



B-732 - Box 5



GEOTECHNICAL BORING LOG

Prepared By JPJ Date 5-30-08

Checked By JPJ Date 5-30-08

SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409					MACTEC PROJECT NO.: 6468-07-1950					COUNTY: Miami-Dade			GEOLOGIST: L. Bisson		
SITE DESCRIPTION: Turkey Point COL					DRILL MACHINE: CME-550 (ATL)					DRILLER: L. Carter/ J. Landeros				GROUND WATER (ft)	
BORING NO.: B-733					DRILL METHOD: Mud Rotary/ Core					SAMPLE METHODS: SPT/Core				0 HR. NA	
GROUND ELEV.: -1.0 ft (NAVD88)					NORTHING: 396,118 US ft (NAD83/90)					EASTING: 875,898 US ft (NAD83/90)				24 HR. NA	
TOTAL DEPTH: 103.5 ft			BORING DIAMETER: 4" to 28.0', 3" to 103.5'					CASING DEPTH: 4" to 28.0'				HAMMER (ID): 140 lb. Auto (MEC-03)			
DATE STARTED: 5/15/08			COMPLETED: 5/17/08			CORE SIZE: HQ3			BITS USED: 3" Roller Cone						
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					
-1.0					Ground Surface										
-1.0	0.0	WOH	WOH	WOH	0						733-1			MUCK - no recovery	
-3.5	2.5										733-2			LIMESTONE, boundstone, white (10YR8/1), to gray (10YR6/1), soft, wet, trace sand, oolitic, strong HCl reaction (Miami Formation)	
-6.0	5.0	9	9	12							733-3			5.0ft: white (10YR8/1), very soft	
-8.5	7.5	9	8	5							733-4			7.5ft: white (10YR8/1), to light gray (10YR7/2), fossiliferous	
-11.0	10.0	8	4	3							733-5			10.0ft: white (2.5Y8/1), to light gray (2.5Y7/1), trace vugs	
-13.5	12.5	3	7	3							733-6			12.5ft: white (10YR8/1), to very pale brown (10YR8/2), soft	
-16.0	15.0	10	14	8							733-7			15.0ft: white (10YR8/10), soft	
-19.4	18.4	2	3	4							733-8				
-24.4	23.4	7	5	7							733-9				
-29.4	28.4	4	2	6							733-10			LIMESTONE, boundstone, pale yellow (2.5Y8/2), hard, wet, coralline, little vugs, strong HCl reaction (Upper Fort Thompson Formation)	
-30.9	29.9	15	44	50/0.5						94/1.0	RUN-1			29.9ft: Switch sampling method to coring	
-34.5	33.5										RUN-2			29.9ft: white (10YR8/1), indurated, some vugs, recrystallized calcite	
-39.5	38.5										RUN-3			32.0ft: loss of circulation	
-44.5	43.5										RUN-4			33.5ft: little vugs	
-49.5	48.5										RUN-5			38.5ft: white (10YR8/1), to light gray (10YR7/1), few vugs	
-54.5	53.5										RUN-6			43.5ft: white (10YR8/1), to light gray (10YR7/2), moderately hard, moderately indurated, trace sand	
-59.5	58.5										RUN-7			LIMESTONE, boundstone, light gray (10YR7/2), to white (10YR8/1), hard, indurated, fossiliferous, trace vugs, strong HCl reaction (Lower Fort Thompson Formation)	
-64.5	63.5										RUN-8			53.5ft: white (10YR8/1)	
-69.5	68.5										RUN-9			58.5ft: mottled light greenish gray (10Y7/1), moderately hard, moderately indurated	
-74.5	73.5										RUN-10			63.5ft: light gray (10YR7/1)	
														66.0 to 93.5ft: possible interbedded sand; based on drilling rates and recovery	
														68.5ft: white (10YR8/1)	

TURKEY POINT COL BORE TURKEY POINT GPJ TURKEY POINT COL GDI 5/30/08

TURKEY POINT COL BORE TURKEY POINT C/PJ TURKEY POINT COL GDT 5:30/08