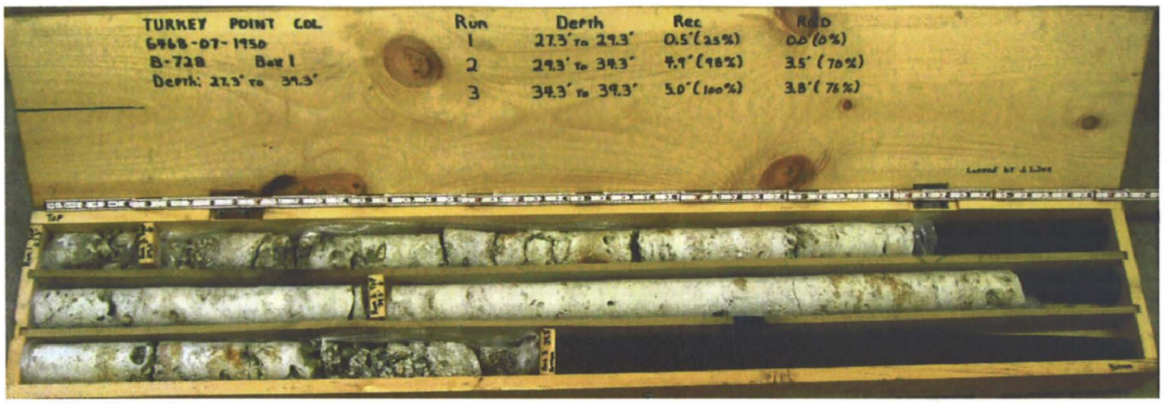
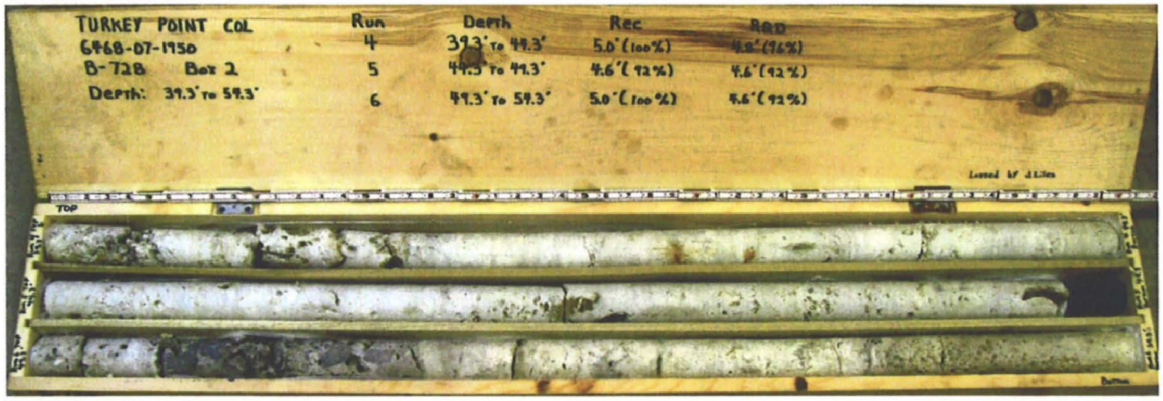
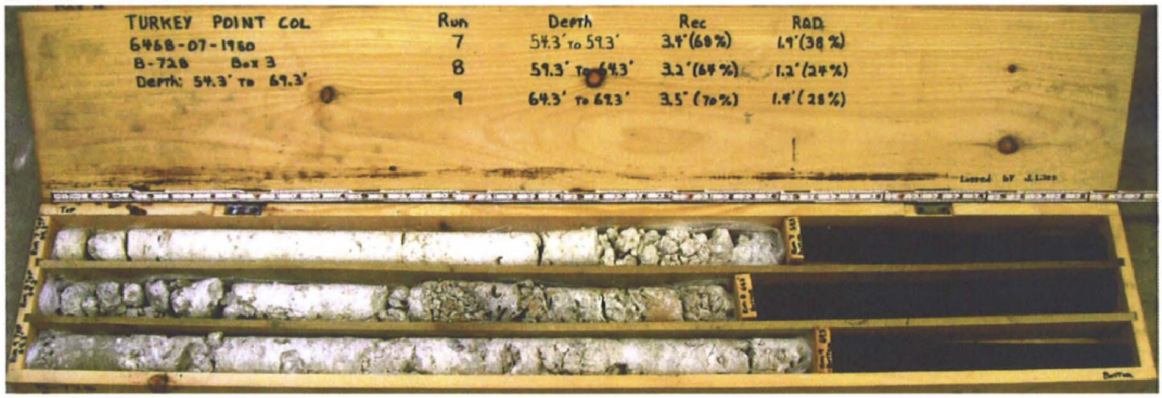


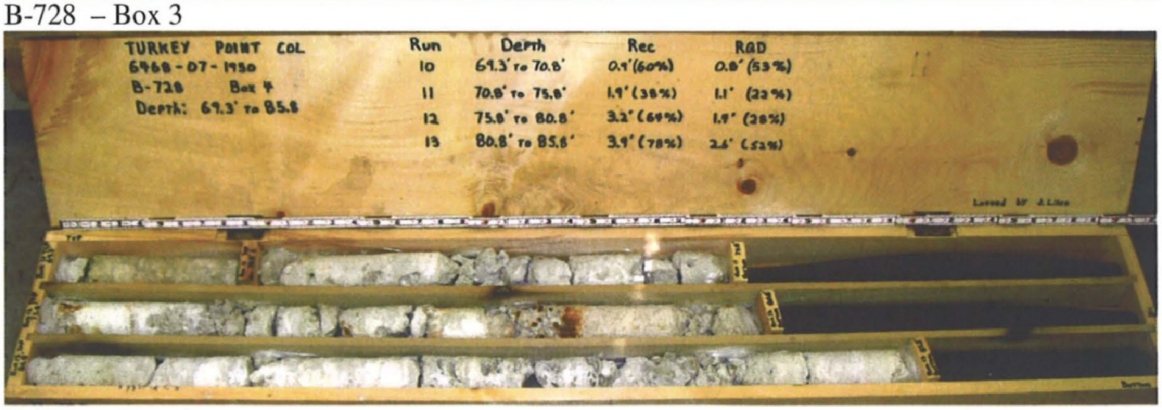
B-728 – Box 1



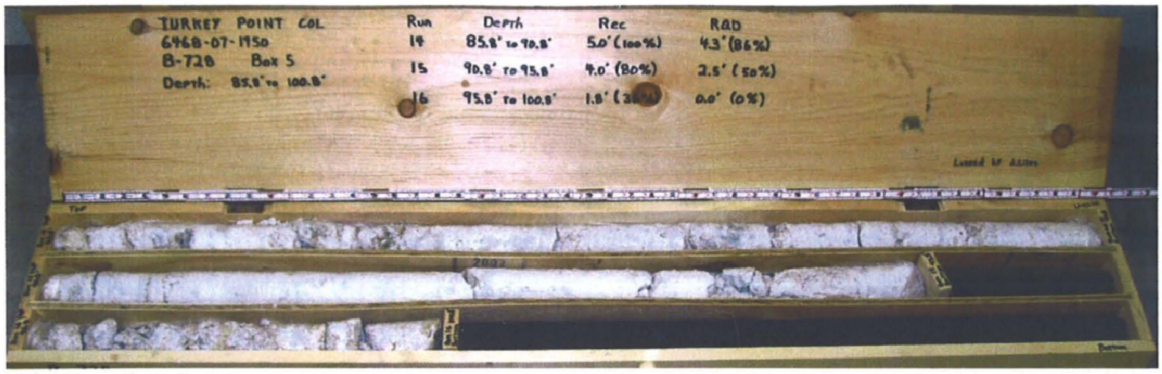
B-728 – Box 2



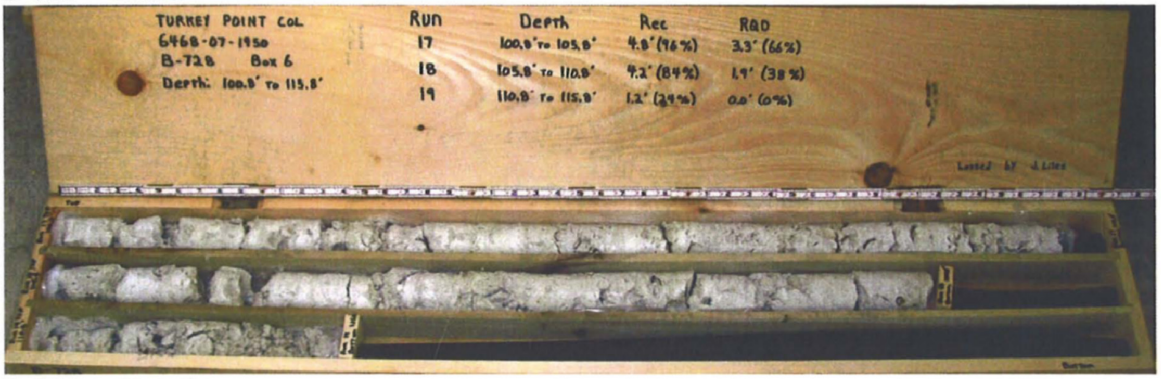
B-728 – Box 3



B-728 – Box 4



B-728 – Box 5



B-728 – Box 6

MACTEC

GEOTECHNICAL BORING LOG

Prepared By [illegible] Date 5-30-08
Checked By [illegible] Date 5-30-08

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 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT (0 20 40 60 80 100)	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
-1.2					Ground Surface				-1.2 / 0.0
-1.2 / -3.7	0.0 / 2.5	WOH	WOH	WOH	0 WOH	729-1			MUCK. very dark gray (2.5Y3/2), very soft, wet, organics, strong HCl reaction, fibrous
-6.2	5.0	WOH	4	4	8	729-2A/B			-4.5 / 3.3 2.5ft: soft
-8.5	7.3	2	7	10	17	729-3			LIMESTONE, boundstone, light gray (2.5Y7/2), very soft, wet, strong HCl reaction (Miami Formation) 5.0ft: white (10YR7/1), oolitic
-10.7	9.5	2	12	5	17	729-4			
-13.2	12.0	2	5	8	13	729-5			
-15.8	14.6	2	11	12	23	729-6			12.0ft: soft
-21.5	20.3	2	14	28	42	729-7			14.6ft: medium hard
-26.3	25.1	3	5	11	16	729-8			20.3ft: very soft
-32.5	31.3	3	8	12	20	729-9			-25.2 / 24.0 LIMESTONE, boundstone, white (2.5Y7/1), very soft, wet, strong HCl reaction, trace coral (Upper Fort Thompson Formation) 31.3ft: hard
-33.1	31.9	17	50/0.1		67/0.6	729-10 RUN-1			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 LIMESTONE, boundstone, white (2.5Y8/1), very hard, extremely indurated, little vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation)
-57.1	55.9					RUN-6			55.9ft: moderately hard, moderately indurated
-62.1	60.9					RUN-7			
-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			

SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 5/30/08