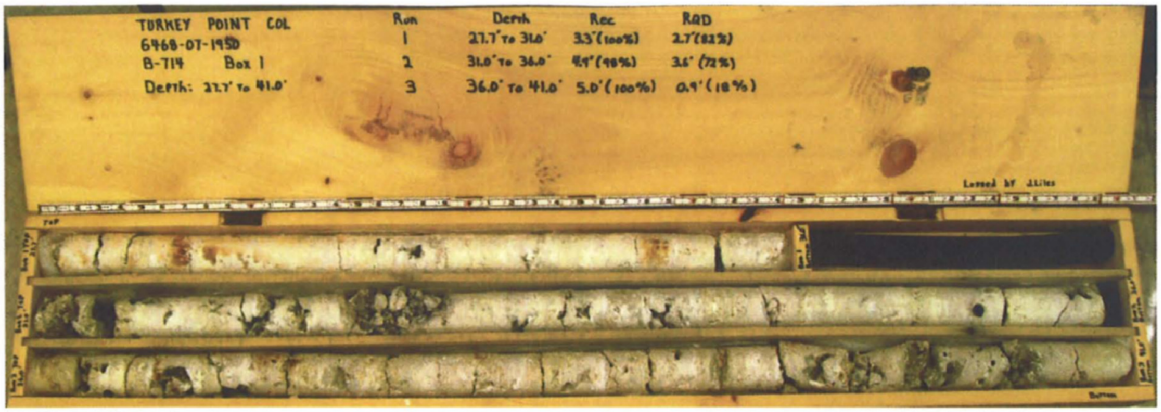
MACTEC

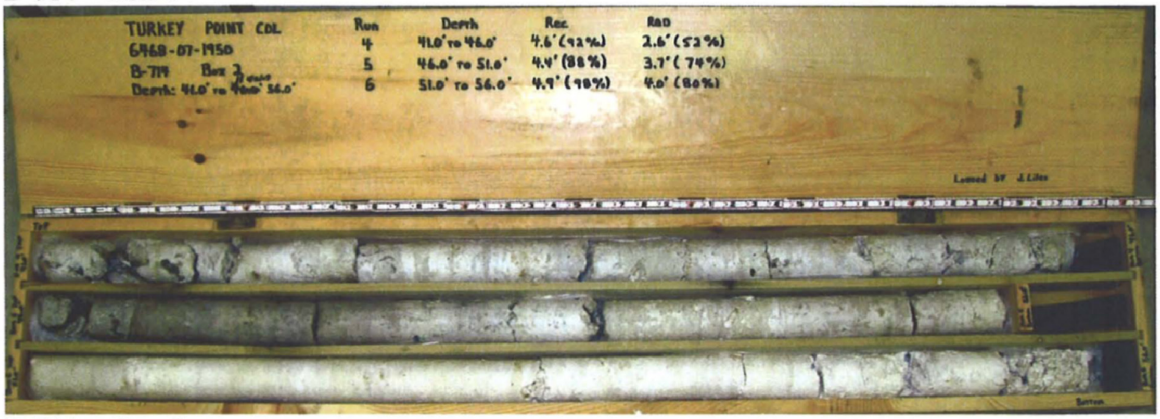
BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: J. Liles
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (Miller)	DRILLER: R. White/ J. Dugger	GROUND WATER (ft)
BORING NO.: B-714	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.0 ft (NAVD88)	NORTHING: 397,259 US ft (NAD83/90)	EASTING: 876,021 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 125.6 ft	CASING DEPTH: 4" to 27.7', 3" to 115.0'		HAMMER (ID): 140 lb. Auto (M06)
DATE STARTED: 4/16/08	COMPLETED: 4/17/08	CORE SIZE: HQ3	CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)

ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN REC. (ft) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC. (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										Continued from previous page
			0:31 0:35 0:46 0:59	80%	8%					LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, trace vugs, fossiliferous, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
-107.0	106.0									
		5.0	1:41 1:09 0:43 0:55 0:56	(4.3) 86%	(2.2) 44%	RUN-17				106.0ft: medium hard to moderately hard, friable to moderately indurated, mostly vugs, little shell molds and casts
-112.0	111.0									
		5.0	1:45 0:01 0:58 0:37 0:38	(1.6) 32%	(0.5) 10%	RUN-18				111.0ft: moderately hard, moderately indurated, trace vugs 112.0 to 113.0ft: rod drop
										-115.0 — 114.0
-117.0	116.0						(0.0) 0%	(NA)		-117.0 POORLY GRADED SAND (SP), light gray (2.5Y7/2), very loose, wet, fine grained sand, strong HCl reaction, trace limestone fragments (Tamiami Formation) — 116.0
										Coring Terminated at Elevation -117.0

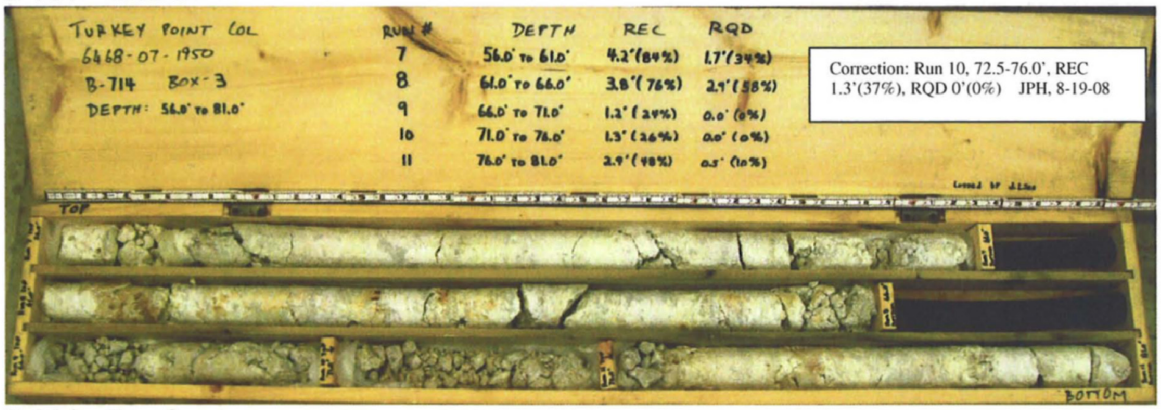
TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 5/30/08



B-714 – Box 1



B-714 – Box 2



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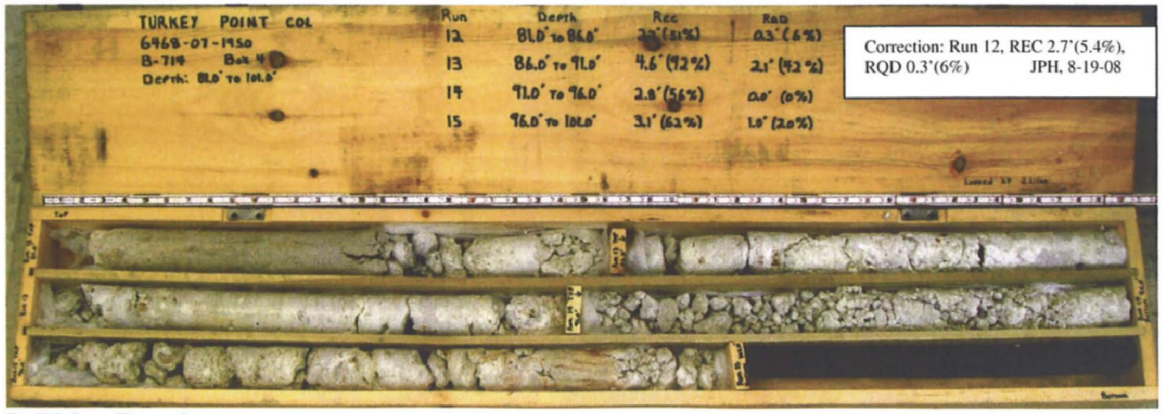
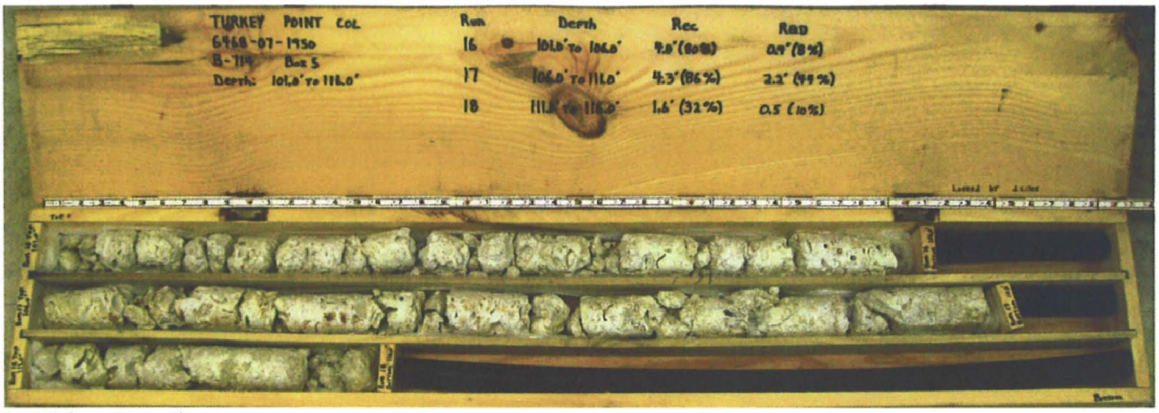


B-714 – Box 4


TURKEY POINT COL
6468-07-1950
B-714 Box 5
Depth: 101.0' TO 116.0'
Run
Depth
Rec
RQD
16
101.0' TO 106.0'
9.0' (60%)
0.9' (18%)
17
106.0' TO 111.0'
4.3' (86%)
2.2' (44%)
18
111.0' TO 116.0'
1.6' (32%)
0.5 (10%)

B-714 – Box 5