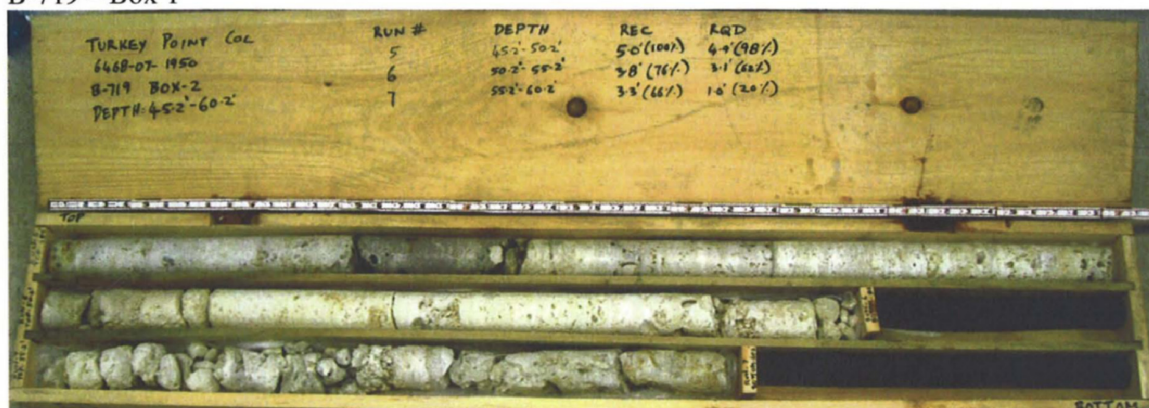
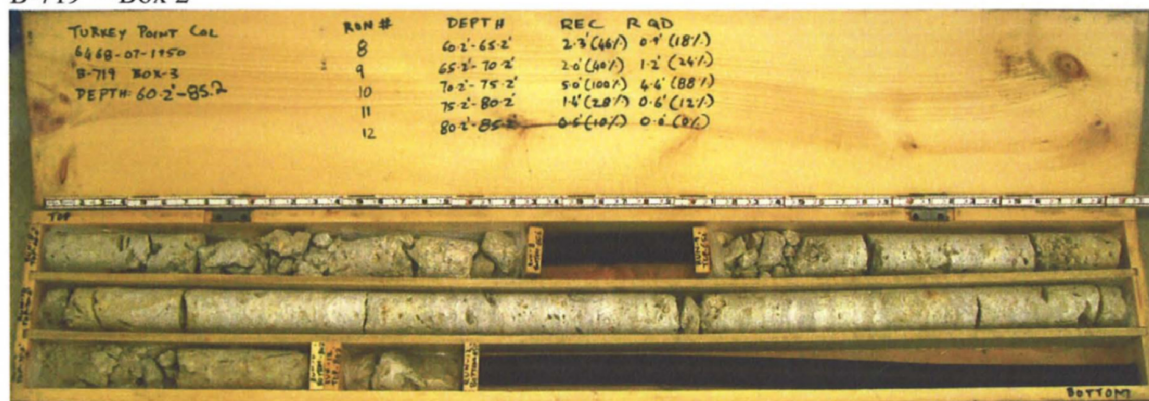




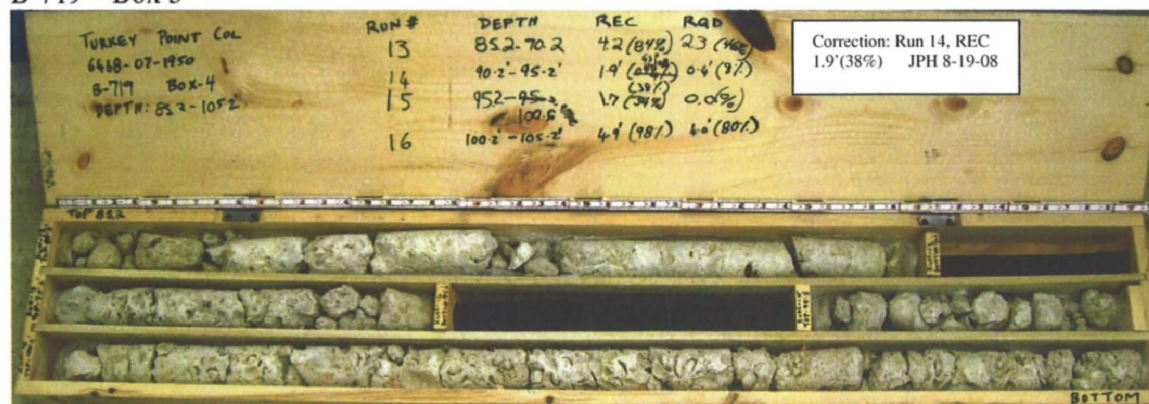
B-719 - Box 1



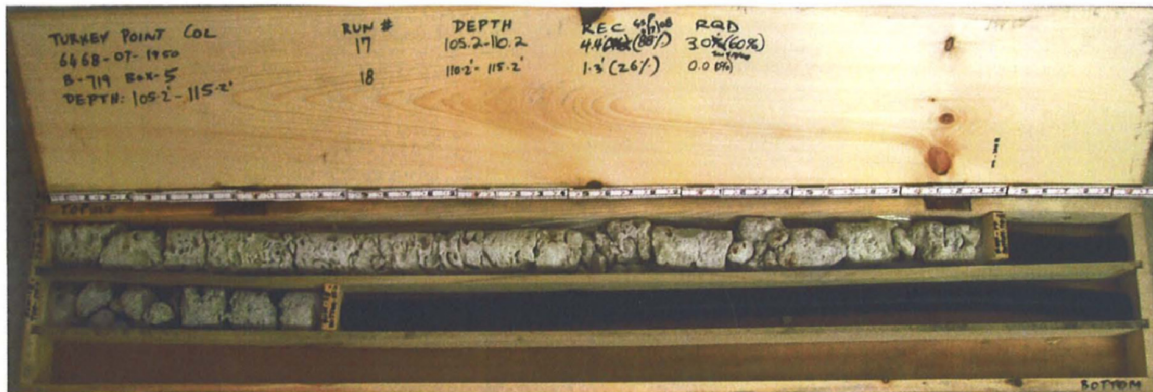
B-719 - Box 2



B-719 - Box 3



B-719 - Box 4



B-719 - Box 5



GEOTECHNICAL BORING LOG

Prepared By SPR Date 8-19-08Checked By SR Date 8/19/08

SHEET 1 OF 3

BECHTEL PROJECT NO.: 25409				MACTEC PROJECT NO.: 6468-07-1950				COUNTY: Miami-Dade				GEOLOGIST: B. Taylor			
SITE DESCRIPTION: Turkey Point COL				DRILL MACHINE: CME-550X (ATL)				DRILLER: R. Landeros/ N. Rodriguez				GROUND WATER (ft)			
BORING NO.: B-720(DH)				DRILL METHOD: Mud Rotary/ Core				SAMPLE METHODS: SPT/Core				0 HR.		NA	
GROUND ELEV.: -0.9 ft (NAVD88)				NORTHING: 397,397 US ft (NAD83/90)				EASTING: 875,791 US ft (NAD83/90)				24 HR.		NA	
TOTAL DEPTH: 204.9 ft				BORING DIAMETER: 4" to 204.9'				CASING DEPTH: 4" to 118.4'				HAMMER (ID): 140 lb. Auto (MEC-05)			
DATE STARTED: 4/5/08				COMPLETED: 4/8/08				CORE SIZE: HQ3				BITS USED: 3 7/8" Tricone			
ELEV.	DEPTH	BLOW COUNT			BLOWS PER FOOT						SAMP.	LOG	SOIL AND ROCK DESCRIPTION		
(ft)	(ft)	0.5ft	0.5ft	0.5ft	0	20	40	60	80	100	NO.				
-0.9					Ground Surface										
-0.9	0.0	WOH	WOH	WOH	WOH						720(DH)-1		-0.9	MUCK, gray (10YR5/1), very soft, moist, organics, trace roots, strong HCl reaction	
-4.4	3.5										720(DH)-2		-3.9	LIMESTONE, boundstone, very pale brown (10YR8/2), soft, moist, strong HCl reaction, oolitic (Miami Formation)	
-6.9	6.0	12	16	14							720(DH)-3			6.0ft: white (10YR8/1), very soft	
-9.4	8.5	6	7	6							720(DH)-4				
-11.9	11.0	3	4	2							720(DH)-5				
-14.4	13.5	3	4	4							720(DH)-6			13.5ft: moderately hard, vugs	
		7	8	38											
-19.4	18.5	5	5	7							720(DH)-7			18.5ft: very soft, trace interbedded sand	
-24.4	23.5	9	9	22							720(DH)-8			23.5ft: medium hard	
-29.4	28.5										720(DH)-9		-26.9	LIMESTONE, boundstone, white (10YR8/1), hard, moist, strong HCl reaction, oolitic (Upper Fort Thompson Formation)	
-30.7	29.8	24	48	50/0.3							RUN-1			29.8ft: Switch sampling method to coring	
														29.8ft: moderately hard, moderately indurated, fossiliferous, vugs filled with cemented sand and shell fragments	
-34.3	33.4										RUN-2			33.4ft: hard, indurated, few vugs, coralline	
-39.3	38.4										RUN-3			38.4ft: loss of circulation	
-44.3	43.4										RUN-4			43.4ft: white (10YR8/1) to 46.8ft, then gray (10YR6/1) to 48.4ft	
-49.3	48.4										RUN-5		-49.3	LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, strong HCl reaction, few to little shell molds and casts (Lower Fort Thompson Formation)	
-54.3	53.4										RUN-6			53.4ft: moderately hard, moderately indurated, little vugs, trace sand	
-59.3	58.4										RUN-7			58.4ft: few vugs	
-64.3	63.4										RUN-8		-61.9	POORLY GRADED SAND (SP), light gray (10YR7/1), soft, moist, fine grained sand, and interbedded LIMESTONE, boundstone, white (10YR8/1), moderately hard, moderately indurated, trace vugs, few to little sand	
-69.3	68.4										RUN-9			68.4ft: fine to medium grained sand, some shell fragments, few to little friable	
-71.3	70.4										RUN-10		-71.3	LIMESTONE fragments, strong HCl reaction	
														LIMESTONE, boundstone, white (10YR8/1), moderately hard, moderately indurated, few	
-74.3	73.4										RUN-11				