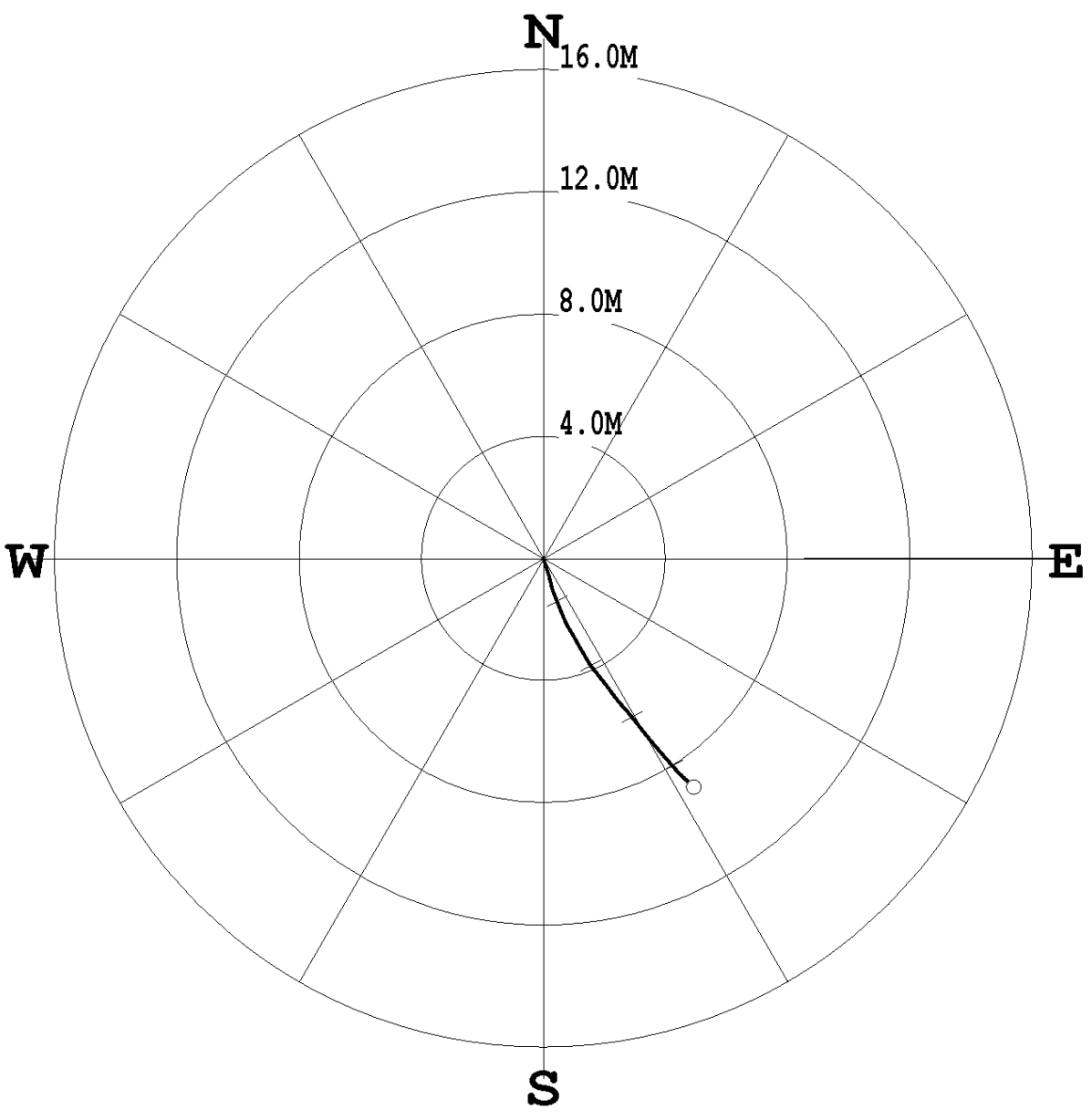
PLAN VIEW
COMPU-LOG DEVIATION

CLIENT: ATRUM COAL
LOCATION: GROUNDHOG
HOLE ID: DHGH-14-16
DATE OF LOG: 06/21/14
PROBE: 9411A 4504



MAG DECL: 19.5

SCALE: 2 M/CM
TRUE DEPTH: 223.74 M
AZIMUTH: 146.7
DISTANCE: 8.9 M
+ = 50 M INCR
○ = BOTTOM OF HOLE



* * * * * * * COMPU-LOG - VERTICAL DEVIATION * * * * * * *

CLIENT : ATRUM COAL
FIELD OFFICE : CENTURY GEO
DATA FROM : N/A
MAG. DECL. : 19.500
LOG: DHGH-14-16_06-21-14_13-47_9411A_005_18.00_223.94_DEVI.log

HOLE ID. : DHGH-14-16
DATE OF LOG : 06/21/14
PROBE : 9411A , 4504
DEPTH UNITS : METERS

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
18.07	18.07	-0.00	0.00	0.0	91.7	2.6	91.7
19.00	19.00	-0.03	0.01	0.0	170.5	2.5	165.5
20.00	20.00	-0.07	0.02	0.1	167.4	2.5	167.5
21.00	21.00	-0.12	0.03	0.1	166.3	2.4	164.3
22.00	22.00	-0.16	0.04	0.2	165.2	2.5	163.9
23.00	23.00	-0.20	0.06	0.2	164.4	2.5	160.9
24.00	23.99	-0.24	0.07	0.2	163.7	2.6	159.9
25.00	24.99	-0.28	0.09	0.3	163.2	2.6	160.3
26.00	25.99	-0.33	0.10	0.3	162.9	2.7	160.5
27.00	26.99	-0.37	0.12	0.4	162.7	2.7	165.4
28.00	27.99	-0.42	0.13	0.4	162.6	2.9	160.5
29.00	28.99	-0.46	0.15	0.5	162.6	2.8	161.1
30.00	29.99	-0.51	0.16	0.5	162.6	2.8	166.9
31.00	30.99	-0.56	0.17	0.6	162.8	2.8	155.4
32.00	31.99	-0.61	0.19	0.6	163.0	2.9	167.5
33.00	32.98	-0.66	0.20	0.7	163.3	2.7	166.1
34.00	33.98	-0.70	0.21	0.7	163.5	2.6	167.2
35.00	34.98	-0.75	0.22	0.8	163.6	2.7	165.5
36.00	35.98	-0.79	0.23	0.8	163.8	2.7	165.5
37.00	36.98	-0.84	0.24	0.9	164.0	2.7	166.3
38.00	37.98	-0.88	0.25	0.9	164.1	2.6	165.4
39.00	38.98	-0.93	0.26	1.0	164.1	2.5	163.1
40.00	39.98	-0.97	0.28	1.0	164.1	2.5	163.5
41.00	40.98	-1.01	0.29	1.1	164.0	2.5	163.0
42.00	41.97	-1.05	0.30	1.1	163.9	2.5	162.0
43.00	42.97	-1.10	0.32	1.1	163.8	2.5	162.1
44.00	43.97	-1.14	0.33	1.2	163.7	2.5	158.7
45.00	44.97	-1.18	0.35	1.2	163.5	2.6	158.2
46.00	45.97	-1.22	0.37	1.3	163.3	2.5	158.2
47.00	46.97	-1.26	0.38	1.3	163.1	2.6	157.0
48.00	47.97	-1.30	0.40	1.4	163.0	2.6	156.9
49.00	48.97	-1.35	0.42	1.4	162.8	2.7	156.5
50.00	49.97	-1.39	0.43	1.5	162.6	2.7	159.5
51.00	50.97	-1.43	0.45	1.5	162.5	2.8	158.4
52.00	51.96	-1.48	0.47	1.6	162.4	2.9	158.1
53.00	52.96	-1.53	0.49	1.6	162.2	2.8	159.6
54.00	53.96	-1.57	0.51	1.7	162.1	2.8	159.2
55.00	54.96	-1.62	0.53	1.7	162.0	2.9	151.8
56.00	55.96	-1.66	0.54	1.8	161.9	2.8	157.7
57.00	56.96	-1.71	0.56	1.8	161.8	2.9	155.7
58.00	57.96	-1.75	0.58	1.8	161.7	2.8	157.9
59.00	58.96	-1.80	0.60	1.9	161.5	2.8	157.3
60.00	59.95	-1.85	0.62	1.9	161.4	2.8	157.0
61.00	60.95	-1.89	0.64	2.0	161.4	2.7	160.4
62.00	61.95	-1.93	0.66	2.0	161.3	2.8	156.8
63.00	62.95	-1.98	0.67	2.1	161.2	2.7	155.8
64.00	63.95	-2.02	0.69	2.1	161.1	2.6	157.1
65.00	64.95	-2.06	0.71	2.2	160.9	2.6	154.0
66.00	65.95	-2.10	0.73	2.2	160.8	2.6	154.8
67.00	66.95	-2.15	0.75	2.3	160.7	2.6	152.6
68.00	67.95	-2.19	0.77	2.3	160.5	2.6	152.8
69.00	68.94	-2.23	0.80	2.4	160.3	2.6	150.2
70.00	69.94	-2.26	0.82	2.4	160.1	2.6	150.2
71.00	70.94	-2.30	0.84	2.5	159.9	2.5	151.4
72.00	71.94	-2.34	0.86	2.5	159.7	2.6	150.0
73.00	72.94	-2.38	0.89	2.5	159.5	2.7	150.6
74.00	73.94	-2.42	0.91	2.6	159.3	2.8	148.0
75.00	74.94	-2.46	0.94	2.6	159.2	2.8	151.1
76.00	75.94	-2.51	0.96	2.7	159.0	2.9	150.0
77.00	76.94	-2.55	0.99	2.7	158.8	2.9	150.8
78.00	77.93	-2.59	1.01	2.8	158.7	2.8	151.8
79.00	78.93	-2.64	1.04	2.8	158.5	2.9	151.5
80.00	79.93	-2.68	1.06	2.9	158.4	2.8	150.3
81.00	80.93	-2.72	1.08	2.9	158.3	2.8	150.8
82.00	81.93	-2.77	1.11	3.0	158.2	2.8	152.4
83.00	82.93	-2.81	1.13	3.0	158.0	2.8	150.9
84.00	83.93	-2.85	1.16	3.1	157.9	2.8	150.1
85.00	84.93	-2.89	1.18	3.1	157.8	2.8	150.6
86.00	85.92	-2.94	1.20	3.2	157.7	2.8	150.0
87.00	86.92	-2.98	1.23	3.2	157.6	2.8	150.1
88.00	87.92	-3.02	1.25	3.3	157.5	2.7	149.9
89.00	88.92	-3.06	1.28	3.3	157.4	2.7	150.0
90.00	89.92	-3.10	1.30	3.4	157.3	2.7	149.5
91.00	90.92	-3.14	1.32	3.4	157.2	2.7	149.6
92.00	91.92	-3.18	1.35	3.5	157.1	2.7	150.0
93.00	92.92	-3.22	1.37	3.5	157.0	2.7	150.5
94.00	93.92	-3.26	1.39	3.5	156.9	2.6	149.7
95.00	94.91	-3.30	1.42	3.6	156.8	2.6	149.5
96.00	95.91	-3.34	1.44	3.6	156.7	2.6	148.6
97.00	96.91	-3.38	1.46	3.7	156.6	2.6	147.7
98.00	97.91	-3.42	1.49	3.7	156.5	2.6	147.1
99.00	98.91	-3.46	1.51	3.8	156.4	2.6	146.4
100.00	99.91	-3.49	1.54	3.8	156.2	2.5	146.2
101.00	100.91	-3.53	1.56	3.9	156.1	2.5	145.9
102.00	101.91	-3.56	1.59	3.9	156.0	2.5	143.1
103.00	102.91	-3.60	1.61	3.9	155.8	2.5	142.0
104.00	103.91	-3.63	1.64	4.0	155.7	2.5	141.1
105.00	104.90	-3.67	1.67	4.0	155.5	2.5	141.4
106.00	105.90	-3.70	1.70	4.1	155.3	2.6	141.3
107.00	106.90	-3.74	1.73	4.1	155.2	2.6	140.7
108.00	107.90	-3.77	1.76	4.2	155.0	2.7	141.0
109.00	108.90	-3.81	1.79	4.2	154.9	2.6	140.0
110.00	109.90	-3.85	1.82	4.3	154.7	2.7	141.4
111.00	110.90	-3.88	1.85	4.3	154.6	2.8	142.1
112.00	111.90	-3.92	1.88	4.3	154.4	2.8	141.8
113.00	112.90	-3.96	1.91	4.4	154.3	2.7	141.6
114.00	113.89	-4.00	1.94	4.4	154.2	2.7	143.0
115.00	114.89	-4.03	1.96	4.5	154.0	2.7	142.1
116.00	115.89	-4.07	1.99	4.5	153.9	2.6	143.0
117.00	116.89	-4.11	2.02	4.6	153.8	2.6	143.0
118.00	117.89	-4.14	2.05	4.6	153.7	2.6	142.7
119.00	118.89	-4.18	2.08	4.7	153.6	2.6	141.7
120.00	119.89	-4.21	2.10	4.7	153.5	2.5	142.5
121.00	120.89	-4.25	2.13	4.8	153.4	2.6	139.3
122.00	121.89	-4.28	2.16	4.8	153.3	2.5	143.8
123.00	122.89	-4.32	2.18	4.8	153.2	2.5	142.0
124.00	123.88	-4.35	2.21	4.9	153.1	2.5	143.5
125.00	124.88	-4.39	2.23	4.9	153.0	2.5	144.0
126.00	125.88	-4.42	2.26	5.0	152.9	2.4	143.3
127.00	126.88	-4.46	2.28	5.0	152.9	2.4	143.0
128.00	127.88	-4.49	2.31	5.0	152.8	2.3	143.2
129.00	128.88	-4.52	2.33	5.1	152.7	2.3	142.5
130.00	129.88	-4.55	2.36	5.1	152.6	2.3	143.4
131.00	130.88	-4.58	2.38	5.2	152.6	2.2	141.7
132.00	131.88	-4.61	2.40	5.2	152.5	2.3	141.6
133.00	132.88	-4.64	2.43	5.2	152.4	2.3	141.1
134.00	133.88	-4.68	2.45	5.3	152.3	2.3	140.0
135.00	134.88	-4.71	2.48	5.3	152.2	2.2	138.6
136.00	135.87	-4.73	2.50	5.4	152.1	2.2	138.0
137.00	136.87	-4.76	2.53	5.4	152.0	2.2	138.6
138.00	137.87	-4.79	2.55	5.4	151.9	2.2	138.2
139.00	138.87	-4.82	2.58	5.5	151.8	2.3	135.8
140.00	139.87	-4.85	2.61	5.5	151.7	2.3	135.9
141.00	140.87	-4.88	2.63	5.5	151.6	2.4	134.0
142.00	141.87	-4.91	2.66	5.6	151.5	2.4	139.3
143.00	142.87	-4.94	2.69	5.6	151.4	2.4	138.5
144.00	143.87	-4.97	2.72	5.7	151.4	2.1	141.0
145.00	144.87	-5.01	2.75	5.7	151.3	2.4	140.0
146.00	145.87	-5.04	2.77	5.8	151.2	2.5	140.1
147.00	146.87	-5.07	2.80	5.8	151.1	2.5	140.3
148.00	147.86	-5.11	2.83	5.8	151.0	2.5	141.8
149.00	148.86	-5.14	2.86	5.9	150.9	2.5	140.4
150.00	149.86	-5.17	2.88	5.9	150.9	2.5	141.1
151.00	150.86	-5.21	2.91	6.0	150.8	2.5	141.9
152.00	151.86	-5.24	2.94	6.0	150.7	2.5	142.4
153.00	152.86	-5.28	2.96	6.1	150.7	2.5	141.9
154.00	153.86	-5.31	2.99	6.1	150.6	2.5	141.3
155.00	154.86	-5.34	3.02	6.1	150.5	2.5	141.5
156.00	155.86	-5.38	3.04	6.2	150.5	2.5	142.2
157.00	156.86	-5.41	3.07	6.2	150.4	2.5	142.8
158.00	157.86	-5.44	3.10	6.3	150.4	2.5	141.9
159.00	158.85	-5.48	3.12	6.3	150.3	2.4	141.5
160.00	159.85	-5.51	3.15	6.3	150.3	2.4	141.3
161.00	160.85	-5.55	3.18	6.4	150.2	2.4	142.6
162.00	161.85	-5.58	3.20	6.4	150.1	2.4	141.1
163.00	162.85	-5.61	3.23	6.5	150.1	2.4	142.8
164.00	163.85	-5.64	3.25	6.5	150.0	2.3	141.0
165.00	164.85	-5.68	3.28	6.6	150.0	2.3	143.1
166.00	165.85	-5.71	3.30	6.6	149.9	2.3	141.9
167.00	166.85	-5.74	3.33	6.6	149.9	2.3	141.1
168.00	167.85	-5.77	3.35	6.7	149.8	2.3	140.9
169.00	168.85	-5.80	3.38	6.7	149.8	2.3	140.5
170.00	169.85	-5.83	3.41	6.8	149.7	2.3	141.0
171.00	170.84	-5.86	3.43	6.8	149.7	2.3	141.0
172.00	171.84	-5.90	3.46	6.8	149.6	2.3	140.7
173.00	172.84	-5.93	3.48	6.9	149.6	2.3	139.3
174.00	173.84	-5.96	3.51	6.9	149.5	2.3	144.8
175.00	174.84	-5.99	3.53	7.0	149.5	2.3	139.8
176.00	175.84	-6.02	3.56	7.0	149.4	2.3	140.5
177.00	176.84	-6.05	3.58	7.0	149.4	2.2	139.6
178.00	177.84	-6.08	3.61	7.1	149.3	2.3	137.0
179.00	178.84	-6.11	3.64	7.1	149.2	2.3	139.9
180.00	179.84	-6.14	3.66	7.2	149.2	2.4	139.2
181.00	180.84	-6.17	3.69	7.2	149.1	2.3	140.5
182.00	181.84	-6.20	3.72	7.2	149.1	2.4	138.3
183.00	182.83	-6.23	3.74	7.3	149.0	2.4	140.4
184.00	183.83	-6.27	3.77	7.3	149.0	2.4	140.0
185.00	184.83	-6.30	3.80	7.4	148.9	2.4	139.1
186.00	185.83	-6.33	3.82	7.4	148.9	2.4	139.8
187.00	186.83	-6.36	3.85	7.4	148.8	2.4	139.1
188.00	187.83	-6.39	3.88	7.5	148.8	2.4	138.3
189.00	188.83	-6.42	3.90	7.5	148.7	2.4	139.1
190.00	189.83	-6.45	3.93	7.6	148.6	2.4	139.0
191.00	190.83	-6.49	3.96	7.6	148.6	2.4	139.1
192.00	191.83	-6.52	3.99	7.6	148.5	2.4	140.8
193.00	192.83	-6.55	4.01	7.7	148.5	2.4	141.8
194.00	193.83	-6.58	4.04	7.7	148.4	2.4	139.0
195.00	194.82	-6.61	4.07	7.8	148.4	2.4	139.1
196.00	195.82	-6.64	4.10	7.8	148.3	2.4	138.5
197.00	196.82	-6.67	4.12	7.8	148.3	2.4	138.0
198.00	197.82	-6.70	4.15	7.9	148.2	2.4	140.7
199.00	198.82	-6.74	4.18	7.9	148.2	2.4	138.7
200.00	199.82	-6.77	4.21	8.0	148.1	2.4	138.6
201.00	200.82	-6.80	4.23	8.0	148.1	2.4	138.7
202.00	201.82	-6.83	4.26	8.0	148.0	2.4	139.3
203.00	202.82	-6.86	4.29	8.1	148.0	2.4	138.5
204.00	203.82	-6.89	4.32	8.1	147.9	2.4	138.2
205.00	204.82	-6.92	4.34	8.2	147.9	2.4	136.9
206.00	205.81	-6.95	4.37	8.2	147.8	2.4	135.8
207.00	206.81	-6.98	4.40	8.3	147.8	2.4	134.8
208.00	207.81	-7.01	4.43	8.3	147.7	2.4	135.2
209.00	208.81	-7.04	4.46	8.3	147.6	2.4	134.3
210.00	209.81	-7.07	4.49	8.4	147.6	2.5	134.1
211.00	210.81	-7.10	4.52	8.4	147.5	2.5	135.0
212.00	211.81	-7.13	4.55	8.5	147.4	2.5	134.5
213.00	212.81	-7.16	4.58	8.5	147.4	2.5	134.9
214.00	213.81	-7.19	4.61	8.5	147.3	2.5	133.1
215.00	214.81	-7.22	4.65	8.6	147.2	2.4	135.6
216.00	215.81	-7.25	4.68	8.6	147.2	2.4	135.4
217.00	216.80	-7.28	4.71	8.7	147.1	2.4	131.5
218.00	217.80	-7.31	4.74	8.7	147.0	2.4	133.8
219.00	218.80	-7.34	4.77	8.8	147.0	2.4	132.8
220.00	219.80	-7.37	4.80	8.8	146.9	2.4	132.8
221.00	220.80	-7.40	4.83	8.8	146.8	2.4	134.7
222.00	221.80	-7.42	4.86	8.9	146.8	2.4	135.1
223.00	222.80	-7.45	4.89	8.9	146.7	2.4	134.9
223.94	223.73	-7.48	4.92	9.0	146.7	2.4	135.7