



SHEET 2 OF 2

BECHTEL PROJECT NO.: 25409				MACTEC PROJECT NO.: 6468-07-1950				COUNTY: Miami-Dade		GEOLOGIST: S. Lehman	
SITE DESCRIPTION: Turkey Point COL				DRILL MACHINE: CME-45C (RAL)				DRILLER: D. Rhodes/ K. Guy		GROUND WATER (ft)	
BORING NO.: B-738				DRILL METHOD: Mud Rotary/ Core				SAMPLE METHODS: SPT/Core		0 HR. NA	
GROUND ELEV.: 0.1 ft (NAVD88)				NORTHING: 397,728 US ft (NAD83/90)				EASTING: 875,607 US ft (NAD83/90)		24 HR. NA	
TOTAL DEPTH: 101.2 ft				CASING DEPTH: 4" to 13.5'				HAMMER (ID): 140 lb. Auto (MEC-12)			
DATE STARTED: 4/10/08				COMPLETED: 4/17/08				CORE SIZE: HQ3		CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)	

ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN		SAMP. NO.	STRATA		LOG	DESCRIPTION AND REMARKS
				REC (ft) %	RQD (ft) %		REC (ft) %	RQD (ft) %		
										Continued from previous page
-96.0	96.1		0:32 0:29 0:10	57%	31%					LIMESTONE, boundstone, white (2.5Y8/1), soft to hard, friable to indurated, possible interbedded sand layers (continued)
		4.8	0:59/0.2	(1.8)	(0.0)	RUN-17				
			0:34/0.8 0:41 0:40 1:02 1:40	38%	0%					
-100.8	100.9									-100.8 100.9ft: hard, indurated Coring Terminated at Elevation -100.8

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 7/10/08



B-738 - Box 1



B-738 - Box 2



B-738 - Box 3



GEOTECHNICAL BORING LOG

Prepared By PM Date 7-10-08Checked By PM Date 7-10-08

SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409				MACTEC PROJECT NO.: 6468-07-1950				COUNTY: Miami-Dade				GEOLOGIST: R. Clark			
SITE DESCRIPTION: Turkey Point COL				DRILL MACHINE: CME-750 (Miller)				DRILLER: G.Bilbrey/P.McKorkle/J.Tucker				GROUND WATER (ft)			
BORING NO.: B-739				DRILL METHOD: Mud Rotary/ Core				SAMPLE METHODS: SPT/Core				0 HR.		NA	
GROUND ELEV.: -1.6 ft (NAVD88)				NORTHING: 396,963 US ft (NAD83/90)				EASTING: 876,150 US ft (NAD83/90)				24 HR.		NA	
TOTAL DEPTH: 101.0 ft				BORING DIAMETER: 4" to 31.0', 3" to 101.0'				CASING DEPTH: 4" to 31.0'				HAMMER (ID):140 lb. Auto (07)			
DATE STARTED: 2/22/08				COMPLETED: 2/24/08				CORE SIZE: HQ3				BITS USED: 2 15/16" Tricone			
ELEV.	DEPTH	BLOW COUNT			BLOWS PER FOOT						SAMP.	LOG	SOIL AND ROCK DESCRIPTION		
(ft)	(ft)	0.5ft	0.5ft	0.5ft	0	20	40	60	80	100	NO.	MOI			
-1.6					Ground Surface										
-1.6	0.0	WOH	WOH	WOH							739-1			-1.6	0.0
-4.1	2.5										739-2			-4.6	3.0
		WOH	8	50/0.3											
-7.1	5.5										739-3				
-8.9	7.3	5	9	7							739-4				
		14	16	7											
-11.5	9.9										739-5				
-14.0	12.4	5	3	4							739-6				
		15	10	7											
-17.2	15.6										739-7				
-18.0	16.4	18	50/0.3								RUN-1				
-22.4	20.8										RUN-2				
-27.9	26.3	5	4	15							739-8				
-32.1	30.5										739-9				
-32.6	31.0	50/0.5									RUN-3				
-37.6	36.0										RUN-4				
-42.6	41.0										RUN-5				
-47.6	46.0										RUN-6				
-52.6	51.0										RUN-7				
-57.6	56.0										RUN-8				
-62.6	61.0										RUN-9				
-67.6	66.0										RUN-10				
-72.6	71.0										RUN-11				

TURKEY POINT COL BORE TURKEY POINT COL GDT 7/10/08