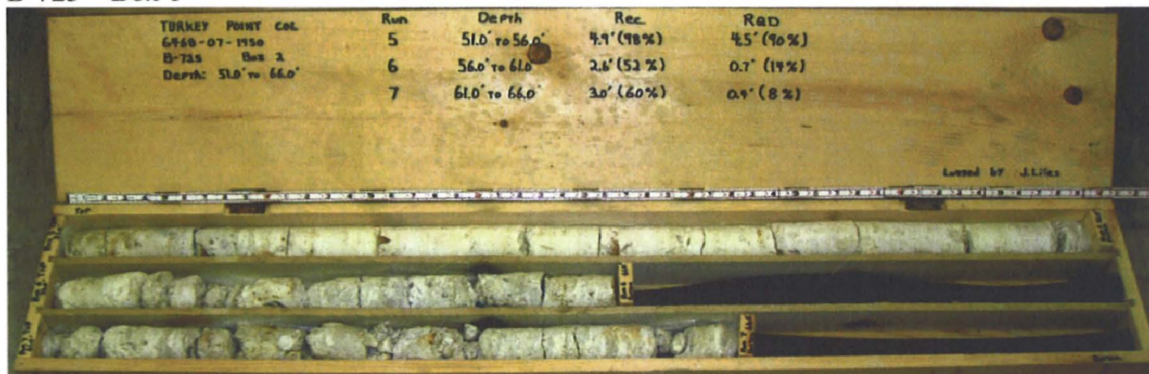
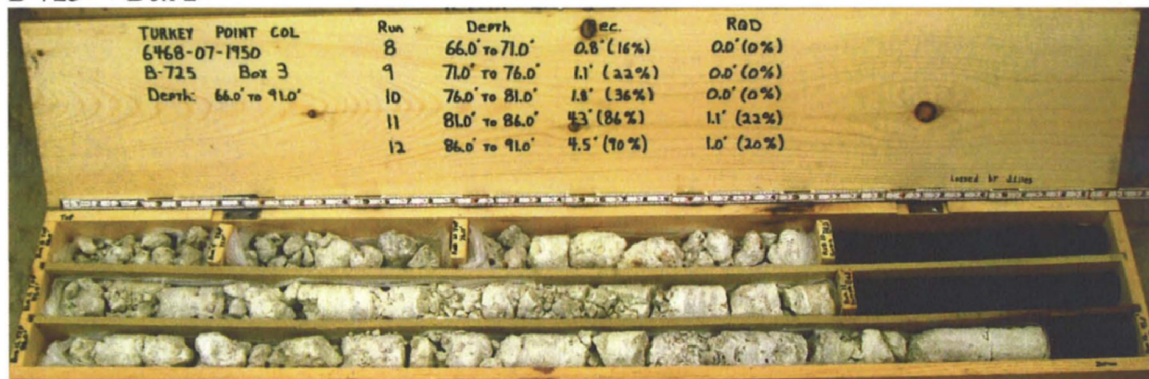




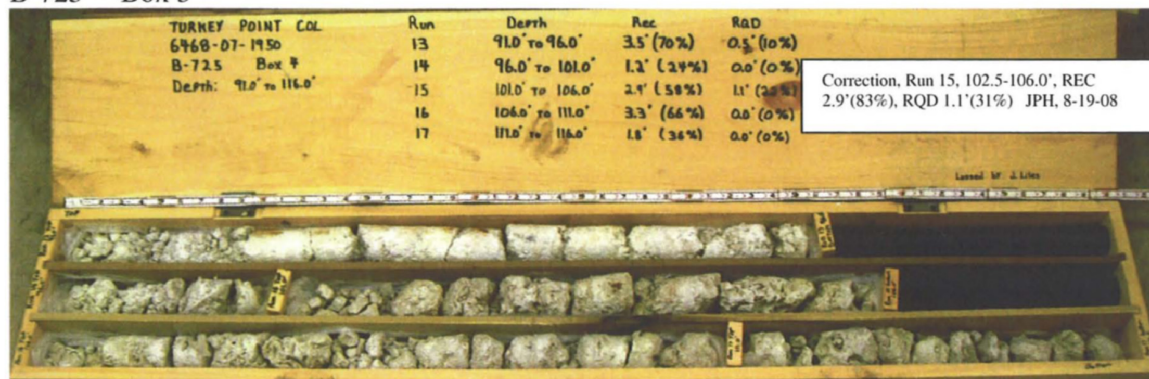
B-725 - Box 1



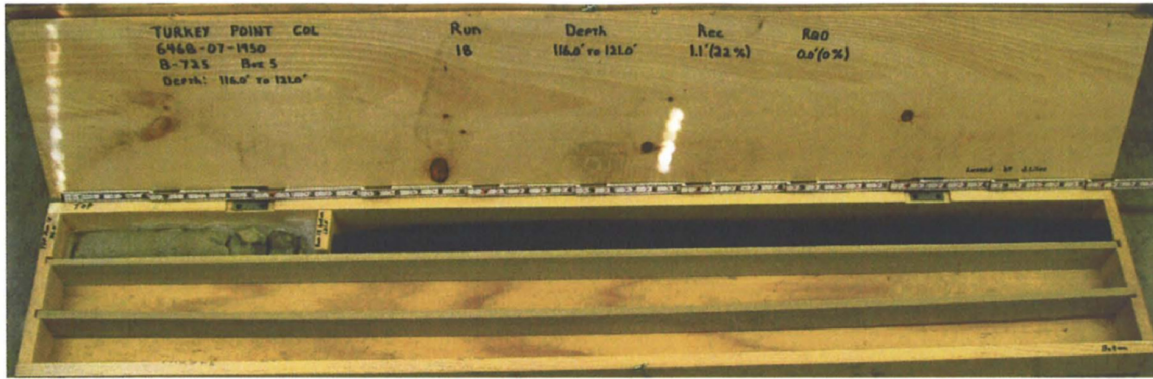
B-725 - Box 2



B-725 - Box 3



B-725 - Box 4



B-725 - Box 5



GEOTECHNICAL BORING LOG

Prepared By JPM Date 5-30-08Checked By JPM Date 5-30-08

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-726					DRILL METHOD: Mud Rotary/ Core					SAMPLE METHODS: SPT/Core				0 HR. NA	
GROUND ELEV.: -1.4 ft (NAVD88)					NORTHING: 396,876 US ft (NAD83/90)					EASTING: 876,004 US ft (NAD83/90)				24 HR. NA	
TOTAL DEPTH: 100.5 ft			BORING DIAMETER: 4" to 25.2', 3" to 100.5'					CASING DEPTH: 4" to 25.2'				HAMMER (ID): 140 lb. Auto (M06)			
DATE STARTED: 3/12/08			COMPLETED: 3/13/08			CORE SIZE: HQ3			BITS USED: 2 7/8" Roller Cone						
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT						SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80	100					
-1.4					Ground Surface										
-1.4	0.0	WOH	WOH	WOH	0						726-1			-1.4	0.0
-4.1	2.7										726-2A&B			-4.7	3.3
-6.3	4.9	WOH	14	14							726-3			LIMESTONE, boundstone, white (2.5Y8/1), soft, wet, trace sand, strong HCl reaction (Miami Formation)	
-8.7	7.3	9	8	9							726-4			4.9ft: very soft, oolitic	
-11.3	9.9	8	6	3							726-5				
-13.9	12.5	2	4	4							726-6				
-16.4	15.0	9	10	8							726-7			15.0ft: medium dense	
		8	11	34											
-21.2	19.8	3	5	10							726-8			19.8ft: very soft	
-28.4	27.0	20	40	43							726-9			-25.4	24.0
														LIMESTONE, boundstone, white (2.5Y8/1), hard, wet, strong HCl reaction (Upper Fort Thompson Formation)	
-32.5	31.1													29.0ft: loss of circulation	
-33.9	32.5	5	9	50/0.4							726-10			32.5: Switch sampling method to coring	
-34.9	33.5										RUN-1			32.5ft: white (2.5Y8/1), hard, indurated, fossiliferous, strong HCl reaction, some vugs	
											RUN-2			33.5ft: little vugs, trace coralline	
-39.9	38.5														
											RUN-3			38.5ft: trace recrystallized calcite, coralline	
-44.9	43.5														
											RUN-4			43.5ft: white (2.5Y8/1) to 46.2ft, then light gray (10Y7/1) to 48.5ft, few vugs	
-49.9	48.5													-49.9	48.5
											RUN-5			LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation)	
-54.9	53.5													53.5ft: trace vugs	
											RUN-6			56.0 to 73.0ft: possible sand interbeds as indicated by zones of fast drilling	
-59.9	58.5													58.5ft: sandy, possible interbedded sand layers based on rapid drill rates from 58.5ft to 60.0ft	
											RUN-7				
-64.9	63.5													63.5ft: possible interbedded sand layers based on rapid drill rates and poor recovery	
											RUN-8				
-69.9	68.5													68.5ft: possible interbedded sand layers based on rapid drill rates and poor recovery	
											RUN-9				
-74.9	73.5														
											RUN-10				

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