

PILOT HOLE WELL DRILLING LOG

PROJECT: Earth Tech Exploratory Well and Development		WELL NO: ETF-1
LOCATION: Lot 10123-R3, Route 3, Dededo, Guam		DATE: 7/24/98
COORDINATES: N 193.705.00 E 195.597.00		
Ground Elevation :	Drilling Rig : CP 650	Date Start: 07/21/98
Total Depth : 440 feet	Drilling Bit : Tricone	Date Finish: 07/23/98
Borehole Diameter : 12 in dia.	Foam : Baroid Quik Foam	

Depth Feet	Penetration Rate		Time min	Log	Material Description/Remarks	ELEV
	Start	Stop				
0-5	10:22	10:34	12		Light brown white coralline limestone, moderately hard to hard	
5-10	10:34	10:47	13			
10-15	10:47	10:52	5			
15-20	10:52	10:58	6			
20-25	10:58	11:17	19			
25-30	11:17	11:42	25			
30-35	11:42	11:59	17			
35-40	11:59	12:18	19			
40-45	12:18	12:31	13			
45-50	12:31	12:42	11			
50-55	2:27	2:39	12			
55-60	2:39	2:49	10			
60-65	2:49	2:59	10			
65-70	2:59	3:17	18			
70-75	3:17	3:24	7			
75-80	3:24	3:31	7			
80-85	3:31	3:44	13			
85-90	3:44	4:15	31			
90-95	4:15	4:28	13			
95-100	4:28	4:35	7			
100-105	4:35	4:42	7			
105-110	4:42	5:02	20			
110-115	5:02	5:11	9			
115-120	5:11	5:18	7			
120-125	5:18	5:26	8			
125-130	10:15	10:21	6		Resumed drilling, 07/22/98	
130-135	10:21	10:28	7			
135-140	10:28	10:34	6			
140-145	10:34	10:45	11			
145-150	10:45	11:04	19			
150-155	11:04	11:11	7			
155-160	11:11	11:20	9			
160-165	11:20	11:28	8			

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Depth Feet	Penetration Rate		Time min	Log	Material Description/Remarks
	Start	Stop			
165-170	11:28	11:47	9		
170-175	11:47	12:02	15		
175-180	12:02	12:11	9		
180-185	12:11	12:18	7		
185-190	1:53	2:03	10		
190-195	2:03	2:10	7		
195-200	2:10	2:18	8		
200-205	2:18	2:29	11		
205-210	4:00	4:09	9		Drilling stopped, found live ordinance(2 bombs)near site. Site was cleared by EOD. Drilling resumed.
210-215	4:09	4:16	7		
215-220	4:16	4:24	8		
220-225	4:24	4:31	7		
225-230	4:31	4:53	12		
230-235	4:53	5:08	15		
235-240	5:08	5:21	13		
240-245	5:21	5:39	18		
245-250	8:30	8:49	19		Resumed drilling, 07/22/98
250-255	8:49	8:57	8		
255-260	8:57	9:05	8		
260-265	9:05	9:14	9		
265-270	9:14	9:35	21		
270-275	9:35	9:45	10		
275-280	9:45	10:02	17		
280-285	10:02	10:20	18		
285-290	10:20	10:39	19		
290-295	10:39	10:48	9		
295-300	10:48	10:55	7		
300-305	10:55	11:02	7		
305-310	11:02	11:25	23		
310-315	11:25	11:31	6		
315-320	11:31	11:38	7		
320-325	11:38	11:43	5		
325-330	1:30	1:36	6		
330-335	1:36	1:45	9		
335-340	1:45	1:51	6		
340-345	1:51	2:00	9		
345-350	2:00	2:27	27		
350-355	2:27	2:34	7		
355-360	2:34	2:43	9		

