

AMAX EXPLORATION, INC.

TEMPERATURE/DEPTH LOG

864-62

ΔT Well No. 38-9

Property-Project McCoy Depth Logged 620m  
 Map Gilbert Ck S.W. Scale 7 1/2 Date: Drilled 5-21-81 Logged 7-31-81  
 State NV County Churchill of SE of SW of Sec 9 T 23 N R 40 E  
 Instrument # 46 Operator JED Elevation \_\_\_\_\_ (ft/m)  
 Comments 2 3/8" H2O Filled steel ppc in open 6 1/4" hole

RT JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				
864	62	31	07	81	CM

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

Card A

Site Description	Operator	Editor	DA	MO	YR
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68			
0.35 KM N MCCOY MINE	JED	DD	21	05	81

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

Card B

Map Location \*\*

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

Use decimals

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

Northing	Easting	Elev
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80	
55.55	4.09	F

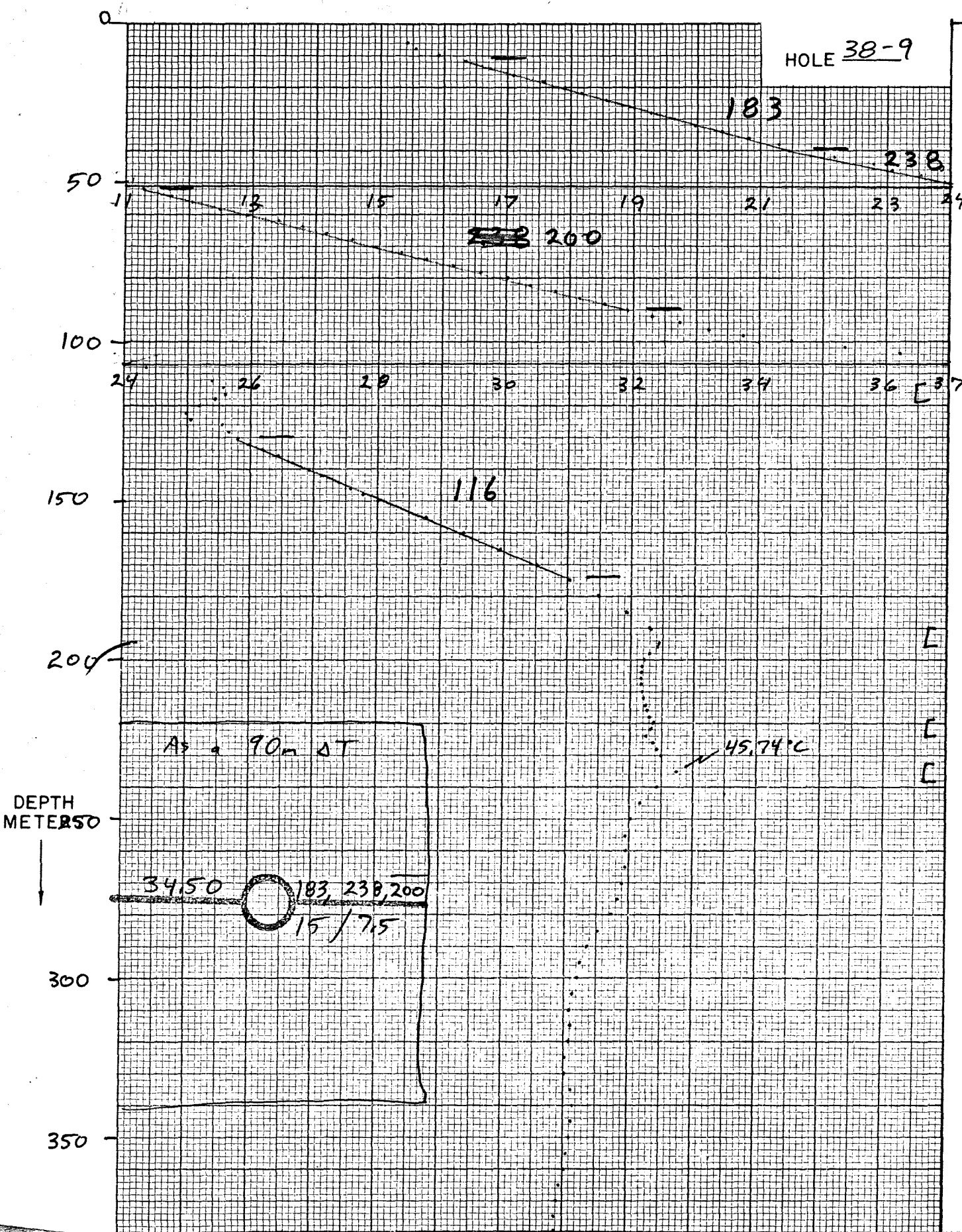
Use decimals

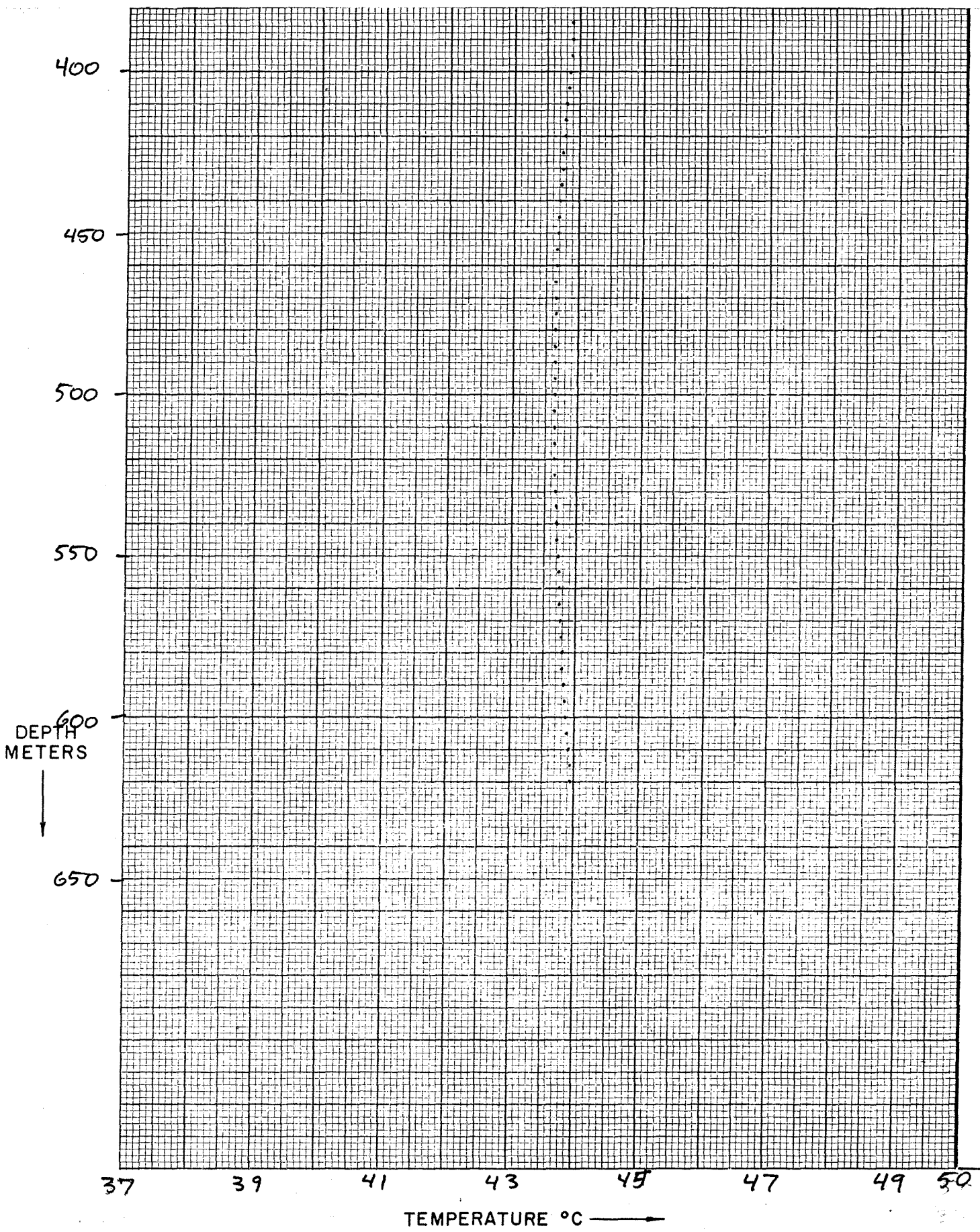
Write M if meters

Segment 1 = Depths	Conductivity	Best cond. (-K)		
Start	End	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	K	ΔK		
	12.0	40.0		
Segment 2	51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	K	ΔK	
Start →	40.0	52.0		
Segment 3	52.0	90.0	-7.5	-0.5
Segment 4	90.0	130.0		
Segment 5	130.0	175.0		
Segment 6	175.0	195.0		
Segment 7	195.0	620.0		
Segment 8	620.0			
Segment 9				
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50				

HOLE 38-9

Chert pebble cong, quartzites, siltstones





Date Logged: 7-31-81ΔT Well No. 38-9

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
6	124.60	15.41				H <sub>2</sub> O	Cable in .1060
8	123.99	15.56	0.35	175			Cable out .0926
10	122.50	15.91	0.43	215			
12	120.73	16.34	0.42	210			
14	118.99	16.76	0.34	170			
16	117.60	17.10	0.44	220			
18	115.85	17.54	0.36	180			
20	114.40	17.90	0.29	145			
22	113.25	18.19	0.35	175			
24	111.91	18.54	0.39	195			
26	110.37	18.93	0.34	170			
28	109.07	19.27	0.37	185		✓	
30	107.67	19.64	0.34	170			
32	106.41	19.98	0.42	210			
34	104.83	20.40	0.42	210			
36	103.30	20.82	0.48	240			
38	101.56	21.30	0.15	75			
40	100.01	21.45	0.72	360			
42	98.45	22.17	0.53	265			
44	96.60	22.70	0.39	195			
46	95.28	23.09	0.47	235			
48	93.68	23.56	0.37	185			
50	92.43	23.93	0.37	185			
52	91.22	24.30	0.40	200			
54	89.89	24.70	0.35	175			
56	88.78	25.05	0.42	210			
58	87.42	25.47					

K=Conductivity

Date Logged: \_\_\_\_\_

ΔT Well No. 38-9

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
60	86.02	25.92	0.45	225			
62	84.49	26.41	0.49	245			
64	83.34	26.79	0.38	190			
66	82.20	27.17	0.38	190			
68	80.98	27.58	0.41	205			
70	79.91	27.94	0.36	180			
72	78.71	28.35	0.41	205			
74	77.51	28.77	0.42	210			
76	76.38	29.17	0.40	200			
78	75.20	29.60	0.43	215			
80	74.04	30.02	0.42	210			
82	73.05	30.39	0.37	185			
84	71.97	30.79	0.40	200			
86	70.96	31.17	0.38	190			
88	69.95	31.56	0.39	195			
90	69.05	31.91	0.35	175			
92	68.04	32.31	0.40	200			
94	67.03	32.72	0.41	205			
96	65.85	33.20	0.48	240			
98	64.50	33.75	0.55	275			
100	62.73	34.50	0.75	375			
102	60.79	35.35	0.85	425			
104	59.86	36.22	0.87	435			
106	57.17	37.00	0.78	390			
108	56.44	37.35	0.35	175			
110	—		1.03	258			
112	54.31	38.38					

K=Conductivity

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Date Logged: \_\_\_\_\_

 $\Delta T$  Well No. 38-9

Depth (meters)	Instr. Reading	Temp. °C	$\Delta T$	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
114	53.93	38.57	0.19	95			
			0.02	10			
116	53.89	38.59	-0.14	-70			
118	54.18	38.45	-0.26	-130			
120	54.70	38.19	-0.19	-95			
122	55.10	38.00	0.06	30			
124	54.97	38.06	0.49	245			
126	53.98	38.55	0.11	55			
128	53.76	38.66	0.15	75			
130	53.45	38.81	0.18	90			
132	53.10	38.99	0.22	110			
134	52.66	39.21	0.23	115			
136	52.21	39.44	0.23	115			
138	51.78	39.67	0.26	130			
140	51.28	39.93	0.23	115			
142	50.84	40.16	0.24	120			
144	50.38	40.40	0.19	95			
146	50.03	40.59	0.19	95			
148	49.68	40.78	0.24	120			
150	49.24	41.02	0.75	150			
155	47.89	41.77	0.60	120			
160	46.83	42.37	0.58	116			
165	45.83	42.95	0.56	112			
170	44.88	43.51	0.49	98			
175	44.04	44.02	0.47	94			
180	43.29	44.49	0.46	92			
185	42.56	44.95	0.35	70			
190	42.00	45.30					

K=Conductivity

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Date Logged: \_\_\_\_\_

 $\Delta T$  Well No. 38-9

Depth (meters)	Instr. Reading	Temp. °C	$\Delta T$	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
195	41.81	45.43	0.13	26			
<u>196</u>	<u>41.84</u>	<u>45.41</u>	-0.02	-20			
197	41.95	45.34	-0.07	-70			
198	42.01	45.30	-0.04	-40			
199	42.07	45.26	-0.04	-40			
200	42.13	45.22	-0.04	-40			
<u>202</u>	<u>42.20</u>	<u>45.17</u>	-0.05	-25			
204	42.22	45.16	-0.01	-5			
206	42.22	45.16	-0.00	0			
208	42.22	45.16	-0.00	0			
210	42.19	45.18	0.02	10			
212	42.16	45.20	0.02	10			
214	42.11	45.23	0.03	15			
216	42.06	45.26	0.03	15			
218	41.99	45.31	0.05	25			
220	41.91	45.36	0.05	25			
<del>222</del>	<del>41.98</del>	<del>45.32</del>	-0.04	-20			
224	42.06	45.26	-0.06	-30			
226	41.95	45.34	0.08	40			
228	41.83	45.41	0.07	35			
230	41.72	45.48	0.07	35			
<u>235</u>	<u>41.32</u>	<u>45.74</u>	0.26	52			
240	41.82	45.42	-0.32	-64			Highest measured Temp
245	42.19	45.18	-0.24	-48			
250	42.46	45.01	-0.17	-34			
255	42.57	44.94	-0.07	-14			
260	42.55	44.95	0.01	2			

K=Conductivity

Date Logged: \_\_\_\_\_

AT Well No. 38-9

Depth (meters)	Instr. Reading	Temp. °C	$\Delta T$	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
265	42.54	44.96	0.01	2			
			-0.07	-14			
270	42.65	44.89					
			-0.07	-14			
275	42.76	44.82					
			-0.12	-24			
280	42.95	44.70					
			-0.18	-36			
285	43.24	44.52					
			-0.16	-32			
290	43.50	44.36					
			-0.11	-22			
295	43.68	44.25					
			-0.05	-10			
300	43.76	44.20					
			-0.07	-14			
305	43.86	44.13					
			-0.03	-6			
310	43.92	44.10					
			0.00	0			
315	43.91	44.10					
			-0.01	-2			
320	43.93	44.09					
			-0.07	-14			
325	44.05	44.02					
			-0.01	-2			
330	44.06	44.01					
			0.11	22			
335	43.89	44.12					
			0.02	4			
340	43.85	44.14					
			-0.02	-4			
345	43.89	44.12					
			-0.03	-6			
350	43.94	44.09					
			-0.04	-8			
355	43.99	44.05					
			-0.04	-8			
360	44.07	44.01					
			-0.07	-14			
365	44.17	43.94					
			-0.04	-8			
370	44.25	43.90					
			-0.02	-4			
375	44.28	43.88					
			0.01	2			
380	44.26	43.89					
			0.01	2			
385	44.24	43.90					
			0.00	0			
390	44.25	43.90					
			-0.01	-2			
395	44.26	43.89					

K=Conductivity

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Date Logged: \_\_\_\_\_

 $\Delta T$  Well No. \_\_\_\_\_

Depth (meters)	Instr. Reading	Temp. °C	$\Delta T$	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
400	44.31	43.86	-0.03	-6			
			-0.02	-4			
405	44.34	43.84					
			-0.02	-4			
410	44.38	43.82					
			-0.02	-4			
415	44.40	43.80					
			-0.02	-4			
420	44.44	43.78					
			-0.02	-4			
425	44.47	43.76					
			-0.02	-4			
430	44.50	43.74					
			-0.02	-4			
435	44.53	43.72					
			-0.01	-2			
440	44.56	43.71					
			-0.03	-6			
445	44.60	43.68					
			0.00	0			
450	44.61	43.68					
			-0.01	-2			
455	44.63	43.67					
			0.01	2			
460	44.61	43.68					
			-0.03	-6			
465	44.66	43.65					
			0.00	0			
470	44.65	43.65					
			0.00	0			
475	44.66	43.65					
			-0.01	-2			
480	44.68	43.64					
			0.00	0			
485	44.68	43.64					
			0.00	0			
490	44.68	43.64					
			0.00	0			
495	44.68	43.64					
			0.00	0			
500	44.68	43.64					
			0.00	0			
505	44.68	43.64					
			0.00	0			
510	44.68	43.64					
			0.00	0			
515	44.67	43.64					
			0.01	2			
520	44.66	43.65					
			0.00	0			
525	44.65	43.65					
			0.00	0			
530	44.65	43.65					

K=Conductivity

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