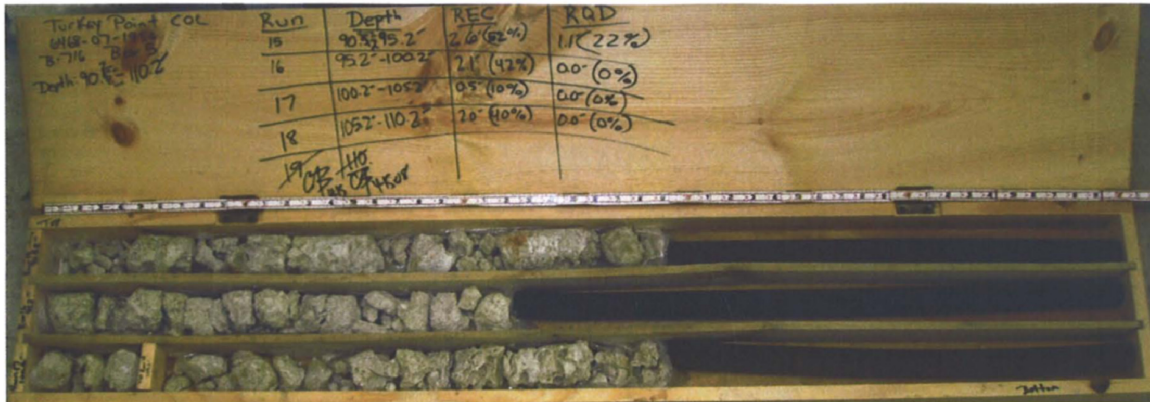
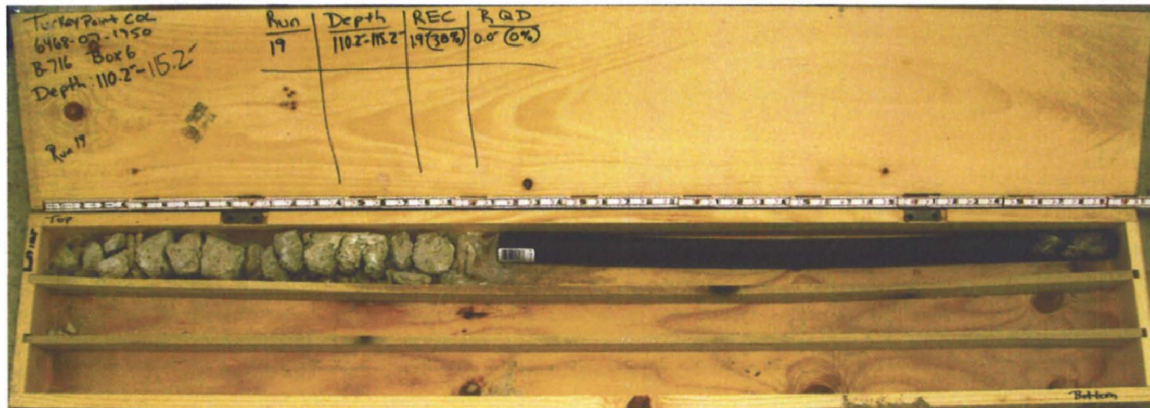




B-716 - Box 5



B-716 - Box 6



GEOTECHNICAL BORING LOG

Prepared By 224 Date 8-19-08Checked By 502 Date 8/19/08

SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409					MACTEC PROJECT NO.: 6468-07-1950					COUNTY: Miami-Dade			GEOLOGIST: M. Lear				
SITE DESCRIPTION: Turkey Point COL					DRILL MACHINE: CME-550 (ATL)					DRILLER: L. Carter/ J. Landeros					GROUND WATER (ft)		
BORING NO.: B-717					DRILL METHOD: Mud Rotary/ Core					SAMPLE METHODS: SPT/Core					0 HR. NA		
GROUND ELEV.: -1.1 ft (NAVD88)					NORTHING: 397,287 US ft (NAD83/90)					EASTING: 875,873 US ft (NAD83/90)					24 HR. NA		
TOTAL DEPTH: 127.2 ft			BORING DIAMETER: 4" to 18.3', 3" to 127.2'					CASING DEPTH: 4" to 18.3', 3" to 118.1'					HAMMER (ID):140 lb. Auto (MEC-03)				
DATE STARTED: 4/15/08			COMPLETED: 4/17/08			CORE SIZE: HQ3			BITS USED: 3" & 4" Tricones								
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	▼ MOI	L O G	SOIL AND ROCK DESCRIPTION				
		0.5ft	0.5ft	0.5ft	0	20	40	60	80	100							
-1.1					Ground Surface								-1.1		0.0		
-1.1	0.0	WOH	WOH	WOH	0						717-1						
-3.7	2.6										717-2A&B			-4.7	3.6		
-6.1	5.0	WOH	1	16							717-3						
-8.5	7.4	8	6	6							717-4						
-11.1	10.0	5	4	7							717-5						
-13.6	12.5	7	5	9							717-6						
-15.9	14.8	4	14	14							717-7						
		18	17	46													
-20.5	19.4																
-21.0	19.9	50/0.5									717-8 RUN-1						
-24.2	23.1										RUN-2						
-29.2	28.1										RUN-3			-26.1	25.0		
-34.2	33.1										RUN-4						
-39.2	38.1										RUN-5						
-44.2	43.1										RUN-6						
-49.2	48.1										RUN-7			-50.0	48.9		
-54.2	53.1										RUN-8						
-59.2	58.1										RUN-9						
-64.2	63.1										RUN-10						
-69.2	68.1										RUN-11			-67.0	65.9		
-74.2	73.1										RUN-12			-70.7	69.6		

TURKEY POINT COL BORE, TURKEY POINT GP, TURKEY POINT COL GDT 8:19:08



SHEET 2 OF 2

BECHTEL PROJECT NO.: 25409			MACTEC PROJECT NO.: 6468-07-1950			COUNTY: Miami-Dade			GEOLOGIST: M. Lear			
SITE DESCRIPTION: Turkey Point COL			DRILL MACHINE: CME-550 (ATL)			DRILLER: L. Carter/ J. Landeros			GROUND WATER (ft)			
BORING NO.: B-717			DRILL METHOD: Mud Rotary/ Core			SAMPLE METHODS: SPT/Core			0 HR. NA			
GROUND ELEV.: -1.1 ft (NAVD88)			NORTHING: 397,287 US ft (NAD83/90)			EASTING: 875,873 US ft (NAD83/90)			24 HR. NA			
TOTAL DEPTH: 127.2 ft			BORING DIAMETER: 4" to 18.3', 3" to 127.2'			CASING DEPTH: 4" to 18.3', 3" to 118.1'			HAMMER (ID): 140 lb. Auto (MEC-03)			
DATE STARTED: 4/15/08			COMPLETED: 4/17/08			CORE SIZE: HQ3			BITS USED: 3" & 4" Tricones			
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80	100	MOI	
-75.9					Continued from previous page							
-79.2	78.1									RUN-13		73.1ft: light gray (10YR7/1), to white (7.5YR8/1) 75.0 to 76.0ft: possible interbedded sand layer LIMESTONE, boundstone, light gray (10YR7/1), moderately hard, moderately indurated, trace vugs, fossiliferous, strong HCl reaction, sandy (continued) 78.1ft: white (7.5YR8/1) 83.1ft: few shell molds and casts
-84.2	83.1									RUN-14		
-89.2	88.1									RUN-15		
-94.2	93.1									RUN-16		
-99.2	98.1									RUN-17		93.1ft: indurated, little to some shell molds and casts
-104.2	103.1									RUN-18		
-109.2	108.1									RUN-19		
-114.2	113.1									RUN-20		
-119.2	118.1	28	27	27						717-9		115.1ft: SANDSTONE, light greenish gray (10Y7/1), medium hard, moderately indurated, trace shell fragments, strong HCl reaction (Tamiami Formation) 118.1ft: Silty SAND (SM), greenish gray (10Y5/1), very dense, wet, fine grained sand, little fines, strong HCl reaction, trace shell fragments 118.1ft: Switch sampling method to SPT
-126.8	125.7	6	9	14						717-10		
												125.7ft: medium dense, weak HCl reaction, trace limestone fragments Boring Terminated at Elevation -128.3 ft

TURKEY POINT COL BORE TURKEY POINT GPJ TURKEY POINT COL GDT 8/19/08