



SHEET 1 OF 2

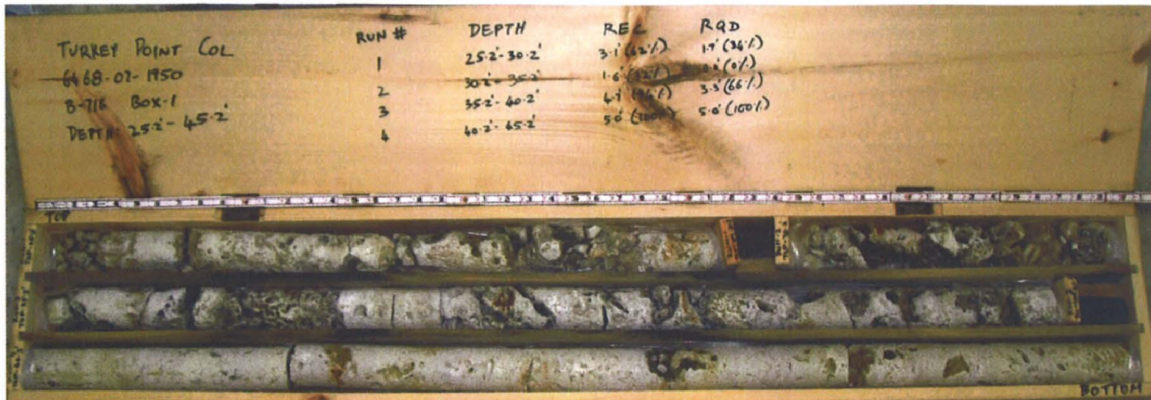
BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: G. Pillappa
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-55 LC (RAL)	DRILLER: R. Banks/ J. Rosser	GROUND WATER (ft)
BORING NO.: B-716	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 397,214 US ft (NAD83/90)	EASTING: 875,873 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 126.6 ft	CASING DEPTH: 4" to 23.6', 3" to 115.2'	HAMMER (ID): 140 lb. Auto (MEC-02)	
DATE STARTED: 4/8/08	COMPLETED: 4/16/08	CORE SIZE: HQ3	CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)

ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	REC (ft) %	ROD (ft) %	SAMP. NO.	REC (ft) %	ROD (ft) %	L O G	DESCRIPTION AND REMARKS
										Begin Coring @ 25.2 ft
-26.3	25.2	5.0	1:15 0:51 1:03 2:23 1:13	(3.1) 62%	(1.7) 34%	RUN-1	(16.5) 75%	(11.7) 53%		LIMESTONE, boundstone, white (10YR8/1), hard, indurated, few vugs, fossiliferous, coralline, strong HCl reaction, trace fine grained sand (Upper Fort Thompson Formation) (continued)
-31.3	30.2	5.0	0:26 0:21 0:18 0:12 0:21	(1.6) 32%	(0.0) 0%	RUN-2				30.2ft: white (10YR8/1), to light gray (10YR7/1), poor recovery may be due to open spaces and/or interconnected vugs
-36.3	35.2	5.0	0:29 0:27 0:26 0:32 0:51	(4.7) 94%	(3.3) 66%	RUN-3				35.2ft: trace vugs, recrystallized calcite
-41.3	40.2	5.0	0:40 0:33 0:32 0:37 0:46	(5.0) 100%	(5.0) 100%	RUN-4				40.2ft: white (10YR8/1)
-46.3	45.2	5.0	0:42 0:52 0:42 0:39 0:34	(5.0) 100%	(4.4) 88%	RUN-5				45.2ft: few vugs, horizontal bedding plane at 47.3ft
-51.3	50.2	5.0	0:47 0:40 0:38 0:39 0:40	(5.0) 100%	(4.0) 80%	RUN-6	(39.3) 60%	(20.6) 31%		LIMESTONE, boundstone, white (10YR8/1), hard, indurated, few vugs, fossiliferous, trace to few shell molds and casts, strong HCl reaction (Lower Fort Thompson Formation)
-56.3	55.2	5.0	0:49 0:26 0:36 0:35 0:38	(4.6) 92%	(3.0) 60%	RUN-7				55.2ft: few vugs
-61.3	60.2	5.0	0:31 0:30 0:28 0:28 0:28 0:38	(4.9) 98%	(4.8) 96%	RUN-8				60.2ft: trace vugs, few to some shell molds and casts
-66.3	65.2	5.0	0:31 0:34 0:32 0:25 0:16	(2.5) 50%	(2.2) 44%	RUN-9				65.2ft: few shell molds
-71.3	70.2	5.0	0:26 0:29 0:28 0:16 0:19	(1.6) 32%	(0.4) 8%	RUN-10				
-76.3	75.2	4.1	0:33 0:37 0:28 0:54	(2.0) 49%	(0.7) 17%	RUN-11				75.2ft: no vugs
-80.4	79.3	0.9	1:38/0.1	(0.8)	(0.8)	RUN-12				
-81.3	80.2	5.0	0:55/0.9	89%	89%	RUN-13				80.2ft: trace to few shell molds and casts
-86.3	85.2	5.0	0:35 0:32 0:22 0:18 0:21	(2.7) 54%	(0.4) 8%					
-91.3	90.2	5.0	0:24 0:36 0:38 0:26 0:23	(3.2) 64%	(0.5) 10%	RUN-14				85.2ft: little vugs
-96.3	95.2	5.0	0:30 0:21 0:18 0:16 0:21	(2.6) 52%	(1.1) 22%	RUN-15				
-101.3	100.2	5.0	0:28 0:31 0:25 0:16 0:20	(2.1) 42%	(0.0) 0%	RUN-16				95.2ft: medium hard to moderately hard, moderately indurated, no vugs, some shell molds and casts

TURKEY POINT COL CORE, TURKEY POINT COL GDT 7:10:08

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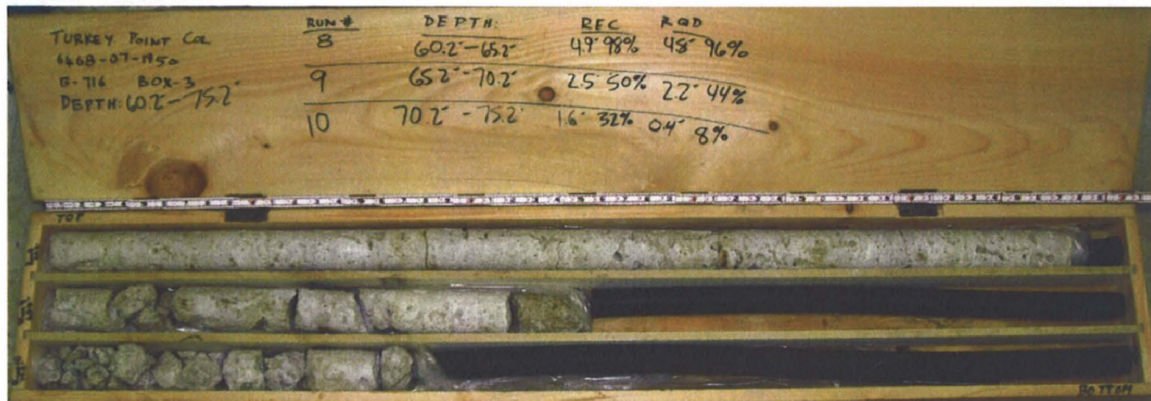
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B-716 - Box 1



B-716 - Box 2



B-716 - Box 3



B-716 - Box 4