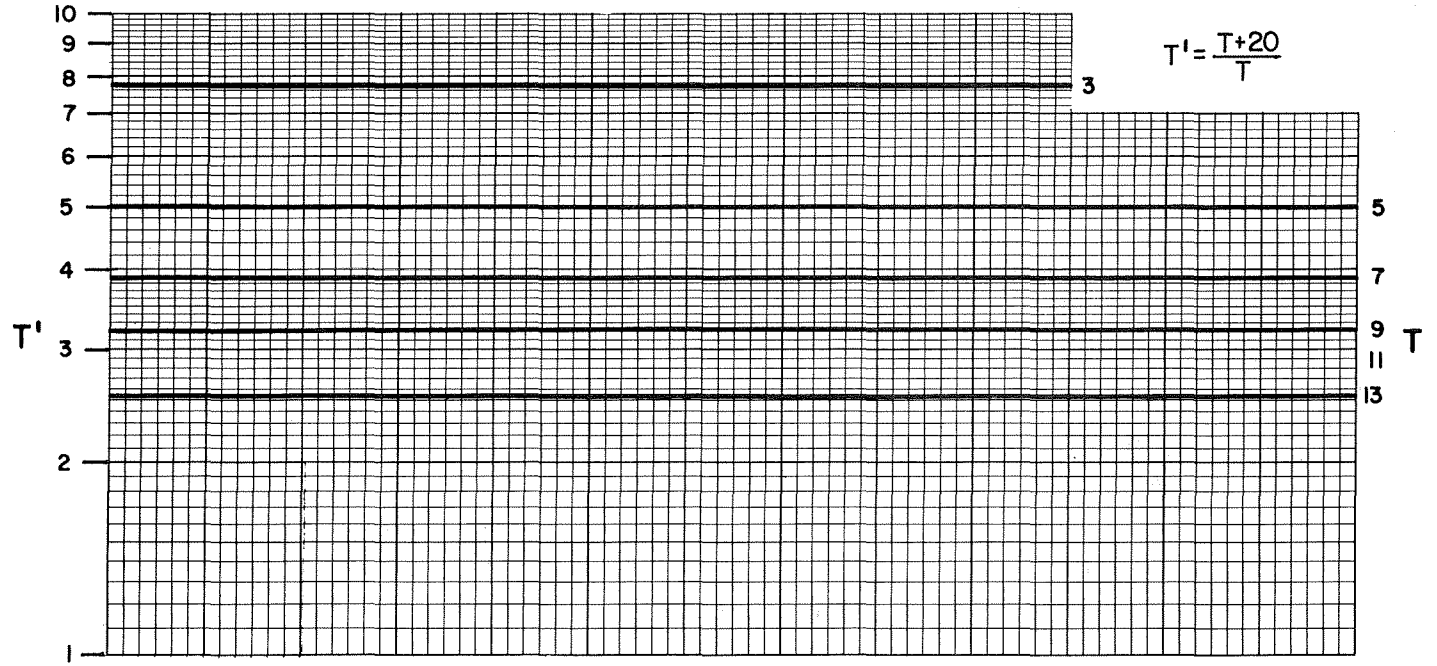
Δ Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W, -) (E, +)

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	F
76.5										-5.8										4500										

Use decimals

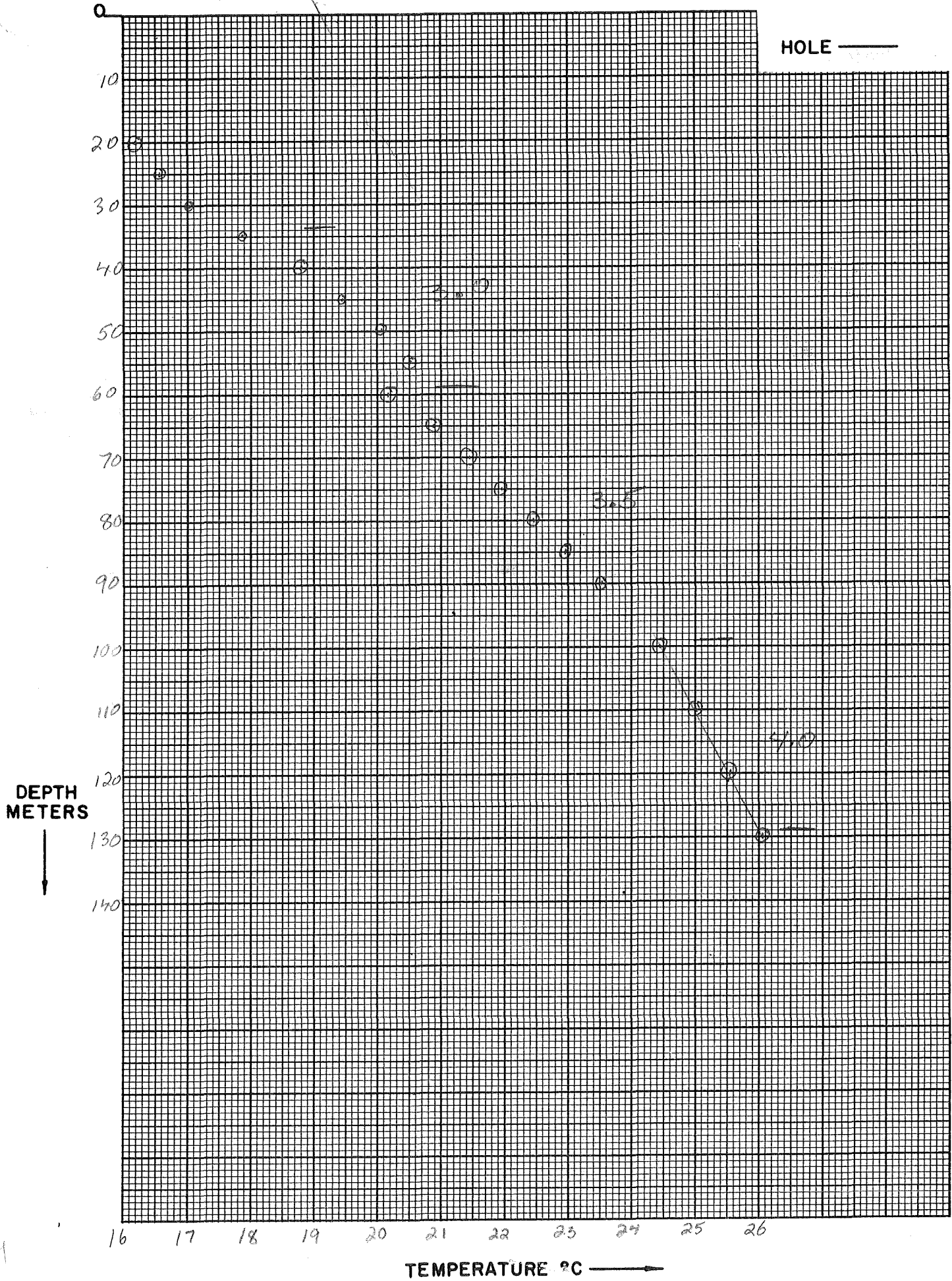
Write M if meters

AIR TEMPERATURE MEASUREMENTS



RESISTANCE / TEMPERATURE

$$\frac{26.05^{\circ} - 24.44^{\circ}}{.13\text{km} - .1\text{km}} = \frac{1.61^{\circ}\text{C}}{.03\text{km}} = 53.7^{\circ}\text{C}/\text{km}$$



Δ125

Date Logged: 8/18

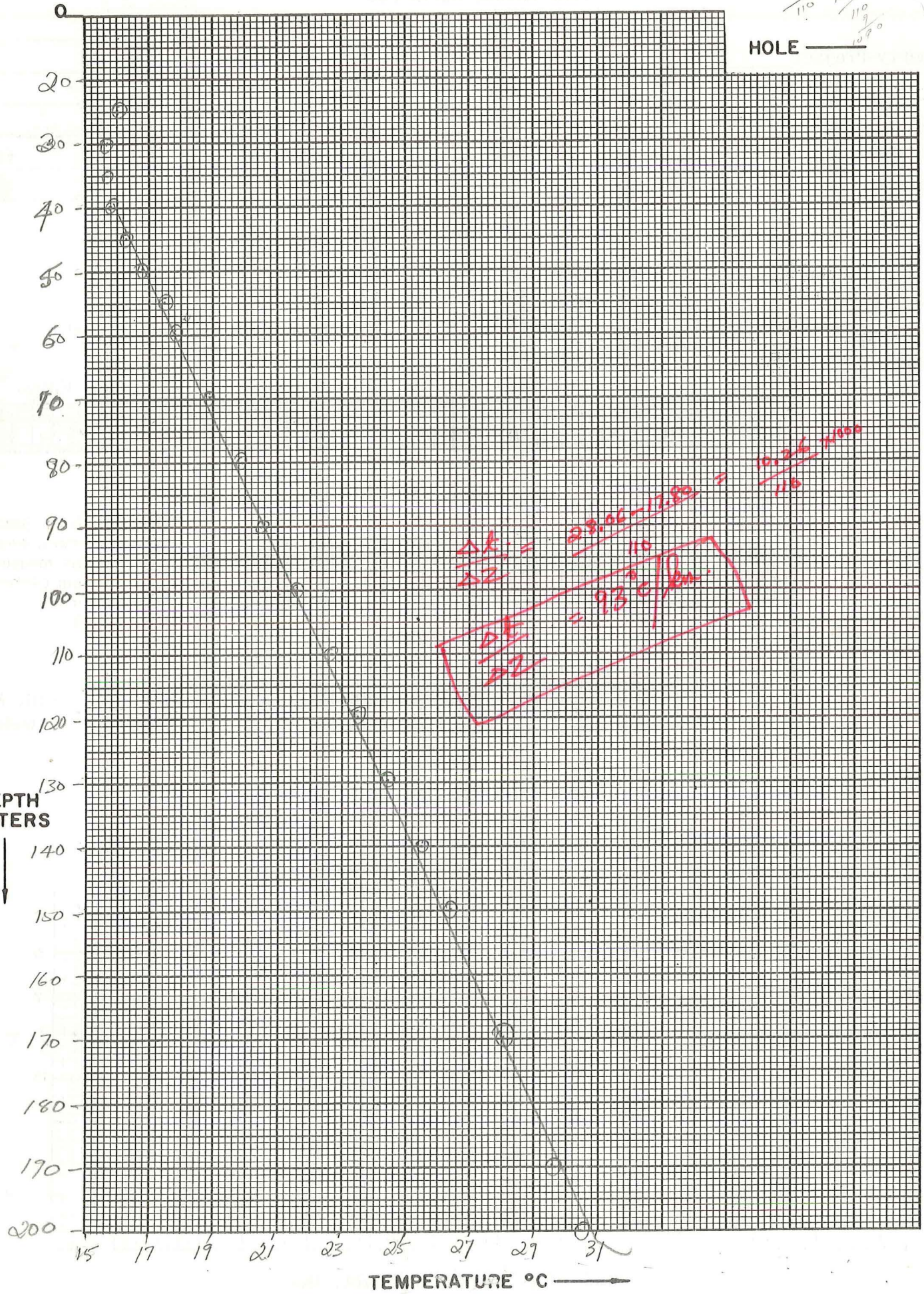
ΔT Well No. SM 1

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
20		16.2				H ₂ O	
			.35	70			
25		16.55					
			.5	100			
30		17.05					
			.83	166			
35		17.88					$k = 1.5 \pm 0.25$
			.92	184			
40		18.8					
			.67	134			
45		19.47					
			.6	120			
50		20.07					
			.44	88			
55		20.51					
			-.33	-66			
60		20.18					
			.71	142			
65		20.89					
			.56	112			
70		21.45					
			.5	100			
75		21.95					
			.5	100			
80		22.45					
			.53	106			
85		22.98					
			.54	108			
90		23.52					
			.92	92			
100		24.44					
			.58	58			
110		25.02					
			.53	53			
120		25.55					
			.5	50			
130		26.05					bottom
99999.							

K=Conductivity

$\frac{170 - 28.06}{60} = \frac{17.80}{10}$
 $\frac{110}{10} = 11$
 $\frac{17.80}{10} = 1.78$
 $\frac{110}{10} = 11$
 $\frac{1.78}{11} = 0.1618$
 $\frac{10.26}{10} = 1.026$
 $\frac{1.026}{11} = 0.0933$
 $\frac{10.26}{11} = 0.933$

HOLE _____



$\frac{10.26}{11} = 0.933$
 $\frac{9.3}{36}$

DEPTH METERS
↓

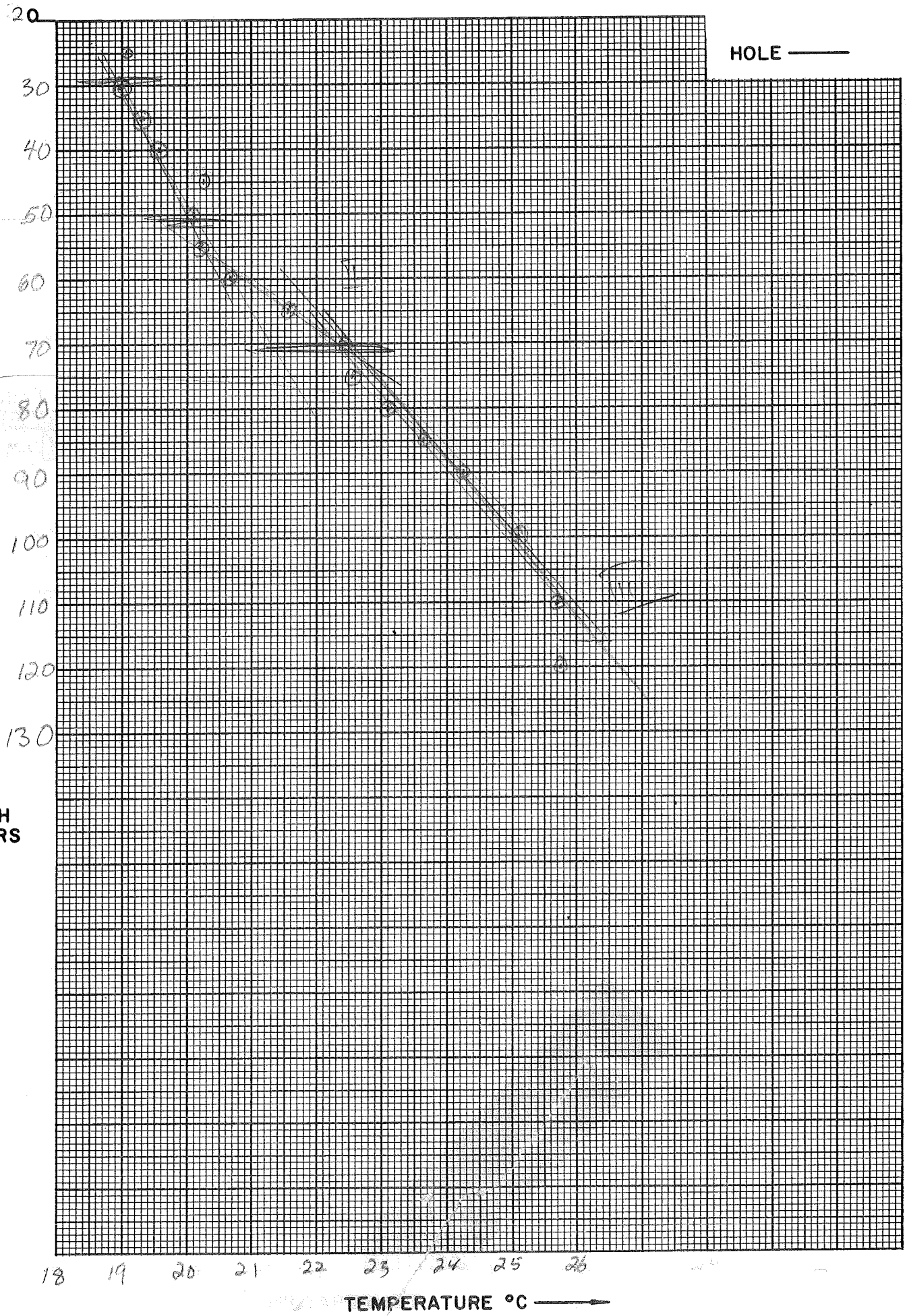
TEMPERATURE °C →

Date Logged: 8-21-77 ΔT Well No. _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
10		15.7					
20		11					
25		16.0					$K = 6.0 \pm 0.50$
30		15.7	-0.3				
35		15.7	-0-			H ₂ O	
40		15.8	.1	20			
45		16.32	.52	104			
50		16.8	.48	96			
55		17.45	.65	130			
60		17.8	.35	70			
70		18.9	1.1	110			
80		19.92	1.02	102			
90		20.52	.6	60			
100		21.62	1.1	110			
110		22.72	1.1	110			
120		23.50	.78	78			
130		24.4	.9	90			
140		25.5	1.1	110			
150		26.4	.9	90			
170		28.06	1.66	83			
190		29.63	1.57	79			
200		30.5	.87	87			
99999.							

K=Conductivity

$$\frac{25.7 - 22.45}{.11 - .07} = \frac{3.25^{\circ}\text{C}}{.04 \text{ km}} = 81.25^{\circ}\text{C/km}$$



Date Logged: 8/16/77

ΔT Well No. McCoy USGS

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
							Measured from bottom to top
10		17.50					
15							
20		18.10					
25		19.05					wilder than a
30		19.00	-.05	-10			Peach orchard Bore
35		19.30	.3	60			
40		19.60	.30	60			
45		20.25	.65	130			
50		20.10	-.15	(30)			
55		20.20	.10	20			
60		20.70	.50	100			
65		21.55	.85	170			
70		22.45	.90	150			
75		22.55	.10	20			H ₂ O Level
80		23.10	.45	90			
85		23.65	.55	110			
90		24.25 ^{Evap.}	.40	80			Evap
95		"					
100		25.10	.85	85			
110		25.70	.60	60			K = 5.5 ± .5
120		25.75	.05	5 5			
130		25.75	0				
99999.							

K=Conductivity