



B-710 (DH) - Box 5



B-710 (DH) - Box 6



B-710 (DH) - Box 7



GEOTECHNICAL BORING LOG

Prepared By [Signature] Date 7-10-08Checked By [Signature] Date 7-10-08

SHEET 1 OF 1

BECHTEL PROJECT NO.: 25409			MACTEC PROJECT NO.: 6468-07-1950			COUNTY: Miami-Dade			GEOLOGIST: S. Lehman				
SITE DESCRIPTION: Turkey Point COL			DRILL MACHINE: CME-550 (CLT)			DRILLER: J. Warren/ C. Sloan/ M. Harvey			GROUND WATER (ft)				
BORING NO.: B-710(DH)R			DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT			0 HR. NA				
GROUND ELEV.: -1.3 ft (NAVD88)			NORTHING: 397,087 US ft (NAD83/90)			EASTING: 875,782 US ft (NAD83/90)			24 HR. NA				
TOTAL DEPTH: 15.0 ft			BORING DIAMETER: 3" to 15'			CASING DEPTH: 0.0			HAMMER (ID): 140 lb. Auto (MEC-04)				
DATE STARTED: 4/22/08			COMPLETED: 4/22/08			CORE SIZE:			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	MOI		G
					Ground Surface								0.0
	0.0	WOH	WOH	WOH	●0								
	3.5				●16								2.5
	6.0	11	9	7									
	8.5	5	10	14	●24								
	11.0	5	5	3	●8								
	13.5	20	8	13	●21								
		3	8	34	●42								15.0
SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA													
This boring drilled to amend standard penetration tests performed in boring B-710(DH) from 0.0 to 15.0ft, which were invalid due to nonconforming hammer drop distance. MUCK, dark grayish brown (2.5Y4/2), to black (2.5Y2.5/1), very soft, wet, organics, strong HCl reaction LIMESTONE, boundstone, white (2.5Y8/1), very soft, moderately indurated, oolitic, strong HCl reaction (Miami Formation) 6.0ft: white (2.5Y8/1), to gray (2.5Y6/1), soft 8.5ft: white (2.5Y8/1), very soft 11.0ft: soft 13.5ft: medium hard Boring Terminated at Depth 15.0 ft													

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



SHEET 1 OF 1

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: S. Lehman
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (CLT)	DRILLER: J. Warren/ C. Sloan/ M. Harvey	GROUND WATER (ft)
BORING NO.: B-710(DH)R	DRILL METHOD: Mud Rotary	SAMPLE METHODS: SPT	0 HR. NA
GROUND ELEV.: -1.3 ft (NAVD88)	NORTHING: 397,087 US ft (NAD83/90)	EASTING: 875,782 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 15.0 ft	CASING DEPTH: 0.0	HAMMER (ID): 140 lb. Auto (MEC-04)	
DATE STARTED: 4/22/08	COMPLETED: 4/22/08	CORE SIZE:	CORE BARREL TYPE: NA

ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN		SAMP. NO.	STRATA		L O G	DESCRIPTION AND REMARKS
				REC. (ft) %	RQD (ft) %		REC. (ft) %	RQD (ft) %		
	0.0									Ground Surface
			N=0			710(DH)R-1				This boring drilled to amend standard penetration tests performed in boring B-710(DH) from 0.0 to 15.0ft, which were invalid due to nonconforming hammer drop distance.
			N=16			710(DH)R-2				MUCK, dark grayish brown (2.5Y4/2), to black (2.5Y2.5/1), very soft, wet, organics, strong HCl reaction
			N=24			710(DH)R-3				LIMESTONE, boundstone, white (2.5Y8/1), very soft, moderately indurated, oolitic, strong HCl reaction (Miami Formation)
			N=8			710(DH)R-4				6.0ft: white (2.5Y8/1), to gray (2.5Y6/1), soft
			N=21			710(DH)R-5				8.5ft: white (2.5Y8/1), very soft
			N=42			710(DH)R-6				11.0ft: soft
										13.5ft: medium hard

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