



SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: O. Rodriguez
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-75 (CLT)	DRILLER: J. Warren/ C. Sloan/ M. Harvey	GROUND WATER (ft)
BORING NO.: B-710(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.3 ft (NAVD88)	NORTHING: 397,087 US ft (NAD83/90)	EASTING: 875,793 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 250.9 ft	CASING DEPTH: 4" to 18.5', 3" to 123.0'	HAMMER (ID): 140 lb. Auto (MEC-09)	
DATE STARTED: 4/2/08	COMPLETED: 4/9/08	CORE SIZE: HQ3	CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)

ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	REC (ft) %	RQD (ft) %	SAMP. NO.	REC (ft) %	RQD (ft) %	L O G	DESCRIPTION AND REMARKS
										Begin Coring @ 16.8 ft
-18.1	16.8	4.7	1.24 1.36 3.49	(2.3) 49%	(1.2) 26%	RUN-1	(3.1) 43%	(1.2) 17%		LIMESTONE, boundstone, white (2.5Y8/1), very soft, wet, strong HCl reaction, little fine grained sand, oolitic (Miami Formation) (continued)
-22.8	21.5		1.23 1.38/0.7							16.8ft: white (2.5Y8/1), medium hard, moderately indurated, fossiliferous, few to little locally interconnected vugs
		4.8	5.22 1.56 3.11	(3.1) 65%	(1.7) 35%	RUN-2				
-27.6	26.3		1.28 0.48/0.8				(23.8) 97%	(20.5) 84%		LIMESTONE, boundstone, white (2.5Y8/1), medium hard to moderately hard, moderately indurated, fossiliferous, coralline, few vugs (Upper Fort Thompson Formation)
		5.0	0.34 0.53 1.57	(4.6) 92%	(3.2) 64%	RUN-3				27.0ft: loss of circulation
-32.6	31.3		2.16 2.01							
		5.0	2.23 0.36 0.49	(4.8) 96%	(4.5) 90%	RUN-4				31.3ft: moderately hard
-37.6	36.3		0.22 1.00							
		5.0	0.49 0.46 0.51	(4.9) 98%	(4.5) 90%	RUN-5				
-42.6	41.3		1.34 1.54							
		5.0	0.47 1.29 1.14	(5.0) 100%	(5.0) 100%	RUN-6				
-47.6	46.3		1.22 1.01							
		5.0	0.35 0.32 0.52	(4.8) 96%	(4.2) 84%	RUN-7				46.3ft: white (2.5Y8/1), to 46.6ft then greenish gray (10Y6/1), to 48.5ft
-52.6	51.3		1.27 1.17				(56.5) 86%	(33.5) 51%		LIMESTONE, boundstone, white (2.5Y8/1), moderately hard, moderately indurated, fossiliferous, few vugs (Lower Fort Thompson Formation)
		5.0	0.35 0.39 0.27	(4.2) 84%	(3.2) 64%	RUN-8				51.3ft: trace shell molds and casts
-57.6	56.3		0.10 1.10							
		5.0	0.37 0.37 0.25	(5.0) 100%	(4.9) 98%	RUN-9				56.3ft: moderately hard, indurated
-62.6	61.3		1.01 1.32							
		5.0	1.25 0.47 0.44	(4.5) 90%	(2.9) 58%	RUN-10				
-67.6	66.3		0.37 0.26							
		5.0	0.03 0.09 0.30	(3.0) 60%	(1.8) 36%	RUN-11				66.3 to 68.3ft: possible sand layer
-72.6	71.3		1.14 1.42							
-73.5	72.2	0.9	3.09/0.9	(0.6) 67%	(0.6) 67%	RUN-12				71.3ft: hard
		4.1	0.08/0.1 0.39 0.43	(4.0) 98%	(2.0) 49%	RUN-13				
-77.6	76.3		0.20 0.25							
		5.0	0.21 0.24 0.15	(4.5) 90%	(2.5) 50%	RUN-14				76.3ft: moderately hard, moderately indurated
-82.6	81.3		0.07 0.11							
		5.0	0.24 0.24 0.29	(4.6) 92%	(1.3) 26%	RUN-15				81.3ft: little vugs, few shell molds and casts
-87.6	86.3		0.21 0.41							
		5.0	0.30 1.13 0.34	(4.3) 86%	(1.6) 32%	RUN-16				86.3ft: few shell molds and casts
-92.6	91.3		0.11 0.16							

TURKEY POINT COL CORE TURKEY POINT GPJ TURKEY POINT COL GDT 8:18 08

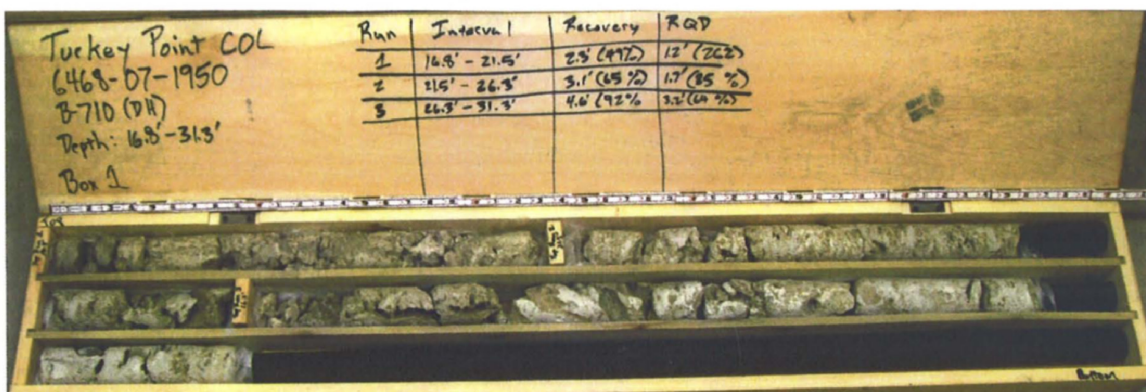


SHEET 2 OF 2

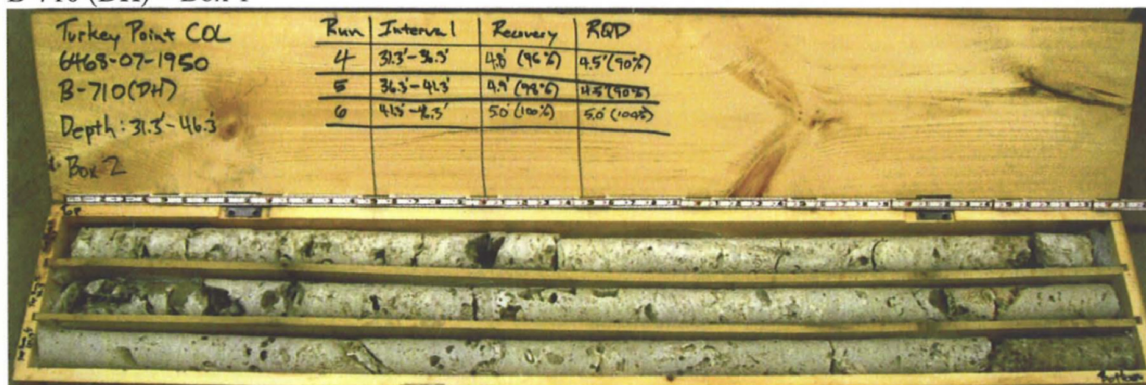
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ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN		SAMP. NO.	STRATA		L O G	DESCRIPTION AND REMARKS
				REC (ft) %	RQD (ft) %		REC (ft) %	RQD (ft) %		
										Continued from previous page
-97.6	96.3	5.0	0.05 0.08 0.10 0.10 0.09	(4.2) 84%	(1.7) 34%	RUN-17				91.3ft: sandy LIMESTONE, boundstone, white (2.5Y8/1), moderately hard, moderately indurated, fossiliferous, few vugs (Lower Fort Thompson Formation) (continued)
-102.6	101.3	5.0	0.30 0.06 0.06 0.24 0.16	(2.8) 56%	(0.9) 18%	RUN-18				101.3ft: medium hard, little shell molds and casts
-107.6	106.3	5.0	0.12 0.13 1.15 0.12 0.20	(5.0) 100%	(3.9) 78%	RUN-19				106.3ft: moderately hard to friable, few shell molds and casts
-112.6	111.3	5.0	0.12 0.14 0.09 0.13 0.08	(4.8) 96%	(3.2) 64%	RUN-20				
-117.6	116.3	5.0	0.27 0.33 0.14 0.05 0.06	(2.5) 50%	(0.4) 8%	RUN-21	(0.7) 10%	(NA)	-115.3	POORLY GRADED SAND (SP), pale yellow (2.5Y8/3), medium dense, strong HCl reaction, trace fine to coarse gravel-sized cemented sand fragments (Tamiami Formation) 116.3ft: limestone fragments
-122.6	121.3	5.0	0.05 0.06 0.08 0.02 0.02	(0.7) 14%	(0.0) 0%	RUN-22			-122.6	121.3
										Coring Terminated at Elevation -122.6

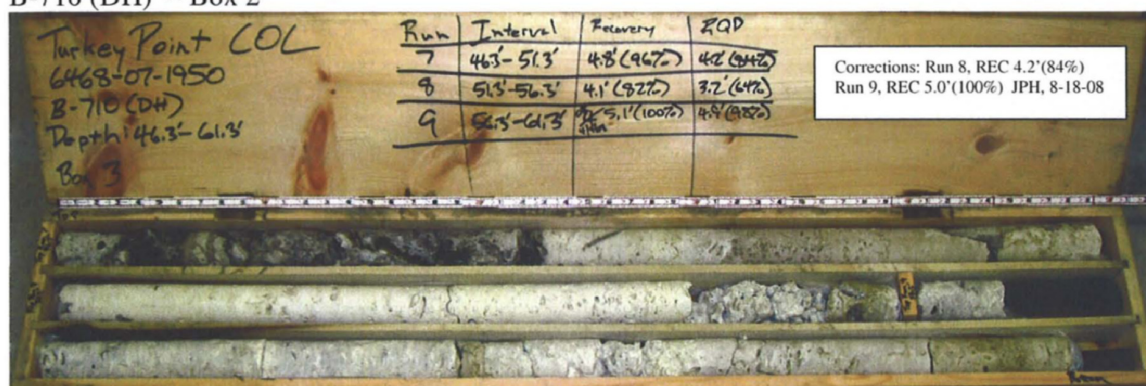
TURKEY POINT COL CORE, TURKEY POINT GP, TURKEY POINT COL GDT 8/18/08



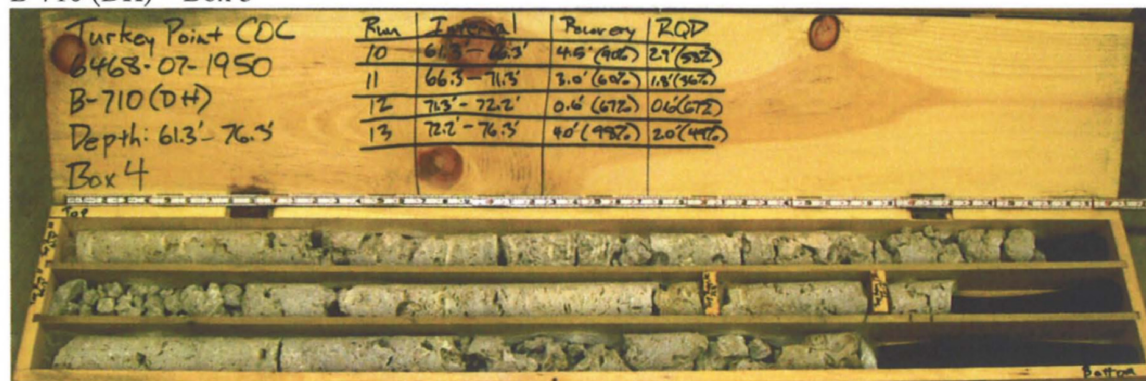
B-710 (DH) - Box 1



B-710 (DH) - Box 2



B-710 (DH) - Box 3



B-710 (DH) - Box 4