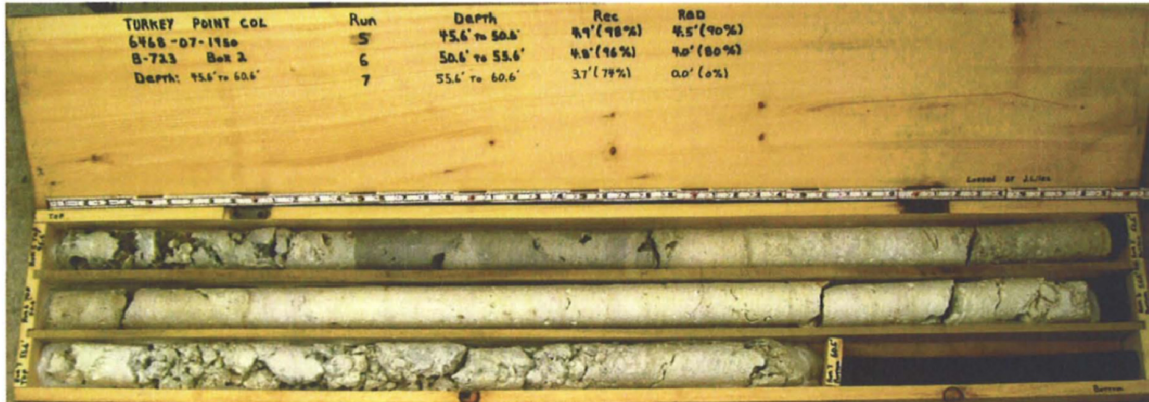


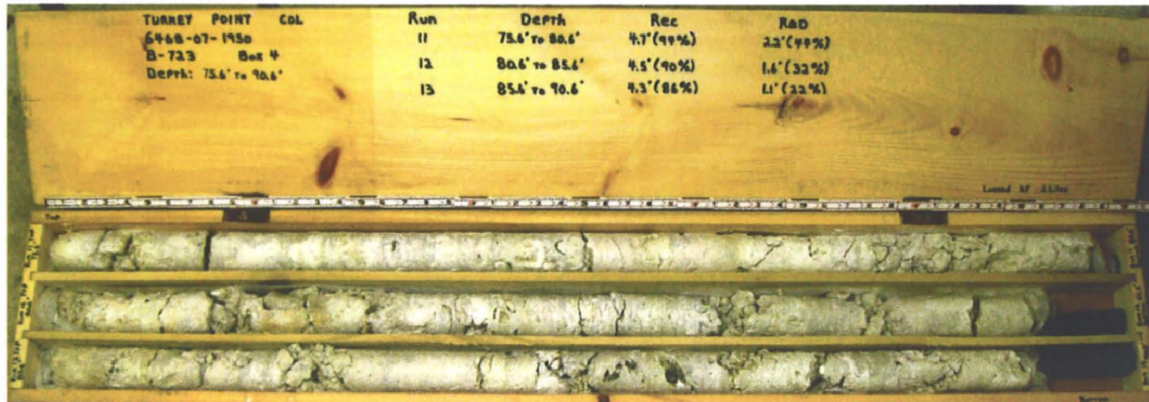
B-723 - Box 1



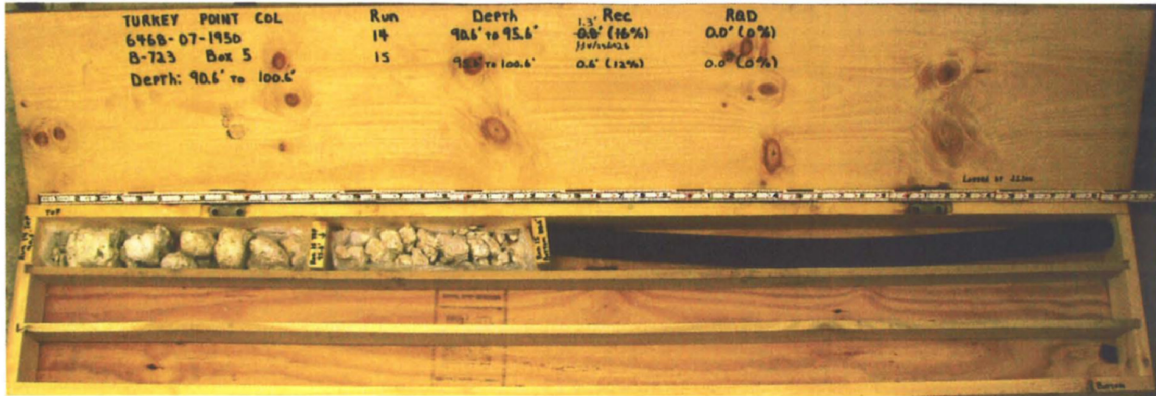
B-723 - Box 2



B-723 - Box 3



B-723 - Box 4



B-723 - Box 5



GEOTECHNICAL BORING LOG

Prepared By ZZZ Date 5-30-08

Checked By JML 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-724		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA							
GROUND ELEV.: -0.7 ft (NAVD88)		NORTHING: 397,326 US ft (NAD83/90)		EASTING: 875,663 US ft (NAD83/90)		24 HR. NA							
TOTAL DEPTH: 100.0 ft		BORING DIAMETER: 4" to 30.2', 3" to 100.0'		CASING DEPTH: 4" to 30.2'		HAMMER (ID): 140 lb. Auto (M06)							
DATE STARTED: 4/19/08		COMPLETED: 4/20/08		CORE SIZE: HQ3		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
-0.7					Ground Surface								
-0.7	0.0	WOH	WOH	WOH	0						724-1		MUCK, very dark grayish brown (2.5Y3/2), very soft, wet, strong HCl reaction, mostly organic
-3.3	2.6	WOH	WOH	WOH							724-2		
-5.8	5.1	WOH	WOH	WOH							724-3		LIMESTONE, boundstone, white (2.5YR8/1), very soft, wet, little fine grained sand, strong HCl reaction, oolitic (Miami Formation)
-8.2	7.5	6	9	6							724-4		7.5ft: soft
-10.8	10.1	2	14	8							724-5		10.1ft: very soft, few fine sand
-13.1	12.4	4	7	7							724-6		12.4ft: medium hard
-15.7	15.0	8	16	19							724-7		
-22.2	21.5	8	11	27							724-8		21.5ft: very soft
-27.0	26.3	5	5	6							724-9		LIMESTONE, boundstone, white (2.5Y8/1), medium hard, wet, few fine grained sand, strong HCl reaction (Upper Fort Thompson Formation)
-32.0	31.3	7	18	17							724-10		31.2ft: hard
-32.7	32.0	26	50/0.2								RUN-1		32.0ft: Switch sampling method to coring
-36.7	36.0										RUN-2		32.0ft: indurated, few vugs, coralline, recrystallized calcite
-41.7	41.0										RUN-3		41.0ft: trace vugs
-46.7	46.0										RUN-4		42.0 to 44.0ft: soft zone
-51.7	51.0										RUN-5		46.0 to 49.0ft: gray (10YR6/1)
-56.7	56.0										RUN-6		
-61.7	61.0										RUN-7		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, trace vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation)
-66.7	66.0										RUN-8		56.0ft: fossiliferous, trace shell molds
-71.7	71.0										RUN-9		61.0ft: medium hard to hard, friable to indurated
													66.0ft: moderately hard, moderately indurated, trace fine grained sand
													71.0ft: hard, indurated

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



BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: J. Liles									
SITE DESCRIPTION: Turkey Pont COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)									
BORING NO.: B-724		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA									
GROUND ELEV.: -0.7 ft (NAVD88)		NORTHING: 397,326 US ft (NAD83/90)		EASTING: 875,663 US ft (NAD83/90)		24 HR. NA									
TOTAL DEPTH: 100.0 ft		BORING DIAMETER: 4" to 30.2', 3" to 100.0'		CASING DEPTH: 4" to 30.2'		HAMMER (ID):140 lb. Auto (M06)									
DATE STARTED: 4/19/08		COMPLETED: 4/20/08		CORE SIZE: HQ3		BITS USED: 2 7/8" Roller Cone									
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
-75.5					Continued from previous page										
-76.7	76.0												LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, trace vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) (continued) 76.0ft: medium hard to hard, friable to indurated  86.0ft: hard, indurated  91.0ft: trace shell molds and casts  96.0ft: moderately hard to hard, friable to indurated		
-81.7	81.0														
-86.7	86.0														
-91.7	91.0														
-96.7	96.0														
													-100.7	100.0	Boring Terminated at Elevation -100.7 ft

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

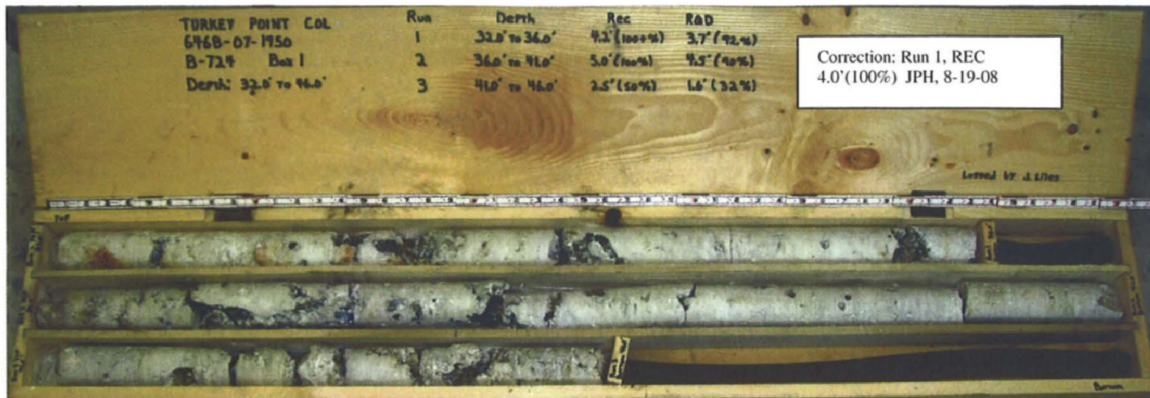




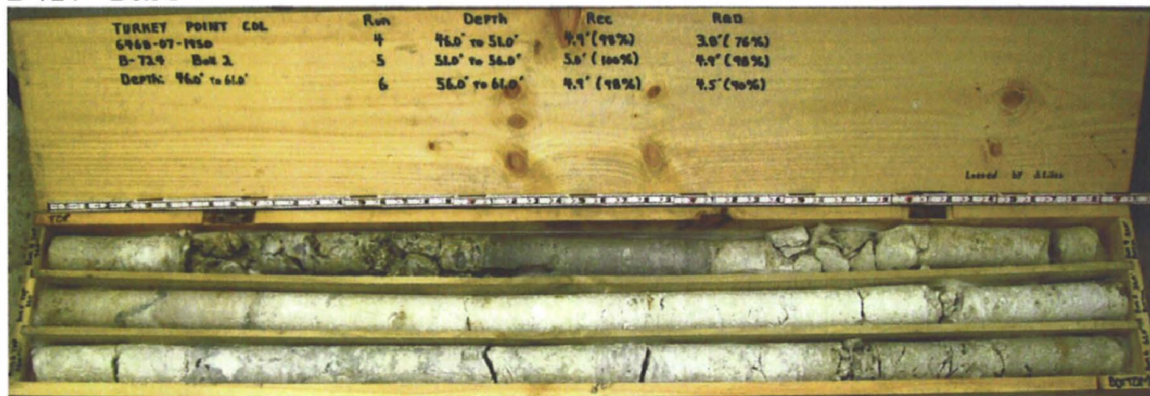
BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: J. Liles	
SITE DESCRIPTION: Turkey Pont COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)	
BORING NO.: B-724		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA	
GROUND ELEV.: -0.7 ft (NAVD88)		NORTHING: 397,326 US ft (NAD83/90)		EASTING: 875,663 US ft (NAD83/90)		24 HR. NA	
TOTAL DEPTH: 100.0 ft		CASING DEPTH: 4" to 30.2'				HAMMER (ID): 140 lb. Auto (M06)	
DATE STARTED: 4/19/08		COMPLETED: 4/20/08		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) %		
										Begin Coring @ 32.0 ft
-32.7	32.0	4.0	1:08 1:00 1:32 1:38	(4.0) 100%	(3.7) 93%	RUN-1	(14.7) 86%	(12.5) 74%		LIMESTONE, boundstone, white (2.5Y8/1), medium hard, wet, few fine grained sand, strong HCl reaction (Upper Fort Thompson Formation) (continued) 32.0ft: indurated, few vugs, coralline, recrystallized calcite
-36.7	36.0	5.0	1:12 1:08 1:18 1:40 2:01	(5.0) 100%	(4.5) 90%	RUN-2				
-41.7	41.0	5.0	1:59 0:11 0:05 1:17 1:02	(2.5) 50%	(1.6) 32%	RUN-3				41.0ft: trace vugs 42.0 to 44.0ft: soft zone
-46.7	46.0	5.0	1:21 2:25 2:45 2:24 7:45	(4.9) 98%	(3.8) 76%	RUN-4				46.0 to 49.0ft: gray (10YR6/1)
-51.7	51.0	5.0	2:24 2:07 1:59 1:47 1:40	(5.0) 100%	(4.9) 98%	RUN-5	(37.3) 73%	(22.3) 44%		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, trace vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation)
-56.7	56.0	5.0	1:58 1:21 1:11 1:30 0:52	(4.9) 98%	(4.5) 90%	RUN-6				56.0ft: fossiliferous, trace shell molds
-61.7	61.0	5.0	1:22 1:35 0:56 0:36 0:26	(3.4) 68%	(2.0) 40%	RUN-7				61.0ft: medium hard to hard, friable to indurated
-66.7	66.0	5.0	0:22 2:25 0:39 0:41 1:39	(1.7) 34%	(0.0) 0%	RUN-8				66.0ft: moderately hard, moderately indurated, trace fine grained sand
-71.7	71.0	5.0	1:36 0:29 0:21 0:29 0:51	(3.0) 60%	(1.2) 24%	RUN-9				71.0ft: hard, indurated
-76.7	76.0	5.0	0:49 1:05 1:33 1:49 1:23	(3.7) 74%	(0.0) 0%	RUN-10				76.0ft: medium hard to hard, friable to indurated
-81.7	81.0	5.0	0:42 0:29 1:18 0:44 0:20	(3.0) 60%	(0.8) 16%	RUN-11				
-86.7	86.0	5.0	1:07 1:23 1:21 1:26 0:30	(4.1) 82%	(3.8) 76%	RUN-12				86.0ft: hard, indurated
-91.7	91.0	5.0	0:46 1:11 0:58 0:30 0:31	(4.0) 80%	(2.8) 56%	RUN-13				91.0ft: trace shell molds and casts
-96.7	96.0	4.0	1:09 0:42 0:36 0:57	(2.6) 65%	(1.2) 30%	RUN-14				96.0ft: moderately hard to hard, friable to indurated
-100.7	100.0									Coring Terminated at Elevation -100.7

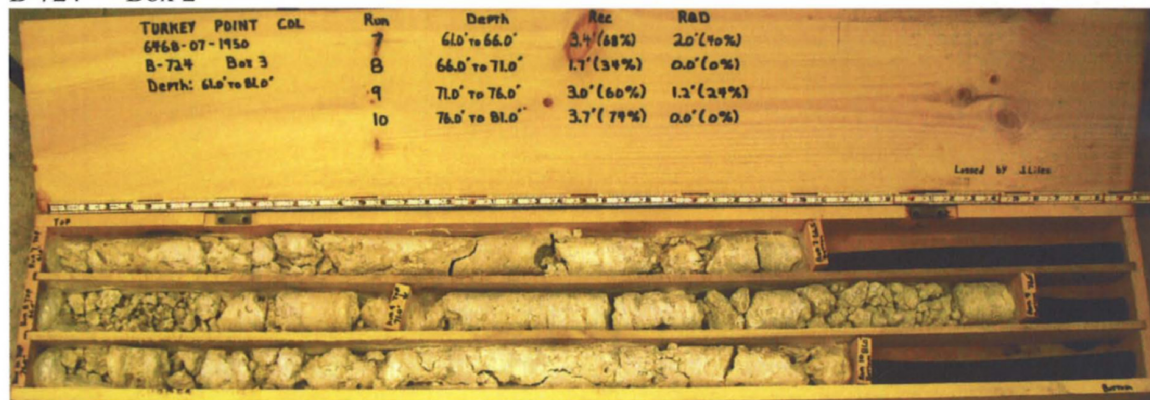
TURKEY POINT COL CORE: TURKEY POINT GPJ TURKEY POINT COL.GDT 530.08



B-724 - Box 1



B-724 - Box 2



B-724 - Box 3



B-724 - Box 4

GEOTECHNICAL BORING LOG

Prepared By [Signature] Date 5-20-08

Checked By [Signature] Date 5-26-08

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-725		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR.	NA					
GROUND ELEV.: -1.0 ft (NAVD88)		NORTHING: 397,100 US ft (NAD83/90)		EASTING: 876,111 US ft (NAD83/90)		24 HR.	NA					
TOTAL DEPTH: 126.6 ft		BORING DIAMETER: 4" to 30.0", 3" to 126.6"		CASING DEPTH: 4" to 30.0", 3" to 120.0"		HAMMER (ID): 140 lb. Auto (M06)						
DATE STARTED: 4/1/08		COMPLETED: 4/2/08		CORE SIZE: HQ3		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			
-1.0	0.0				Ground Surface							
-3.7	2.7	WOH	WOH	WOH								MUCK, dark grayish brown (2.5Y4/2), very soft, wet, strong HCl reaction, mostly organic, fibrous
-6.0	5.0	6	8	6								LIMESTONE, boundstone, white (2.5Y8/1), very soft, wet, little fine grained sand, strong HCl reaction, oolitic (Miami Formation)
-9.5	8.5	4	5	4								8.5ft: trace sand
-11.5	10.5	6	4	8								12.5: medium hard, fine to medium grained sand
-13.5	12.5	14	18	19								15.2ft: very soft, no sand
-16.2	15.2	12	4	5								
-22.8	21.8	6	8	15								21.8ft: soft
-27.6	26.6	1	1	2								LIMESTONE, boundstone, white (2.5Y8/1), very soft, wet, strong HCl reaction (Upper Fort Thompson Formation)
-32.3	31.3	40	50/0.3									31.3ft: hard
-33.1	32.1											32.1ft: Switch sampling method to coring
-36.1	35.1											
-41.1	40.1	12	50/0.4									40.1ft: Switch sampling method to SPT
-42.0	41.0											40.1ft: boundstone, white (2.5Y8/1), hard, wet, strong HCl reaction
-47.0	46.0											41.0ft: Switch sampling method to coring
-52.0	51.0											41.0ft: white (2.5Y8/1), moderately hard, moderately indurated, recrystallized calcite, strong HCl reaction, little vugs
-57.0	56.0											46.0ft: white (2.5Y8/1) to 46.9ft, then gray (10Y6/1) to 47.8ft
-62.0	61.0											LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation)
-67.0	66.0											51.0ft: moderately hard, moderately indurated, fossiliferous, trace vugs
-72.0	71.0											68.0 to 71.0ft: soft zone

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



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-725		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR.	NA								
GROUND ELEV.: -1.0 ft (NAVD88)		NORTHING: 397,100 US ft (NAD83/90)		EASTING: 876,111 US ft (NAD83/90)		24 HR.	NA								
TOTAL DEPTH: 126.6 ft		BORING DIAMETER: 4" to 30.0', 3" to 126.6'		CASING DEPTH: 4" to 30.0', 3" to 120.0'		HAMMER (ID):140 lb. Auto (M06)									
DATE STARTED: 4/1/08		COMPLETED: 4/2/08		CORE SIZE: HQ3		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		
-75.8					Continued from previous page										
-77.0	76.0												LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) (continued)		
-82.0	81.0												81.0ft: medium hard to moderately hard, friable to moderately indurated		
-87.0	86.0														
-92.0	91.0												91.0ft: trace fine to medium grained sand		
-97.0	96.0												96.0ft: moderately hard, moderately indurated		
-102.0	101.0												101.0ft: Change sampling method to SPT		
-103.5	102.5	28	21	25						46			101.0ft: white (2.5Y8/1), moderately hard, wet, little fine to medium grained sand, strong HCl reaction		
-107.0	106.0												102.5ft: Switch sampling method to coring		
-112.0	111.0												102.5ft: white (2.5Y8/1), moderately hard, moderately indurated, fine to medium grained sand, strong HCl reaction, fossiliferous little vugs		
-117.0	116.0												106ft: few vugs		
-117.0	116.0														
-123.0	122.0	4	7	10									114.0	POORLY GRADED SAND (SP), wet, fine grained sand, strong HCl reaction, few limestone fragments (Tamiami Formation)	
-126.1	125.1	4	5	12										122.0ft: Switch sampling method to SPT	
														122.0ft: greenish gray (10Y5/1), medium dense, wet, fine grained sand, strong HCl reaction	
														126.6	Boring Terminated at Elevation -127.6 ft

TURKEY POINT COL BORE TURKEY POINT GPJ TURKEY POINT COL.GPJ 5:30:08





BECHTEL PROJECT NO.: 25409			MACTEC PROJECT NO.: 6468-07-1950			COUNTY: Miami-Dade		GEOLOGIST: J. Lifes		
SITE DESCRIPTION: Turkey Point COL			DRILL MACHINE: CME-550 (Miller)			DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)		
BORING NO.: B-725			DRILL METHOD: Mud Rotary/ Core			SAMPLE METHODS: SPT/Core		0 HR. NA		
GROUND ELEV.: -1.0 ft (NAVD88)			NORTHING: 397,100 US ft (NAD83/90)			EASTING: 876,111 US ft (NAD83/90)		24 HR. NA		
TOTAL DEPTH: 126.6 ft			CASING DEPTH: 4" to 30.0', 3" to 120.0'				HAMMER (ID): 140 lb. Auto (M06)			
DATE STARTED: 4/1/08		COMPLETED: 4/2/08		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) %		LOG	DESCRIPTION AND REMARKS
										Begin Coring @ 32.1 ft
-33.1	32.1	3.0	0.47 0.43	(0.0) 0%	(0.0) 0%	RUN-1	(6.0) 41%	(3.5) 24%		LIMESTONE, boundstone, white (2.5Y8/1), very soft, wet, strong HCl reaction (Upper Fort Thompson Formation) (continued)
-36.1	35.1	5.0	0.43	(0.0) 0%	(0.0) 0%	RUN-2				
			0.45 0.49 0.41 1.46							
-41.1	40.1									
			N=62/0.9			725-11				
-42.0	41.0	5.0	0.46 0.48 0.33 1.04 1.12	(4.2) 84%	(2.7) 54%	RUN-3				40.1ft: Switch sampling method to SPT 40.1ft: boundstone, white (2.5Y8/1), hard, wet, strong HCl reaction 41.0ft: Switch sampling method to coring 41.0ft: white (2.5Y8/1), moderately hard, moderately indurated, recrystallized calcite, strong HCl reaction, little vugs
-47.0	46.0	5.0	1.23 1.29 1.10 1.28 1.48	(5.0) 100%	(3.3) 66%	RUN-4				46.0ft: white (2.5Y8/1) to 46.9ft, then gray (10Y6/1) to 47.8ft
							(38.9) 60%	(11.8) 18%		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation)
-52.0	51.0	5.0	1.22 1.01 1.01 1.17 0.51	(4.9) 98%	(4.5) 90%	RUN-5				51.0ft: moderately hard, moderately indurated, fossiliferous, trace vugs
-57.0	56.0	5.0	0.55 0.38 0.34 0.29 0.59	(2.6) 52%	(0.7) 14%	RUN-6				
-62.0	61.0	5.0	0.44 0.24 0.26 0.37 0.31	(3.0) 60%	(0.4) 8%	RUN-7				
-67.0	66.0	5.0	0.31 0.20 0.06 0.04 0.02	(0.8) 16%	(0.0) 0%	RUN-8				68.0 to 71.0ft: soft zone
-72.0	71.0	5.0	0.01 0.14 0.06 0.30 0.20	(1.1) 22%	(0.0) 0%	RUN-9				
-77.0	76.0	5.0	0.05 0.38 0.47 0.26 0.52	(1.8) 36%	(0.0) 0%	RUN-10				
-82.0	81.0	5.0	0.35 0.48 0.46 0.37 0.38	(4.3) 86%	(1.1) 22%	RUN-11				81.0ft: medium hard to moderately hard, friable to moderately indurated
-87.0	86.0	5.0	0.29 0.28 1.00 4.07 0.48	(4.5) 90%	(1.0) 20%	RUN-12				
-92.0	91.0	5.0	0.21 0.40 0.43 0.35 0.23	(3.5) 70%	(0.5) 10%	RUN-13				91.0ft: trace fine to medium grained sand
-97.0	96.0	5.0	0.28 0.11 0.10 0.11 0.09	(1.2) 24%	(0.0) 0%	RUN-14				96.0ft: moderately hard, moderately indurated
			N=46			725-12				
-103.5	102.5	3.5	0.31/0.5 0.26 0.34 0.22	(2.9) 83%	(1.1) 31%	RUN-15				101.0ft: Change sampling method to SPT 101.0ft: white (2.5Y8/1), moderately hard, wet, little fine to medium grained sand, strong HCl reaction 102.5ft: Switch sampling method to coring 102.5ft: white (2.5Y8/1), moderately hard, moderately indurated, fine to medium
-107.0	106.0					RUN-16				

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: 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-725		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA	
GROUND ELEV.: -1.0 ft (NAVD88)		NORTHING: 397,100 US ft (NAD83/90)		EASTING: 876,111 US ft (NAD83/90)		24 HR. NA	
TOTAL DEPTH: 126.6 ft		CASING DEPTH: 4" to 30.0', 3" to 120.0'				HAMMER (ID): 140 lb. Auto (M06)	
DATE STARTED: 4/1/08		COMPLETED: 4/2/08		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
-112.0	111.0	5.0	0:37 0:26 0:29 0:24 0:27	(3.3) 66%	(0.0) 0%					grained sand, strong HCl reaction, fossiliferous little vugs 106ft: few vugs LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) (continued)
-117.0	116.0	5.0	0:30 1:11 0:36 0:18 0:18	(1.8) 36%	(0.0) 0%	RUN-17	(1.1) 16%	(NA)		POORLY GRADED SAND (SP), wet, fine grained sand, strong HCl reaction, few limestone fragments (Tamiami Formation)
-122.0	121.0	5.0	0:30 0:26 0:27 0:25 0:26	(1.1) 22%	(0.0) 0%	RUN-18				Coring Terminated at Elevation -122.0

TURKEY POINT COL CORE TURKEY POINT GPJ TURKEY POINT COL.GDT 5:30 08