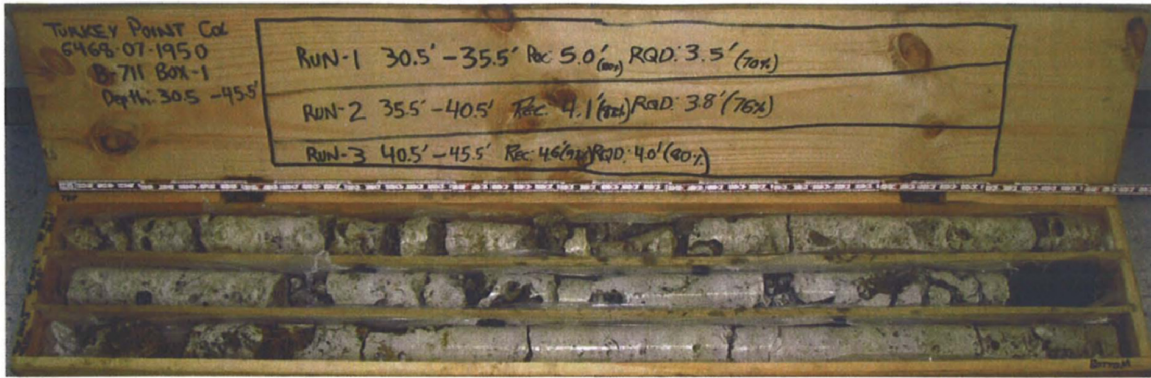
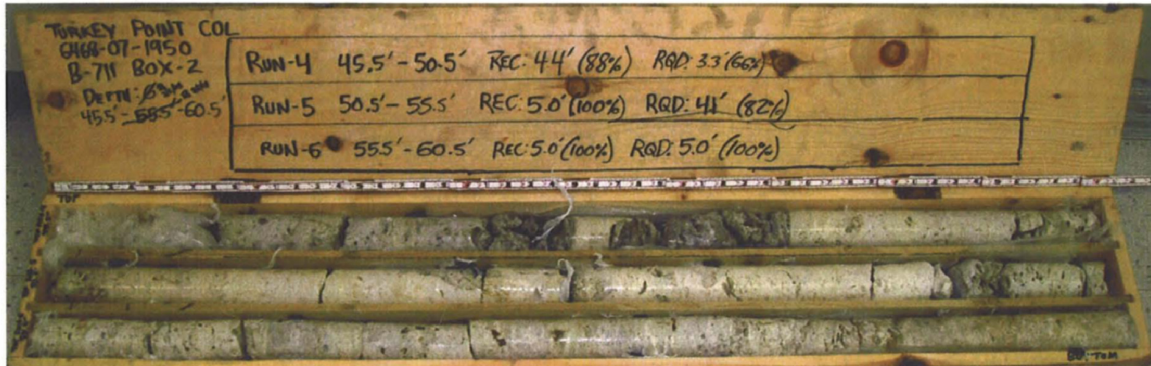
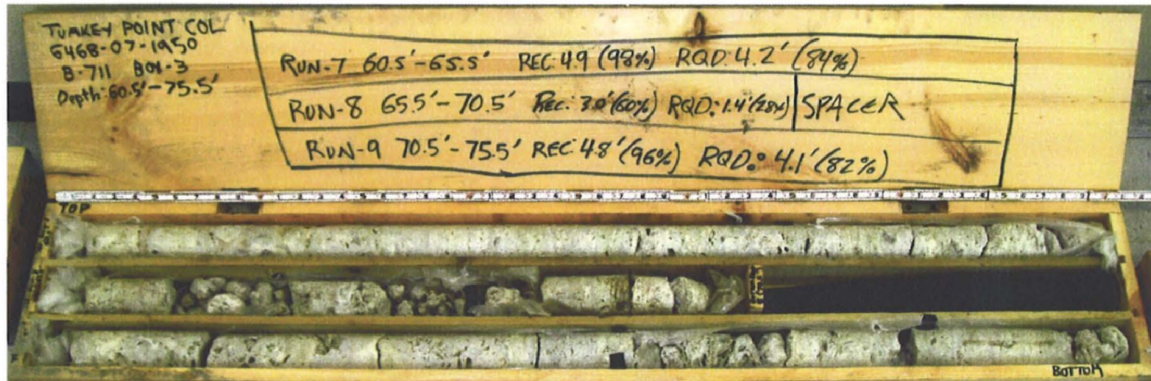




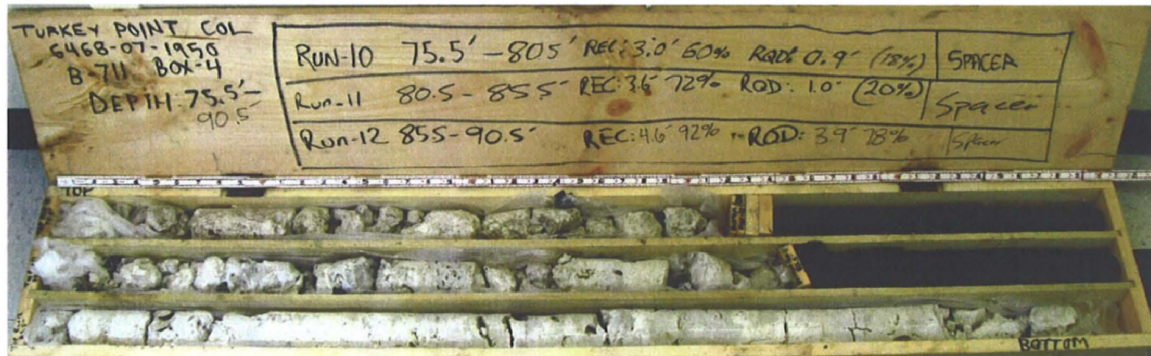
B-711 - Box 1



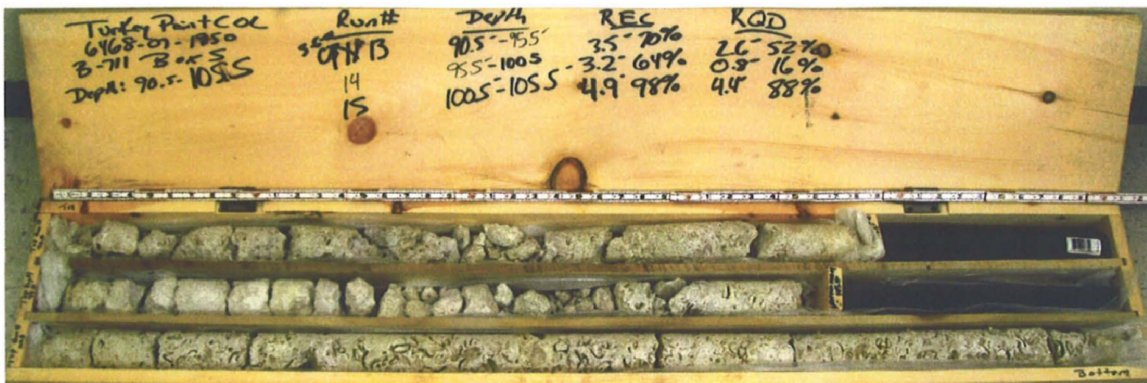
B-711 - Box 2



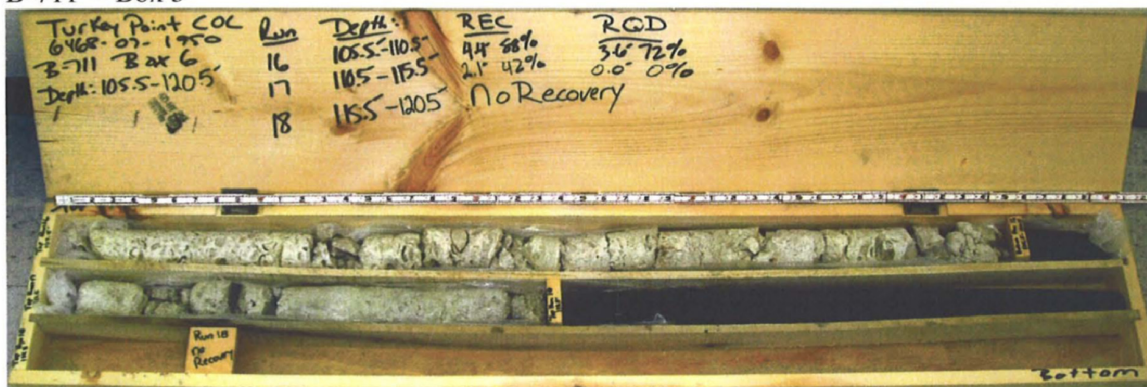
B-711 - Box 3



B-711 - Box 4



B-711 - Box 5



B-711 - Box 6



GEOTECHNICAL BORING LOG

Prepared By MM Date 7-10-08

Checked By MM Date 7-10-08

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-712				DRILL METHOD: Mud Rotary/ Core				SAMPLE METHODS: SPT/Core				0 HR. NA			
GROUND ELEV.: -1.1 ft (NAVD88)				NORTHING: 397,082 US ft (NAD83/90)				EASTING: 876,022 US ft (NAD83/90)				24 HR. NA			
TOTAL DEPTH: 128.3 ft				BORING DIAMETER: 4" to 28.1', 3" to 128.3'				CASING DEPTH: 4" to 28.1', 3" to 122.0'				HAMMER (ID): 140 lb. Auto (MEC-02)			
DATE STARTED: 3/19/08				COMPLETED: 3/21/08				CORE SIZE: HQ3				BITS USED: 2 7/8" Tricone			
ELEV.	DEPTH	BLOW COUNT			BLOWS PER FOOT					SAMP.	MOI	LOG	SOIL AND ROCK DESCRIPTION		
(ft)	(ft)	0.5ft	0.5ft	0.5ft	0	20	40	60	80	100	NO.				
-1.1					Ground Surface										
-1.1	0.0	WOH	WOH	WOH	0						712-1		-1.1	0.0	MUCK, very dark grayish brown (2.5Y3/2), very soft, moist, mostly organic, strong HCl reaction
-4.0	2.9										712-2		-4.2	3.1	LIMESTONE, boundstone, pale yellow (5Y8/2), very soft, wet, strong HCl reaction, oolitic
-7.1	6.0	7	6	5							712-3				6.0ft: white (5Y8/1)
-10.1	9.0	6	4	16							712-4				
-12.5	11.4	3	4	7							712-5				11.4ft: white (10YR8/1), moderately hard
-14.9	13.8	16	46	12							712-6				
		16	28	44											
-20.1	19.0	6	9	11							712-7				19.0ft: very soft, moist, trace shell fragments
-25.1	24.0														
		6	9	4							712-8				
-30.1	29.0														
-31.6	30.5	24	27	30							712-9				LIMESTONE, boundstone, white (10YR8/1), very soft, moist, strong HCl reaction, trace shell fragments (Upper Fort Thompson Formation)
-32.9	31.8										RUN-1				26.5ft: loss of circulation
											RUN-2				29.0ft: hard
															30.5ft: Switch sampling method to coring
															30.5ft: white, (5Y8/1), hard, indurated, strong HCl reaction, little vugs
-37.9	36.8										RUN-3				31.8ft: fossiliferous, coralline, some vugs
															36.8ft: dark greenish gray (4/10Y), few vugs
-42.9	41.8										RUN-4				41.8ft: pale yellow (2.5Y8/4)
-47.9	46.8														
											RUN-5				46.8ft: white (2.5Y8/1), to 48.4ft then gray (N5/) to 50.8ft
-52.9	51.8														
											RUN-6				LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation)
-57.9	56.8														
											RUN-7				56.8ft: white (5Y8/1)
-62.9	61.8														
											RUN-8				
-67.9	66.8														
											RUN-9				66.8ft: white (8/N)
-72.9	71.8														
											RUN-10				71.8ft: white (5Y8/1)

TURKEY POINT COL BORE TURKEY POINT GPJ TURKEY POINT COL GDI 7/10/08