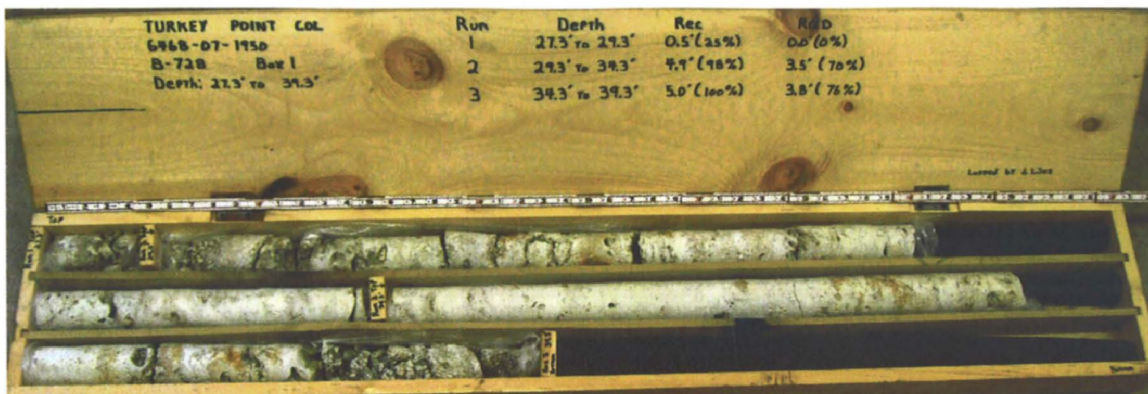
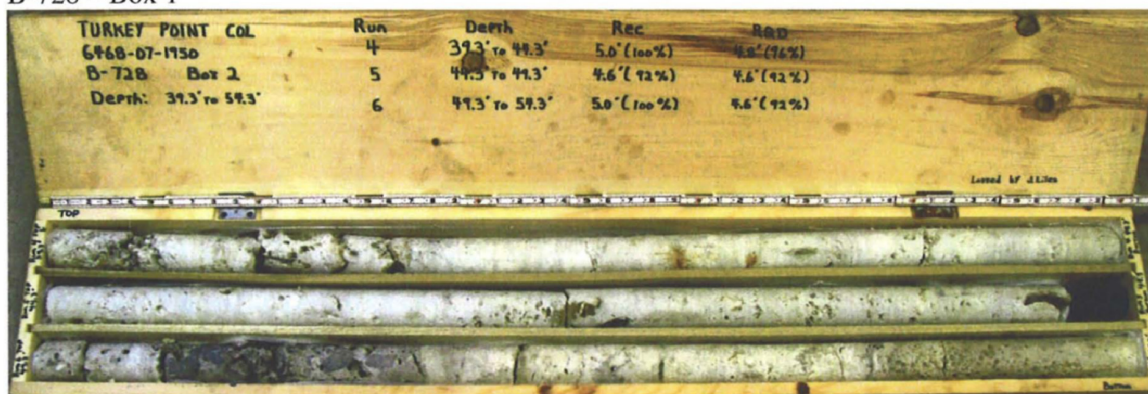




B-728 - Box 1



B-728 - Box 2



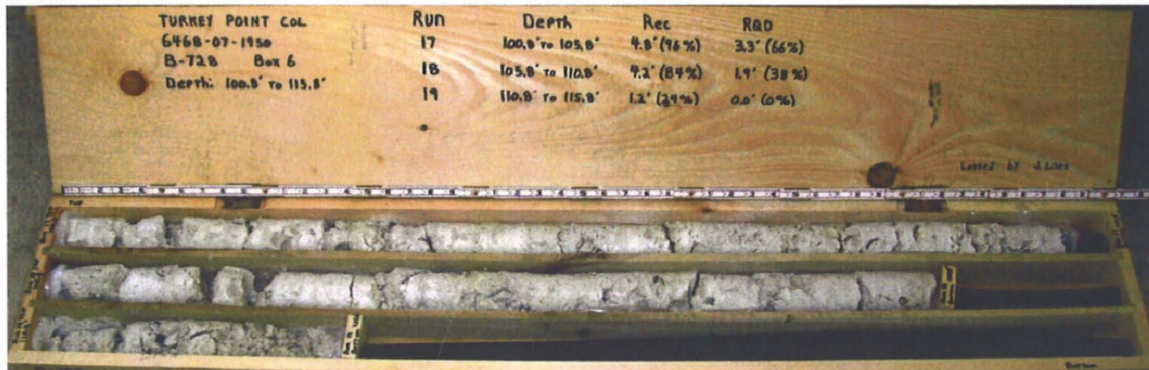
B-728 - Box 3



B-728 - Box 4



B-728 - Box 5



B-728 - Box 6



GEOTECHNICAL BORING LOG

Prepared By PPA Date 5-3-08
Checked By PPA Date 5-3-08

SHEET 1 OF 2

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/ C. White		GROUND WATER (ft)							
BORING NO.: B-729		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA							
GROUND ELEV.: -1.2 ft (NAVD88)		NORTHING: 396,971 US ft (NAD83/90)		EASTING: 875,493 US ft (NAD83/90)		24 HR. NA							
TOTAL DEPTH: 100.9 ft		BORING DIAMETER: 4" to 30.0', 3" to 100.9'		CASING DEPTH: 4" to 30.0'		HAMMER (ID): 140 lb. Auto (M06)							
DATE STARTED: 3/7/08		COMPLETED: 3/11/08		CORE SIZE: HQ3		BITS USED: 2 7/8" Roller Cone							
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			
-1.2	0.0	WOH	WOH	WOH	Ground Surface					729-1		-1.2	0.0
-3.7	2.5	WOH	4	4	SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA					729-2A/B		-4.5	3.3
-6.2	5.0	2	7	10						729-3			
-8.5	7.3	2	12	5						729-4			
-10.7	9.5	2	5	8						729-5			
-13.2	12.0	2	11	12						729-6		12.0ft: soft	
-15.8	14.6	2	14	28						729-7		14.6ft: medium hard	
-21.5	20.3	3	5	11						729-8		20.3ft: very soft	
-26.3	25.1	3	8	12						729-9		-25.2	24.0
-32.5	31.3	17	50/0.1							729-10		LIMESTONE, boundstone, white (2.5Y7/1), very soft, wet, strong HCl reaction, trace coral (Upper Fort Thompson Formation)	
-33.1	31.9									RUN-1		31.3ft: hard 31.9ft: Switch sampling method to coring 31.9ft: white (2.5Y8/1), hard, indurated, strong HCl reaction, little vugs, coralline	
-37.1	35.9									RUN-2		35.9ft: recrystallized calcite	
-42.1	40.9									RUN-3		40.9ft: very hard, extremely indurated	
-47.1	45.9									RUN-4		45.9ft: white (2.5Y8/1) to 48.1ft, then light gray (10YR7/1) to 50.9 ft, some vugs	
-52.1	50.9									RUN-5		-52.1	50.9
-57.1	55.9									RUN-6		LIMESTONE, boundstone, white (2.5Y8/1), very hard, extremely indurated, little vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation)	
-62.1	60.9									RUN-7		55.9ft: moderately hard, moderately indurated	
-67.1	65.9									RUN-8		65.9 to 70.1ft: medium hard 70.1ft: hard, indurated, some vugs	
-72.1	70.9									RUN-9			

TURKEY POINT COL BORE, TURKEY POINT GP, TURKEY POINT COL GDF 5-30-08