

TEMPERATURE-DEPTH LOG

Hole Name Federal 1-10 Twp/Rg/Sec / /  
 Company/Owner (address) Halbury Hole No. 235 / 29E - 10 AD  
 Map Drill Depth & Date Zero Elev.   
 Probe, Cable, Bridge Logging truck Operator W. Black  
 Comments  Date Probed Oct. 8, 77

Depth meters	Resistance ohms	Temperature °C	ΔT/Δx °C/km	Comments
10	4203.1	12.30		
15	4206.9	12.55	+ 50	
20	4210.0	12.74	+ 38	
25	4213.5	12.97	+ 46	
30	4215.6	13.10	+ 26	
35	4216.4	13.15	+ 10	
40	4217.4	13.21	+ 12	
45	4221.4	13.47	+ 52	
50	4228.8	13.94	+ 94	
55	4281.2	17.26	+ 664	
60	4267.4	16.38	- 176	
65	4264.7	16.21	- 34	
70	4256.9	15.72	- 98	
75	4257.2	15.74	+ 4	
80	4261.2	15.99	+ 50	
85	4258.9	15.85	- 28	
90	4261.8	16.03	+ 36	
95	4261.3	16.00	- 6	
100	4259.5	15.88	- 24	
125	4256.4	15.69	- 38	

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Depth meters	Resistance ohms	Temperature °C	ΔT/Δx °C/km	Comments
110	4249.7	15.26	- 86	
115	4244.2	14.91	- 70	
120	4241.2	14.72	- 38	
125	4237.5	14.49	- 46	
130	4230.2	14.02	- 94	
135	4229.3	13.97	- 10	
140	4229.4	13.97	0	
145	4230.7	14.06	+ 18	
150	4236.9	14.45	+ 78	
155	4243.7	14.88	+ 86	
160	4245.4	14.99	+ 22	
165	4244.4	14.93	- 12	
170	4243.1	14.84	- 18	
175	4242.4	14.80	- 8	
180	4243.9	14.89	+ 18	
185	4245.3	14.98	+ 18	
190	4245.9	15.02	+ 8	
195	4245.0	14.96	- 12	
200	4244.1	14.91	- 10	
205	4244.4	14.93	+ 4	
210	4245.7	15.01	+ 16	

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Depth meters	Resistance ohms	Temperature °C	ΔT/Δx °C/km	Comments
215	4246.1	15.03	+ 4	
220	4246.8	15.08	+ 10	
225	4247.8	15.14	+ 12	
230	4249.2	15.23	+ 18	
235	4250.2	15.29	+ 12	
240	4250.8	15.33	+ 8	
245	4251.2	15.36	+ 6	
250	4251.7	15.39	+ 6	
255	4251.9	15.40	+ 2	
260	4251.3	15.36	- 8	
265	4251.1	15.35	- 2	
270	4252.4	15.43	+ 16	
275	4252.9	15.46	+ 6	
280	4253.2	15.48	+ 4	
285	4253.2	15.48	0	
290	4252.9	15.46	- 4	
295	4252.8	15.46	0	
300	4253.0	15.47	+ 2	
305	4253.2	15.48	+ 2	
310	4253.0	15.47	- 2	
315	4252.2	15.42	- 10	

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Depth meters	Resistance ohms	Temperature °C	ΔT/Δx °C/km	Comments
320	4251.9	15.40	- 4	
325	4253.3	15.49	+ 18	
330	4254.8	15.59	+ 20	
335	4255.4	15.62	+ 6	
340	4255.9	15.65	+ 6	
345	4256.3	15.68	+ 6	
350	4256.5	15.69	+ 2	
355	4256.5	15.69	0	
360	4255.1	15.60	- 18	
365	4253.1	15.48	- 24	
370	4251.0	15.34	- 28	
375	4249.4	15.24	- 20	
380	4248.4	15.18	- 12	
385	4247.8	15.14	- 8	
390	4247.3	15.11	- 6	
395	4246.8	15.08	- 6	
400	4245.9	15.02	- 12	
402 1/2	4245.5	14.99	- 6	

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