

# FIRST LOG

LOCATION: BEND AMS, OREGON  
 13S/ 7E-32DC  
 HOLE NUMBER: EWJB-CL  
 DATE MEASURED: 8/10/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
25.0	82.0	9.780	49.60	0.0	0.0
30.0	98.4	10.380	50.68	120.0	6.6
35.0	114.8	10.820	51.48	88.0	4.8
40.0	131.2	10.700	51.26	-24.0	-1.3
45.0	147.6	11.020	51.84	64.0	3.5
50.0	164.0	12.050	53.69	206.0	11.3
55.0	180.4	12.360	54.25	62.0	3.4
60.0	196.8	12.390	54.30	6.0	0.3
65.0	213.2	12.570	54.63	36.0	2.0
70.0	229.6	12.740	54.93	34.0	1.9
75.0	246.0	13.150	55.67	82.0	4.5
80.0	262.4	13.420	56.16	54.0	3.0
85.0	278.8	13.740	56.73	64.0	3.5
90.0	295.2	14.140	57.45	80.0	4.4
95.0	311.6	14.620	58.32	96.0	5.3
100.0	328.0	15.090	59.16	94.0	5.2
105.0	344.4	15.490	59.88	80.0	4.4
110.0	360.8	16.070	60.93	116.0	6.4
115.0	377.2	16.460	61.66	62.0	4.5
120.0	393.6	16.890	62.40	82.0	4.5
125.0	410.0	17.500	63.50	122.0	6.7
130.0	426.4	18.040	64.47	108.0	5.9
135.0	442.8	18.350	65.03	62.0	3.4
140.0	459.2	18.710	65.68	72.0	4.0
145.0	475.6	18.810	65.86	20.0	1.1
150.0	492.0	18.940	66.09	26.0	1.4
155.0	508.4	19.110	66.40	34.0	1.9
160.0	524.8	19.500	67.10	78.0	4.3
165.0	541.2	19.940	67.89	88.0	4.8
170.0	557.6	20.210	68.38	54.0	3.0
175.0	574.0	20.620	69.12	82.0	4.5
180.0	590.4	21.120	70.02	100.0	5.5
185.0	606.8	21.590	70.86	94.0	5.2
190.0	623.2	21.790	71.22	40.0	2.2
195.0	639.6	21.930	71.47	28.0	1.5
200.0	656.0	22.260	72.07	66.0	3.6
205.0	672.4	22.920	73.26	132.0	7.2
210.0	688.8	23.110	73.60	38.0	2.1
215.0	705.2	23.180	73.72	14.0	0.8

LOCATION: BEND AMS, OREGON  
 139/ 7E-32DC  
 HOLE NUMBER: EWEB-CL  
 DATE MEASURED: 8/10/79

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DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
220.0	721.6	23.210	73.78	6.0	0.3
225.0	738.0	23.260	73.87	10.0	0.5
230.0	754.4	23.410	74.14	30.0	1.6
235.0	770.8	23.500	74.30	18.0	1.0
240.0	787.2	23.410	74.14	-18.0	-1.0
245.0	803.6	23.490	74.28	16.0	0.9
250.0	820.0	23.480	74.26	-2.0	-0.1
255.0	836.4	23.490	74.28	2.0	0.1
260.0	852.8	23.480	74.26	-2.0	-0.1
265.0	869.2	23.500	74.30	4.0	0.2
270.0	885.6	23.480	74.26	-4.0	-0.2
275.0	902.0	23.380	74.08	-20.0	-1.1
280.0	918.4	23.360	74.05	-4.0	-0.2
285.0	934.8	23.400	74.12	8.0	0.4
290.0	951.2	23.390	74.10	-2.0	-0.1
295.0	967.6	23.370	74.07	-4.0	-0.2
300.0	984.0	23.370	74.07	0.0	0.0
305.0	1000.4	23.350	74.03	-4.0	-0.2
310.0	1016.8	23.340	74.01	-2.0	-0.1
315.0	1033.2	23.250	73.85	-18.0	-1.0
320.0	1049.6	23.240	73.83	-2.0	-0.1
325.0	1066.0	23.250	73.85	2.0	0.1
330.0	1082.4	23.240	73.83	-2.0	-0.1
335.0	1098.8	23.100	73.58	-28.0	-1.5
340.0	1115.2	23.030	73.45	-14.0	-0.8
345.0	1131.6	23.020	73.44	-2.0	-0.1
350.0	1148.0	23.050	73.49	6.0	0.3
355.0	1164.4	23.080	73.54	6.0	0.3
360.0	1180.8	23.070	73.53	-2.0	-0.1
365.0	1197.2	22.960	73.33	-22.0	-1.2
370.0	1213.6	23.010	73.42	10.0	0.5
375.0	1230.0	22.980	73.36	-6.0	-0.3
380.0	1246.4	22.980	73.36	0.0	0.0
385.0	1262.8	22.940	73.29	-8.0	-0.4
390.0	1279.2	22.920	73.26	-4.0	-0.2
395.0	1295.6	22.750	72.95	-34.0	-1.9
400.0	1312.0	22.750	72.95	0.0	0.0
405.0	1328.4	22.760	72.97	2.0	0.1
410.0	1344.8	22.800	73.04	8.0	0.4

LOCATION: BEND AMS, OREGON  
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 HOLE NUMBER: JWEB-CL  
 DATE MEASURED: 8/10/79

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DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
415.0	1361.2	22.750	72.95	-10.0	-0.5
420.0	1377.6	22.690	72.84	-12.0	-0.7
425.0	1394.0	22.700	72.86	2.0	0.1
430.0	1410.4	22.710	72.88	2.0	0.1
435.0	1426.8	22.710	72.88	0.0	0.0
440.0	1443.2	22.710	72.88	0.0	0.0
445.0	1459.6	22.720	72.90	2.0	0.1
450.0	1476.0	22.750	72.95	6.0	0.3
455.0	1492.4	22.760	72.97	2.0	0.1
460.0	1508.8	22.790	73.02	6.0	0.3
465.0	1525.2	22.810	73.06	4.0	0.2
470.0	1541.6	22.880	73.18	14.0	0.8
475.0	1558.0	22.900	73.22	4.0	0.2
480.0	1574.4	22.980	73.36	16.0	0.9
485.0	1590.8	23.010	73.42	6.0	0.3
490.0	1607.2	23.020	73.44	2.0	0.1
495.0	1623.6	23.130	73.63	22.0	1.2
500.0	1640.0	23.270	73.89	28.0	1.5
505.0	1656.4	23.340	74.01	14.0	0.8
510.0	1672.8	23.420	74.16	16.0	0.9
515.0	1689.2	23.550	74.41	28.0	1.5
520.0	1705.6	23.680	74.62	24.0	1.3
525.0	1722.0	23.790	74.82	22.0	1.2
530.0	1738.4	23.940	75.09	30.0	1.6
535.0	1754.8	24.080	75.34	28.0	1.5
540.0	1771.2	24.240	75.63	32.0	1.8
545.0	1787.6	24.370	75.87	26.0	1.4
550.0	1804.0	24.440	75.99	14.0	0.8
555.0	1820.4	24.530	76.15	18.0	1.0
557.0	1827.0	24.730	76.51	100.0	5.5

RELOG

LOCATION: BEND AMS, OREGON  
 135/ 7E-32DC  
 HOLE NUMBER: EWEB-CL  
 DATE MEASURED: 9/ 5/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
35.0	114.8	6.880	44.38	0.0	0.0
40.0	131.2	7.120	44.82	48.0	2.6
45.0	147.6	7.290	45.12	34.0	1.9
50.0	164.0	7.620	45.72	66.0	3.6
55.0	180.4	8.230	46.81	122.0	6.7
60.0	196.8	8.770	47.79	108.0	5.9
65.0	213.2	9.350	48.83	116.0	6.4
70.0	229.6	9.850	49.73	100.0	5.5
75.0	246.0	10.500	50.90	130.0	7.1
80.0	262.4	11.150	52.07	130.0	7.1
85.0	278.8	11.610	52.90	92.0	5.0
90.0	295.2	12.210	53.98	120.0	6.6
95.0	311.6	12.910	55.24	140.0	7.7
100.0	328.0	13.550	56.39	128.0	7.0
105.0	344.4	14.210	57.58	132.0	7.2
110.0	360.8	14.910	58.84	140.0	7.7
115.0	377.2	15.490	59.88	116.0	6.4
120.0	393.6	16.040	60.87	110.0	6.0
125.0	410.0	16.550	61.79	102.0	5.6
130.0	426.4	17.060	62.71	102.0	5.6
135.0	442.8	17.570	63.63	102.0	5.6
140.0	459.2	18.110	64.60	108.0	5.9
145.0	475.6	18.560	65.41	90.0	4.9
150.0	492.0	18.960	66.13	80.0	4.4
155.0	508.4	19.500	67.10	108.0	5.9
160.0	524.8	20.100	68.18	120.0	6.6
165.0	541.2	20.620	69.12	104.0	5.7
170.0	557.6	21.240	70.23	124.0	6.8
175.0	574.0	21.820	71.28	116.0	6.4
180.0	590.4	22.160	71.89	68.0	3.7
185.0	606.8	22.750	72.95	118.0	6.5
190.0	623.2	23.110	73.60	72.0	4.0
195.0	639.6	23.610	74.50	100.0	5.5
200.0	656.0	24.220	75.60	122.0	6.7
205.0	672.4	24.670	76.41	90.0	4.9
210.0	688.8	24.860	76.75	38.0	2.1
215.0	705.2	24.940	76.89	16.0	0.9
220.0	721.6	24.950	76.91	2.0	0.1
225.0	738.0	24.960	76.93	2.0	0.1

LOCATION: BEND AMS, OREGON  
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 HOLE NUMBER: EWEE-CL  
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DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
230.0	754.4	24.990	76.98	6.0	0.3
235.0	770.8	24.970	76.95	-4.0	-0.2
240.0	787.2	24.850	76.73	-24.0	-1.3
245.0	803.6	24.880	76.78	6.0	0.3
250.0	820.0	24.730	76.51	-30.0	-1.6
255.0	836.4	24.620	76.32	-22.0	-1.2
260.0	852.8	24.590	76.26	-6.0	-0.3
265.0	869.2	24.520	76.14	-14.0	-0.8
270.0	885.6	24.470	76.05	-10.0	-0.5
275.0	902.0	24.400	75.92	-14.0	-0.8
280.0	918.4	24.340	75.81	-12.0	-0.7
285.0	934.8	24.310	75.76	-6.0	-0.3
290.0	951.2	24.270	75.69	-8.0	-0.4
295.0	967.6	24.200	75.56	-14.0	-0.8
300.0	984.0	24.160	75.49	-8.0	-0.4
305.0	1000.4	24.090	75.36	-14.0	-0.8
310.0	1016.8	24.000	75.20	-18.0	-1.0
315.0	1033.2	23.950	75.11	-10.0	-0.5
320.0	1049.6	23.880	74.98	-14.0	-0.8
325.0	1066.0	23.820	74.89	-12.0	-0.7
330.0	1082.4	23.750	74.75	-14.0	-0.8
335.0	1098.8	23.660	74.59	-18.0	-1.0
340.0	1115.2	23.590	74.46	-14.0	-0.8
345.0	1131.6	23.520	74.34	-14.0	-0.8
350.0	1148.0	23.450	74.21	-14.0	-0.8
355.0	1164.4	23.390	74.10	-12.0	-0.7
360.0	1180.8	23.320	73.98	-14.0	-0.8
365.0	1197.2	23.250	73.85	-14.0	-0.8
370.0	1213.6	23.200	73.76	-10.0	-0.5
375.0	1230.0	23.140	73.65	-12.0	-0.7
380.0	1246.4	23.080	73.54	2.4	0.1
385.0	1262.8	23.030	73.45	-1.4	-0.1
390.0	1279.2	22.980	73.36	-10.0	-0.5
395.0	1295.6	22.940	73.29	-8.0	-0.4
400.0	1312.0	22.910	73.24	-6.0	-0.3
405.0	1328.4	22.890	73.20	-4.0	-0.2
410.0	1344.8	22.840	73.11	-10.0	-0.5
415.0	1361.2	22.820	73.08	-4.0	-0.2
420.0	1377.6	22.800	73.04	-4.0	-0.2

LOCATION: BEND AMS, OREGON

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13S/ 7E-32DC

HOLE NUMBER: JWEB-CL

DATE MEASURED: 9/ 5/79

DEPTH METERS	DEPTH FEET	TEMPERATURE		GEOTHERMAL GRADIENT	
		DEG C	DEG F	DEG C/KM	DEG F/100 FT
425.0	1394.0	22.790	73.02	-2.0	-0.1
430.0	1410.4	22.800	73.04	2.0	0.1
435.0	1426.8	22.810	73.06	2.0	0.1
440.0	1443.2	22.820	73.08	2.0	0.1
445.0	1459.6	22.860	73.15	8.0	0.4
450.0	1476.0	22.910	73.24	10.0	0.5
455.0	1492.4	22.960	73.33	10.0	0.5
460.0	1508.8	23.010	73.42	10.0	0.5
465.0	1525.2	23.070	73.53	12.0	0.7
470.0	1541.6	23.140	73.65	14.0	0.8
475.0	1558.0	23.220	73.80	16.0	0.9
480.0	1574.4	23.290	73.92	14.0	0.8
485.0	1590.8	23.390	74.10	20.0	1.1
490.0	1607.2	23.470	74.25	16.0	0.9
495.0	1623.6	23.550	74.39	16.0	0.9
500.0	1640.0	23.640	74.55	18.0	1.0
505.0	1656.4	23.730	74.71	18.0	1.0
510.0	1672.8	23.840	74.91	22.0	1.2
515.0	1689.2	23.940	75.09	20.0	1.1
520.0	1705.6	24.050	75.29	22.0	1.2
525.0	1722.0	24.150	75.47	20.0	1.1
530.0	1738.4	24.260	75.67	22.0	1.2
535.0	1754.8	24.380	75.88	24.0	1.3
540.0	1771.2	24.500	76.10	24.0	1.3
545.0	1787.6	24.610	76.30	22.0	1.2
550.0	1804.0	24.720	76.50	22.0	1.2
555.0	1820.4	24.820	76.68	20.0	1.1
560.0	1836.8	24.880	76.78	12.0	0.7