



SHEET 1 OF 2

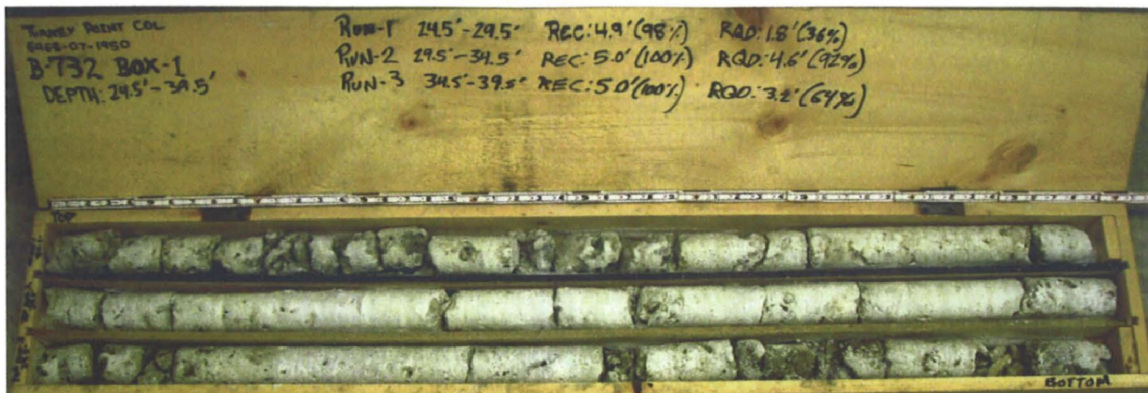
BECHTEL PROJECT NO.: 25409				MACTEC PROJECT NO.: 6468-07-1950				COUNTY: Miami-Dade		GEOLOGIST: R. Clark		
SITE DESCRIPTION: Turkey Point COL				DRILL MACHINE: CME-750 (Miller)				DRILLER: G.Bilbrey/P.McKorkle/J.Tucker			GROUND WATER (ft)	
BORING NO.: B-732				DRILL METHOD: Mud Rotary/ Core				SAMPLE METHODS: SPT/Core			0 HR. NA	
GROUND ELEV.: -1.0 ft (NAVD88)				NORTHING: 396,412 US ft (NAD83/90)				EASTING: 875,682 US ft (NAD83/90)		24 HR. NA		
TOTAL DEPTH: 104.5 ft				CASING DEPTH: 4" to 24.5'						HAMMER (ID): 140 lb. Auto (07)		
DATE STARTED: 5/14/08		COMPLETED: 5/18/08		CORE SIZE: HQ3		CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)						
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN REC. (ft) %		RQD (ft) %	SAMP. NO.	STRATA REC. (ft) %		RQD (ft) %	L O G	DESCRIPTION AND REMARKS
												Begin Coring @ 24.5 ft
-25.5	24.5	5.0	2:54 2:50 5:13 6:38 10:21	(4.9) 98%	(1.8) 36%		RUN-1	(22.9) 97%	(16.7) 71%			-25.5 LIMESTONE, boundstone, white (5Y8/1), hard, indurated, wet, strong HCl reaction, fossiliferous, coralline, some shell molds and casts, little vugs, recrystallized calcite (Upper Fort Thompson Formation) 24.5
-30.5	29.5	5.0	3:21 3:43 3:19 2:55 3:15	(5.0) 100%	(4.6) 92%		RUN-2					29.5ft: few vugs, loss of circulation
-35.5	34.5	5.0	2:19 2:31 2:15 1:43 3:22	(5.0) 100%	(3.2) 64%		RUN-3					35.0ft: return of circulation 37.5ft: loss of circulation
-40.5	39.5	5.0	3:10 2:57 2:25 2:37 2:55	(4.5) 90%	(4.5) 90%		RUN-4					
-45.5	44.5	5.0	1:53 1:01 1:37 2:25 2:25	(5.0) 100%	(3.8) 76%		RUN-5					44.5ft: white (5Y8/1) to 46.5ft, then gray (5Y6/1) to 48.0ft
-50.5	49.5	5.0	2:21 1:50 1:59 1:45 2:27	(5.0) 100%	(3.5) 70%		RUN-6	(30.5) 69%	(9.0) 20%			-49.0 LIMESTONE, boundstone, very pale brown (10YR8/2), to white (5Y8/1), hard, indurated, few vugs, fossiliferous, few to little gastropod shell molds and casts (Lower Fort Thompson Formation) 48.0 49.5ft: very pale brown (10YR8/2) to white (5Y8/2)
-55.5	54.5	5.0	1:45 1:48 1:44 3:41 3:49	(3.0) 60%	(0.0) 0%		RUN-7					54.5ft: white (5Y8/1)
-60.5	59.5	5.0	1:27 1:05 1:11 1:14 1:51	(4.0) 80%	(2.5) 50%		RUN-8					
-65.5	64.5	5.0	0:23 0:23 1:45 0:55 0:11	(1.4) 28%	(0.0) 0%		RUN-9					64.5 to 70.5ft: moderately hard, with possible interbedded sand layers
-70.5	69.5	5.0	1:35 1:33 1:01 1:56 1:58	(2.8) 56%	(0.6) 12%		RUN-10					70.5ft: hard, some sand
-75.5	74.5	5.0	0:40 0:49 1:21 1:45 1:28	(3.9) 78%	(0.9) 18%		RUN-11					74.5ft: moderately hard
-80.5	79.5	5.0	1:05 1:04 0:58 0:28 0:12	(2.3) 46%	(0.0) 0%		RUN-12					
-85.5	84.5	5.0	1:21 1:35 1:33 2:25 2:59	(4.1) 82%	(0.3) 6%		RUN-13					84.5ft: hard
-90.5	89.5	5.0	1:12 0:54 0:49 0:13 0:13	(3.1) 62%	(0.0) 0%		RUN-14					
-95.5	94.5	5.0	0:15 0:12 0:17 1:18 1:11	(2.8) 56%	(0.0) 0%		RUN-15	(1.4) 25%	(0.0) 0%			-93.0 92.0ft: no recovery, possible sand (SM) based on recovery and drilling rates 92.0
-100.5	99.5	5.0						(5.5) (0.0)				-98.5 97.5

TURKEY POINT COL CORE TURKEY POINT/GPJ TURKEY POINT COL GDT 5:30'08

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	
BORING NO.: B-732		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core	
GROUND ELEV.: -1.0 ft (NAVD88)		NORTHING: 396,412 US ft (NAD83/90)		EASTING: 875,682 US ft (NAD83/90)	
TOTAL DEPTH: 104.5 ft		CASING DEPTH: 4" to 24.5'			HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 5/14/08	COMPLETED: 5/18/08	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
-105.5	104.5	5.0	0.32 0.42 0.36 0.23 0.42	(3.5) 70%	(0.0) 0%	RUN-16	79%	0%		LIMESTONE, boundstone, white (5Y8/1), hard, indurated, wet, strong HCl reaction, fossiliferous, mostly shell molds and casts (continued)
										-105.5
										104.5
										Coring Terminated at Elevation -105.5

TURKEY POINT COL CORE. TURKEY POINT GPJ TURKEY POINT COL.GDT \$/30.08



B-732- Box 1



B-732 - Box 2



B-732 - Box 3



B-732 - Box 4