

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1005 State Office Building
Portland, Oregon 97201

OPEN-FILE REPORT O-81-3B

GEOTHERMAL GRADIENT DATA (1979)

by

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Gerald L. Black, and

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Data are arranged by township from north to south

Funds for data compilation and collection were
provided by U.S. Department of Energy Contract
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1981

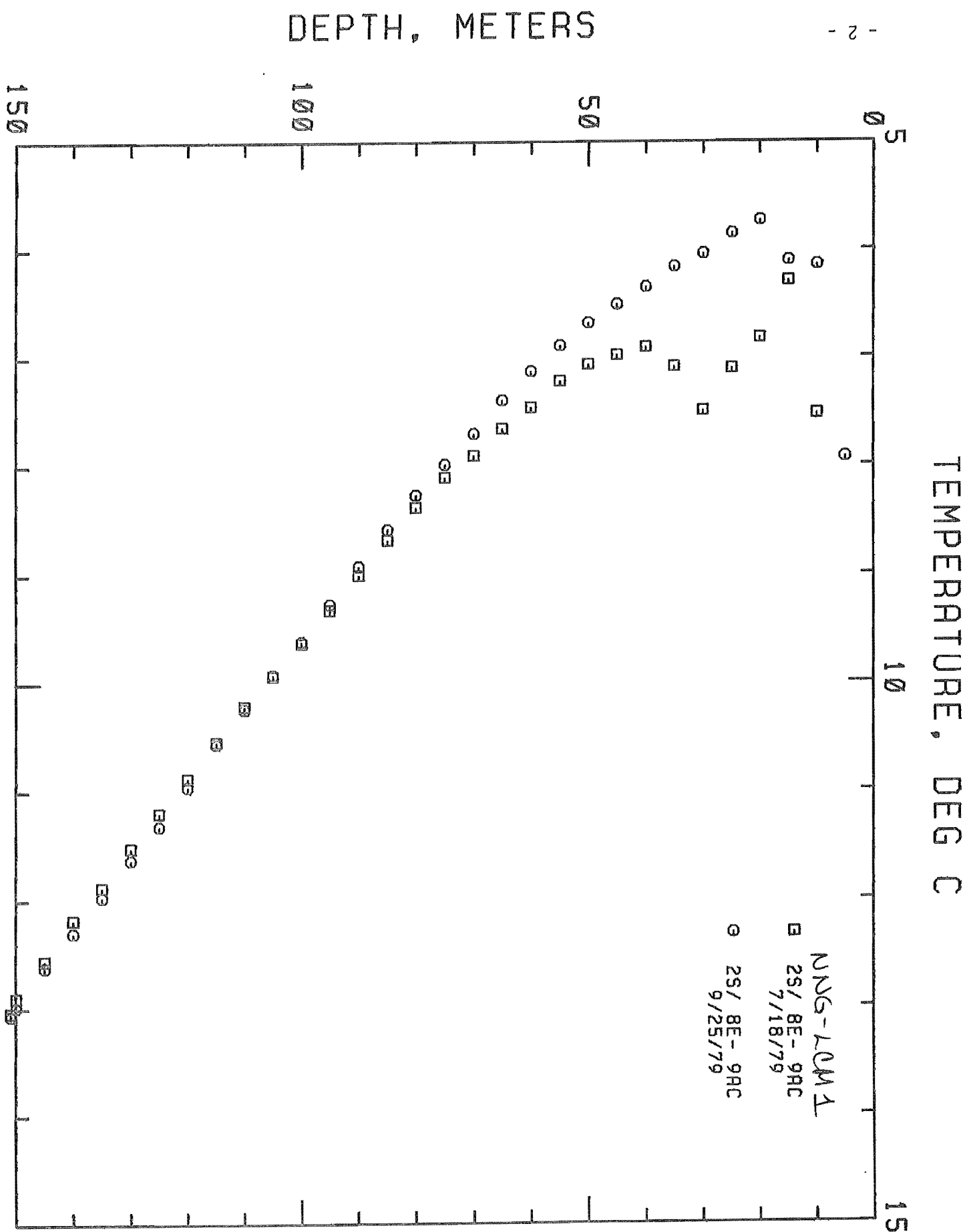
LOCATION: VANCOUVER AMS, OREGON

2S/ 8E- 9AC

HOLE NAME: NNG-LCM1

DATE MEASURED: 9/25/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	7.930	46.27	0.0	0.0
10.0	32.8	6.140	43.05	-358.0	-19.6
15.0	49.2	6.100	42.98	-8.0	-0.4
20.0	65.6	5.730	42.31	-74.0	-4.1
25.0	82.0	5.850	42.53	24.0	1.3
30.0	98.4	6.040	42.87	38.0	2.1
35.0	114.8	6.160	43.09	24.0	1.3
40.0	131.2	6.350	43.43	38.0	2.1
45.0	147.6	6.510	43.72	32.0	1.8
50.0	164.0	6.680	44.02	34.0	1.9
55.0	180.4	6.890	44.40	42.0	2.3
60.0	196.8	7.130	44.83	48.0	2.6
65.0	213.2	7.400	45.32	54.0	3.0
70.0	229.6	7.710	45.88	62.0	3.4
75.0	246.0	7.990	46.38	56.0	3.1
80.0	262.4	8.270	46.89	56.0	3.1
85.0	278.8	8.580	47.44	62.0	3.4
90.0	295.2	8.920	48.06	68.0	3.7
95.0	311.6	9.270	48.69	70.0	3.8
100.0	328.0	9.610	49.30	68.0	3.7
105.0	344.4	9.920	49.86	62.0	3.4
110.0	360.8	10.240	50.43	64.0	3.5
115.0	377.2	10.560	51.01	64.0	3.5
120.0	393.6	10.960	51.73	80.0	4.4
125.0	410.0	11.320	52.38	72.0	4.0
130.0	426.4	11.630	52.93	62.0	3.4
135.0	442.8	11.970	53.55	68.0	3.7
140.0	459.2	12.300	54.14	66.0	3.6
145.0	475.6	12.620	54.72	64.0	3.5
150.0	492.0	12.990	55.38	74.0	4.1
151.0	495.3	13.070	55.53	80.0	4.4



LOCATION: THE DALLES AMS, OREGON

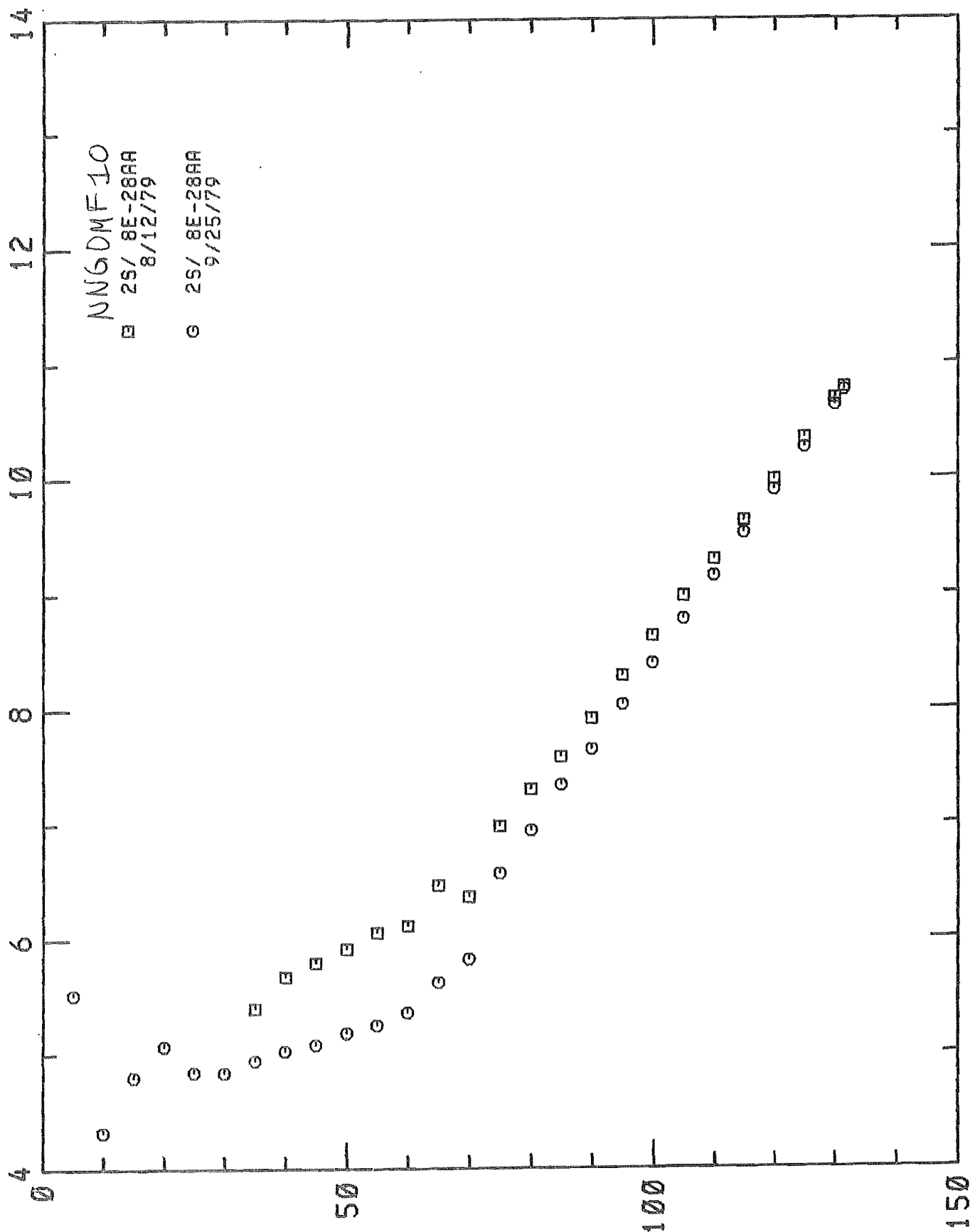
25/ BE-28AA

HOLE NAME: NNGOMF10

DATE MEASURED: 9/25/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	5.520	41.94	0.0	0.0
10.0	32.8	4.320	39.78	-240.0	-13.2
15.0	49.2	4.800	40.64	96.0	5.3
20.0	65.6	5.070	41.13	54.0	3.0
25.0	82.0	4.840	40.71	-46.0	-2.5
30.0	98.4	4.840	40.71	0.0	0.0
35.0	114.8	4.940	40.89	20.0	1.1
40.0	131.2	5.030	41.05	18.0	1.0
45.0	147.6	5.080	41.14	10.0	0.5
50.0	164.0	5.180	41.32	20.0	1.1
55.0	180.4	5.250	41.45	14.0	0.8
60.0	196.8	5.360	41.65	22.0	1.2
65.0	213.2	5.620	42.12	52.0	2.9
70.0	229.6	5.830	42.49	42.0	2.3
75.0	246.0	6.570	43.83	148.0	8.1
80.0	262.4	6.940	44.49	74.0	4.1
85.0	278.8	7.340	45.21	80.0	4.4
90.0	295.2	7.650	45.77	62.0	3.4
95.0	311.6	8.040	46.47	78.0	4.3
100.0	328.0	8.400	47.12	72.0	4.0
105.0	344.4	8.780	47.80	76.0	4.2
110.0	360.8	9.150	48.47	74.0	4.1
115.0	377.2	9.520	49.14	74.0	4.1
120.0	393.6	9.890	49.80	74.0	4.1
125.0	410.0	10.260	50.47	74.0	4.1
130.0	426.4	10.630	51.13	74.0	4.1
131.5	431.3	10.760	51.37	86.7	4.8

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: VANCOUVER AMS, OREGON

3S/ BE-14BC

HOLE NAME: NNG-KC1

DATE MEASURED: 9/25/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	9.520	49.14	0.0	0.0
10.0	32.8	7.780	46.00	-348.0	-19.1
15.0	49.2	7.470	45.45	-62.0	-3.4
20.0	65.6	7.180	44.92	-58.0	-3.2
25.0	82.0	7.080	44.74	-20.0	-1.1
30.0	98.4	7.040	44.67	-8.0	-0.4
35.0	114.8	7.020	44.64	-4.0	-0.2
40.0	131.2	7.040	44.67	4.0	0.2
45.0	147.6	7.070	44.73	6.0	0.3
50.0	164.0	7.090	44.76	4.0	0.2
55.0	180.4	7.120	44.82	6.0	0.3
60.0	196.8	7.140	44.85	4.0	0.2
65.0	213.2	7.200	44.96	12.0	0.7
70.0	229.6	7.250	45.05	10.0	0.5
75.0	246.0	7.330	45.19	16.0	0.9
80.0	262.4	7.400	45.32	14.0	0.8
85.0	278.8	7.510	45.52	22.0	1.2
90.0	295.2	7.610	45.70	20.0	1.1
95.0	311.6	7.690	45.84	16.0	0.9
100.0	328.0	7.810	46.06	24.0	1.3
105.0	344.4	7.930	46.27	24.0	1.3
110.0	360.8	8.040	46.47	22.0	1.2
115.0	377.2	8.170	46.71	26.0	1.4
120.0	393.6	8.270	46.89	20.0	1.1
125.0	410.0	8.390	47.10	24.0	1.3
130.0	426.4	8.520	47.34	26.0	1.4
135.0	442.8	8.630	47.53	22.0	1.2
140.0	459.2	8.760	47.77	26.0	1.4
145.0	475.6	8.930	48.07	34.0	1.9
150.0	492.0	9.100	48.38	34.0	1.9
155.0	508.4	9.210	48.58	22.0	1.2
160.0	524.8	9.250	48.67	10.0	0.5
165.0	541.2	9.320	48.78	12.0	0.7
170.0	557.6	9.400	48.92	16.0	0.9
175.0	574.0	9.460	49.03	12.0	0.7
180.0	590.4	9.550	49.19	18.0	1.0
185.0	606.8	9.650	49.37	20.0	1.1
190.0	623.2	9.730	49.51	16.0	0.9
195.0	639.6	9.830	49.69	20.0	1.1
200.0	656.0	9.930	49.87	20.0	1.1
205.0	672.4	10.020	50.04	18.0	1.0

LOCATION: VANCOUVER AMS, OREGON

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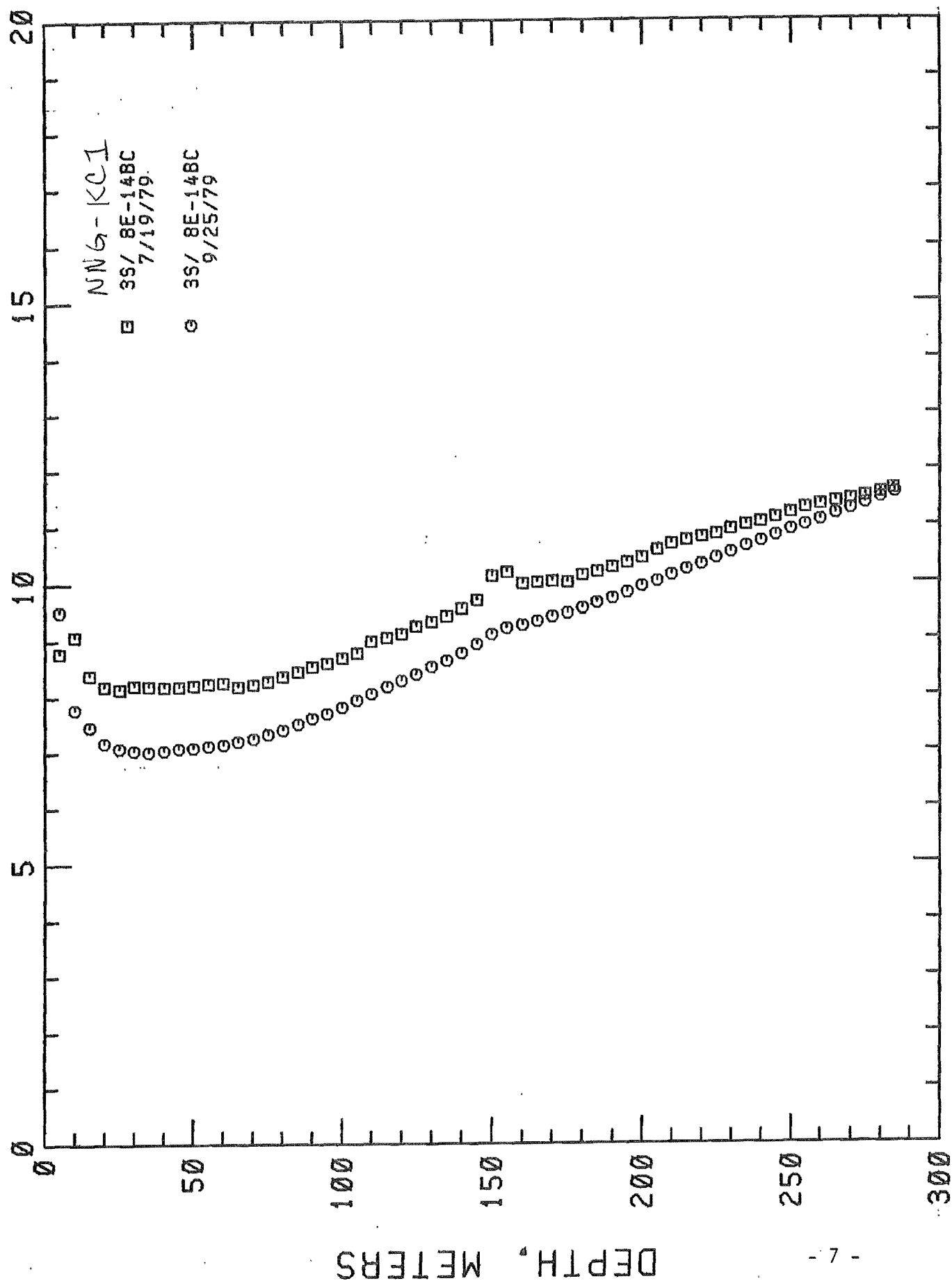
35/ SE-14BC

HOLE NAME: NNG-KC1

DATE MEASURED: 9/25/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
210.0	688.8	10.130	50.23	22.0	1.2
215.0	705.2	10.230	50.41	20.0	1.1
220.0	721.6	10.320	50.58	18.0	1.0
225.0	738.0	10.420	50.76	20.0	1.1
230.0	754.4	10.520	50.94	20.0	1.1
235.0	770.8	10.630	51.13	22.0	1.2
240.0	787.2	10.720	51.30	18.0	1.0
245.0	803.6	10.820	51.48	20.0	1.1
250.0	820.0	10.920	51.66	20.0	1.1
255.0	836.4	11.010	51.82	18.0	1.0
260.0	852.8	11.100	51.98	18.0	1.0
265.0	869.2	11.200	52.16	20.0	1.1
270.0	885.6	11.290	52.32	18.0	1.0
275.0	902.0	11.380	52.48	18.0	1.0
280.0	918.4	11.490	52.68	22.0	1.2
285.0	934.8	11.580	52.84	18.0	1.0

TEMPERATURE, DEG C



LOCATION: THE DALLES AMS, OREGON

3S/8 1/4 E-25CA

HOLE NAME: NNG-TRLK

DATE MEASURED: 10/23/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	7.960	46.33	0.0	0.0
10.0	32.8	8.150	46.67	38.0	2.1
15.0	49.2	8.150	46.67	0.0	0.0
20.0	65.6	8.170	46.71	4.0	0.2
25.0	82.0	8.250	46.85	16.0	0.9
30.0	98.4	8.380	47.08	26.0	1.4
35.0	114.8	8.440	47.19	12.0	0.7
40.0	131.2	8.490	47.28	10.0	0.6
45.0	147.6	8.560	47.41	14.0	0.8
50.0	164.0	8.590	47.46	6.0	0.3
55.0	180.4	8.650	47.57	12.0	0.7
60.0	196.8	8.610	47.50	-8.0	-0.4
65.0	213.2	8.820	47.88	42.0	2.3
70.0	229.6	9.150	48.47	66.0	3.6
75.0	246.0	9.530	49.15	76.0	4.2
80.0	262.4	9.690	49.44	32.0	1.8
85.0	278.8	9.850	49.73	32.0	1.8
90.0	295.2	9.910	49.84	12.0	0.7
95.0	311.6	9.860	49.75	-10.0	-0.6
100.0	328.0	10.010	50.02	30.0	1.7
105.0	344.4	10.250	50.45	48.0	2.7
110.0	360.8	10.330	50.59	16.0	0.9
115.0	377.2	10.660	51.19	66.0	3.6
120.0	393.6	11.110	52.00	90.0	5.0
125.0	410.0	11.540	52.77	86.0	4.8
130.0	426.4	12.470	54.45	186.0	10.3
135.0	442.8	12.350	54.23	-24.0	-1.3
140.0	459.2	12.370	54.27	4.0	0.2
145.0	475.6	12.530	54.55	32.0	1.8
150.0	492.0	12.870	55.17	68.0	3.8
155.0	508.4	12.930	55.27	12.0	0.7
160.0	524.8	13.070	55.53	28.0	1.5
165.0	541.2	13.230	55.81	32.0	1.8
170.0	557.6	13.300	55.94	14.0	0.8
175.0	574.0	13.420	56.16	24.0	1.3
180.0	590.4	13.680	56.62	52.0	2.9
185.0	606.8	13.990	57.18	62.0	3.4
190.0	623.2	14.300	57.74	62.0	3.4
195.0	639.6	14.580	58.24	56.0	3.1
200.0	656.0	14.860	58.78	60.0	3.3
205.0	672.4	15.180	59.32	60.0	3.3

LOCATION: THE DALLES AMS, OREGON

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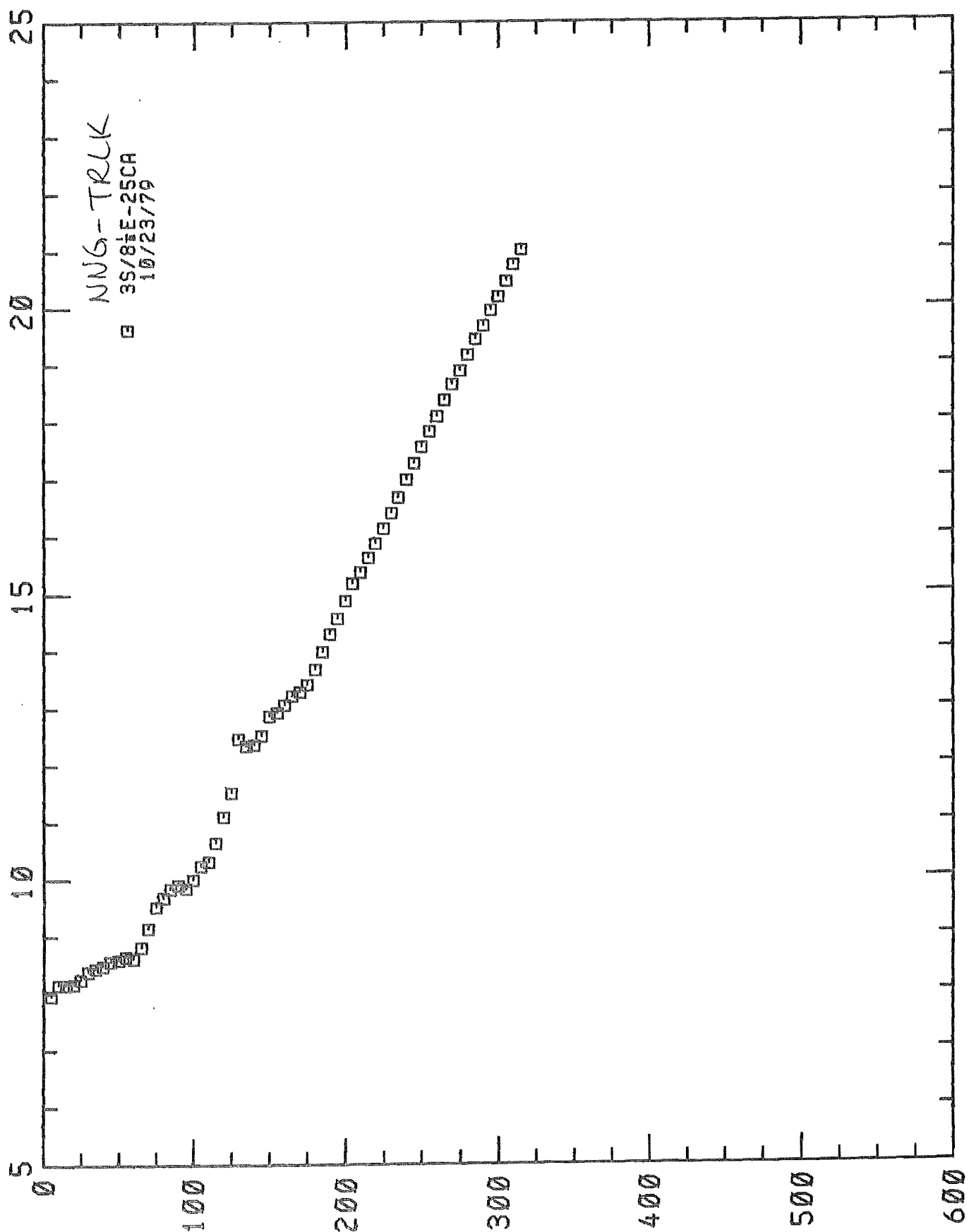
3S/84E-25CA

HOLE NAME: NNG-TRK

DATE MEASURED: 10/23/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
210.0	688.8	15.380	59.68	40.0	2.2
215.0	705.2	15.630	60.13	50.0	2.7
220.0	721.6	15.880	60.58	50.0	2.7
225.0	738.0	16.140	61.05	52.0	2.9
230.0	754.4	16.410	61.54	54.0	3.0
235.0	770.8	16.680	62.02	54.0	3.0
240.0	787.2	16.990	62.58	52.0	2.9
245.0	803.6	17.270	63.09	56.0	3.1
250.0	820.0	17.560	63.61	58.0	3.2
255.0	836.4	17.820	64.08	52.0	2.9
260.0	852.8	18.090	64.56	54.0	3.0
265.0	869.2	18.370	65.07	56.0	3.1
270.0	885.6	18.650	65.57	56.0	3.1
275.0	902.0	18.880	65.98	46.0	2.5
280.0	918.4	19.160	66.49	56.0	3.1
285.0	934.8	19.430	66.97	54.0	3.0
290.0	951.2	19.680	67.42	50.0	2.7
295.0	967.6	19.950	67.91	54.0	3.0
300.0	984.0	20.190	68.34	48.0	2.6
305.0	1000.4	20.460	68.83	54.0	3.0
310.0	1016.8	20.750	69.35	58.0	3.2
315.0	1033.2	21.010	69.82	52.0	2.9

TEMPERATURE, DEG C



DEPTH, METERS

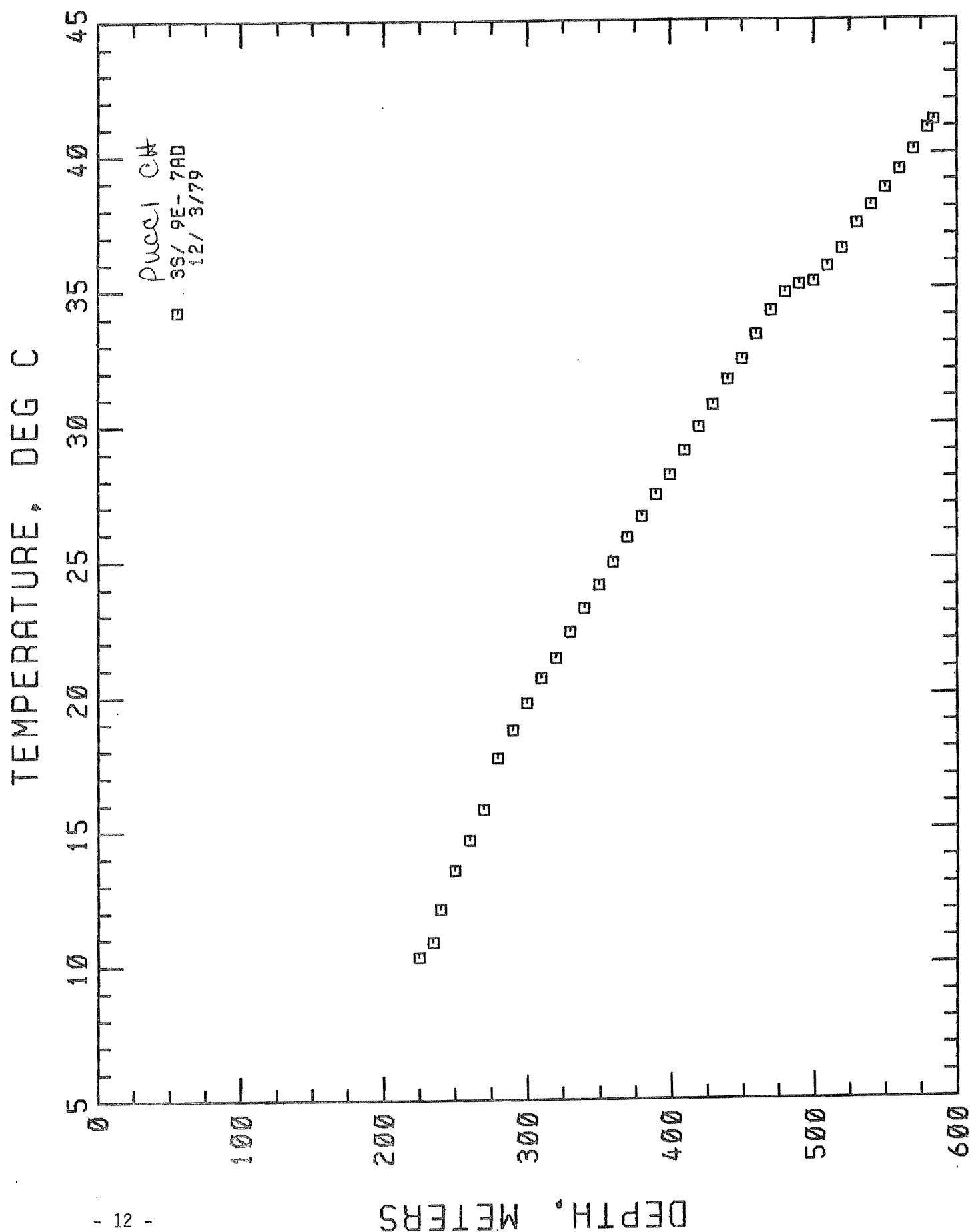
LOCATION: THE DALLES AMS, OREGON

3S/ 9E- 7AD

HOLE NAME: PUCCI CH

DATE MEASURED: 12/ 3/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
225.0	738.0	10.320	50.58	0.0	0.0
235.0	770.8	10.880	51.58	56.0	3.1
240.0	787.2	12.110	53.80	246.0	13.5
250.0	820.0	13.540	56.37	143.0	7.8
260.0	852.8	14.660	58.39	112.0	6.1
270.0	885.6	15.820	60.48	116.0	6.4
280.0	918.4	17.700	63.86	188.0	10.3
290.0	951.2	18.730	65.71	103.0	5.7
300.0	984.0	19.740	67.53	101.0	5.5
310.0	1016.8	20.650	69.17	91.0	5.0
320.0	1049.6	21.400	70.52	75.0	4.1
330.0	1082.4	22.370	72.27	97.0	5.3
340.0	1115.2	23.240	73.83	87.0	4.8
350.0	1148.0	24.090	75.36	85.0	4.7
360.0	1180.8	24.940	76.89	85.0	4.7
370.0	1213.6	25.820	78.48	88.0	4.8
380.0	1246.4	26.610	79.90	79.0	4.3
390.0	1279.2	27.400	81.32	79.0	4.3
400.0	1312.0	28.140	82.65	74.0	4.1
410.0	1344.8	29.040	84.27	90.0	4.9
420.0	1377.6	29.910	85.84	87.0	4.8
430.0	1410.4	30.740	87.33	83.0	4.6
440.0	1443.2	31.660	88.99	92.0	5.0
450.0	1476.0	32.410	90.34	75.0	4.1
460.0	1508.8	33.320	91.98	91.0	5.0
470.0	1541.6	34.180	93.52	86.0	4.7
480.0	1574.4	34.860	94.75	68.0	3.7
490.0	1607.2	35.180	95.32	32.0	1.8
500.0	1640.0	35.270	95.49	9.0	0.5
510.0	1672.8	35.840	96.51	57.0	3.1
520.0	1705.6	36.470	97.65	63.0	3.5
530.0	1738.4	37.410	99.34	94.0	5.2
540.0	1771.2	38.080	100.54	67.0	3.7
550.0	1804.0	38.710	101.68	63.0	3.5
560.0	1836.8	39.410	102.94	70.0	3.8
570.0	1869.6	40.130	104.23	72.0	4.0
580.0	1902.4	40.940	105.69	81.0	4.4
584.0	1915.5	41.230	106.21	72.5	4.0



LOCATION: THE DALLES AMS, OREGON
3S/ 9E-30AB

HOLE NAME: HWY26-35

DATE MEASURED: 10/22/79

DEPTH METERS	DEPTH FEET	TEMPERATURE DEG C	TEMPERATURE DEG F	GEO THERMAL GRADIENT DEG C/KM	GEO THERMAL GRADIENT DEG F/100 FT
25.0	82.0	4.060	39.31	0.0	0.0
30.0	98.4	3.960	39.13	-20.0	-1.1
35.0	114.8	4.160	39.49	40.0	2.2
40.0	131.2	3.990	39.18	-34.0	-1.9
45.0	147.6	4.080	39.34	18.0	1.0
50.0	164.0	4.250	39.65	34.0	1.9
55.0	180.4	4.620	40.32	74.0	4.1
60.0	196.8	4.780	40.60	32.0	1.8
65.0	213.2	5.460	41.83	136.0	7.5
70.0	229.6	6.310	43.36	170.0	9.3
75.0	246.0	6.580	43.84	54.0	3.0
80.0	262.4	6.830	44.29	50.0	2.7
85.0	278.8	7.040	44.67	42.0	2.3
90.0	295.2	7.260	45.07	44.0	2.4
95.0	311.6	7.460	45.43	40.0	2.2
100.0	328.0	7.710	45.88	50.0	2.7
105.0	344.4	7.940	46.29	46.0	2.5
110.0	360.8	8.050	46.49	22.0	1.2
115.0	377.2	8.320	46.98	54.0	3.0
120.0	393.6	8.520	47.34	40.0	2.2
125.0	410.0	8.780	47.80	52.0	2.8
130.0	426.4	8.990	48.18	42.0	2.3
135.0	442.8	9.150	48.47	32.0	1.8
140.0	459.2	9.440	48.99	58.0	3.2
145.0	475.6	9.620	49.32	36.0	2.0
150.0	492.0	9.840	49.71	44.0	2.4
155.0	508.4	10.030	50.05	38.0	2.1
160.0	524.8	10.170	50.31	28.0	1.5
165.0	541.2	10.340	50.61	34.0	1.9
170.0	557.6	10.500	50.90	32.0	1.8
175.0	574.0	10.660	51.22	36.0	2.0
180.0	590.4	10.920	51.66	48.0	2.6
185.0	606.8	11.180	52.12	52.0	2.8
190.0	623.2	11.410	52.54	46.0	2.5
195.0	639.6	11.670	53.01	52.0	2.8
200.0	656.0	11.930	53.47	52.0	2.8
205.0	672.4	12.060	53.71	26.0	1.4
210.0	688.8	12.270	54.09	42.0	2.3
215.0	705.2	12.500	54.50	46.0	2.5
220.0	721.6	12.710	54.88	42.0	2.3
225.0	738.0	12.950	55.31	48.0	2.6

LOCATION: THE DALLES A1S, OREGON

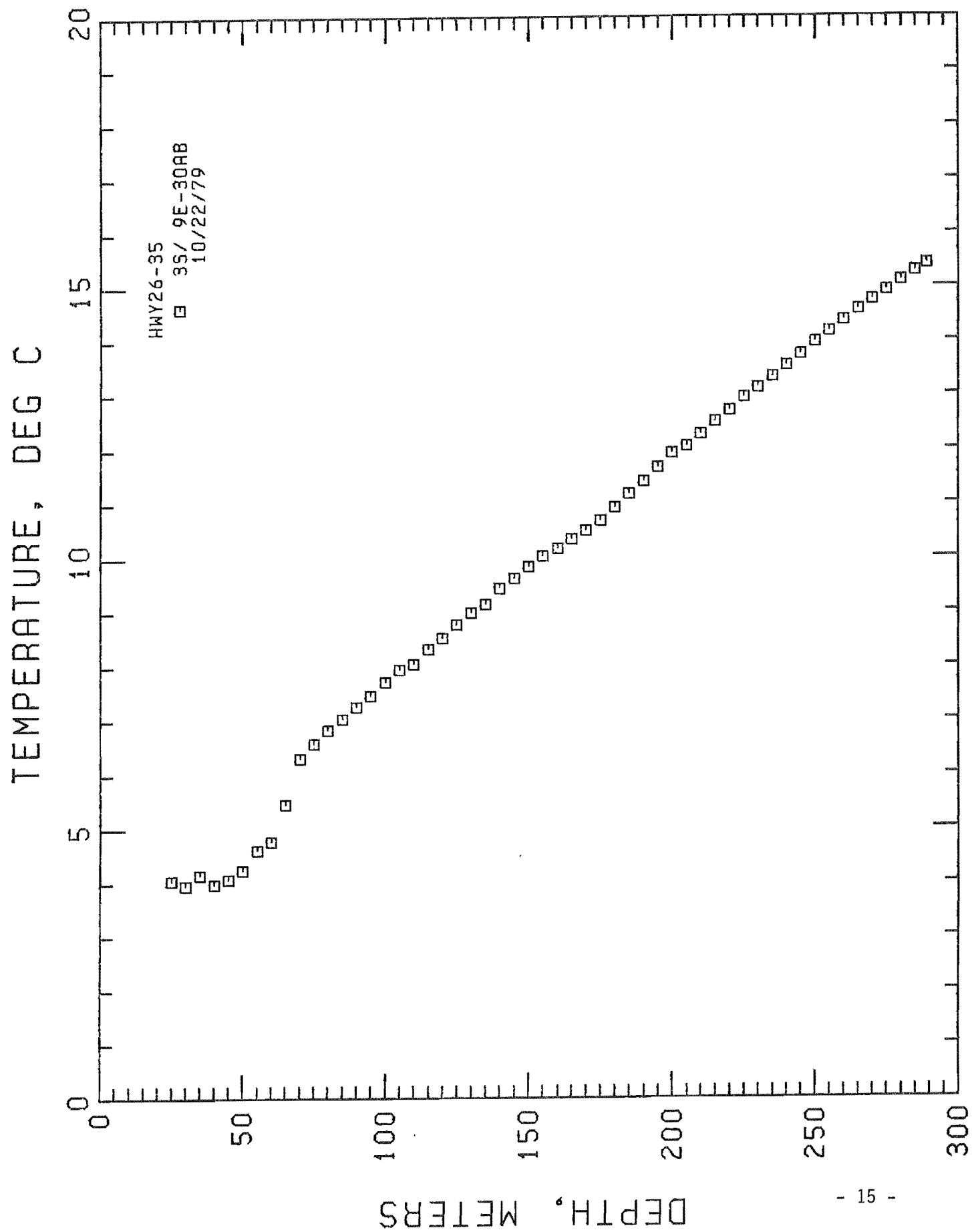
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3S/ 9E-30AB

HOLE NAME: HWY26-35

DATE MEASURED: 10/22/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
230.0	754.4	13.120	55.62	34.0	1.9
235.0	770.8	13.330	55.99	42.0	2.3
240.0	787.2	13.530	56.35	40.0	2.2
245.0	803.6	13.740	56.73	42.0	2.3
250.0	820.0	13.960	57.13	44.0	2.4
255.0	836.4	14.160	57.49	40.0	2.2
260.0	852.8	14.370	57.87	42.0	2.3
265.0	869.2	14.570	58.23	40.0	2.2
270.0	885.6	14.750	58.55	36.0	2.0
275.0	902.0	14.930	58.87	36.0	2.0
280.0	918.4	15.110	59.20	36.0	2.0
285.0	934.8	15.280	59.50	34.0	1.9
289.0	947.9	15.420	59.76	35.0	1.9



LOCATION: PENDLETON AMS, OREGON

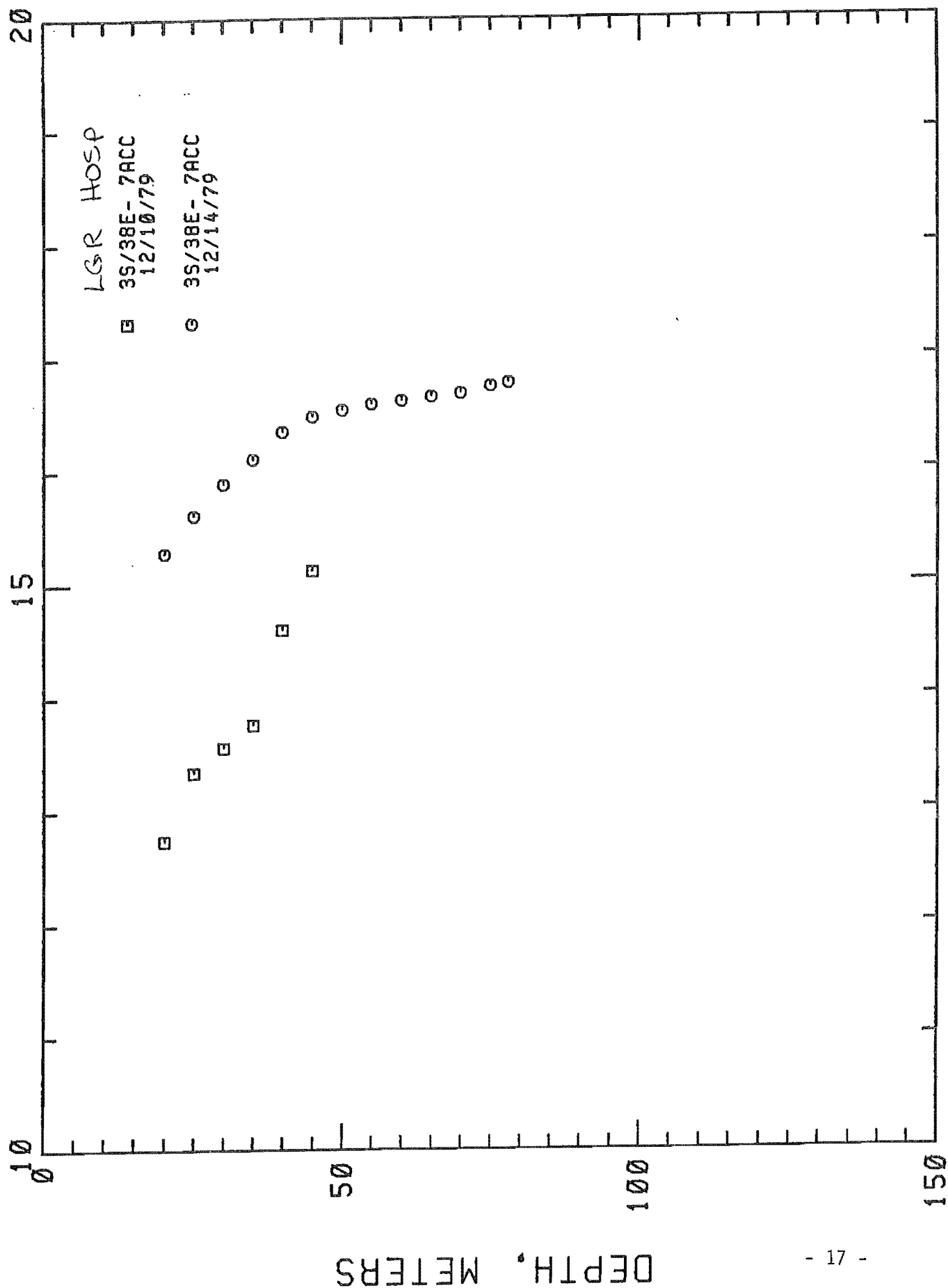
35/38E- 7ACC

HOLE NAME: LGR HOSP

DATE MEASURED: 12/14/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
20.0	65.6	15.280	59.50	0.0	0.0
25.0	82.0	15.610	60.10	66.0	3.6
30.0	98.4	15.890	60.60	56.0	3.1
35.0	114.8	16.110	61.00	44.0	2.4
40.0	131.2	16.350	61.43	48.0	2.6
45.0	147.6	16.490	61.68	26.0	1.4
50.0	164.0	16.540	61.77	12.0	0.7
55.0	180.4	16.590	61.86	10.0	0.5
60.0	196.8	16.620	61.92	6.0	0.3
65.0	213.2	16.650	61.97	6.0	0.3
70.0	229.6	16.680	62.02	6.0	0.3
75.0	246.0	16.740	62.13	12.0	0.7
78.0	255.8	16.770	62.19	10.0	0.5

TEMPERATURE, DEG C



LOCATION: GRANGEVILLE AMS, OREGON

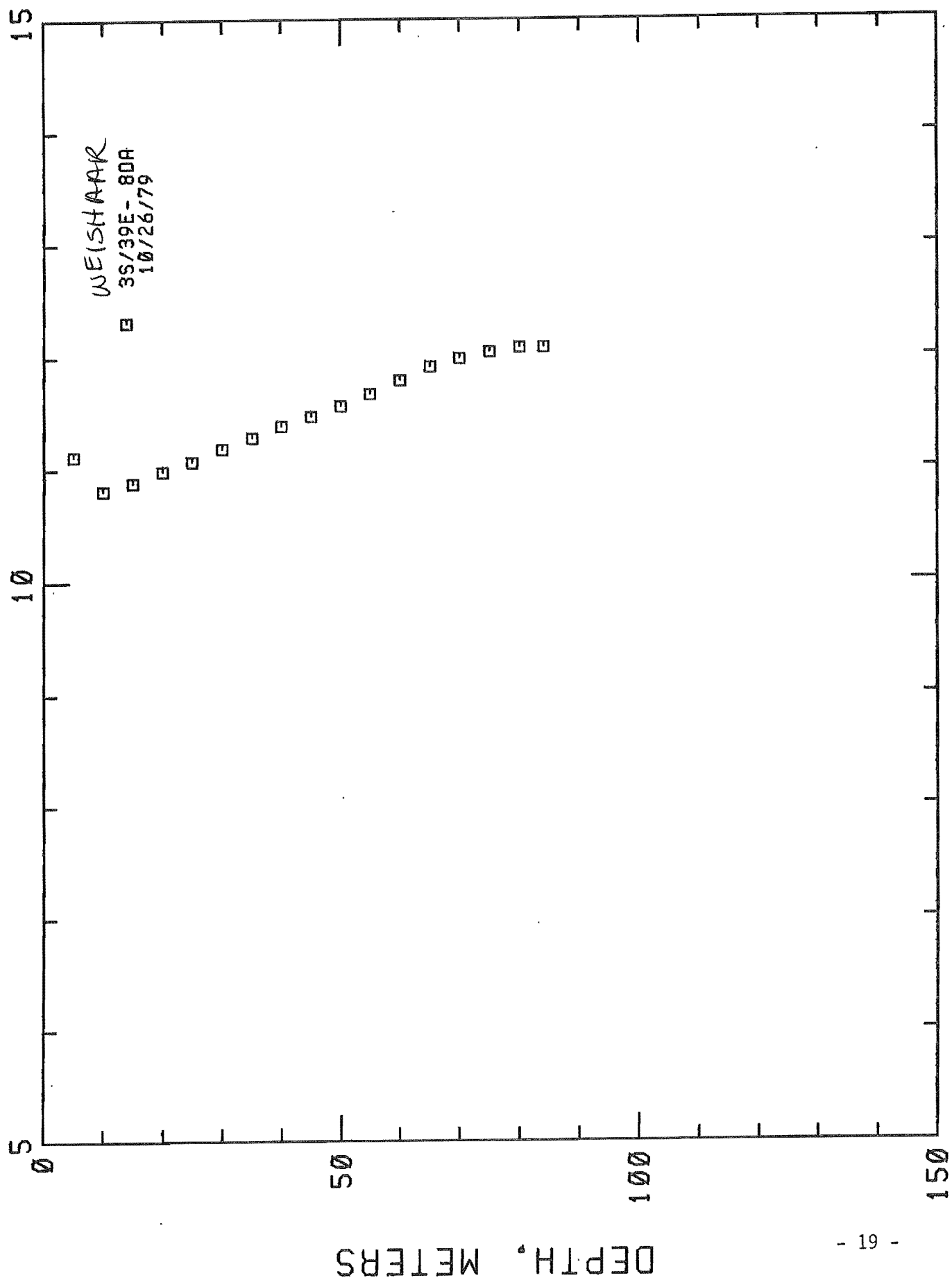
35/39E-8DA

HOLE NAME: WEISHAAR

DATE MEASURED: 10/26/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	11.120	52.02	0.0	0.0
10.0	32.8	10.810	51.46	-02.0	-3.4
15.0	49.2	10.880	51.58	14.0	0.8
20.0	65.6	10.980	51.76	20.0	1.1
25.0	82.0	11.070	51.93	18.0	1.0
30.0	98.4	11.180	52.12	22.0	1.2
35.0	114.8	11.280	52.30	20.0	1.1
40.0	131.2	11.380	52.48	20.0	1.1
45.0	147.6	11.470	52.65	18.0	1.0
50.0	164.0	11.550	52.81	18.0	1.0
55.0	180.4	11.670	53.01	22.0	1.2
60.0	196.8	11.790	53.22	24.0	1.3
65.0	213.2	11.910	53.44	24.0	1.3
70.0	229.6	11.980	53.56	14.0	0.8
75.0	246.0	12.040	53.67	12.0	0.7
80.0	262.4	12.080	53.74	8.0	0.4
84.0	275.5	12.080	53.74	0.0	0.0

TEMPERATURE, DEG C



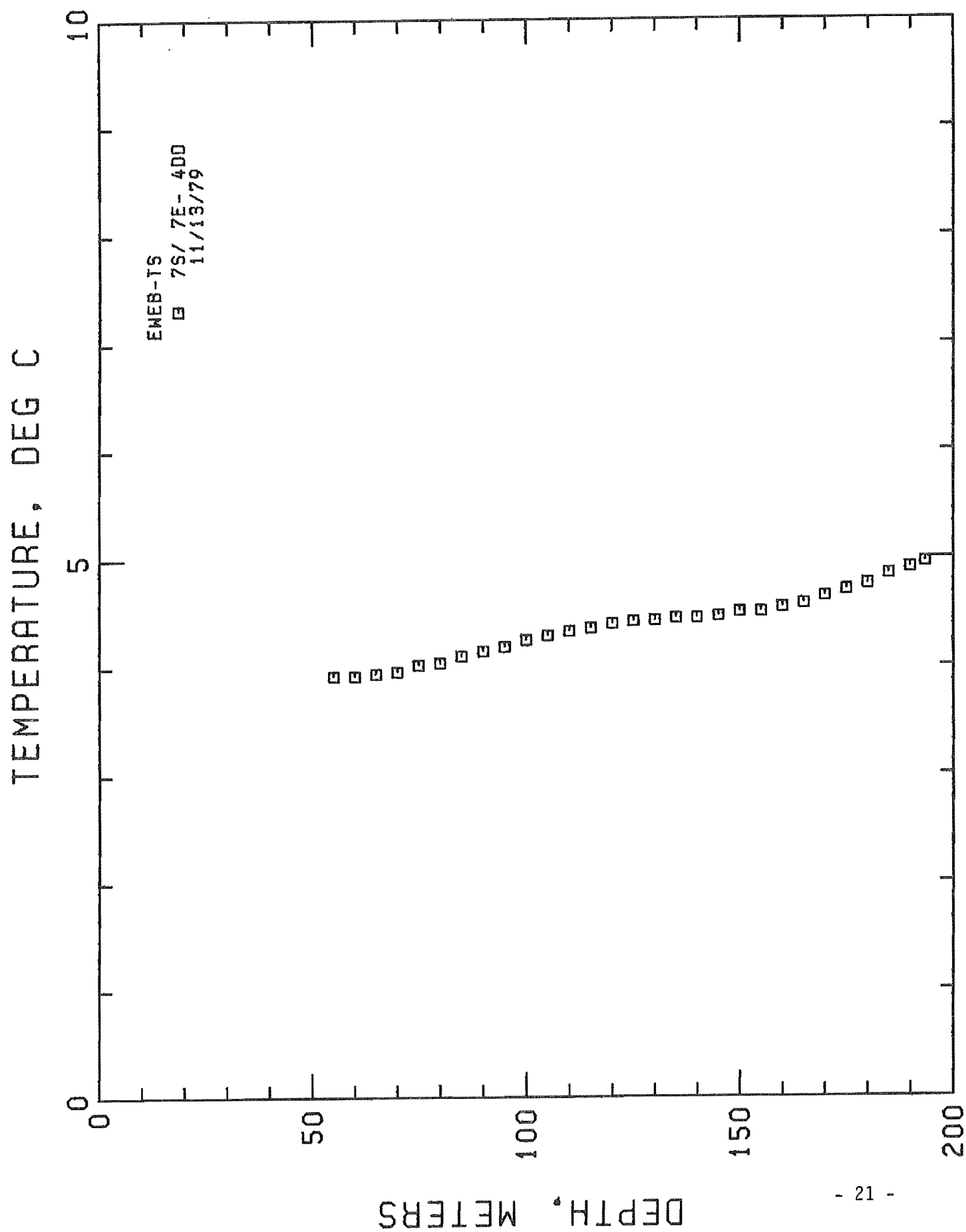
LOCATION: BEND AMS, OREGON

7S/ 7E- 4DD

HOLE NAME: ENEB-TS

DATE MEASURED: 11/13/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
55.0	180.4	3.920	39.06	0.0	0.0
60.0	196.8	3.920	39.06	0.0	0.0
65.0	213.2	3.940	39.09	4.0	0.2
70.0	229.6	3.960	39.13	4.0	0.2
75.0	246.0	4.020	39.24	12.0	0.7
80.0	262.4	4.040	39.27	4.0	0.2
85.0	278.8	4.100	39.38	12.0	0.7
90.0	295.2	4.150	39.47	10.0	0.5
95.0	311.6	4.190	39.54	8.0	0.4
100.0	328.0	4.250	39.65	12.0	0.7
105.0	344.4	4.290	39.72	8.0	0.4
110.0	360.8	4.330	39.79	8.0	0.4
115.0	377.2	4.360	39.85	6.0	0.3
120.0	393.6	4.400	39.92	8.0	0.4
125.0	410.0	4.420	39.96	4.0	0.2
130.0	426.4	4.430	39.97	2.0	0.1
135.0	442.8	4.450	40.01	4.0	0.2
140.0	459.2	4.450	40.01	0.0	0.0
145.0	475.6	4.470	40.05	4.0	0.2
150.0	492.0	4.510	40.12	8.0	0.4
155.0	508.4	4.510	40.12	0.0	0.0
160.0	524.8	4.550	40.19	8.0	0.4
165.0	541.2	4.580	40.24	6.0	0.3
170.0	557.6	4.650	40.37	14.0	0.8
175.0	574.0	4.710	40.48	12.0	0.7
180.0	590.4	4.760	40.57	10.0	0.5
185.0	606.8	4.850	40.73	18.0	1.0
190.0	623.2	4.910	40.84	12.0	0.7
193.5	634.7	4.960	40.93	14.3	0.8



LOCATION: BEND AMS, OREGON

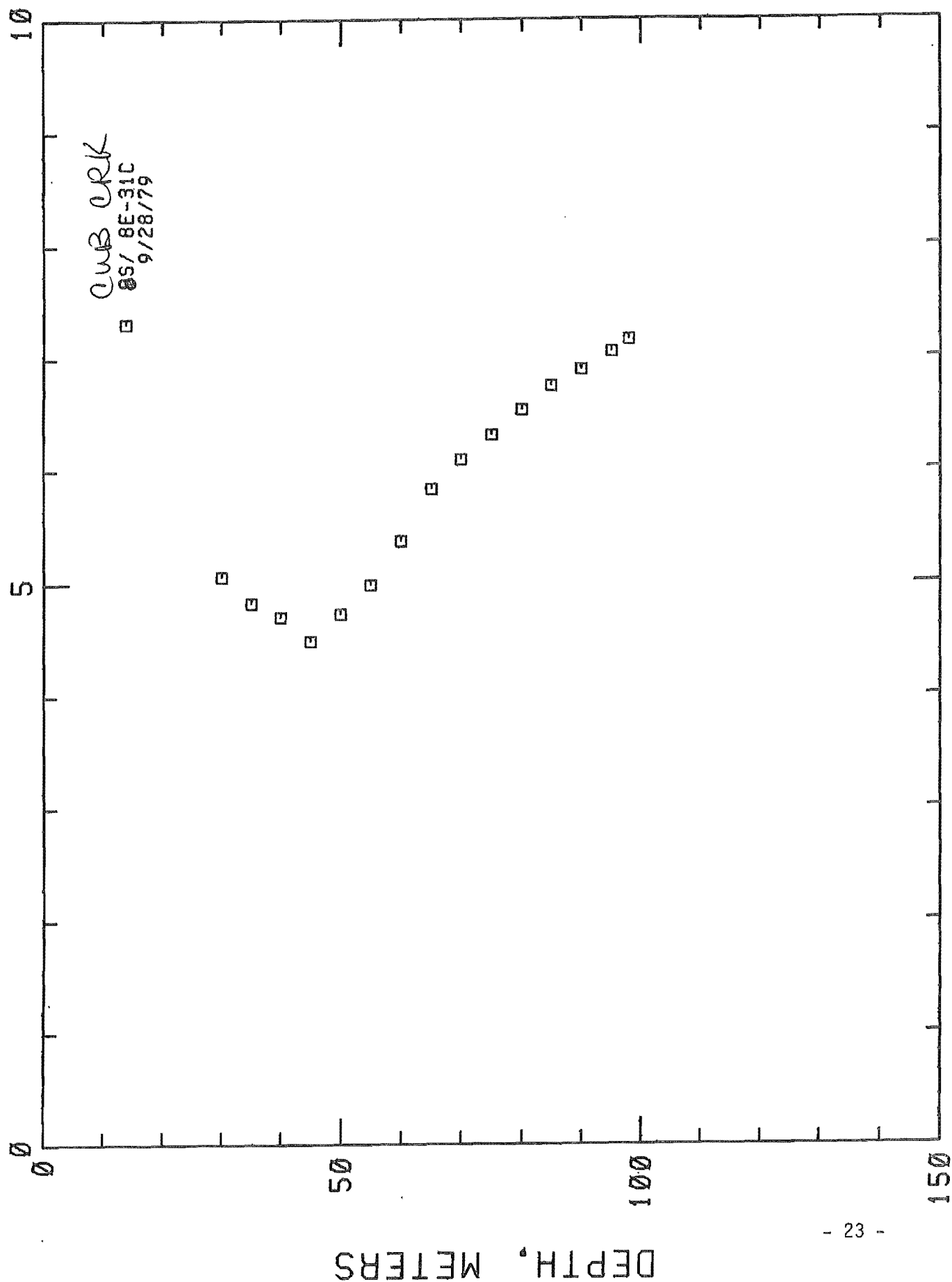
85/ SE-31C

HOLE NAME: CUB CRK

DATE MEASURED: 9/28/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
30.0	98.4	5.060	41.11	0.0	0.0
35.0	114.8	4.830	40.69	-46.0	-2.5
40.0	131.2	4.710	40.48	-24.0	-1.3
45.0	147.6	4.490	40.08	-44.0	-2.4
50.0	164.0	4.730	40.51	48.0	2.6
55.0	180.4	4.990	40.98	52.0	2.9
60.0	196.8	5.370	41.67	76.0	4.2
65.0	213.2	5.830	42.49	92.0	5.0
70.0	229.6	6.090	42.96	52.0	2.9
75.0	246.0	6.310	43.36	44.0	2.4
80.0	262.4	6.530	43.75	44.0	2.4
85.0	278.8	6.750	44.15	44.0	2.4
90.0	295.2	6.890	44.40	28.0	1.5
95.0	311.6	7.050	44.69	32.0	1.8
98.0	321.4	7.160	44.89	36.7	2.0

TEMPERATURE, DEG C



LOCATION: SALEM AMS, OREGON

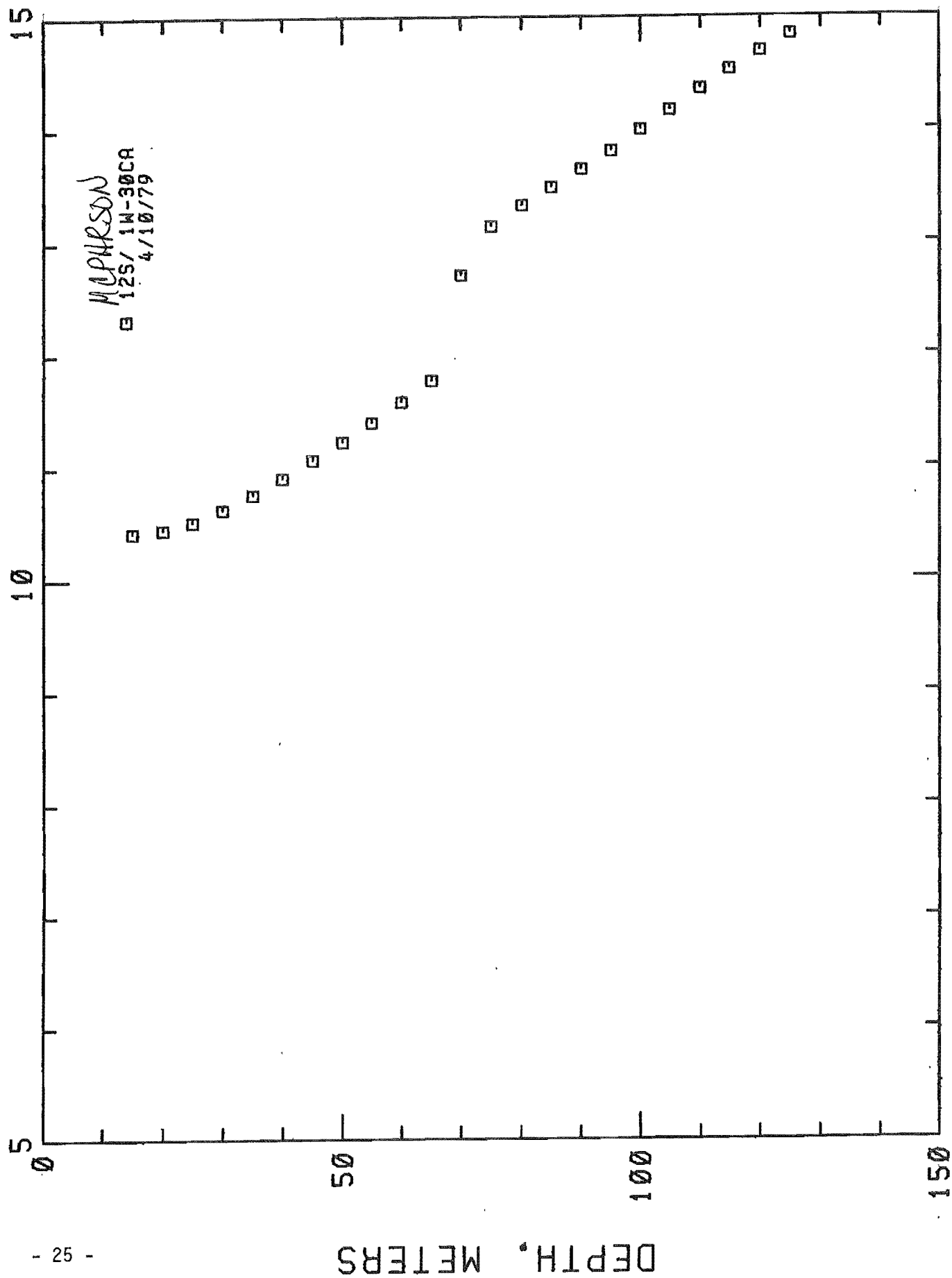
12S/ 1W-30CA

HOLE NAME: MCPHRSON

DATE MEASURED: 4/10/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
15.0	49.2	10.420	50.76	0.0	0.0
20.0	65.6	10.450	50.81	6.0	0.30
25.0	82.0	10.520	50.94	14.0	0.80
30.0	98.4	10.630	51.13	22.0	1.20
35.0	114.8	10.760	51.37	26.0	1.40
40.0	131.2	10.910	51.64	30.0	1.60
45.0	147.6	11.070	51.93	32.0	1.80
50.0	164.0	11.230	52.21	32.0	1.80
55.0	180.4	11.400	52.52	34.0	1.90
60.0	196.8	11.580	52.84	36.0	2.00
65.0	213.2	11.770	53.19	38.0	2.10
70.0	229.6	12.710	54.88	108.0	10.30
75.0	246.0	13.140	55.65	86.0	4.70
80.0	262.4	13.330	55.99	38.0	2.10
85.0	278.8	13.490	56.28	32.0	1.80
90.0	295.2	13.650	56.57	32.0	1.80
95.0	311.6	13.810	56.86	32.0	1.80
100.0	328.0	14.000	57.20	38.0	2.10
105.0	344.4	14.170	57.51	34.0	1.90
110.0	360.8	14.360	57.85	38.0	2.10
115.0	377.2	14.530	58.15	34.0	1.90
120.0	393.6	14.690	58.44	32.0	1.80
125.0	410.0	14.840	58.71	30.0	1.60

TEMPERATURE, DEG C



LOCATION: SALEM AMS, OREGON

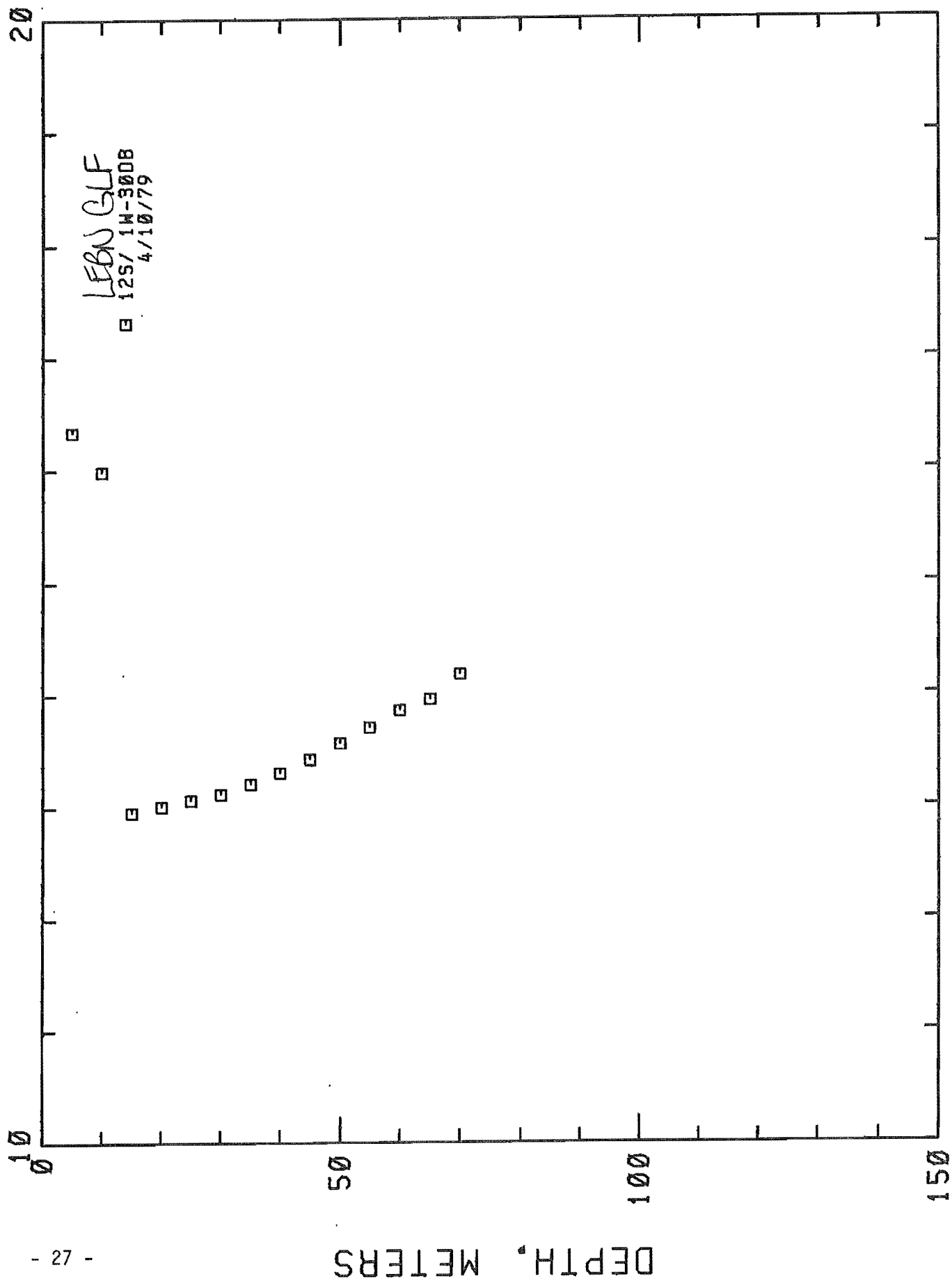
12S/ 1W-30DB

HOLE NAME: LEBN GLF

DATE MEASURED: 4/10/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	16.340	61.41	0.0	0.0
10.0	32.8	15.990	60.78	-70.0	-3.8
15.0	49.2	12.960	55.33	-606.0	-33.3
20.0	65.6	13.010	55.42	10.0	0.5
25.0	82.0	13.070	55.53	12.0	0.7
30.0	98.4	13.120	55.62	10.0	0.5
35.0	114.8	13.210	55.78	18.0	1.0
40.0	131.2	13.310	55.96	20.0	1.1
45.0	147.6	13.430	56.17	24.0	1.3
50.0	164.0	13.570	56.43	28.0	1.5
55.0	180.4	13.710	56.68	28.0	1.5
60.0	196.8	13.860	56.95	30.0	1.6
65.0	213.2	13.960	57.13	20.0	1.1
70.0	229.6	14.100	57.52	44.0	2.4

TEMPERATURE, DEG C



LOCATION: BEND AMS, OREGON

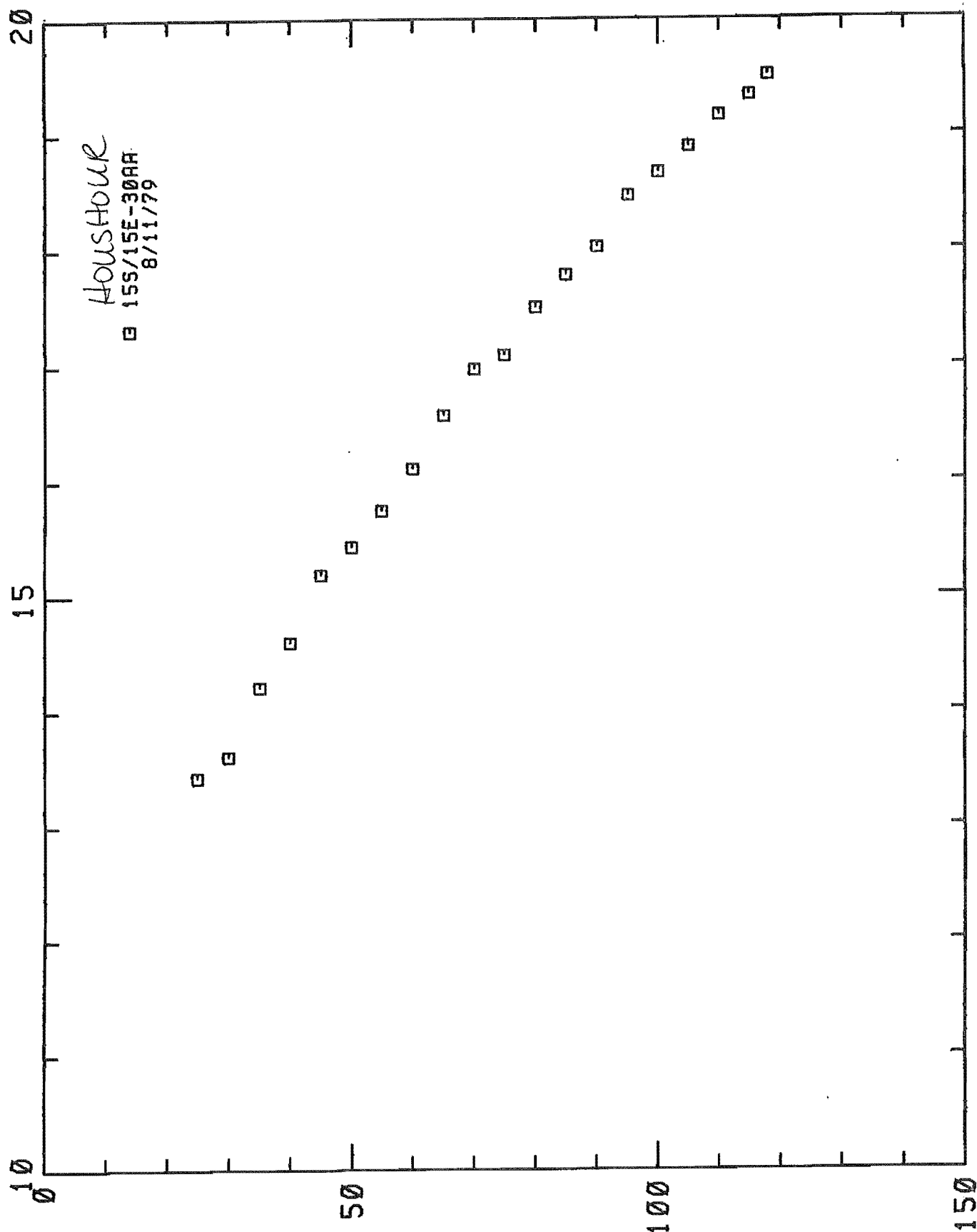
15S/15E-30AA

HOLE NAME: HOUSHOUR

DATE MEASURED: 8/11/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
25.0	82.0	13.430	56.17	0.0	0.0
30.0	98.4	13.610	56.50	36.0	2.0
35.0	114.8	14.210	57.58	120.0	6.6
40.0	131.2	14.600	58.28	78.0	4.3
45.0	147.6	15.190	59.34	118.0	6.5
50.0	164.0	15.430	59.77	48.0	2.6
55.0	180.4	15.740	60.33	62.0	3.4
60.0	196.8	16.110	61.00	74.0	4.1
65.0	213.2	16.570	61.83	92.0	5.0
70.0	229.6	16.970	62.55	80.0	4.4
75.0	246.0	17.090	62.76	24.0	1.3
80.0	262.4	17.500	63.50	82.0	4.5
85.0	278.8	17.780	64.00	56.0	3.1
90.0	295.2	18.020	64.44	48.0	2.6
95.0	311.6	18.470	65.25	90.0	4.9
100.0	328.0	18.670	65.61	40.0	2.2
105.0	344.4	18.890	66.00	44.0	2.4
110.0	360.8	19.160	66.49	54.0	3.0
115.0	377.2	19.340	66.81	36.0	2.0
118.0	387.0	19.510	67.12	56.7	3.1

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: BEND AMS, OREGON

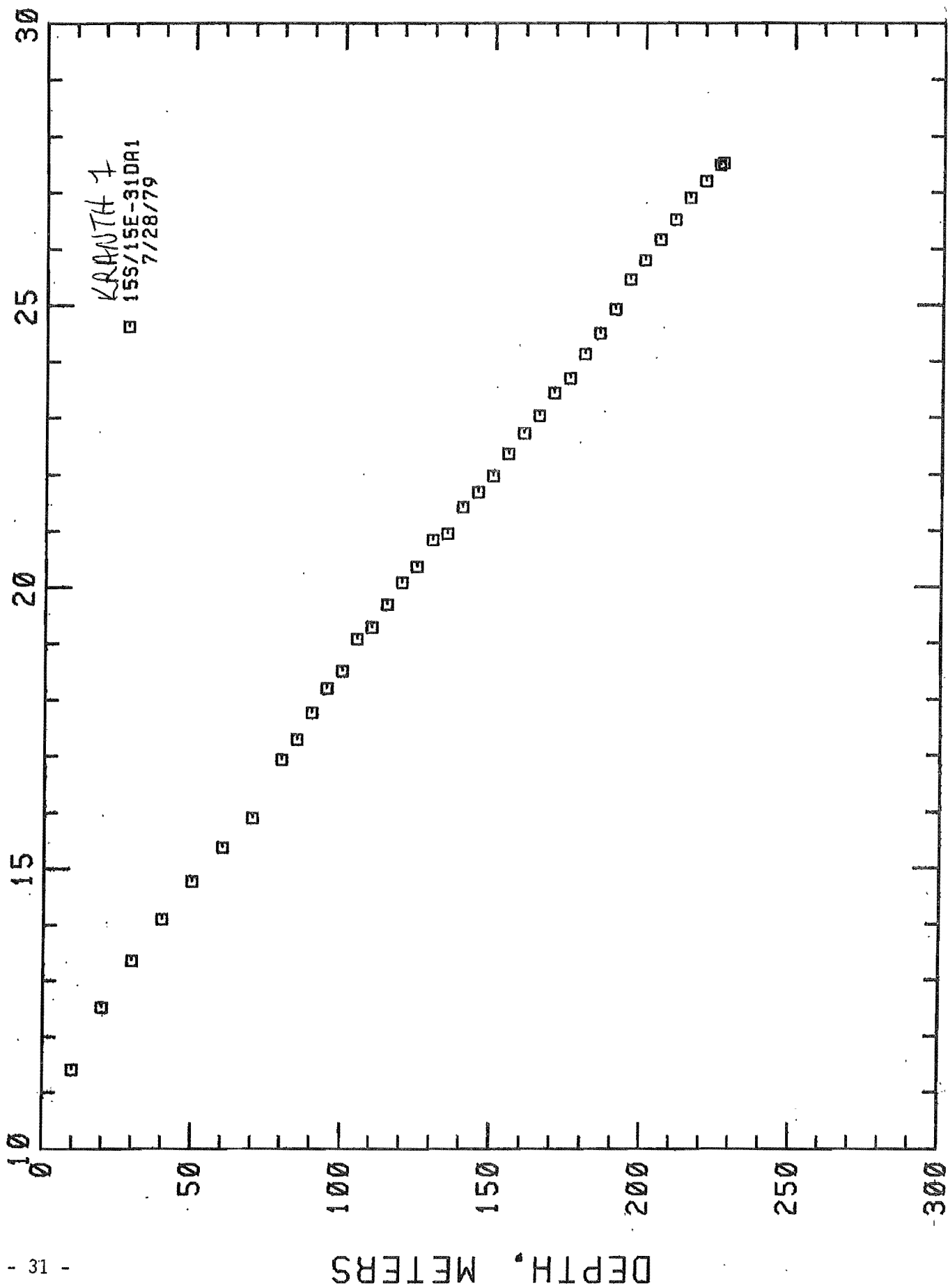
15S/15E-31DA1

HOLE NAME: KRANTH 1

DATE MEASURED: 7/28/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
10.0	32.8	11.420	52.56	0.0	0.0
20.0	65.6	12.530	54.55	111.0	6.1
30.0	98.4	13.360	56.05	89.0	4.6
40.0	131.2	14.100	57.38	74.0	4.1
50.0	164.0	14.780	58.60	69.0	3.7
60.0	196.8	15.380	59.68	60.0	3.3
70.0	229.6	15.910	60.64	53.0	2.9
80.0	262.4	16.940	62.49	103.0	5.7
85.0	278.0	17.290	63.12	70.0	3.8
90.0	295.2	17.770	63.99	96.0	5.3
95.0	311.6	18.200	64.76	86.0	4.7
100.0	328.0	18.510	65.32	62.0	3.4
105.0	344.4	19.090	66.36	116.0	6.4
110.0	360.8	19.290	66.72	40.0	2.2
115.0	377.2	19.690	67.44	80.0	4.4
120.0	393.6	20.080	68.14	78.0	4.3
125.0	410.0	20.360	68.65	56.0	3.1
130.0	426.4	20.850	69.53	98.0	5.4
135.0	442.8	20.960	69.73	22.0	1.1
140.0	459.2	21.430	70.57	94.0	5.2
145.0	475.6	21.690	71.04	52.0	2.9
150.0	492.0	21.980	71.56	58.0	3.2
155.0	508.4	22.360	72.25	76.0	4.2
160.0	524.8	22.730	72.91	74.0	4.1
165.0	541.2	23.040	73.47	62.0	3.4
170.0	557.6	23.440	74.19	80.0	4.4
175.0	574.0	23.780	74.66	52.0	2.9
180.0	590.4	24.140	75.45	88.0	4.8
185.0	606.8	24.500	76.10	72.0	4.0
190.0	623.2	24.940	76.89	88.0	4.8
195.0	639.6	25.460	77.83	104.0	5.7
200.0	656.0	25.800	78.44	68.0	3.7
205.0	672.4	26.170	79.11	74.0	4.1
210.0	688.8	26.530	79.75	72.0	4.0
215.0	705.2	26.910	80.44	76.0	4.2
220.0	721.6	27.210	80.98	60.0	3.3
225.0	738.0	27.500	81.50	58.0	3.2
226.0	741.3	27.530	81.55	30.0	1.6

TEMPERATURE, DEG C



LOCATION: BEND AMS, OREGON

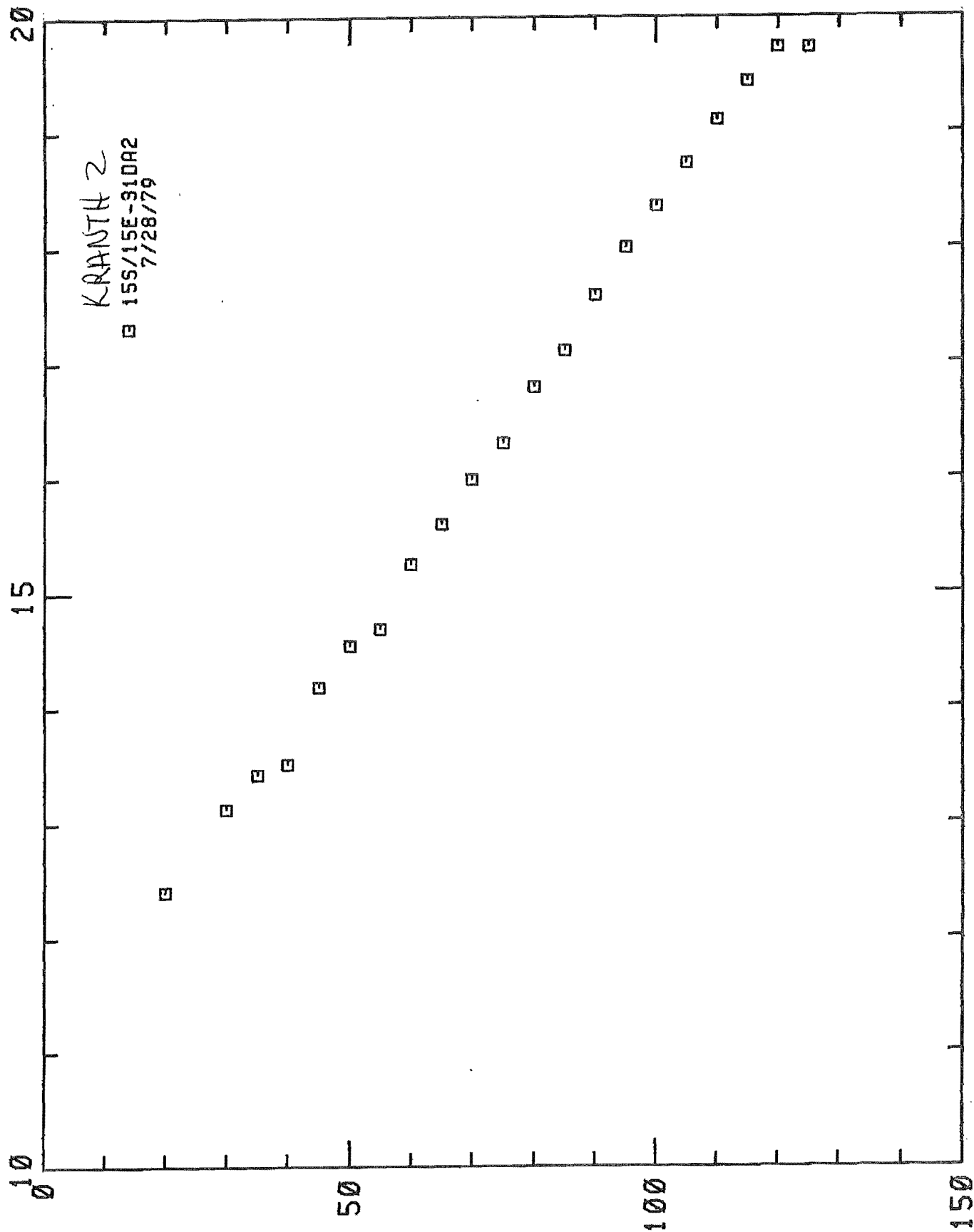
15S/15E-31DA2

HOLE NAME: KRANTH 2

DATE MEASURED: 7/28/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
20.0	65.6	12.410	54.34	0.0	0.0
30.0	98.4	13.130	55.63	72.0	4.0
35.0	114.8	13.430	56.17	60.0	3.3
40.0	131.2	13.520	56.34	18.0	1.0
45.0	147.6	14.180	57.52	132.0	7.2
50.0	164.0	14.540	58.17	72.0	4.0
55.0	180.4	14.690	58.44	30.0	1.6
60.0	196.8	15.250	59.45	112.0	6.1
65.0	213.2	15.600	60.08	70.0	3.8
70.0	229.6	15.990	60.78	78.0	4.3
75.0	246.0	16.300	61.34	62.0	3.4
80.0	262.4	16.790	62.22	98.0	5.4
85.0	278.8	17.110	62.80	64.0	3.5
90.0	295.2	17.590	63.66	96.0	5.3
95.0	311.6	18.000	64.40	82.0	4.5
100.0	328.0	18.360	65.05	72.0	4.0
105.0	344.4	18.730	65.71	74.0	4.1
110.0	360.8	19.100	66.38	74.0	4.1
115.0	377.2	19.440	66.99	68.0	3.7
120.0	393.6	19.730	67.51	58.0	3.2
125.0	410.0	19.730	67.51	0.0	0.0

TEMPERATURE, DEG. C



DEPTH, METERS

LOCATION: SALEM AMS, OREGON

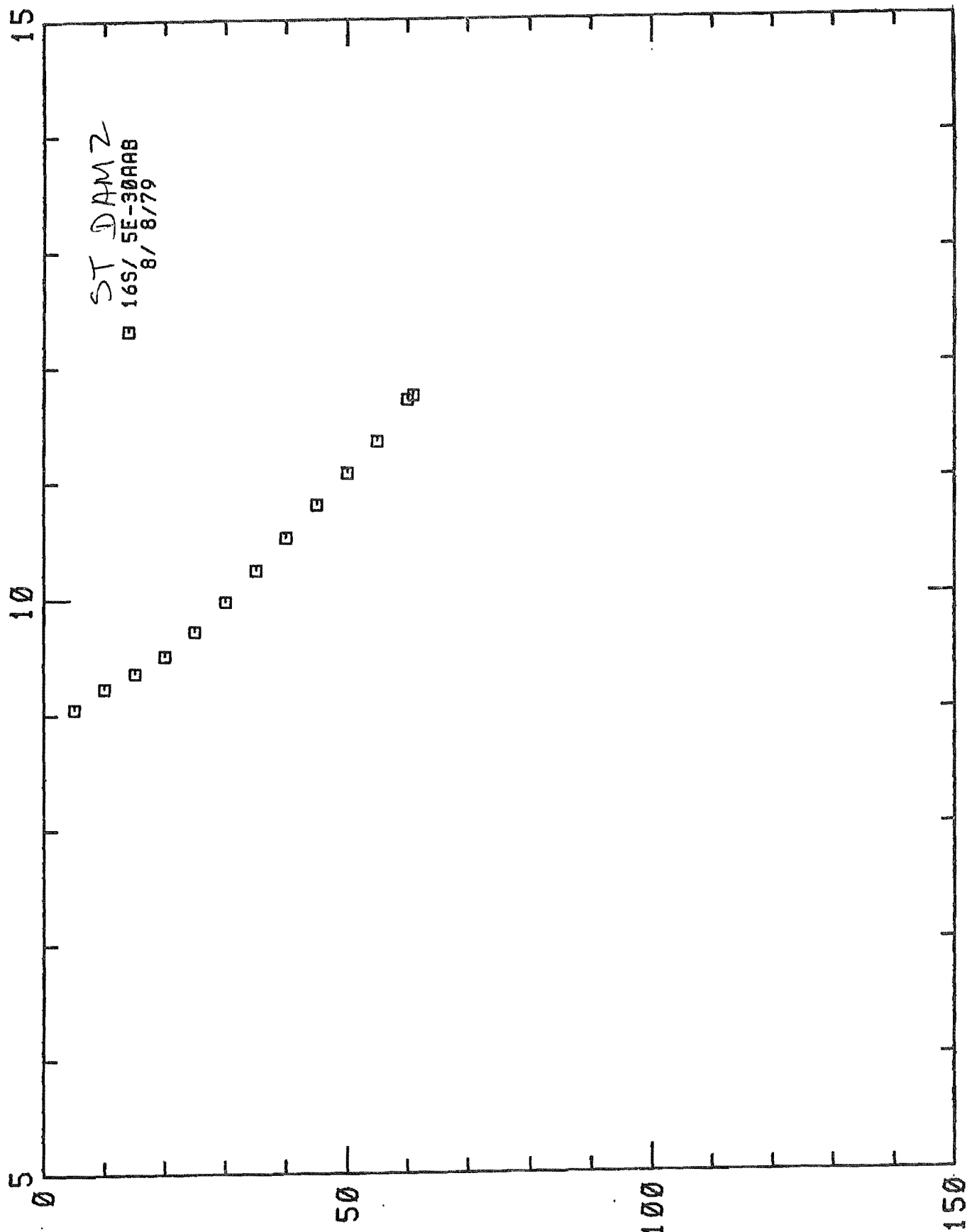
16S/ 5E-30AAB

HOLE NAME: ST DAM 2

DATE MEASURED: 8/ 8/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	9.050	48.29	0.0	0.0
10.0	32.8	9.230	48.61	36.0	2.0
15.0	49.2	9.360	48.85	26.0	1.4
20.0	65.6	9.510	49.12	30.0	1.6
25.0	82.0	9.720	49.50	42.0	2.3
30.0	98.4	9.970	49.95	50.0	2.7
35.0	114.8	10.240	50.43	54.0	3.0
40.0	131.2	10.520	50.94	56.0	3.1
45.0	147.6	10.800	51.44	56.0	3.1
50.0	164.0	11.070	51.93	54.0	3.0
55.0	180.4	11.340	52.41	54.0	3.0
60.0	196.8	11.700	53.06	72.0	4.0
61.0	200.1	11.740	53.13	40.0	2.2

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: SALEM AMS, OREGON

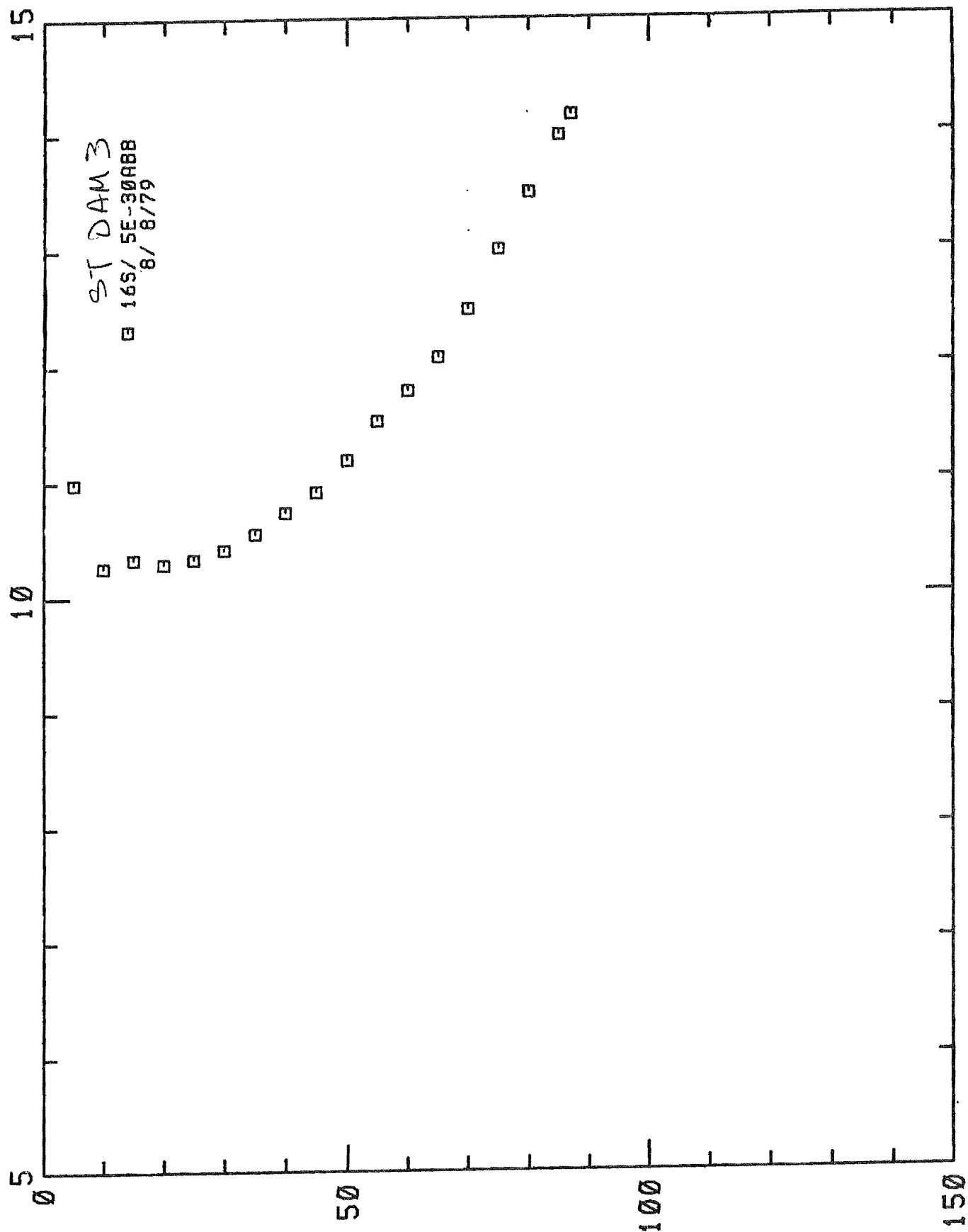
16S/ SE-30ABB

HOLE NAME: ST DAM 3

DATE MEASURED: 8/ 8/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	10.990	51.78	0.0	0.0
10.0	32.8	10.260	50.47	-146.0	-0.0
15.0	49.2	10.330	50.59	14.0	0.0
20.0	65.6	10.290	50.52	-8.0	-0.4
25.0	82.0	10.330	50.59	8.0	0.4
30.0	98.4	10.410	50.74	16.0	0.9
35.0	114.8	10.550	50.99	28.0	1.5
40.0	131.2	10.730	51.31	36.0	2.0
45.0	147.6	10.910	51.64	36.0	2.0
50.0	164.0	11.180	52.12	54.0	3.0
55.0	180.4	11.520	52.74	68.0	3.7
60.0	196.8	11.780	53.20	52.0	2.9
65.0	213.2	12.070	53.73	58.0	3.2
70.0	229.6	12.480	54.46	82.0	4.5
75.0	246.0	13.000	55.40	104.0	5.7
80.0	262.4	13.490	56.28	98.0	5.4
85.0	278.8	13.980	57.16	98.0	5.4
90.0	295.2	14.160	57.49	98.0	4.9

TEMPERATURE, DEG C



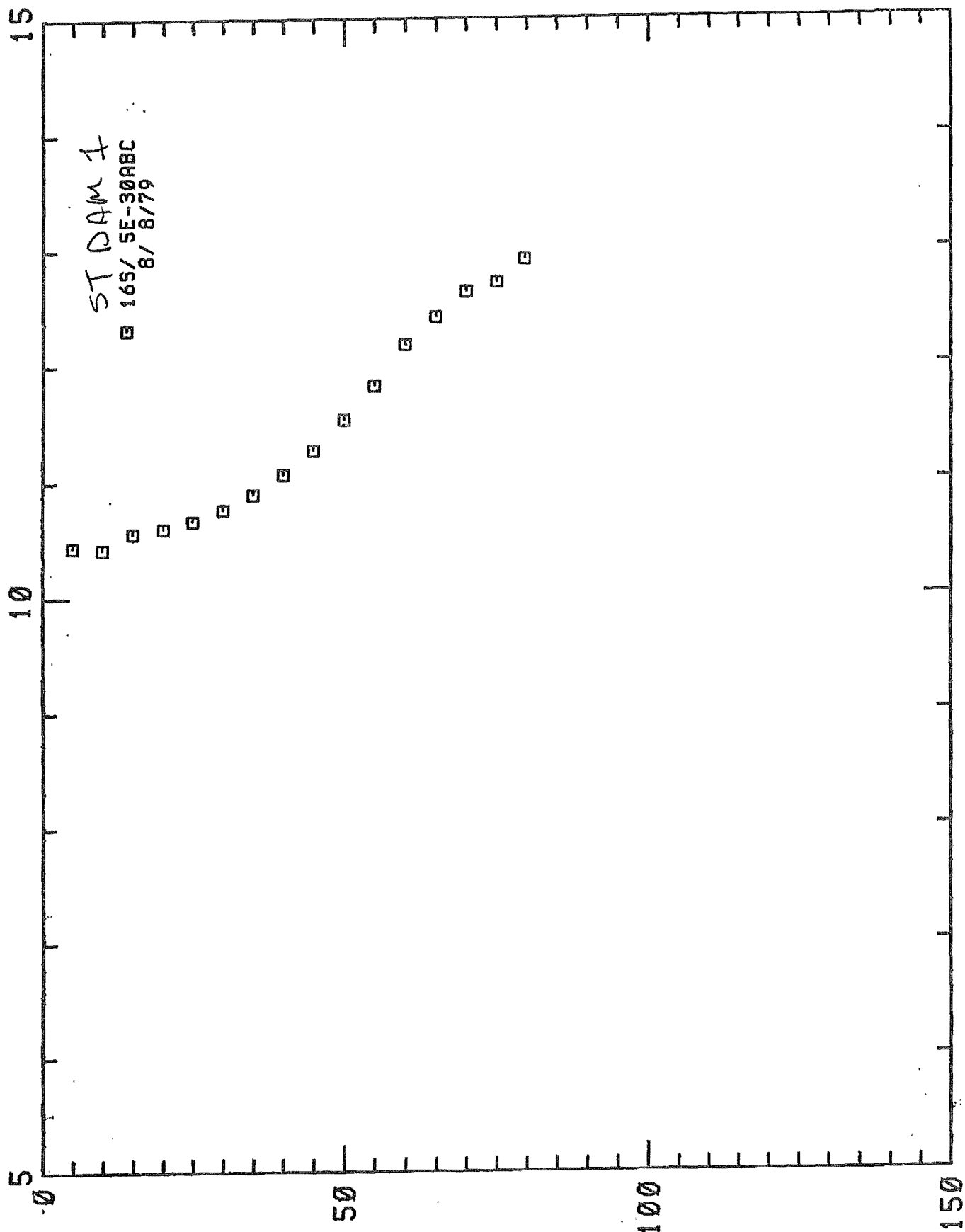
DEPTH, METERS

LOCATION: SALEM AMS. OREGON
165/ SE-30ABC

HOLE NAME: ST DAM 1
DATE MEASURED: 8/ 8/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	10.440	50.79	0.0	0.0
10.0	32.8	10.420	50.76	-4.0	-0.00
15.0	49.2	10.560	51.01	20.0	1.55
20.0	65.6	10.600	51.08	0.0	0.4
25.0	82.0	10.660	51.19	12.0	0.3
30.0	98.4	10.760	51.57	20.0	1.1
35.0	114.8	10.890	51.60	26.0	1.4
40.0	131.2	11.060	51.91	34.0	1.9
45.0	147.6	11.270	52.29	42.0	2.6
50.0	164.0	11.630	53.73	50.0	3.3
55.0	180.4	11.820	53.28	58.0	3.9
60.0	196.8	12.170	53.91	70.0	4.6
65.0	213.2	12.410	54.34	46.0	3.5
70.0	229.6	12.630	54.73	44.0	3.4
75.0	246.0	12.710	54.88	16.0	0.9
80.0	262.4	12.910	55.24	42.1	3.2

TEMPERATURE, DEG C



LOCATION: BEND AMS, OREGON

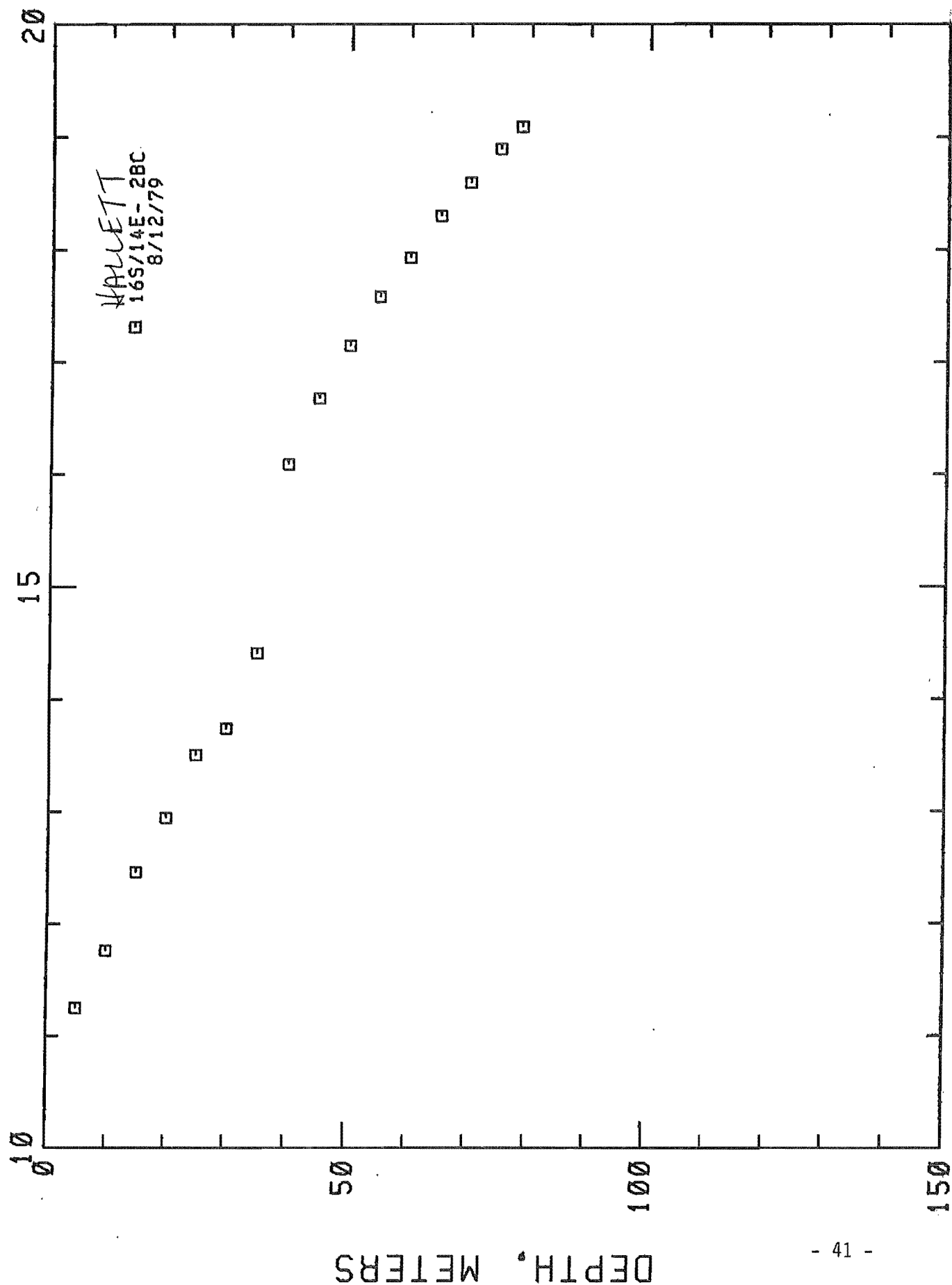
16S/14E- 2BC

HOLE NAME: HALLETT

DATE MEASURED: 8/12/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	11.250	52.25	0.0	0.0
10.0	32.8	11.750	53.17	102.0	5.6
15.0	49.2	12.460	54.43	140.0	7.7
20.0	65.6	12.950	55.31	98.0	5.4
25.0	82.0	13.510	56.32	112.0	6.1
30.0	98.4	13.740	56.73	46.0	2.5
35.0	114.8	14.410	57.94	134.0	7.4
40.0	131.2	16.090	60.96	336.0	18.4
45.0	147.6	16.680	62.02	118.0	6.5
50.0	164.0	17.150	62.87	94.0	5.2
55.0	180.4	17.580	63.64	86.0	4.7
60.0	196.8	17.930	64.27	70.0	3.8
65.0	213.2	18.300	64.94	74.0	4.1
70.0	229.6	18.600	65.48	60.0	3.3
75.0	246.0	18.900	66.02	60.0	3.3
78.5	257.5	19.090	66.36	54.3	3.0

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: ROSEBURG AMS, OREGON

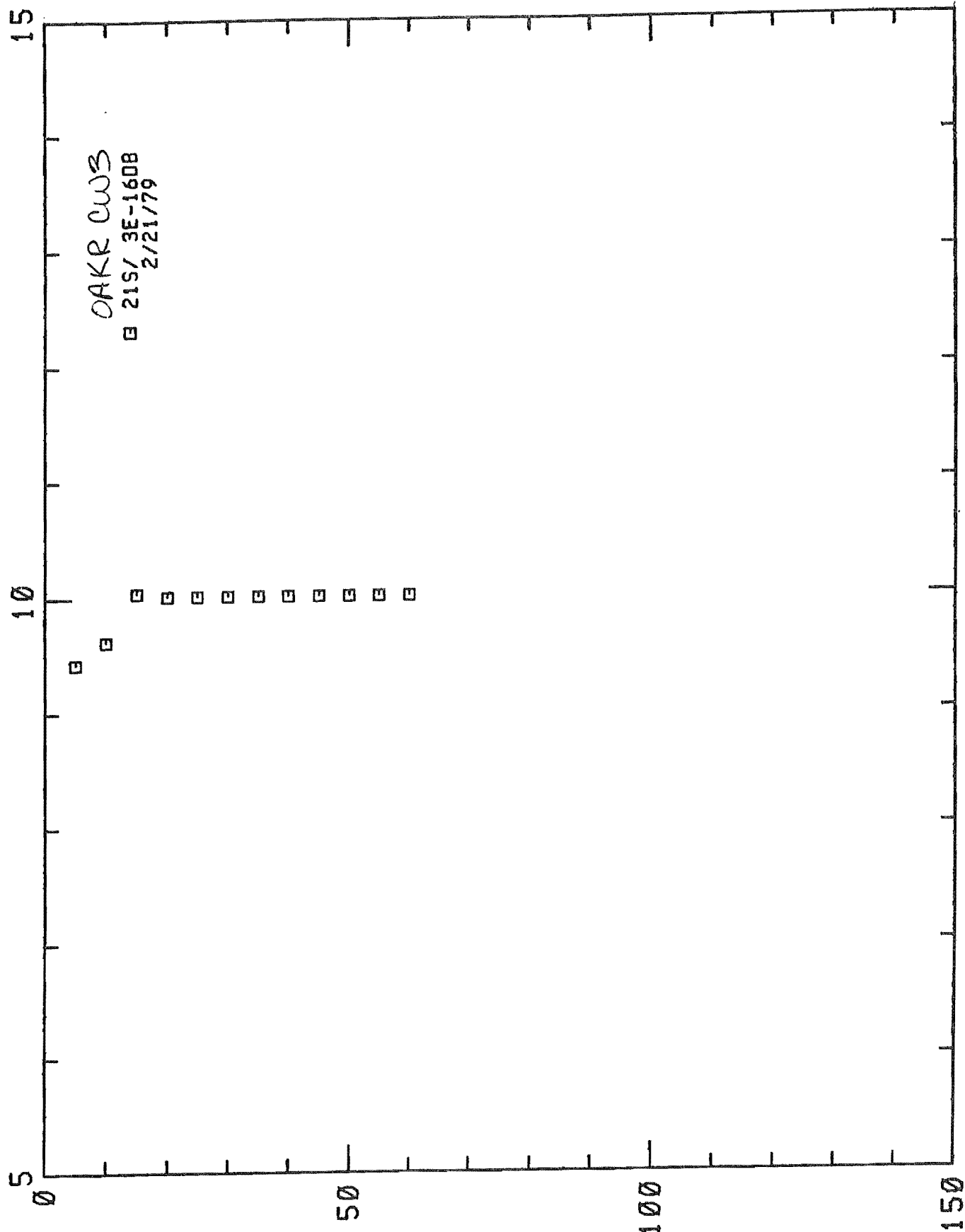
21S/ 3E-16DB

HOLE NAME: OAKR CW3

DATE MEASURED: 2/21/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	9.430	48.97	0.0	0.0
10.0	32.8	9.620	49.32	38.0	2.1
15.0	49.2	10.040	50.07	84.0	4.6
20.0	65.6	10.010	50.02	-6.0	-0.3
25.0	82.0	10.010	50.02	0.0	0.0
30.0	98.4	10.010	50.02	0.0	0.0
35.0	114.8	10.010	50.02	0.0	0.0
40.0	131.2	10.010	50.02	0.0	0.0
45.0	147.6	10.010	50.02	0.0	0.0
50.0	164.0	10.010	50.02	0.0	0.0
55.0	180.4	10.010	50.02	0.0	0.0
60.0	196.8	10.010	50.02	0.0	0.0

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: ROSEBURG AMS, OREGON

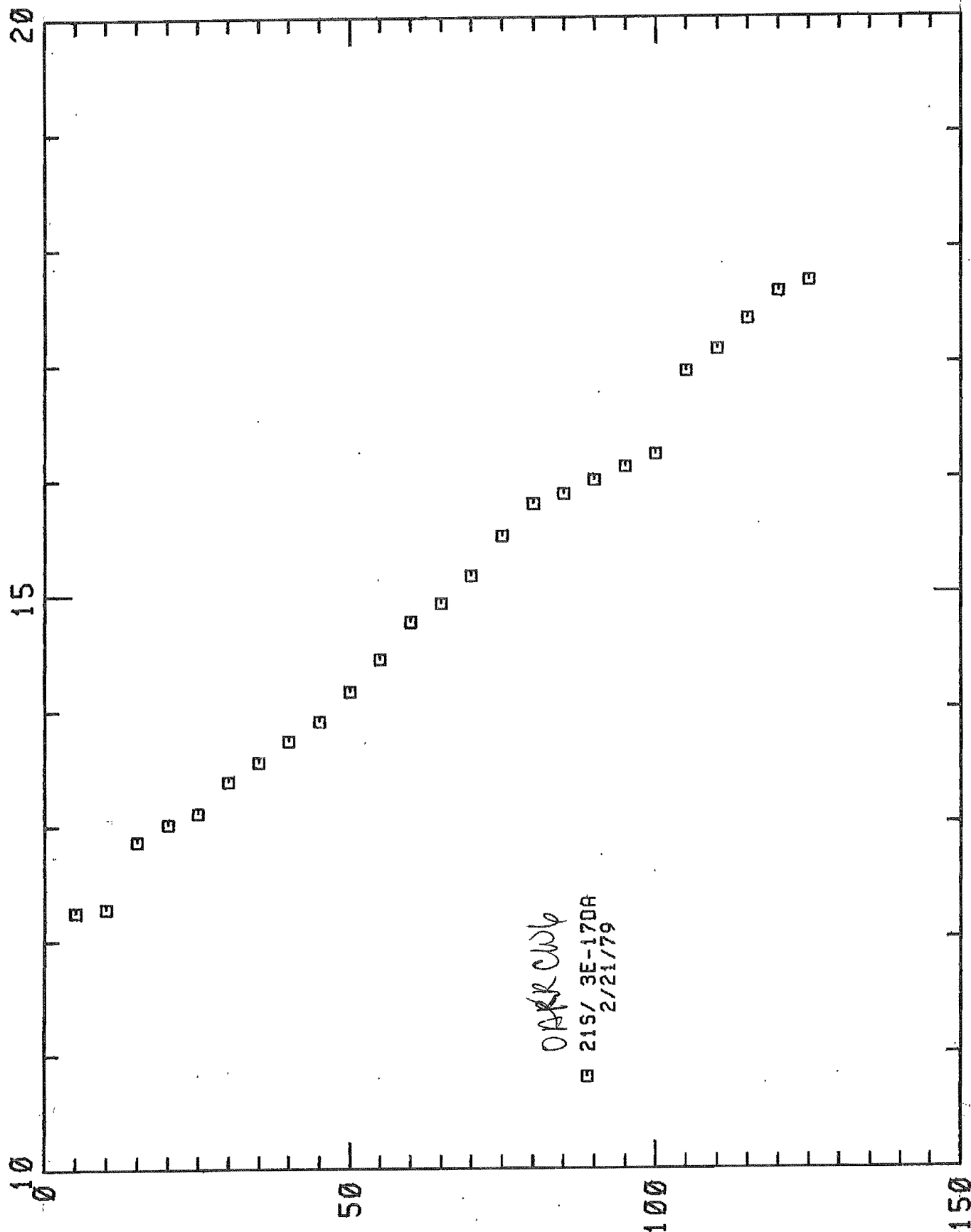
21S/ 3E-17DA

HOLE NAME: OAKR CW6

DATE MEASURED: 2/21/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	12.250	54.05	0.0	0.0
10.0	32.8	12.290	54.10	6.0	0.3
15.0	49.2	12.660	55.15	116.0	6.4
20.0	65.6	13.010	55.42	30.0	1.6
25.0	82.0	13.110	55.60	20.0	1.1
30.0	98.4	13.390	56.08	54.0	3.0
35.0	114.8	13.550	56.39	34.0	1.9
40.0	131.2	13.730	56.71	36.0	2.0
45.0	147.6	13.900	57.02	34.0	1.9
50.0	164.0	14.160	57.49	52.0	2.9
55.0	180.4	14.440	57.99	56.0	3.1
60.0	196.8	14.760	58.57	64.0	3.5
65.0	213.2	14.920	58.86	32.0	1.8
70.0	229.6	15.160	59.29	48.0	2.6
75.0	246.0	15.500	59.90	68.0	3.7
80.0	262.4	15.790	60.40	56.0	3.1
85.0	278.8	15.870	60.57	18.0	1.0
90.0	295.2	15.990	60.78	24.0	1.3
95.0	311.6	16.100	60.98	22.0	1.2
100.0	328.0	16.210	61.18	22.0	1.2
105.0	344.4	16.930	62.47	144.0	7.9
105.0	344.4	16.930	62.47	0.0	0.0
110.0	360.8	17.120	62.82	38.0	2.1
115.0	377.2	17.380	63.28	52.0	2.9
120.0	393.6	17.620	63.72	48.0	2.6
125.0	410.0	17.710	63.88	18.0	1.0

TEMPERATURE, DEG C



OARR CWL
215/ 3E-17DA
2/21/79

DEPTH, METERS

LOCATION: ROSEBURG AMS, OREGON

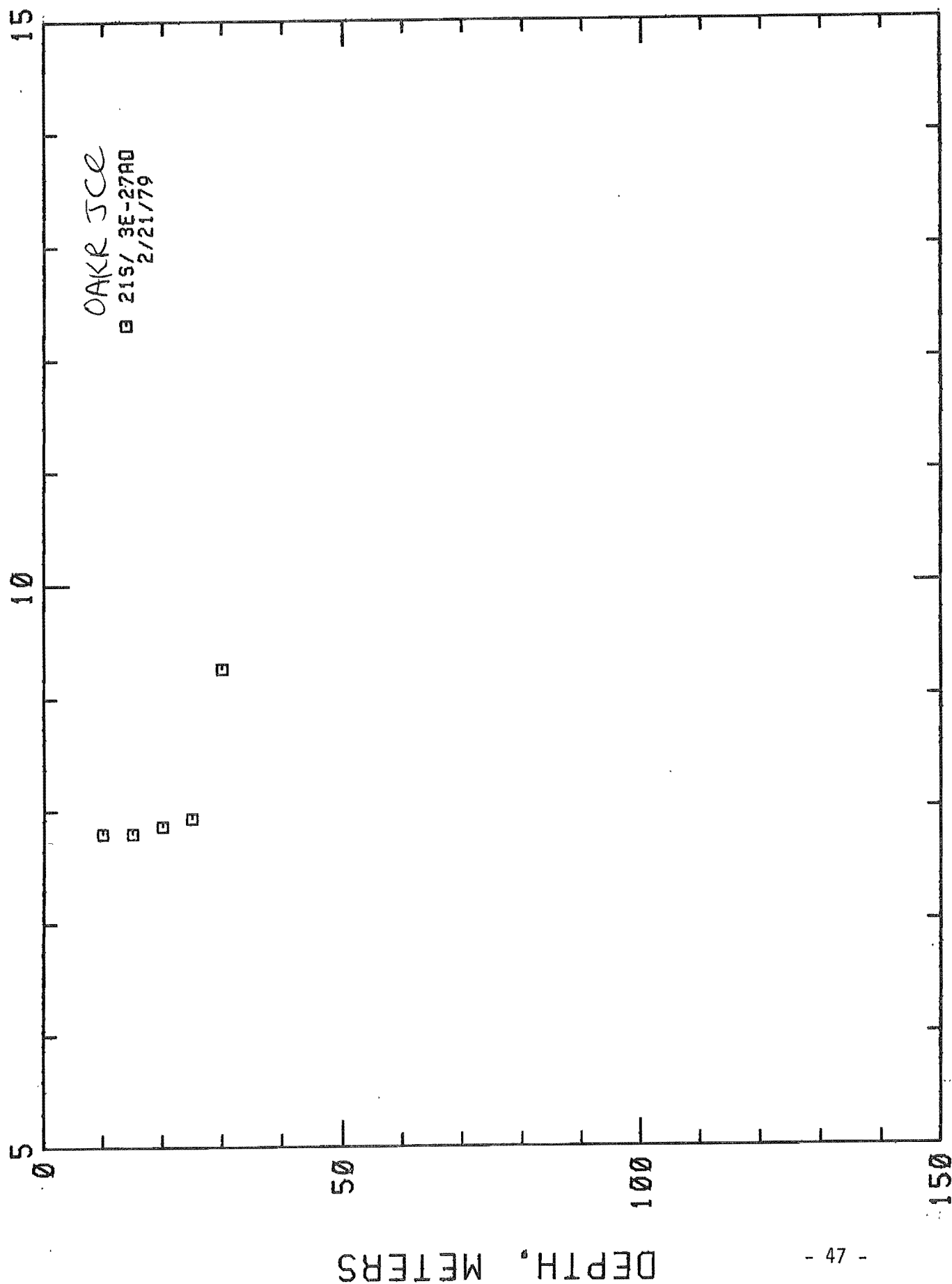
21S/ 3E-27AD

HOLE NAME: OAKR JCC

DATE MEASURED: 2/21/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
10.0	32.8	7.800	46.04	0.0	0.0
15.0	49.2	7.800	46.04	0.0	0.0
20.0	65.6	7.860	46.15	12.0	0.7
25.0	82.0	7.930	46.27	14.0	0.8
30.0	98.4	9.260	48.67	266.0	14.6

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: COOS BAY AMS, OREGON

26S/13W-26BDA

HOLE NAME: MENASHA

DATE MEASURED: 8/28/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
10.0	32.8	12.270	54.09	0.0	0.0
12.5	41.0	12.010	53.62	-104.0	-15.7
15.0	49.2	11.520	52.74	-196.0	-10.8
17.5	57.4	11.320	52.38	-80.0	-4.4
20.0	65.6	11.250	52.25	-28.0	-1.5
22.5	73.8	11.160	52.09	-36.0	-2.0
25.0	82.0	11.110	52.00	-20.0	-1.1
27.5	90.2	11.030	51.85	-32.0	-1.8
30.0	98.4	11.030	51.85	0.0	0.0
32.5	106.6	11.000	51.80	-12.0	-0.7
35.0	114.8	11.310	52.36	124.0	6.8
37.5	123.0	11.460	52.63	60.0	3.3
40.0	131.2	11.870	53.37	164.0	9.0
42.5	139.4	11.560	52.81	-124.0	-6.8
45.0	147.6	11.470	52.65	-36.0	-2.0
47.5	155.8	11.520	52.74	20.0	1.1
50.0	164.0	11.540	52.77	8.0	0.4
52.5	172.2	11.550	52.79	4.0	0.2
55.0	180.4	11.550	52.79	0.0	0.0
57.5	188.6	11.520	52.74	-12.0	-0.7
60.0	196.8	11.550	52.79	12.0	0.7
62.5	205.0	11.590	52.86	16.0	0.9
65.0	213.2	11.620	52.92	12.0	0.7
67.5	221.4	11.630	52.93	4.0	0.2
70.0	229.6	11.660	52.99	12.0	0.7
72.5	237.8	11.660	52.99	0.0	0.0
75.0	246.0	11.680	52.82	8.0	0.4
77.5	254.2	11.720	53.10	16.0	0.9
80.0	262.4	11.750	53.15	12.0	0.7
82.5	270.6	11.760	53.17	4.0	0.2
85.0	278.8	11.800	53.24	16.0	0.9
87.5	287.0	11.850	53.33	20.0	1.1
90.0	295.2	11.870	53.37	8.0	0.4
92.5	303.4	11.910	53.44	16.0	0.9
95.0	311.6	11.950	53.51	16.0	0.9
97.5	319.8	11.990	53.58	16.0	0.9
100.0	328.0	12.030	53.65	16.0	0.9
102.5	336.2	12.060	53.71	12.0	0.7
105.0	344.4	12.080	53.74	8.0	0.4
107.5	352.6	12.100	53.78	8.0	0.4
110.0	360.8	12.130	53.83	12.0	0.7

LOCATION: COOS BAY AMS, OREGON

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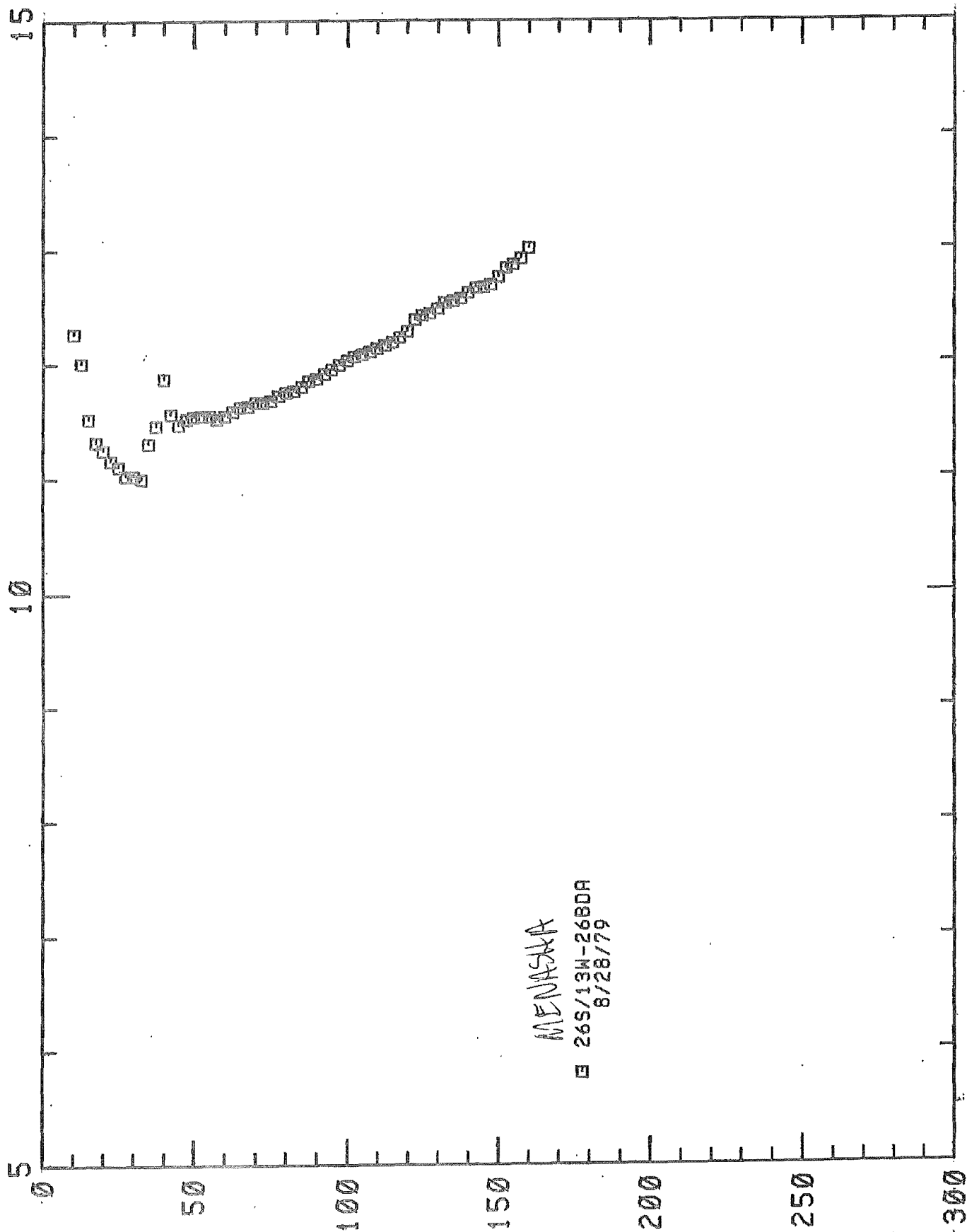
26S/13W-268DA

HOLE NAME: MENASHA

DATE MEASURED: 8/28/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
112.5	369.0	12.160	53.89	12.0	0.7
115.0	377.2	12.190	53.94	12.0	0.7
117.5	385.4	12.230	54.01	16.0	0.9
120.0	393.6	12.280	54.10	20.0	1.1
122.5	401.8	12.380	54.28	40.0	2.2
125.0	410.0	12.420	54.36	16.0	0.9
127.5	418.2	12.440	54.39	8.0	0.4
130.0	426.4	12.480	54.46	16.0	0.9
132.5	434.6	12.530	54.55	20.0	1.1
135.0	442.8	12.550	54.59	8.0	0.4
137.5	451.0	12.570	54.63	8.0	0.4
140.0	459.2	12.620	54.72	20.0	1.1
142.5	467.4	12.660	54.79	16.0	0.9
145.0	475.6	12.670	54.81	4.0	0.2
147.5	483.8	12.690	54.84	8.0	0.4
150.0	492.0	12.760	54.97	28.0	1.5
152.5	500.2	12.840	55.11	32.0	1.8
155.0	508.4	12.870	55.17	12.0	0.7
157.5	516.6	12.920	55.26	20.0	1.1
160.0	524.8	13.010	55.42	36.0	2.0

TEMPERATURE, DEG C



LOCATION: COOS BAY AMS, OREGON

285/134-10DCB

HOLE NAME: BANGERT

DATE MEASURED: 8/24/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
10.00	32.8	12.950	55.31	0.0	0.0
15.00	49.2	12.490	54.48	-32.0	-1.0
20.00	65.6	12.150	53.87	-68.0	-2.3
25.00	82.0	11.910	53.44	-48.0	-1.5
30.00	98.4	11.770	53.19	-28.0	-1.1
35.00	114.8	11.670	53.01	-20.0	-1.1
40.00	131.2	11.600	52.88	-14.0	-0.8
45.00	147.6	11.570	52.83	-6.0	-0.3
50.00	164.0	11.560	52.81	-2.0	-0.1
55.00	172.2	11.570	52.83	4.0	0.1
60.00	180.4	11.570	52.83	0.0	0.0
65.00	188.6	11.580	52.84	4.0	0.1
70.00	196.8	11.610	52.90	12.0	0.4
75.00	205.0	11.630	52.93	8.0	0.3
80.00	213.2	11.650	52.97	8.0	0.3
85.00	221.4	11.680	53.02	12.0	0.4
90.00	229.6	11.700	53.06	8.0	0.3
95.00	237.8	11.740	53.13	16.0	0.5
100.00	246.0	11.770	53.19	12.0	0.4
105.00	254.2	11.810	53.26	16.0	0.5
110.00	262.4	11.850	53.33	16.0	0.5
115.00	270.6	11.900	53.42	20.0	0.7
120.00	278.8	11.930	53.47	12.0	0.4
125.00	287.0	11.980	53.56	20.0	0.7
130.00	295.2	12.030	53.65	20.0	0.7
135.00	303.4	12.090	53.76	20.0	0.7
140.00	311.6	12.150	53.87	24.0	0.8
145.00	319.8	12.210	53.98	24.0	0.8
150.00	328.0	12.270	54.09	24.0	0.8
155.00	336.2	12.330	54.19	24.0	0.8
160.00	344.4	12.380	54.28	20.0	0.7
165.00	352.6	12.460	54.43	32.0	1.0
170.00	360.8	12.530	54.55	28.0	0.9
175.00	369.0	12.580	54.64	28.0	0.9
180.00	377.2	12.630	54.73	28.0	0.9
185.00	385.4	12.680	54.82	28.0	0.9
190.00	393.6	12.760	54.97	32.0	1.0
195.00	401.8	12.810	55.06	28.0	0.9
200.00	410.0	12.870	55.17	24.0	0.8
205.00	418.2	12.930	55.27	24.0	0.8
210.00	426.4	13.000	55.40	28.0	1.0

LOCATION: COOS BAY AMS, OREGON

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26S/13W-10DCB

HOLE NAME: BANGERT

DATE MEASURED: 8/24/79

DEPTH METERS	DEPTH FEET	TEMPERATURE DEG C	TEMPERATURE DEG F	GEOHERMAL GRADIENT DEG C/KM	GEOHERMAL GRADIENT DEG F/100 FT
132.5	434.6	13.060	55.51	24.0	1.3
135.0	442.6	13.130	55.63	28.0	1.5
137.5	451.0	13.190	55.74	24.0	1.3
140.0	459.2	13.290	55.90	36.0	2.0
142.5	467.4	13.370	56.07	36.0	2.0
145.0	475.6	13.430	56.17	24.0	1.3
147.5	483.8	13.510	56.32	32.0	1.8
150.0	492.0	13.580	56.44	28.0	1.5
152.5	500.2	13.640	56.55	24.0	1.3
155.0	508.4	13.710	56.68	28.0	1.5
157.5	516.6	13.770	56.79	24.0	1.3
160.0	524.8	13.850	56.93	32.0	1.8
162.5	533.0	13.930	57.07	32.0	1.8
165.0	541.2	13.990	57.18	24.0	1.3
167.5	549.4	14.090	57.36	40.0	2.2
170.0	557.6	14.160	57.49	28.0	1.5
172.5	565.8	14.230	57.61	28.0	1.5
175.0	574.0	14.310	57.76	32.0	1.8
177.5	582.2	14.380	57.88	28.0	1.5
180.0	590.4	14.470	58.05	36.0	2.0
182.5	598.6	14.550	58.19	32.0	1.8
185.0	606.8	14.600	58.28	20.0	1.1
187.5	615.0	14.650	58.37	20.0	1.1
190.0	623.2	14.700	58.46	20.0	1.1
192.5	631.4	14.740	58.53	16.0	0.9
195.0	639.6	14.790	58.62	20.0	1.1
197.5	647.8	14.830	58.69	16.0	0.9
200.0	656.0	14.890	58.80	24.0	1.3
202.5	664.2	14.990	58.98	40.0	2.2
205.0	672.4	15.070	59.13	32.0	1.8
207.5	680.6	15.150	59.27	32.0	1.8
210.0	688.8	15.270	59.49	48.0	2.6
212.5	697.0	15.390	59.70	48.0	2.6
215.0	705.2	15.510	59.92	48.0	2.6
217.5	713.4	15.630	60.13	48.0	2.6
220.0	721.6	15.750	60.35	48.0	2.6
222.5	729.8	15.810	60.46	24.0	1.3
225.0	738.0	15.860	60.55	20.0	1.1
227.5	746.2	15.930	60.67	28.0	1.5
230.0	754.4	15.990	60.78	24.0	1.3
232.5	762.6	16.030	60.85	16.0	0.9

LOCATION: COOS BAY AMS, OREGON

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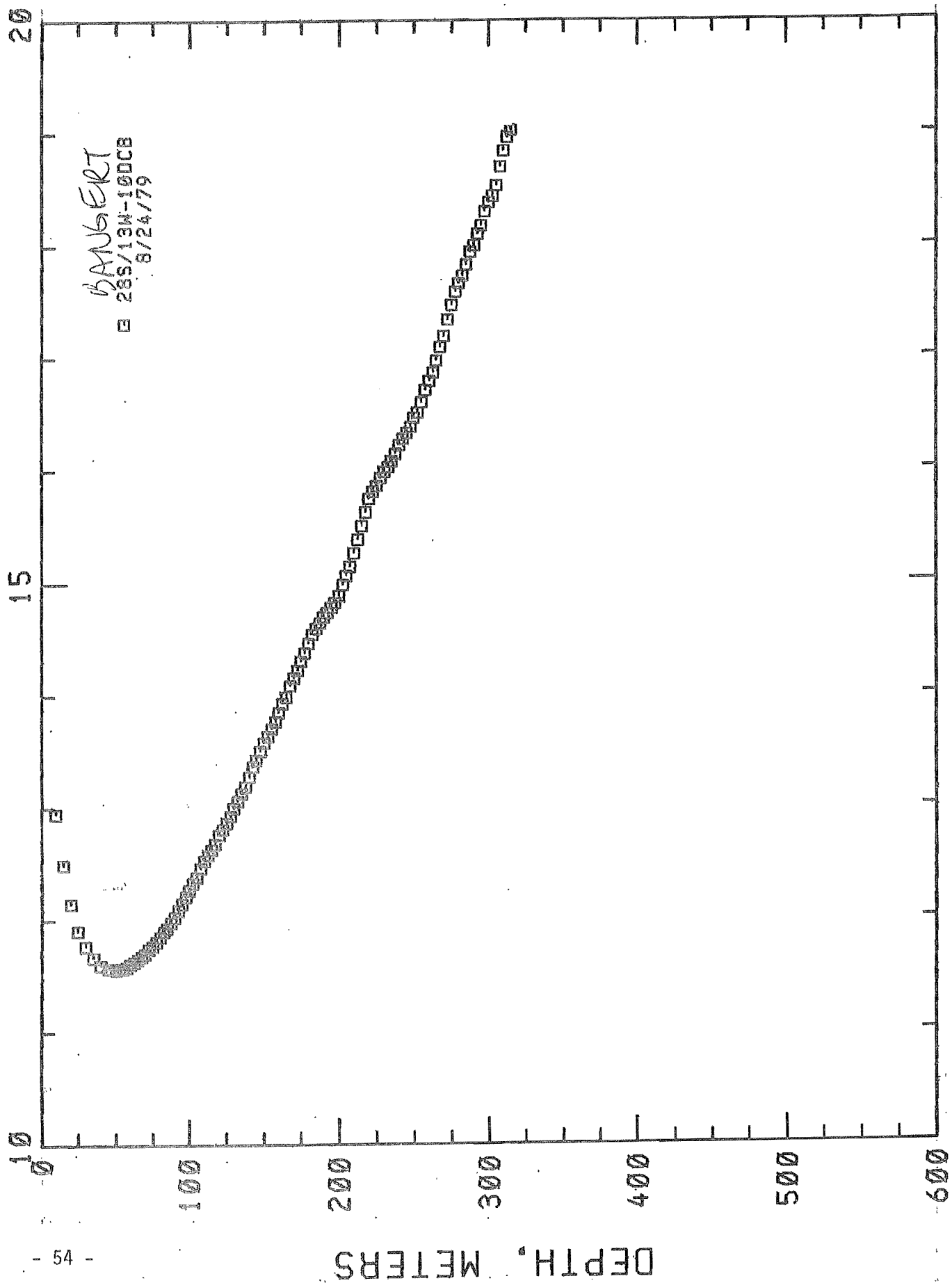
28S/13W-10DCB

HOLE NAME: BANGERT

DATE MEASURED: 8/24/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
235.0	770.8	16.080	60.94	20.0	1.1
237.5	779.0	16.150	61.07	20.0	1.5
240.0	787.2	16.220	61.20	20.0	1.5
242.5	795.4	16.280	61.30	24.0	1.3
245.0	803.6	16.330	61.39	20.0	1.1
247.5	811.8	16.380	61.48	20.0	1.1
250.0	820.0	16.460	61.63	32.0	1.8
252.5	828.2	16.510	61.72	20.0	1.1
255.0	836.4	16.600	61.88	36.0	2.0
257.5	844.6	16.710	62.08	44.0	2.4
260.0	852.8	16.790	62.22	32.0	1.8
262.5	861.0	16.860	62.35	28.0	1.5
265.0	869.2	16.970	62.55	44.0	2.4
267.5	877.4	17.090	62.76	48.0	2.6
270.0	885.6	17.190	62.94	48.0	2.6
272.5	893.8	17.340	63.21	60.0	3.3
275.0	902.0	17.470	63.45	52.0	2.9
277.5	910.2	17.590	63.66	48.0	2.6
280.0	918.4	17.660	63.79	28.0	1.5
282.5	926.6	17.730	63.91	28.0	1.5
285.0	934.8	17.830	64.09	40.0	2.2
287.5	943.0	17.940	64.29	44.0	2.4
290.0	951.2	18.000	64.40	24.0	1.3
292.5	959.4	18.100	64.58	40.0	2.2
295.0	967.6	18.180	64.72	32.0	1.8
297.5	975.8	18.300	64.94	48.0	2.6
300.0	984.0	18.380	65.08	32.0	1.8
302.5	992.2	18.440	65.19	24.0	1.3
305.0	1000.4	18.530	65.35	36.0	2.0
307.5	1008.6	18.700	65.66	60.0	3.3
310.0	1016.8	18.840	65.91	56.0	3.1
312.5	1025.0	18.960	66.13	48.0	2.6
315.0	1033.2	19.020	66.24	24.0	1.3

TEMPERATURE, DEG C



LOCATION: KLAMATH FALLS AMS, OREGON

38S/ 9E-28AC

HOLE NAME: MOLATURE

DATE MEASURED: 6/16/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
10.0	32.8	21.330	70.39	0.0	0.0
20.0	65.6	29.210	84.58	788.0	43.2
30.0	98.4	39.800	103.64	1059.0	58.1
40.0	131.2	51.940	125.49	1214.0	66.8
50.0	164.0	62.790	145.02	1085.0	59.7
60.0	196.8	76.000	168.80	1321.0	73.4
70.0	229.6	85.080	185.14	908.0	49.8
80.0	262.4	89.190	192.54	411.0	23.0
90.0	295.2	94.560	202.21	537.0	29.5
100.0	328.0	95.030	203.05	47.0	2.5
105.0	344.4	95.240	203.43	42.0	2.2
110.0	360.8	95.540	203.97	60.0	3.3
115.0	377.2	96.020	204.84	96.0	5.3
120.0	393.6	96.400	205.52	76.0	4.2
125.0	410.0	96.740	206.13	68.0	3.7
130.0	426.4	97.090	206.76	70.0	3.9
135.0	442.8	97.430	207.37	68.0	3.7
140.0	459.2	97.760	207.97	66.0	3.5
145.0	475.6	98.270	208.89	102.0	5.5
150.0	492.0	98.590	209.46	64.0	3.5
155.0	508.4	98.890	210.00	60.0	3.3
160.0	524.8	99.220	210.60	66.0	3.5
165.0	541.2	99.480	211.06	52.0	2.8
170.0	557.6	99.690	211.44	42.0	2.2
175.0	574.0	99.910	211.84	44.0	2.4
180.0	590.4	100.020	212.04	22.0	1.1
185.0	606.8	100.110	212.20	18.0	0.9
190.0	623.2	100.160	212.29	10.0	0.5
195.0	639.6	100.180	212.32	4.0	0.2
200.0	656.0	100.200	212.36	4.0	0.2
205.0	672.4	100.190	212.34	-2.0	-0.1
210.0	688.8	100.190	212.34	0.0	0.0
215.0	705.2	100.170	212.31	-4.0	-0.2
220.0	721.6	100.150	212.27	-4.0	-0.2
225.0	738.0	100.110	212.20	-8.0	-0.4
230.0	754.4	100.090	212.16	-4.0	-0.2
235.0	770.8	100.050	212.09	-8.0	-0.4
240.0	787.2	100.020	212.04	-6.0	-0.3
245.0	803.6	99.950	211.91	-14.0	-0.8
250.0	820.0	99.900	211.82	-10.0	-0.5
255.0	836.4	99.800	211.64	-20.0	-1.1

LOCATION: KLAMATH FALLS AMS, OREGON PAGE 2

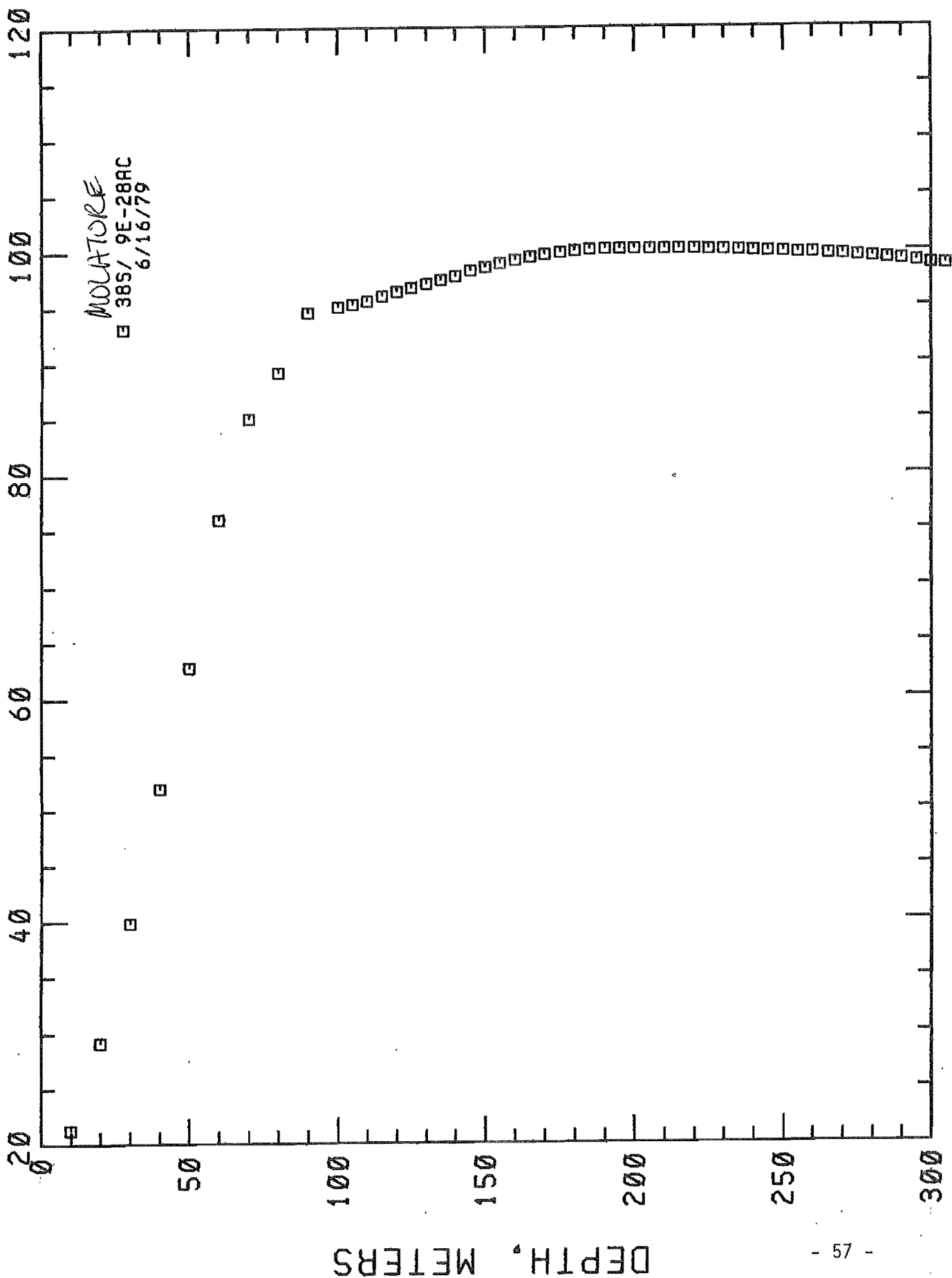
38S/ 9E-28AC

HOLE NAME: MOLATORE

DATE MEASURED: 6/16/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
260.0	852.8	99.750	211.55	-10.0	-0.5
265.0	869.2	99.680	211.42	-14.0	-0.8
270.0	885.6	99.600	211.28	-16.0	-0.9
275.0	902.0	99.510	211.12	-18.0	-1.0
280.0	918.4	99.400	210.92	-22.0	-1.2
285.0	934.8	99.280	210.70	-24.0	-1.3
290.0	951.2	99.130	210.43	-30.0	-1.6
295.0	967.6	98.970	210.15	-32.0	-1.8
300.0	984.0	98.770	209.79	-40.0	-2.2
305.0	1000.4	98.690	209.64	-16.0	-0.9

TEMPERATURE, DEG C



LOCATION: KLAMATH FALLS AMS, OREGON

38S/20E-21DAC

HOLE NAME: G PLATO

DATE MEASURED: 7/31/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
20.0	65.6	11.640	52.95	0.0	0.0
22.5	73.8	11.500	52.70	-56.0	-3.1
25.0	82.0	11.640	52.95	56.0	3.1
27.5	90.2	11.690	53.04	20.0	1.1
30.0	98.4	11.750	53.15	24.0	1.3
32.5	106.6	11.860	53.35	44.0	2.4
35.0	114.8	11.950	53.53	40.0	2.2
37.5	123.0	12.040	53.67	32.0	1.8
40.0	131.2	12.220	54.00	72.0	4.0
42.5	139.4	12.290	54.12	26.0	1.5
45.0	147.6	12.310	54.16	8.0	0.4
47.5	155.8	12.320	54.18	4.0	0.2
50.0	164.0	12.350	54.23	12.0	0.7
52.5	172.2	12.360	54.25	4.0	0.2
55.0	180.4	12.380	54.28	8.0	0.4
57.5	188.6	12.380	54.28	0.0	0.0
60.0	196.8	12.380	54.28	0.0	0.0
62.5	205.0	12.380	54.28	0.0	0.0
65.0	213.2	12.390	54.30	4.0	0.2

TEMPERATURE, DEG C

15

10

5

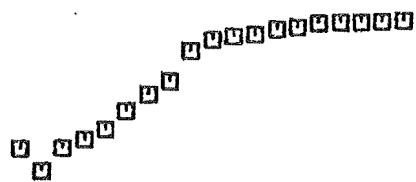
DEPTH, METERS

50

100

150

6 PLATO
38S/20E-210AC
7/31/79



LOCATION: KLAMATH FALLS AMS, OREGON

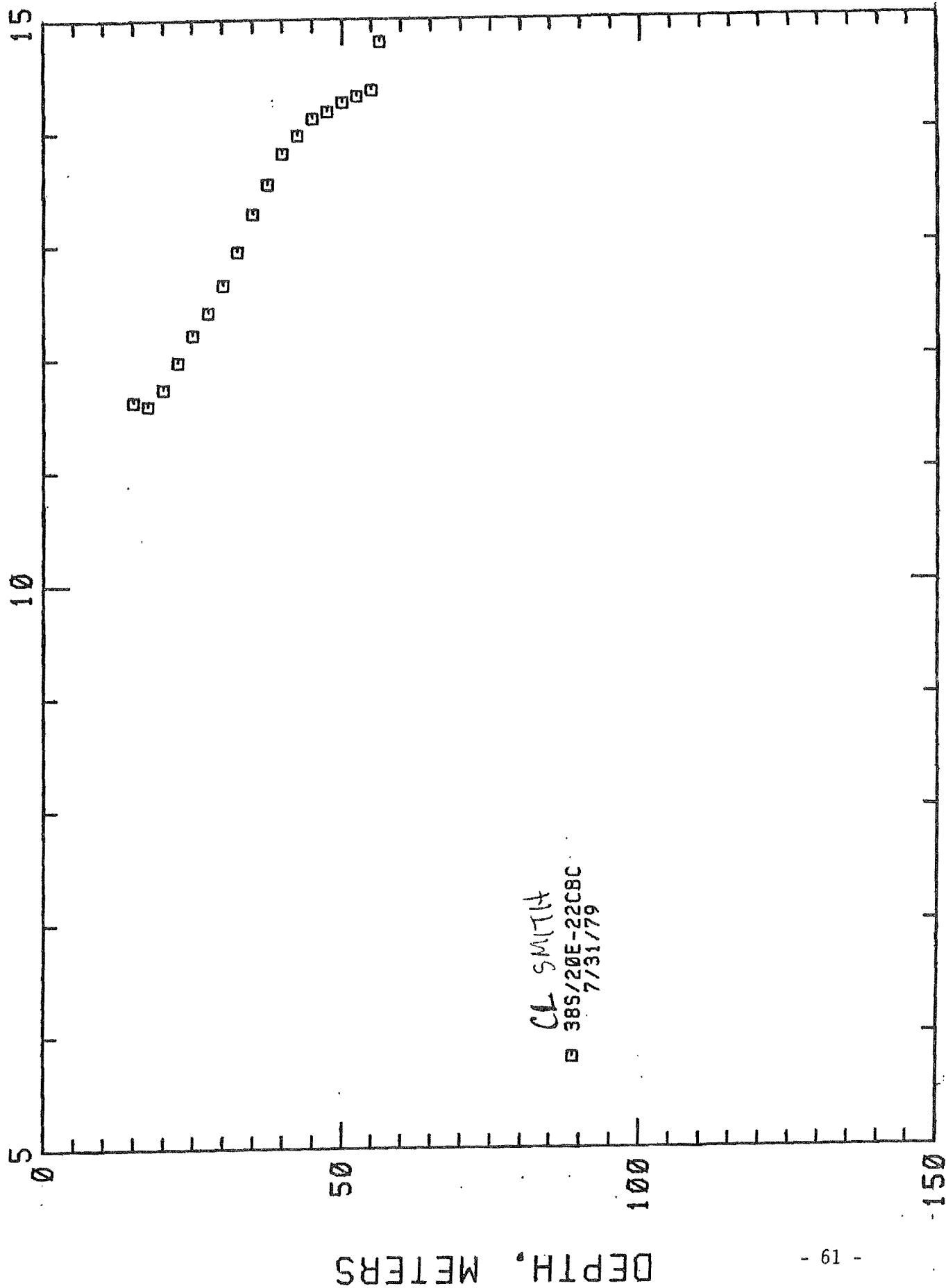
385/20E-22CBC

HOLE NAME: CL SMITH

DATE MEASURED: 7/31/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
15.0	49.2	11.620	52.92	0.0	0.0
17.5	57.4	11.590	52.86	-12.0	-0.7
20.0	65.6	11.730	53.11	55.0	0.1
22.5	73.8	11.970	53.55	95.0	0.3
25.0	82.0	12.210	53.98	95.0	0.3
27.5	90.2	12.410	54.34	80.0	4.4
30.0	98.4	12.650	54.77	95.0	0.3
32.5	106.6	12.950	55.31	120.0	0.0
35.0	114.8	13.280	55.90	132.0	7.2
37.5	123.0	13.540	56.37	104.0	0.7
40.0	131.2	13.810	56.86	108.0	0.9
42.5	139.4	13.970	57.15	64.0	0.5
45.0	147.6	14.120	57.42	60.0	0.3
47.5	155.8	14.180	57.52	24.0	1.0
50.0	164.0	14.260	57.67	32.0	1.0
52.5	172.2	14.320	57.78	24.0	1.0
55.0	180.4	14.370	57.87	20.0	1.1
56.5	185.3	14.800	58.64	285.7	15.7

TEMPERATURE, DEG. C



LOCATION: KLAMATH FALLS AMS, ORE

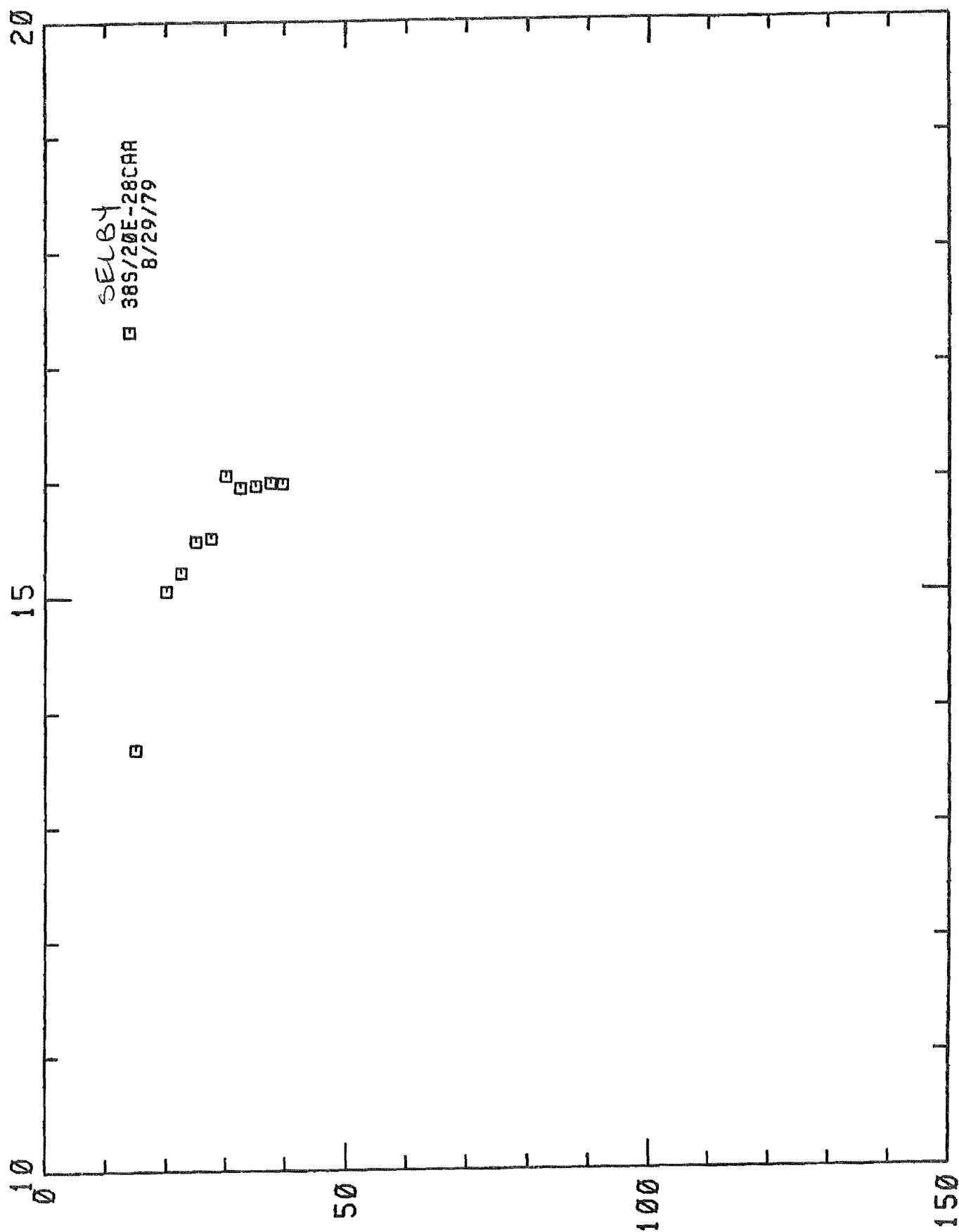
38S/20E-28CAA

HOLE NAME: SELBY

DATE MEASURED: 8/29/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
15.0	49.2	13.660	56.62	0.0	0.0
20.0	65.6	15.050	59.09	274.0	15.0
22.5	73.8	15.210	59.38	64.0	3.5
25.0	82.0	15.480	59.86	108.0	5.9
27.5	90.2	15.510	59.92	12.0	0.7
30.0	98.4	16.050	60.89	216.0	11.9
32.5	106.6	15.950	60.71	-40.0	-2.2
35.0	114.8	15.960	60.73	4.0	0.2
37.5	123.0	15.990	60.78	12.0	0.7
39.5	129.6	15.980	60.76	-5.0	-0.3

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, OREGON

385/20E-33ABB1

HOLE NAME: D LINDSAY

DATE MEASURED: 7/30/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
35.0	114.8	42.140	107.85	0.0	0.0
40.0	131.2	44.800	112.64	532.0	29.2
45.0	147.6	47.410	117.34	522.0	28.6
50.0	164.0	50.320	122.58	582.0	31.9
55.0	180.4	53.410	128.14	618.0	33.9
60.0	196.8	56.610	133.90	640.0	35.1
65.0	213.2	59.810	139.66	640.0	35.1
70.0	229.6	62.520	144.54	542.0	29.7
75.0	246.0	65.420	149.76	580.0	31.8
80.0	262.4	68.110	154.60	538.0	29.5
85.0	278.8	70.670	159.21	512.0	28.1
90.0	295.2	73.300	163.94	526.0	28.9
95.0	311.6	75.810	168.46	502.0	27.5
100.0	328.0	78.180	172.72	474.0	26.0
105.0	344.4	80.440	176.79	452.0	24.8
110.0	360.8	82.570	180.63	426.0	23.4
115.0	377.2	84.580	184.24	402.0	22.1
120.0	393.6	86.140	187.05	312.0	17.1
125.0	410.0	87.530	189.55	278.0	15.3
130.0	426.4	88.810	191.86	256.0	14.0
135.0	442.8	89.780	193.60	194.0	10.6
140.0	459.2	90.700	195.26	184.0	10.1
145.0	475.6	91.520	196.74	164.0	9.0
150.0	492.0	92.360	198.25	168.0	9.2
155.0	508.4	92.910	199.24	110.0	6.0
160.0	524.8	93.570	200.43	132.0	7.2
165.0	541.2	94.100	201.38	106.0	5.8
170.0	557.6	94.580	202.24	96.0	5.3
175.0	574.0	95.020	203.04	88.0	4.8
180.0	590.4	95.480	203.86	92.0	5.0
185.0	606.8	95.910	204.64	86.0	4.7
190.0	623.2	96.360	205.45	90.0	4.9
195.0	639.6	96.740	206.13	76.0	4.2
200.0	656.0	97.120	206.82	76.0	4.2
205.0	672.4	97.480	207.46	72.0	4.0
210.0	688.8	97.880	208.18	80.0	4.4
215.0	705.2	98.230	208.81	70.0	3.8
220.0	721.6	98.660	209.59	86.0	4.7
225.0	738.0	99.040	210.27	76.0	4.2
230.0	754.4	99.380	210.88	68.0	3.7
235.0	770.8	99.760	211.57	76.0	4.2

LOCATION: KLAMATH FALLS AMS, OREGON

PAGE 2

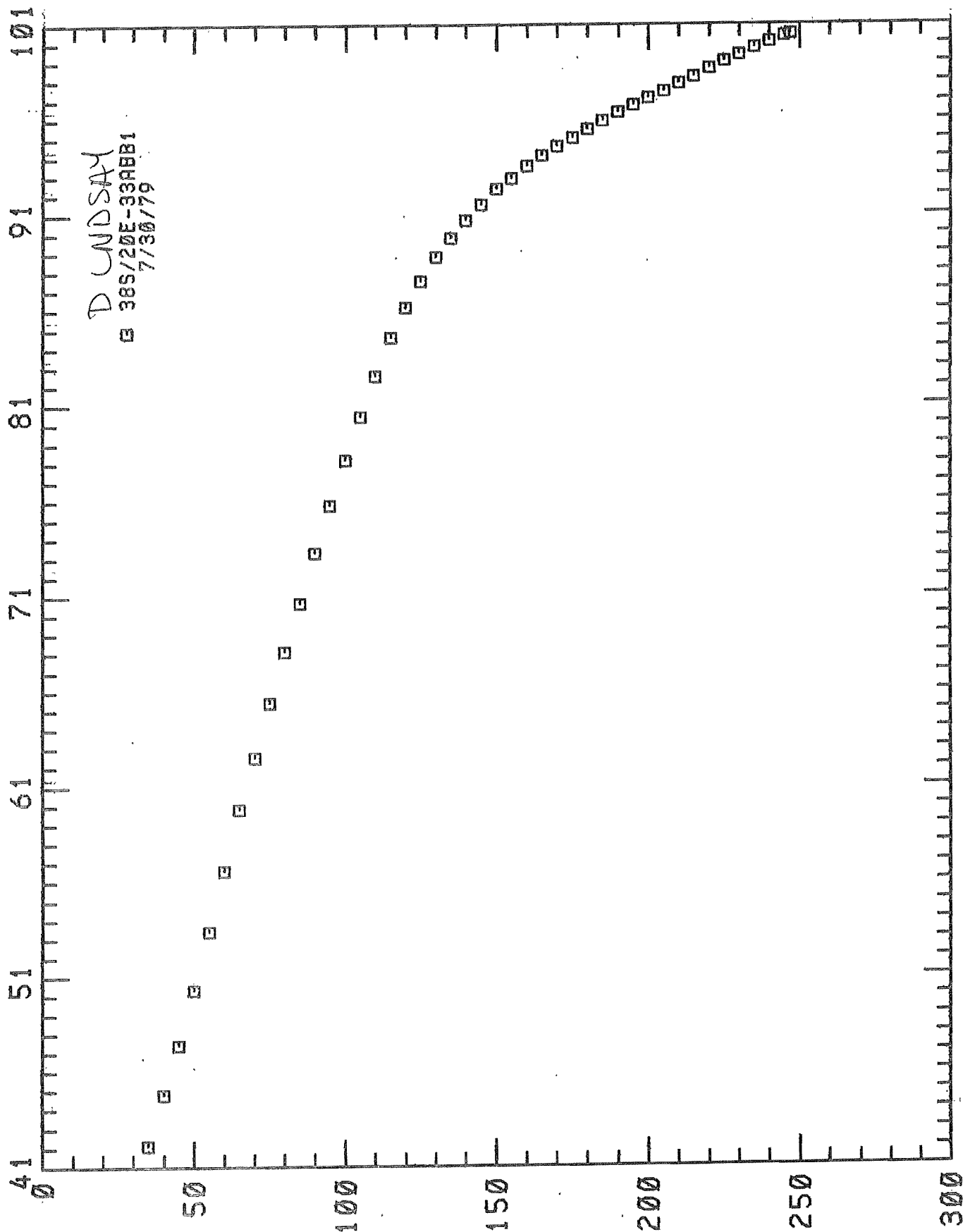
38S/20E-33ABB1

HOLE NAME: D LINDSAY

DATE MEASURED: 7/30/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
240.0	787.2	100.090	212.16	66.0	3.6
245.0	803.6	100.370	212.67	56.0	3.1
247.0	810.2	100.500	212.90	65.0	3.6

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, OREGON

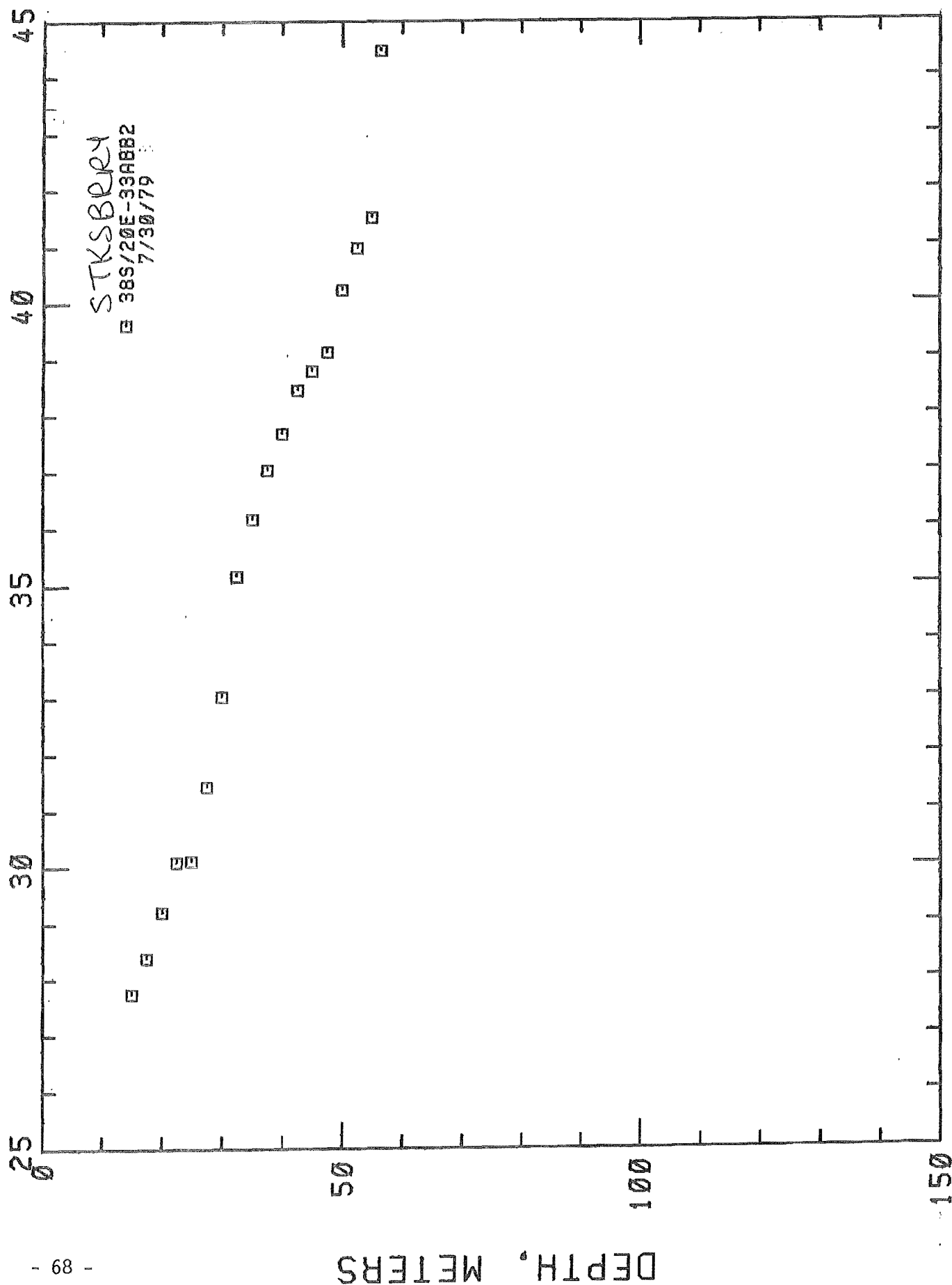
38S/20E-33ABB2

HOLE NAME: STKSBRRY

DATE MEASURED: 7/30/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
15.0	49.2	27.750	81.95	0.0	0.0
17.5	57.4	28.390	83.10	256.0	14.0
20.0	65.6	29.220	84.60	332.0	18.2
22.5	73.8	30.100	86.18	352.0	19.3
25.0	82.0	30.120	86.22	8.0	0.4
27.5	90.2	31.440	88.59	528.0	29.0
30.0	98.4	33.030	91.45	636.0	34.9
32.5	106.6	35.170	95.31	856.0	47.0
35.0	114.8	36.170	97.11	400.0	22.0
37.5	123.0	37.030	98.65	344.0	18.9
40.0	131.2	37.690	99.84	264.0	14.5
42.5	139.4	38.450	101.21	304.0	16.7
45.0	147.6	38.790	101.82	136.0	7.5
47.5	155.8	39.130	102.43	136.0	7.5
50.0	164.0	40.230	104.41	440.0	24.1
52.5	172.2	40.980	105.76	300.0	16.5
55.0	180.4	41.510	106.72	212.0	11.6
56.5	185.3	44.480	112.06	1980.0	108.7

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, ORE

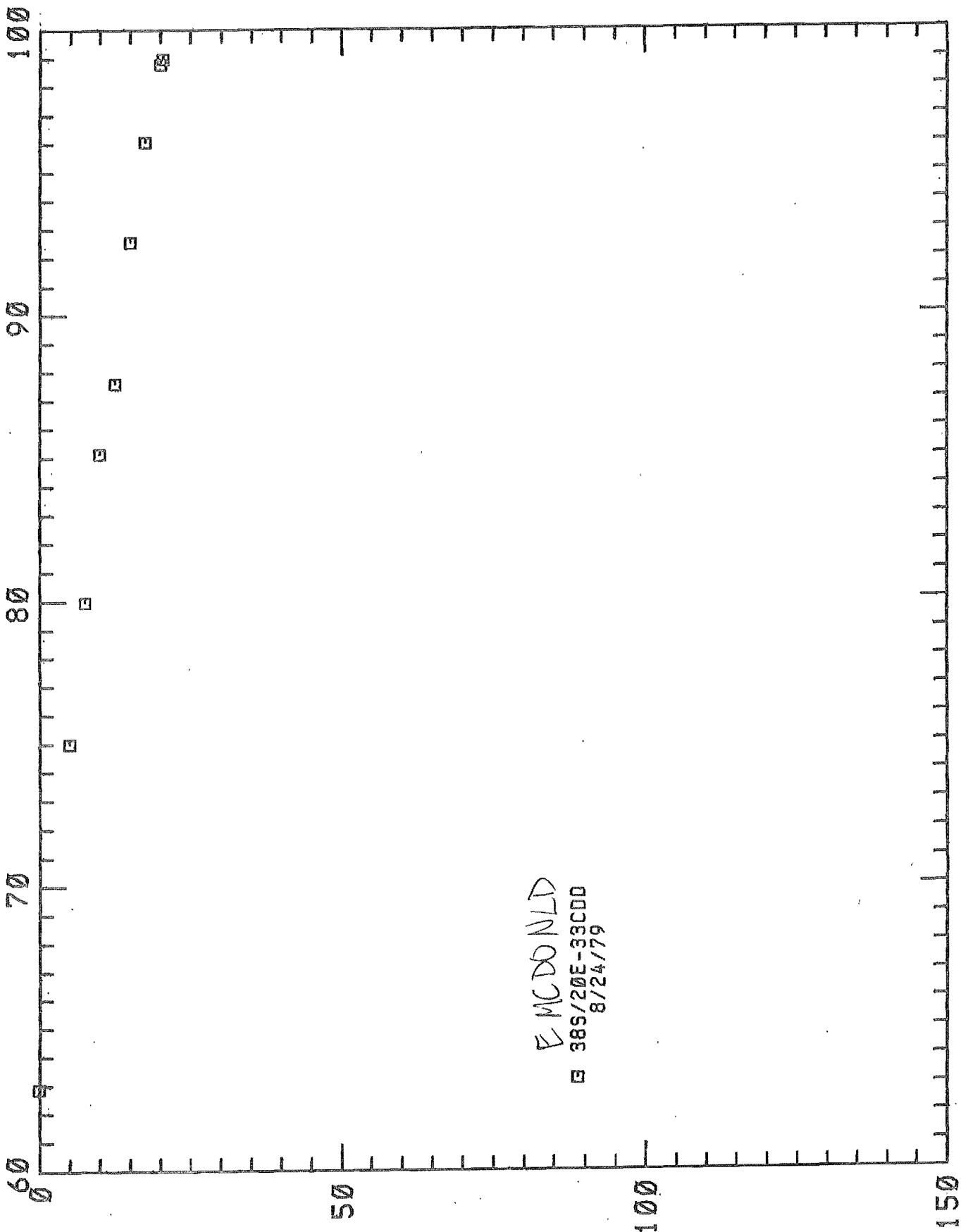
38S/20E-33CDD

HOLE NAME: EMCDONLD

DATE MEASURED: 8/24/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
0.0	0.0	62.880	145.18	0.0	0.0
5.0	16.4	74.990	166.98	2422.0	132.9
7.5	24.6	79.970	175.95	1992.0	109.3
10.0	32.8	85.150	185.27	2072.0	113.7
12.5	41.0	87.620	189.72	988.0	54.2
15.0	49.2	92.550	198.61	1976.0	108.4
17.5	57.4	96.070	204.93	1404.0	77.0
20.0	65.6	98.780	209.80	1084.0	59.5
20.5	67.2	98.970	210.15	380.0	20.9

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, OREGON

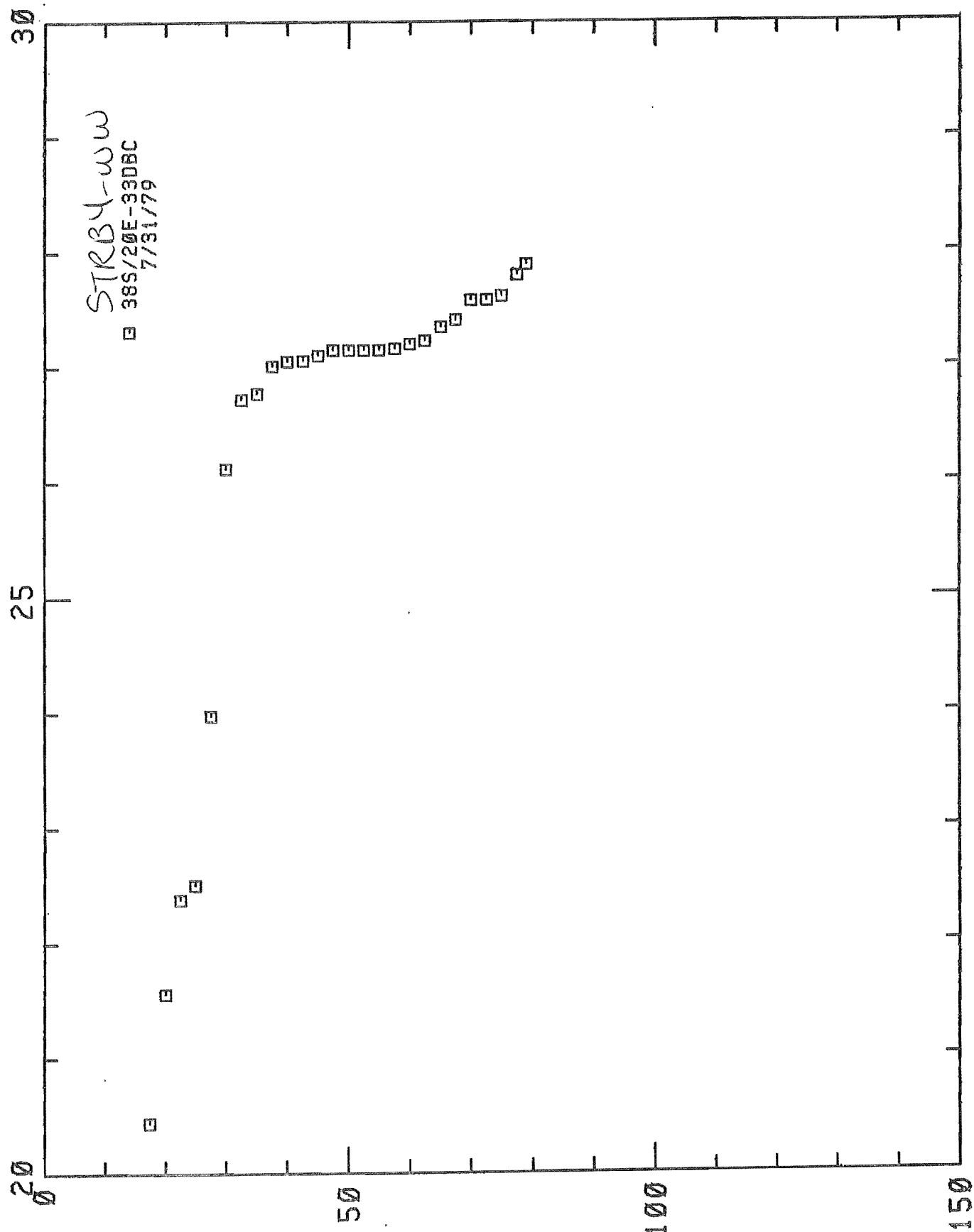
38S/20E-33DBC

HOLE NAME: STRBY-LW

DATE MEASURED: 7/31/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
17.5	57.4	20.440	68.79	0.0	0.0
20.0	65.6	21.560	70.81	448.0	24.6
22.5	73.8	22.380	72.28	328.0	18.0
25.0	82.0	22.510	72.52	52.0	2.9
27.5	90.2	23.980	75.16	588.0	32.3
30.0	98.4	26.120	79.02	856.0	47.0
32.5	106.6	26.720	80.10	240.0	13.2
35.0	114.8	26.770	80.19	20.0	1.1
37.5	123.0	27.010	80.62	96.0	5.3
40.0	131.2	27.050	80.69	16.0	0.9
42.5	139.4	27.060	80.71	4.0	0.2
45.0	147.6	27.100	80.78	16.0	0.9
47.5	155.8	27.150	80.87	20.0	1.1
50.0	164.0	27.150	80.87	0.0	0.0
52.5	172.2	27.150	80.87	0.0	0.0
55.0	180.4	27.150	80.87	0.0	0.0
57.5	188.6	27.160	80.89	4.0	0.2
60.0	196.8	27.200	80.96	16.0	0.9
62.5	205.0	27.230	81.01	12.0	0.7
65.0	213.2	27.350	81.23	48.0	2.6
67.5	221.4	27.410	81.34	24.0	1.3
70.0	229.6	27.580	81.64	68.0	3.7
72.5	237.8	27.580	81.64	0.0	0.0
75.0	246.0	27.620	81.72	16.0	0.9
77.5	254.2	27.800	82.04	72.0	4.0
79.0	259.1	27.890	82.20	60.0	3.3

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, ORE

38S/20E-33DCD

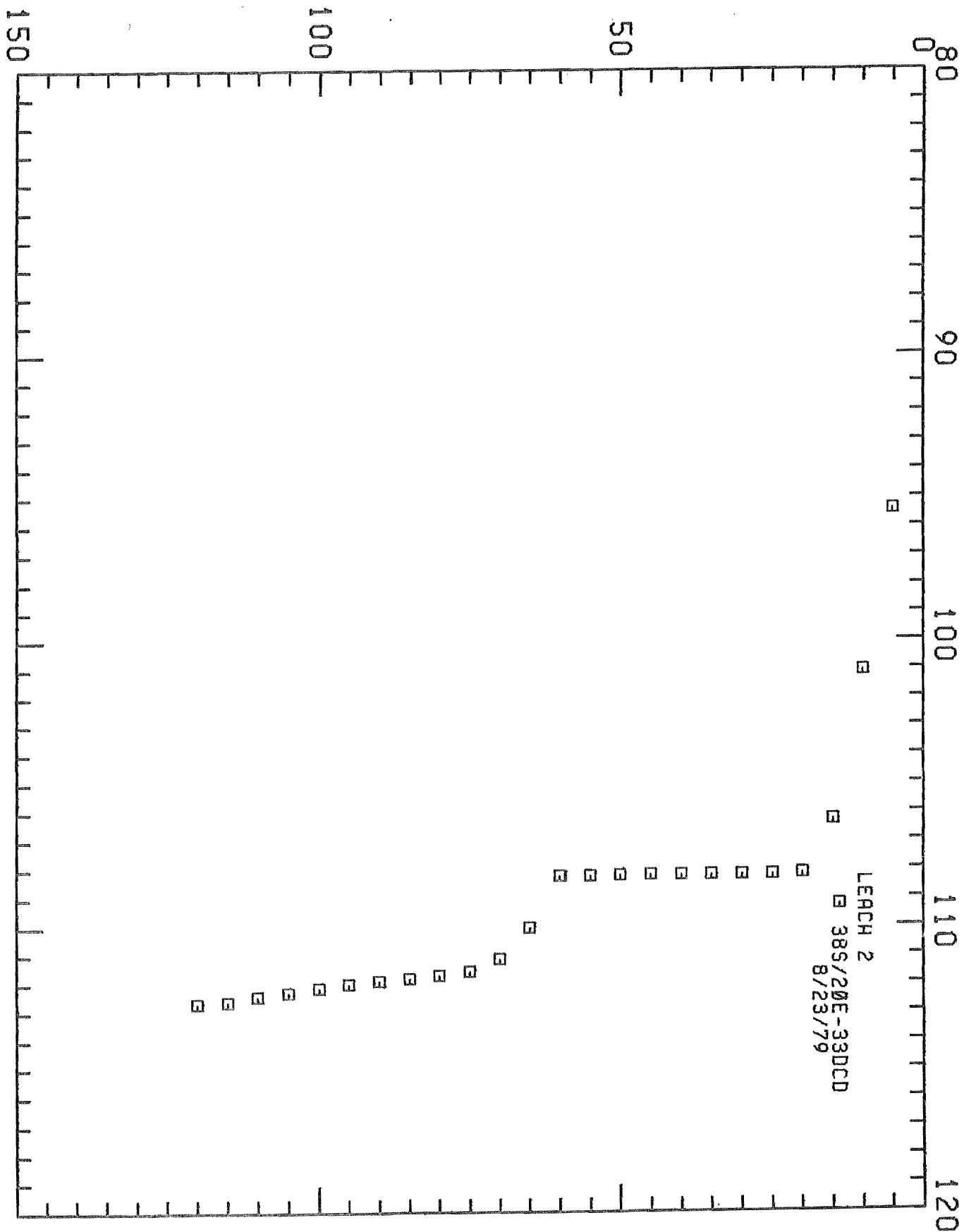
HOLE NAME: LEACH 2

DATE MEASURED: 8/23/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	95.460	203.83	0.0	0.0
10.0	32.8	101.100	213.98	1128.0	61.9
15.0	49.2	106.300	223.34	1040.0	57.1
20.0	65.6	108.170	226.71	374.0	20.5
25.0	82.0	108.200	226.76	6.0	0.3
30.0	98.4	108.200	226.76	0.0	0.0
35.0	114.8	108.210	226.78	2.0	0.1
40.0	131.2	108.210	226.78	0.0	0.0
45.0	147.6	108.210	226.78	0.0	0.0
50.0	164.0	108.210	226.78	0.0	0.0
55.0	180.4	108.230	226.81	4.0	0.2
60.0	196.8	108.220	226.80	-2.0	-0.1
65.0	213.2	110.030	230.05	362.0	19.9
70.0	229.6	111.130	232.03	220.0	12.1
75.0	246.0	111.560	232.81	86.0	4.7
80.0	262.4	111.700	233.06	28.0	1.5
85.0	278.8	111.820	233.28	24.0	1.3
90.0	295.2	111.890	233.40	14.0	0.8
95.0	311.6	112.000	233.60	22.0	1.2
100.0	328.0	112.140	233.85	28.0	1.5
105.0	344.4	112.300	234.14	32.0	1.8
110.0	360.8	112.430	234.37	26.0	1.4
115.0	377.2	112.620	234.72	38.0	2.1
120.0	393.6	112.690	234.84	14.0	0.8

TEMPERATURE, DEG C

DEPTH, METERS



LOCATION: KLAMATH FALLS AMS, OREGON

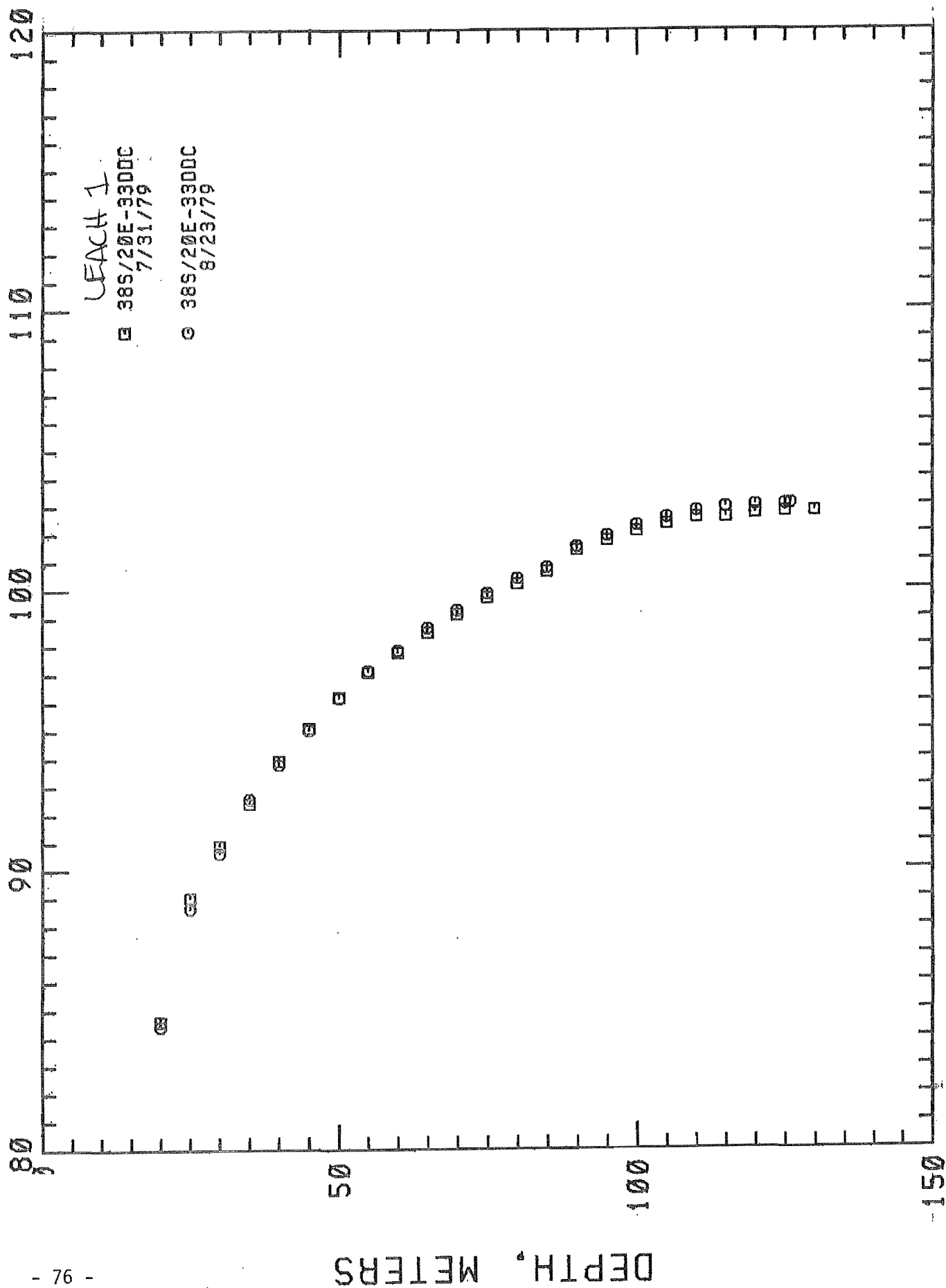
38S/20E-33DDC

HOLE NAME: LEACH 1

DATE MEASURED: 8/23/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
20.0	65.6	84.440	183.99	0.0	0.0
25.0	82.0	88.640	191.55	840.0	46.1
30.0	98.4	90.630	195.13	398.0	21.8
35.0	114.8	92.560	198.61	386.0	21.2
40.0	131.2	93.800	200.84	248.0	13.6
45.0	147.6	95.050	203.09	250.0	13.7
50.0	164.0	96.190	205.14	228.0	12.5
55.0	180.4	97.140	206.85	190.0	10.4
60.0	196.8	97.860	208.15	144.0	7.9
65.0	213.2	98.640	209.55	156.0	8.6
70.0	229.6	99.270	210.69	126.0	6.9
75.0	246.0	99.860	211.75	118.0	6.5
80.0	262.4	100.390	212.70	106.0	5.8
85.0	278.8	100.770	213.39	76.0	4.2
90.0	295.2	101.540	214.77	154.0	8.5
95.0	311.6	101.920	215.46	76.0	4.2
100.0	328.0	102.290	216.12	74.0	4.1
105.0	344.4	102.560	216.61	54.0	3.0
110.0	360.8	102.790	217.02	46.0	2.5
115.0	377.2	102.920	217.26	26.0	1.4
120.0	393.6	102.990	217.38	14.0	0.8
125.0	410.0	103.020	217.44	6.0	0.3
126.0	413.3	103.040	217.47	20.0	1.1

TEMPERATURE, DEGC



LOCATION: KLAMATH FALLS AMS, ORE

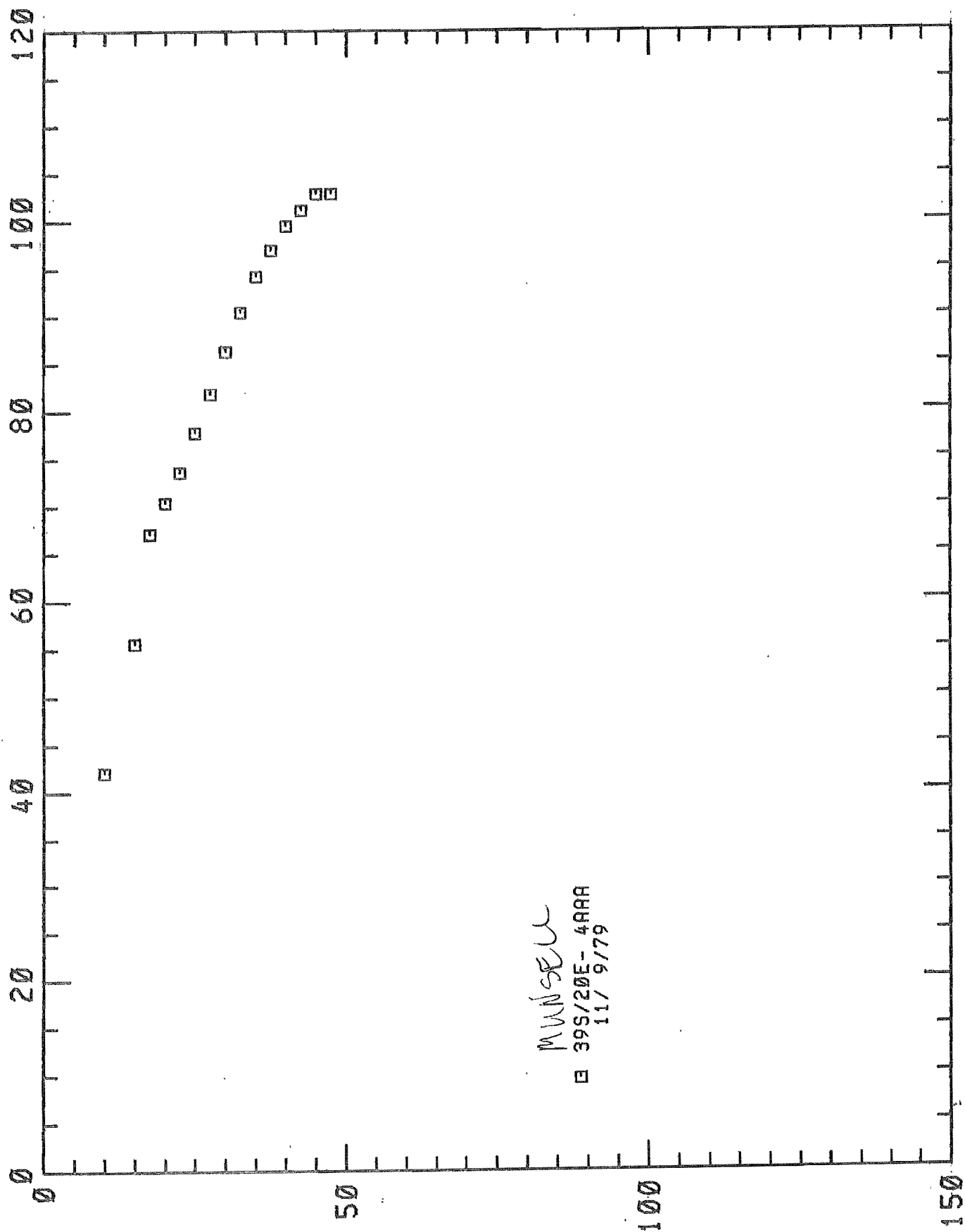
39S/20E- 4AAA

HOLE NAME: MUNSELL

DATE MEASURED: 11/ 9/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
10.0	32.8	42.110	107.80	0.0	0.0
15.0	49.2	55.600	132.08	2698.0	148.1
17.5	57.4	67.130	152.83	4612.0	253.1
20.0	65.6	70.440	158.79	1324.0	72.7
22.5	73.8	73.620	164.52	1272.0	69.8
25.0	82.0	77.840	172.11	1688.0	92.6
27.5	90.2	81.900	179.42	1624.0	89.1
30.0	98.4	86.360	187.45	1784.0	97.9
32.5	106.6	90.430	194.77	1628.0	89.3
35.0	114.8	94.200	201.56	1508.0	82.8
37.5	123.0	96.940	206.49	1096.0	60.1
40.0	131.2	99.500	211.10	1024.0	56.2
42.5	139.4	101.160	214.09	664.0	36.4
45.0	147.6	102.850	217.13	676.0	37.1
47.5	155.8	102.850	217.13	0.0	0.0

TEMPERATURE, DEG C



MUNSELL
39S/20E- 4AAA
11/ 9/79

LOCATION: KLAMATH FALLS AMS. ORE

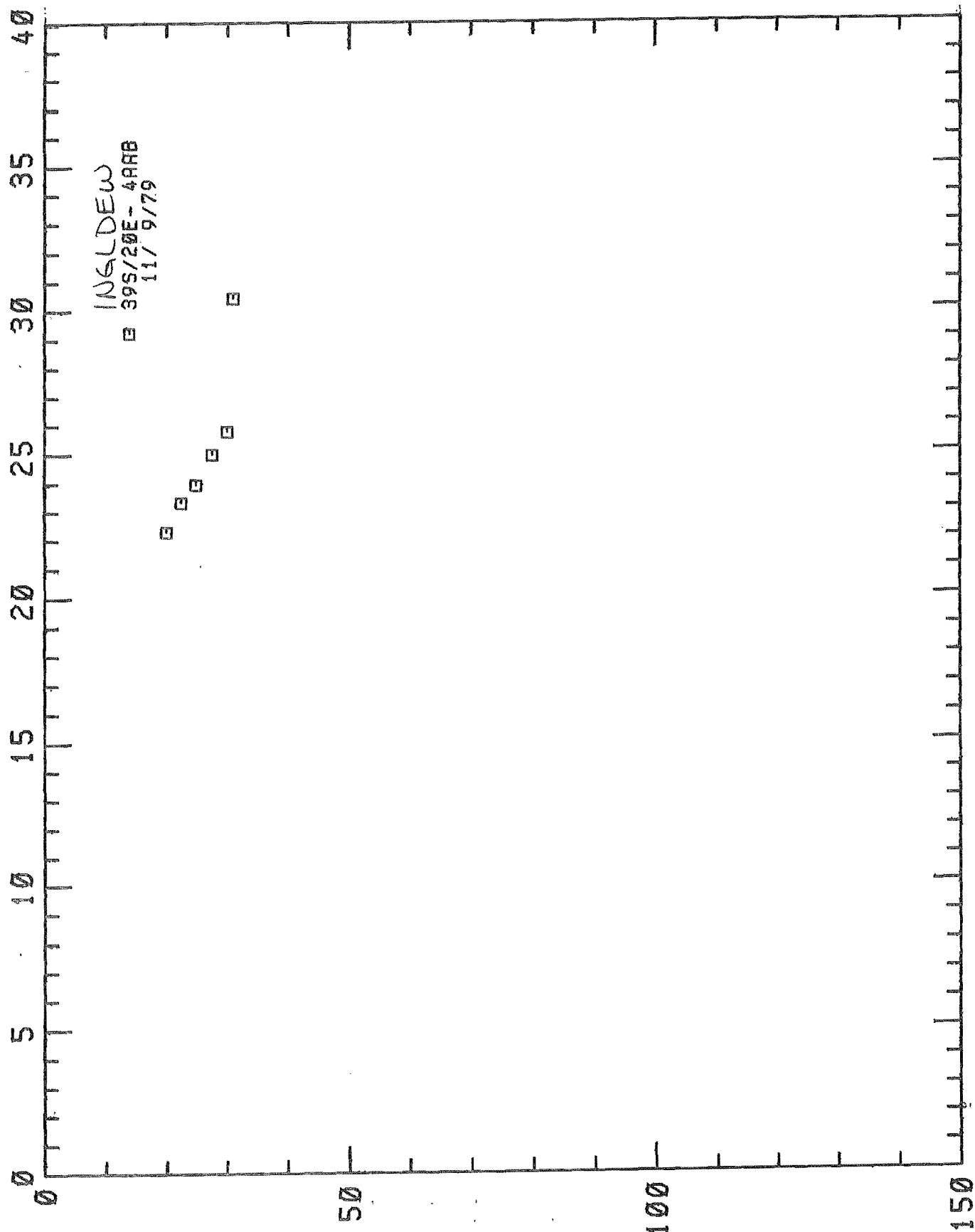
39S/20E- 4AAB

HOLE NAME: INGLDEW

DATE MEASURED: 11/ 9/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
20.0	65.6	22.300	72.14	0.0	0.0
22.5	73.8	23.310	73.96	404.0	22.2
25.0	82.0	23.960	75.13	260.0	14.3
27.5	90.2	25.010	77.02	420.0	23.0
30.0	98.4	25.810	78.46	320.0	17.6
31.0	101.7	30.440	86.79	4630.0	254.1

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, OREGON

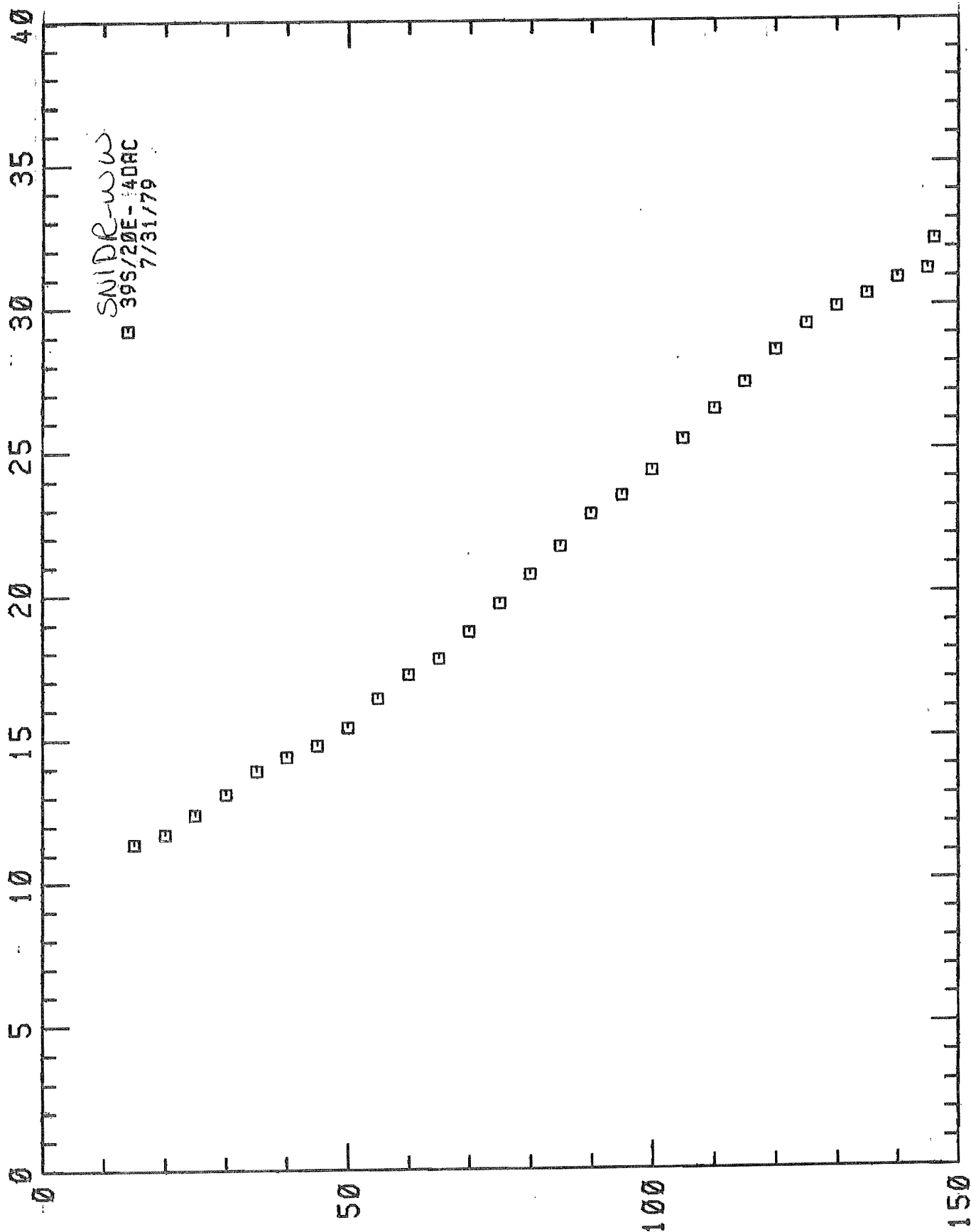
39S/20E- 4DAC

HOLE NAME: SNIDR-WW

DATE MEASURED: 7/31/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
15.0	49.2	11.380	52.48	0.0	0.0
20.0	65.6	11.730	53.11	70.0	3.8
25.0	82.0	12.400	54.32	134.0	7.4
30.0	98.4	13.110	55.60	142.0	7.8
35.0	114.8	13.930	57.07	164.0	9.0
40.0	131.2	14.410	57.94	96.0	5.3
45.0	147.6	14.790	58.62	76.0	4.2
50.0	164.0	15.400	59.72	122.0	6.7
55.0	180.4	16.400	61.52	200.0	11.0
60.0	196.8	17.230	63.01	166.0	9.1
65.0	213.2	17.780	64.00	110.0	6.0
70.0	229.6	18.710	65.68	186.0	10.2
75.0	246.0	19.710	67.48	200.0	11.0
80.0	262.4	20.710	69.28	200.0	11.0
85.0	278.8	21.690	71.04	196.0	10.8
90.0	295.2	22.810	73.06	224.0	12.3
95.0	311.6	23.450	74.21	128.0	7.0
100.0	328.0	24.320	75.78	174.0	9.5
105.0	344.4	25.400	77.72	216.0	11.9
110.0	360.8	26.420	79.56	204.0	11.2
115.0	377.2	27.340	81.21	184.0	10.1
120.0	393.6	28.460	83.23	224.0	12.3
125.0	410.0	29.370	84.87	182.0	10.0
130.0	426.4	29.970	85.95	120.0	6.6
135.0	442.8	30.390	86.70	84.0	4.6
140.0	459.2	30.940	87.69	110.0	6.0
145.0	475.6	31.240	88.23	60.0	3.3
146.0	478.9	32.290	90.12	1050.0	57.6

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, OREGON

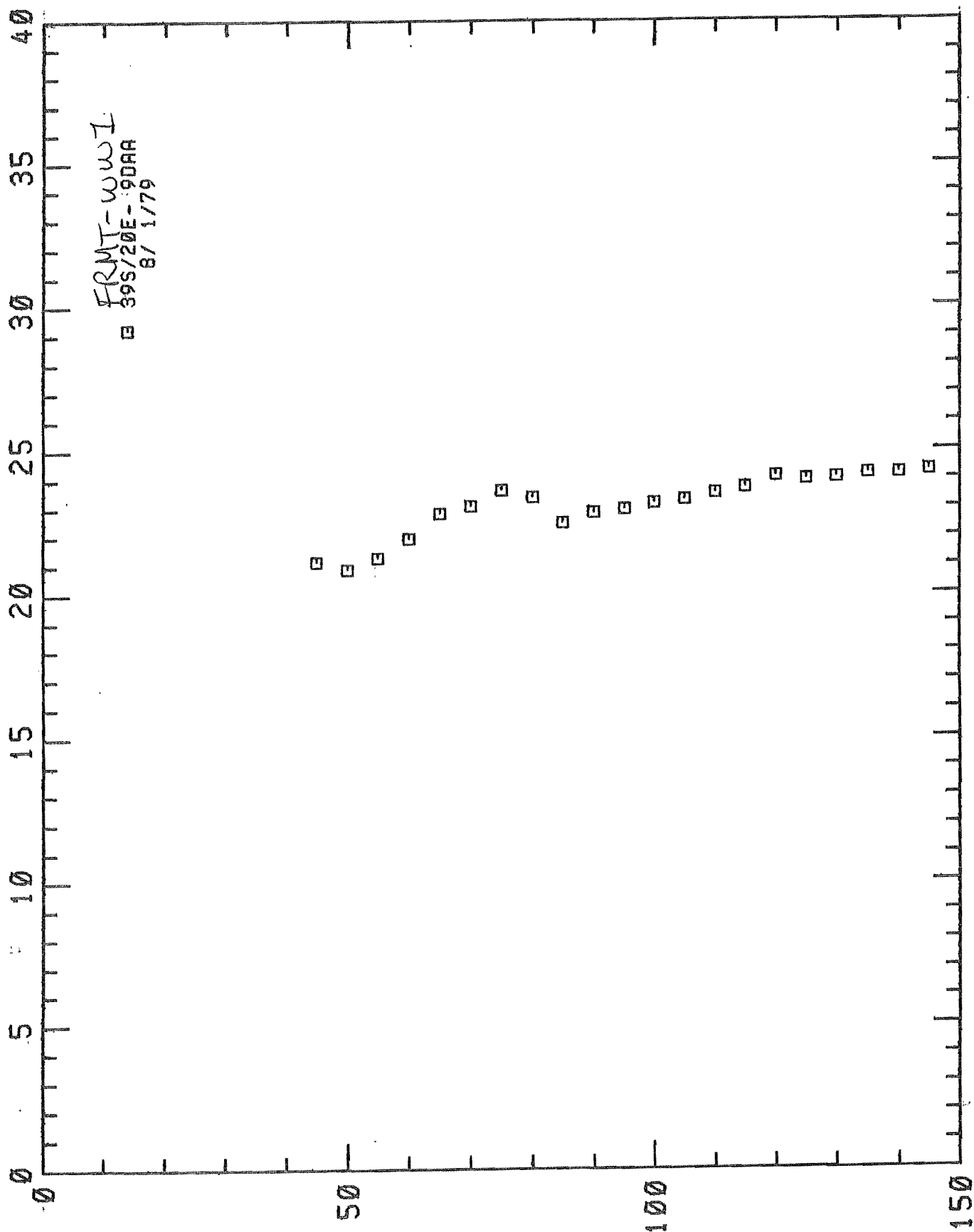
39S/20E- 9DAA

HOLE NAME: FRMT-WW1

DATE MEASURED: 8/ 1/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
45.0	147.6	21.170	70.11	0.0	0.0
50.0	164.0	20.880	69.58	-58.0	-3.2
55.0	180.4	21.310	70.36	86.0	4.7
60.0	196.8	21.970	71.55	132.0	7.2
65.0	213.2	22.840	73.11	174.0	9.5
70.0	229.6	23.090	73.56	50.0	2.7
75.0	246.0	23.640	74.55	110.0	6.0
80.0	262.4	23.390	74.10	-50.0	-2.7
85.0	278.8	22.500	72.50	-178.0	-9.8
90.0	295.2	22.850	73.13	70.0	3.8
95.0	311.6	22.970	73.35	24.0	1.3
100.0	328.0	23.170	73.71	40.0	2.2
105.0	344.4	23.300	73.94	26.0	1.4
110.0	360.8	23.520	74.34	44.0	2.4
115.0	377.2	23.700	74.66	36.0	2.0
120.0	393.6	24.080	75.34	76.0	4.2
125.0	410.0	23.980	75.16	-20.0	-1.1
130.0	426.4	24.040	75.27	12.0	0.7
135.0	442.8	24.190	75.54	30.0	1.6
140.0	459.2	24.180	75.52	-2.0	-0.1
145.0	475.6	24.270	75.69	18.0	1.0

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, ORE

39S/20E-15ABD

HOLE NAME: LKUWSMP

DATE MEASURED: 11/15/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
30.0	98.4	16.230	61.21	0.0	0.0
35.0	114.8	16.410	61.54	36.0	20.0
40.0	131.2	16.870	62.37	92.0	50.0
45.0	147.6	17.080	62.74	42.0	20.0
50.0	164.0	17.440	63.39	72.0	40.0
55.0	180.4	17.740	63.93	60.0	30.0
60.0	196.8	18.010	64.42	54.0	20.0
65.0	213.2	18.190	64.74	36.0	10.0
70.0	229.6	18.910	66.04	144.0	70.0
75.0	246.0	21.530	70.75	524.0	280.0
80.0	262.4	22.700	72.86	234.0	120.0
85.0	278.8	23.720	74.70	204.0	110.0
90.0	295.2	24.600	76.28	176.0	90.0
95.0	311.6	25.380	77.68	156.0	80.0
100.0	328.0	25.930	78.67	110.0	60.0
105.0	344.4	26.300	79.34	74.0	40.0
110.0	360.8	27.050	80.69	150.0	80.0
115.0	377.2	27.870	82.17	164.0	90.0
120.0	393.6	28.500	83.30	126.0	60.0
125.0	410.0	29.050	84.29	110.0	50.0
130.0	426.4	29.740	85.53	138.0	70.0
135.0	442.8	30.160	86.29	84.0	40.0
140.0	459.2	30.660	87.19	100.0	50.0
145.0	475.6	30.700	87.26	8.0	0.0
150.0	492.0	31.160	88.09	92.0	50.0
155.0	508.4	31.700	89.06	108.0	60.0
160.0	524.8	32.140	89.85	88.0	40.0
165.0	541.2	32.710	90.88	114.0	60.0
170.0	557.6	33.290	91.92	116.0	60.0
175.0	574.0	33.620	92.52	66.0	30.0
180.0	590.4	34.030	93.25	82.0	40.0
185.0	606.8	34.730	94.51	140.0	70.0
190.0	623.2	35.460	95.83	146.0	80.0
195.0	639.6	36.200	97.16	148.0	80.0
200.0	656.0	37.190	98.94	198.0	100.0
205.0	672.4	38.380	101.08	238.0	130.0
210.0	688.8	39.410	102.94	206.0	110.0
215.0	705.2	39.810	103.66	80.0	40.0
220.0	721.6	40.080	104.14	54.0	30.0
225.0	738.0	40.640	105.15	112.0	60.0
230.0	754.4	41.180	106.12	108.0	50.0

LOCATION: KLAMATH FALLS AMS, ORE

PAGE 2

395/20E-15ABD

HOLE NAME: LKUWSWMP

DATE MEASURED: 11/15/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
235.0	770.8	41.820	107.28	128.0	7.0
240.0	787.2	42.410	108.34	118.0	6.5
245.0	803.6	42.560	108.61	30.0	1.6
250.0	820.0	42.730	108.91	34.0	1.9
255.0	836.4	42.940	109.29	42.0	2.3
260.0	852.8	43.130	109.63	38.0	2.1
265.0	869.2	43.240	109.83	22.0	1.2
270.0	885.6	43.470	110.25	46.0	2.5
275.0	902.0	43.590	110.46	24.0	1.3
280.0	918.4	43.750	110.75	32.0	1.8
285.0	934.8	43.880	110.98	26.0	1.4
290.0	951.2	43.990	111.18	22.0	1.2
295.0	967.6	44.110	111.40	24.0	1.3
300.0	984.0	44.210	111.58	20.0	1.1
305.0	1000.4	44.390	111.90	36.0	2.0
310.0	1016.8	44.460	112.03	14.0	0.8
315.0	1033.2	44.530	112.15	14.0	0.8
320.0	1049.6	44.610	112.30	16.0	0.9
325.0	1066.0	44.640	112.35	6.0	0.3
330.0	1082.4	44.690	112.44	10.0	0.5
335.0	1098.8	44.730	112.51	8.0	0.4
340.0	1115.2	44.780	112.60	10.0	0.5
345.0	1131.6	44.810	112.66	6.0	0.3
350.0	1148.0	44.850	112.73	8.0	0.4
355.0	1164.4	44.900	112.82	10.0	0.5
360.0	1180.8	44.930	112.87	6.0	0.3
365.0	1197.2	45.010	113.02	16.0	0.9
370.0	1213.6	45.110	113.20	20.0	1.1
375.0	1230.0	45.340	113.61	46.0	2.5
380.0	1246.4	45.320	113.58	-4.0	-0.2
385.0	1262.8	45.930	114.67	122.0	6.7
390.0	1279.2	46.870	116.37	188.0	10.3
395.0	1295.6	47.800	118.04	186.0	10.2
400.0	1312.0	48.660	119.59	172.0	9.4
405.0	1328.4	49.390	120.90	146.0	8.0
410.0	1344.8	50.060	122.11	134.0	7.4
415.0	1361.2	50.690	123.24	126.0	6.9
420.0	1377.6	51.280	124.30	118.0	6.5
425.0	1394.0	51.850	125.33	114.0	6.3
430.0	1410.4	52.360	126.25	102.0	5.6
435.0	1426.8	52.870	127.17	102.0	5.6

LOCATION: KLAMATH FALLS AMS, ORE

PAGE 3

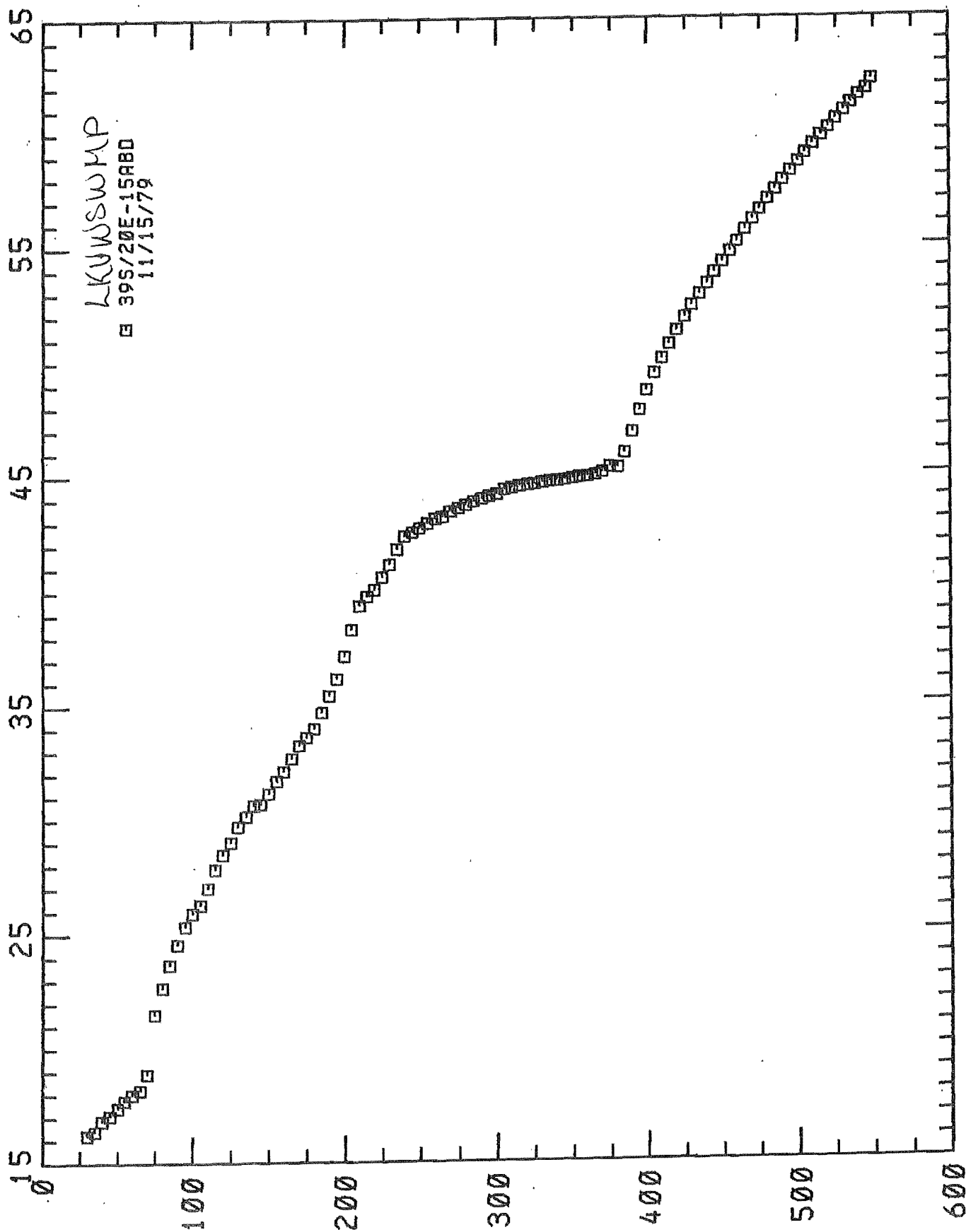
39S/20E-15ABD

HOLE NAME: LKUWSMP

DATE MEASURED: 11/15/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
440.0	1443.2	53.310	127.96	88.0	4.8
445.0	1459.6	53.790	128.82	96.0	5.3
450.0	1476.0	54.250	129.65	92.0	5.0
455.0	1492.4	54.710	130.48	92.0	5.0
460.0	1508.8	55.150	131.27	88.0	4.8
465.0	1525.2	55.650	132.17	100.0	5.5
470.0	1541.6	56.100	132.98	90.0	4.9
475.0	1558.0	56.540	133.77	88.0	4.8
480.0	1574.4	56.990	134.58	90.0	4.9
485.0	1590.8	57.390	135.30	80.0	4.4
490.0	1607.2	57.830	136.09	88.0	4.8
495.0	1623.6	58.220	136.80	78.0	4.3
500.0	1640.0	58.620	137.52	80.0	4.4
505.0	1656.4	58.990	138.18	74.0	4.1
510.0	1672.8	59.390	138.90	80.0	4.4
515.0	1689.2	59.780	139.60	78.0	4.3
520.0	1705.6	60.110	140.20	66.0	3.6
525.0	1722.0	60.490	140.88	76.0	4.2
530.0	1738.4	60.850	141.53	72.0	4.0
535.0	1754.8	61.210	142.18	72.0	4.0
540.0	1771.2	61.540	142.77	66.0	3.6
545.0	1787.6	61.800	143.24	52.0	2.9
548.5	1799.1	62.220	144.00	120.0	6.6

TEMPERATURE, DEG C



LOCATION: KLAMATH FALLS AMS, OREGON

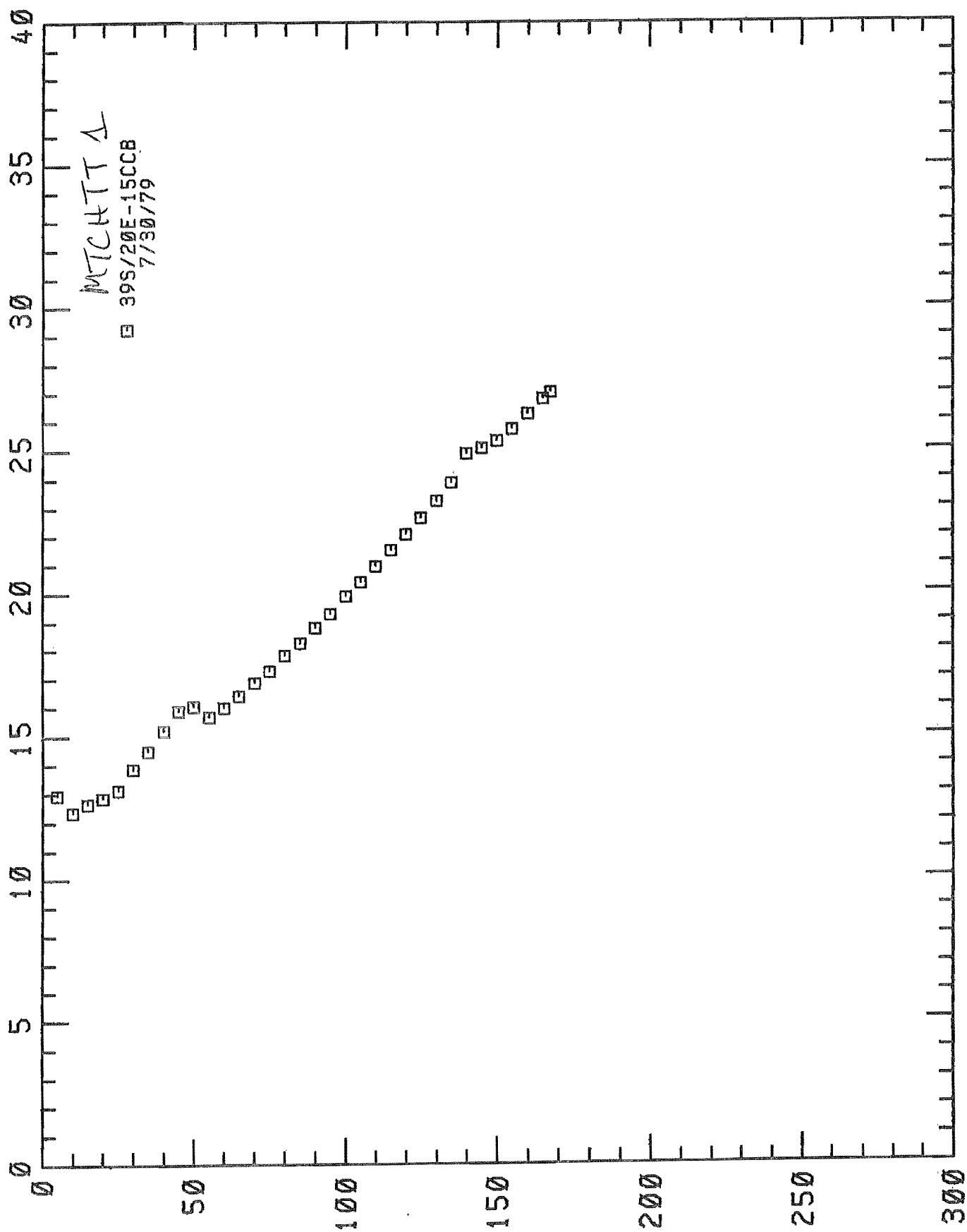
39S/20E-15CCB

HOLE NAME: MTCHT 1

DATE MEASURED: 7/30/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100. FT
5.0	16.4	12.960	55.33	0.0	0.0
10.0	32.8	12.370	54.27	-118.0	-6.5
15.0	49.2	12.660	54.79	58.0	3.2
20.0	65.6	12.860	55.15	40.0	2.2
25.0	82.0	13.140	55.65	56.0	3.1
30.0	98.4	13.870	56.97	146.0	8.0
35.0	114.8	14.480	58.06	122.0	6.7
40.0	131.2	15.190	59.34	142.0	7.8
45.0	147.6	15.880	60.58	138.0	7.6
50.0	164.0	16.040	60.87	32.0	1.8
55.0	180.4	15.680	60.22	-72.0	-4.0
60.0	196.8	16.010	60.82	66.0	3.6
65.0	213.2	16.420	61.56	82.0	4.5
70.0	229.6	16.870	62.37	90.0	4.9
75.0	246.0	17.270	63.09	80.0	4.4
80.0	262.4	17.830	64.09	112.0	6.1
85.0	278.8	18.270	64.89	88.0	4.8
90.0	295.2	18.820	65.88	110.0	6.0
95.0	311.6	19.300	66.74	96.0	5.3
100.0	328.0	19.900	67.82	120.0	6.6
105.0	344.4	20.400	68.72	100.0	5.5
110.0	360.8	20.960	69.73	112.0	6.1
115.0	377.2	21.520	70.74	112.0	6.1
120.0	393.6	22.070	71.73	110.0	6.0
125.0	410.0	22.660	72.79	118.0	6.5
130.0	426.4	23.250	73.85	118.0	6.5
135.0	442.8	23.890	75.00	128.0	7.0
140.0	459.2	24.890	76.80	200.0	11.0
145.0	475.6	25.070	77.13	36.0	2.0
150.0	492.0	25.320	77.58	50.0	2.7
155.0	508.4	25.730	78.31	82.0	4.5
160.0	524.8	26.260	79.27	106.0	5.8
165.0	541.2	26.790	80.22	106.0	5.8
167.5	549.4	27.020	80.64	92.0	5.0

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, OREGON

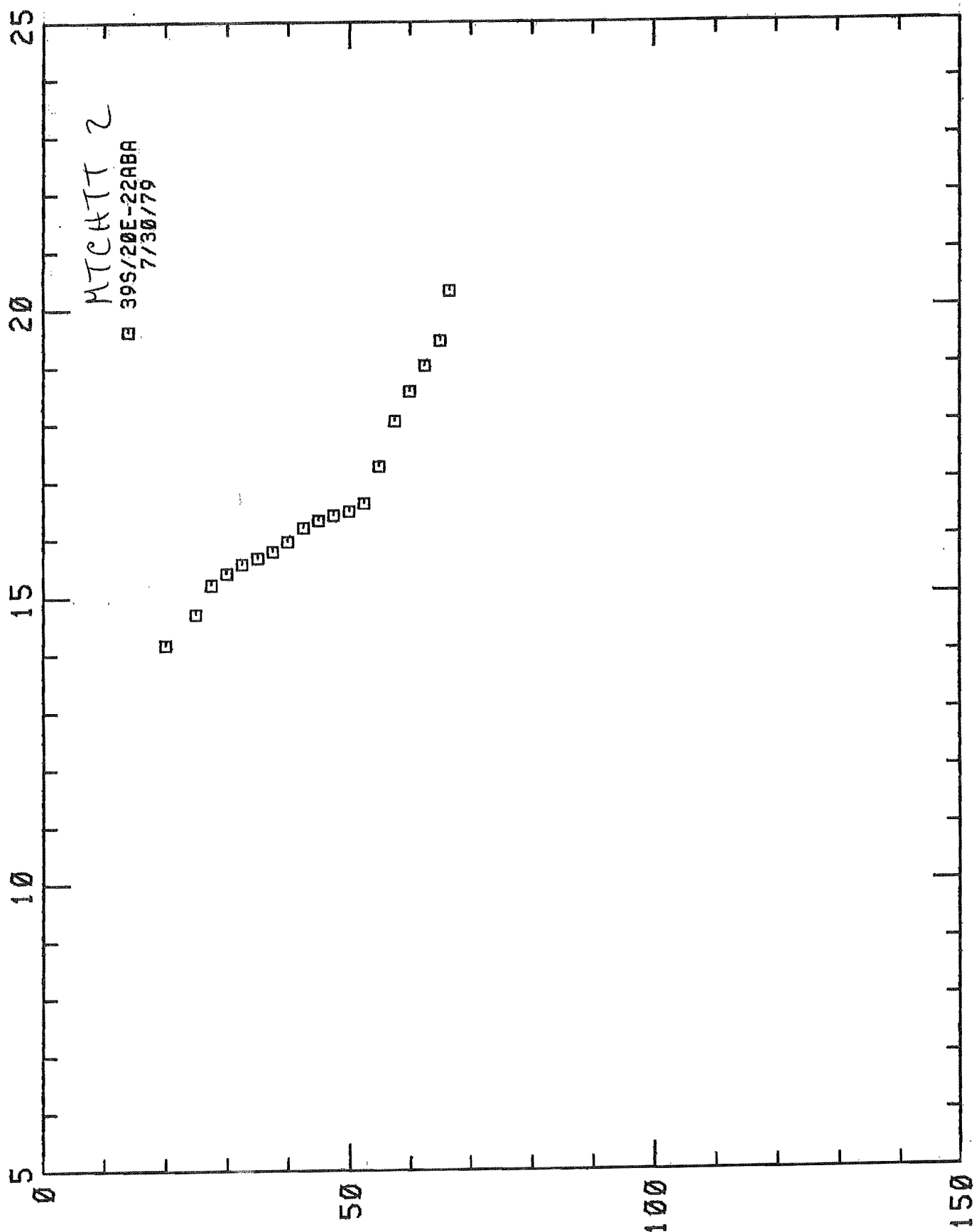
39S/20E-22ABA

HOLE NAME: MTCHTT 2

DATE MEASURED: 7/30/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
20.0	65.6	14.180	57.52	0.0	0.0
25.0	82.0	14.710	58.48	106.0	5.8
27.5	90.2	15.220	59.40	204.0	11.2
30.0	98.4	15.410	59.74	76.0	4.2
32.5	106.6	15.570	60.03	64.0	3.5
35.0	114.8	15.670	60.21	40.0	2.2
37.5	123.0	15.790	60.42	48.0	2.6
40.0	131.2	15.960	60.73	68.0	3.7
42.5	139.4	16.200	61.16	96.0	5.3
45.0	147.6	16.330	61.39	52.0	2.9
47.5	155.8	16.420	61.56	36.0	2.0
50.0	164.0	16.490	61.68	28.0	1.5
52.5	172.2	16.620	61.92	52.0	2.9
55.0	180.4	17.260	63.07	256.0	14.0
57.5	188.6	18.050	64.49	316.0	17.3
60.0	196.8	18.570	65.43	208.0	11.4
62.5	205.0	19.010	66.22	176.0	9.7
65.0	213.2	19.450	67.01	176.0	9.7
66.5	218.1	20.310	68.56	573.3	31.5

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, ORE

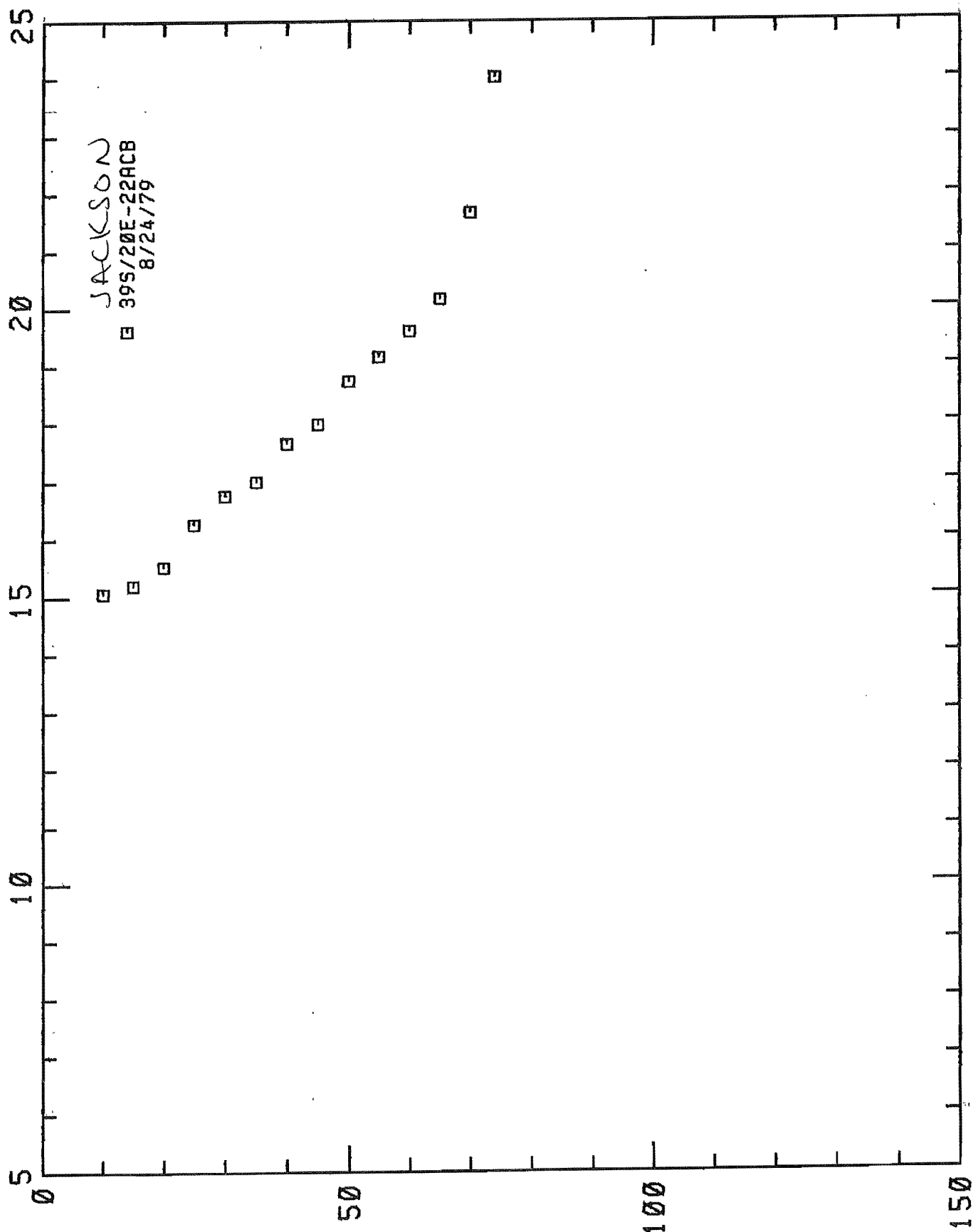
39S/20E-22ACB

HOLE NAME: JACKSON

DATE MEASURED: 8/24/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
10.0	32.8	15.070	59.13	0.0	0.0
15.0	49.2	15.200	59.36	26.0	1.4
20.0	65.6	15.540	59.97	68.0	3.7
25.0	82.0	16.280	61.30	148.0	8.1
30.0	98.4	16.770	62.19	98.0	5.4
35.0	114.8	17.010	62.62	48.0	2.6
40.0	131.2	17.660	63.79	130.0	7.1
45.0	147.6	17.990	64.38	66.0	3.6
50.0	164.0	18.740	65.73	150.0	8.2
55.0	180.4	19.160	66.49	84.0	4.6
60.0	196.8	19.600	67.28	88.0	4.8
65.0	213.2	20.170	68.31	114.0	6.3
70.0	229.6	21.670	71.01	300.0	16.5
74.0	242.7	24.020	75.24	587.5	32.2

TEMPERATURE, DEG C



DEPTH, METERS

LOCATION: KLAMATH FALLS AMS, ORE

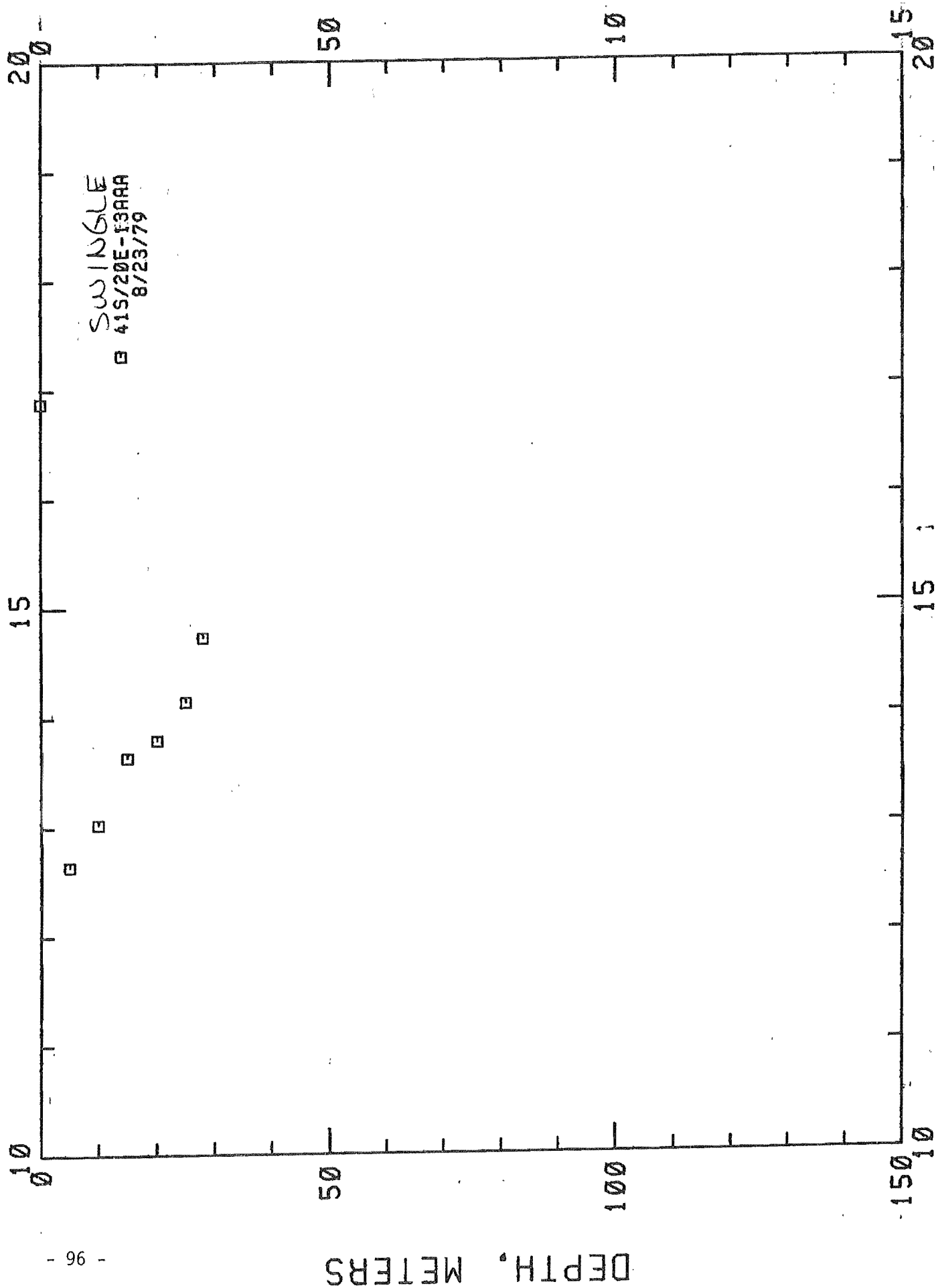
41S/20E-13AAA

HOLE NAME: SWINGLE

DATE MEASURED: 8/23/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
0.0	0.0	16.880	62.38	0.0	0.0
5.0	16.4	12.640	54.75	-848.0	-46.5
10.0	32.8	13.030	55.45	78.0	4.3
15.0	49.2	13.640	56.55	122.0	6.7
20.0	65.6	13.800	56.84	32.0	1.8
25.0	82.0	14.150	57.47	70.0	3.8
28.0	91.8	14.730	58.51	193.3	10.6

TEMPERATURE, DEG C



LOCATION: KLAMATH FALLS AMS, ORE

41S/21E-18CBC

HOLE NAME: GILMORE

DATE MEASURED: 8/23/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
5.0	16.4	20.690	69.24	0.0	0.0
10.0	32.8	10.790	51.42	-1980.0	-108.7
15.0	49.2	11.110	52.00	64.0	3.5
20.0	65.6	11.200	52.16	18.0	1.0
25.0	82.0	11.400	52.52	40.0	2.2
30.0	98.4	11.730	53.11	66.0	3.6
35.0	114.8	12.100	53.78	74.0	4.1
40.0	131.2	12.780	55.00	136.0	7.5
45.0	147.6	12.980	55.36	40.0	2.2
50.0	164.0	13.530	56.35	110.0	6.0
55.0	180.4	14.400	57.92	174.0	9.5
60.0	196.8	14.610	58.30	42.0	2.3
65.0	213.2	14.850	58.73	48.0	2.6
70.0	229.6	15.420	59.76	114.0	6.3
73.0	239.4	15.930	60.67	170.0	9.3

TEMPERATURE, DEG. C

