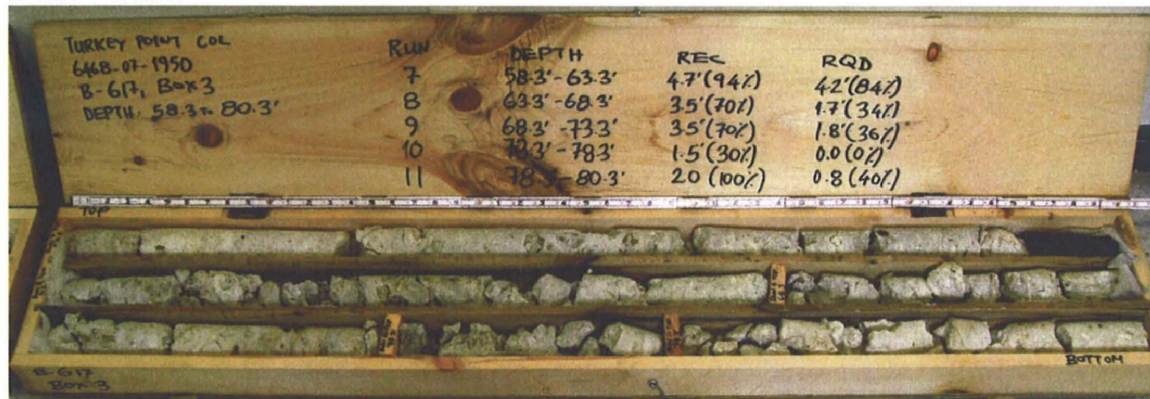


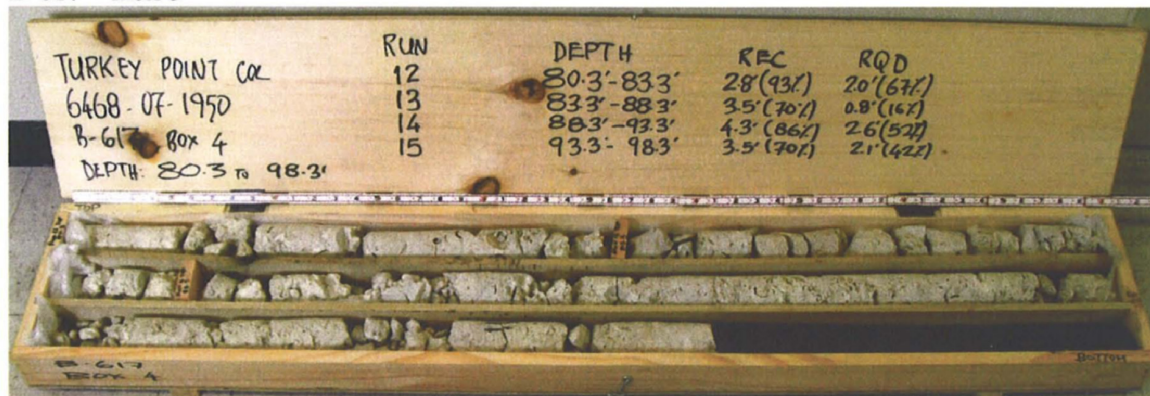
B-617 - Box 1



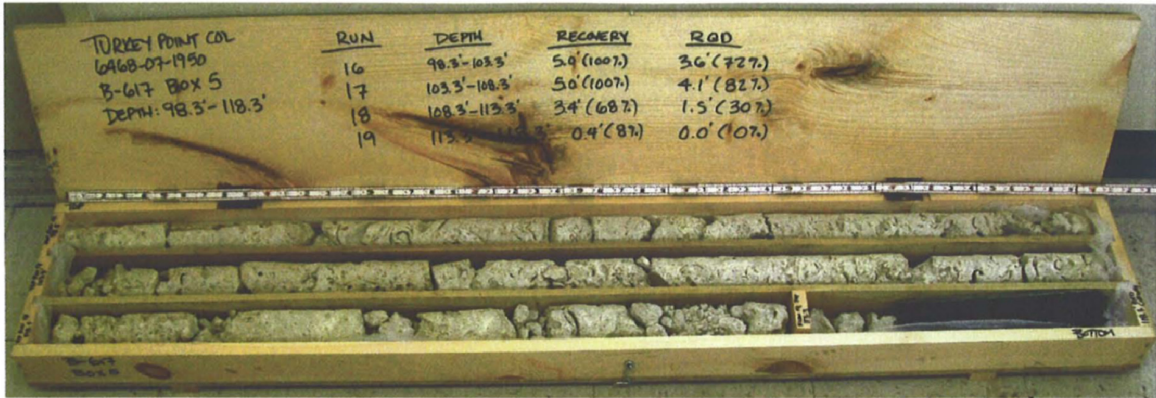
B-617 - Box 2



B-617 - Box 3



B-617 - Box 4



B-617 - Box 5



GEOTECHNICAL BORING LOG

Prepared By *[Signature]* Date 8-30-08

Checked By *[Signature]* Date 8-30-08

SHEET 1 OF 3

BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: O. Rodriguez								
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-45C (RAL)		DRILLER: D. White/ R. Hall		GROUND WATER (ft)								
BORING NO.: B-618		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA								
GROUND ELEV.: -1.4 ft (NAVD88)		NORTHING: 397,208 US ft (NAD83/90)		EASTING: 876,643 US ft (NAD83/90)		24 HR. NA								
TOTAL DEPTH: 154.7 ft		BORING DIAMETER: 4" to 28.8", 3" to 154.7"		CASING DEPTH: 4" to 28.8', 3" to 133.2'		HAMMER (ID): 140 lb. Auto (MEC-12)								
DATE STARTED: 2/22/08		COMPLETED: 3/4/08		CORE SIZE: HQ3		BITS USED: 2 15/16" Tricone								
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	
-1.4	0.0	WOH	WOH	WOH	Ground Surface							-1.4	0.0	
-4.2	2.8	3	3	4	●0						618-1		-1.4	0.0
-6.1	4.7	6	6	6	●7						618-2		-4.4	3.0
-8.8	7.4	9	5	4	●12						618-3			
-11.4	10.0	10	10	13	●9						618-4			
-13.9	12.5	19	10	9	●23						618-5			
-16.2	14.8	8	7	29	●19						618-6			
-18.2	16.8	13	8	5	●36						618-7			
-23.4	22.0	3	2	2	●13						618-8			
-28.3	26.9				●4						618-9			
-29.2	27.8	31	50/0.4								618-10		-26.4	25.0
-31.7	30.3										RUN-1			
-36.7	35.3										RUN-2			
-41.7	40.3										RUN-3			
-46.7	45.3										RUN-4			
-51.7	50.3										RUN-5			
-56.7	55.3										RUN-6			
-61.7	60.3										RUN-7			
-66.7	65.3										RUN-8			
-67.5	66.1										RUN-9			
-71.7	70.3										RUN-10			
											RUN-11			

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: O. Rodriguez												
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-45C (RAL)		DRILLER: D. White/ R. Hall		GROUND WATER (ft)												
BORING NO.: B-618		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA												
GROUND ELEV.: -1.4 ft (NAVD88)		NORTHING: 397,208 US ft (NAD83/90)		EASTING: 876,643 US ft (NAD83/90)		24 HR. NA												
TOTAL DEPTH: 154.7 ft		BORING DIAMETER: 4" to 28.8', 3" to 154.7'		CASING DEPTH: 4" to 28.8', 3" to 133.2'		HAMMER (ID): 140 lb. Auto (MEC-12)												
DATE STARTED: 2/22/08		COMPLETED: 3/4/08		CORE SIZE: HQ3		BITS USED: 2 15/16" Tricone												
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					
-76.2					Continued from previous page													
-76.7	75.3																	
-80.5	79.1										RUN-12							
-81.7	80.3										RUN-13							
											RUN-14							
-86.7	85.3																	
-91.7	90.3										RUN-15							
-96.7	95.3										RUN-16							
											RUN-17							
-101.7	100.3																	
-106.7	105.3										RUN-18							
-111.7	110.3										RUN-19							
											RUN-20							
-116.7	115.3										RUN-21							
-124.6	123.2	3	3	4														
											618-11							
-129.6	128.2	2	4	5														
											618-12							
-134.6	133.2	3	6	3														
											618-13							
-139.6	138.2	6	10	9														
											618-14							
-144.6	143.2	4	9	12														
											618-15							
-149.6	148.2	4	5	10														
											618-16							

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



BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: O. Rodriguez						
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-45C (RAL)		DRILLER: D. White/ R. Hall		GROUND WATER (ft)						
BORING NO.: B-618		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA						
GROUND ELEV.: -1.4 ft (NAVD88)		NORTHING: 397,208 US ft (NAD83/90)		EASTING: 876,643 US ft (NAD83/90)		24 HR. NA						
TOTAL DEPTH: 154.7 ft		BORING DIAMETER: 4" to 28.8', 3" to 154.7'		CASING DEPTH: 4" to 28.8', 3" to 133.2'		HAMMER (ID): 140 lb. Auto (MEC-12)						
DATE STARTED: 2/22/08		COMPLETED: 3/4/08		CORE SIZE: HQ3		BITS USED: 2 15/16" Tricone						
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			
-151.0					Continued from previous page							
-154.6	153.2	4	6	9	● 15					618-17		116.0ft: Silty SAND (SM), light gray (2.5Y7/2), loose, wet, trace limestone fragments (Tamiami Formation) (continued) 153.2ft: trace shell fragments
												154.7
												Boring Terminated at Elevation -156.1 ft

TURKEY POINT COL BORE TURKEY POINT GP, TURKEY POINT COL.GDT 5:30/08



BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: O. Rodriguez	
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-45C (RAL)		DRILLER: D. White/ R. Hall		GROUND WATER (ft)	
BORING NO.: B-618		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA	
GROUND ELEV.: -1.4 ft (NAVD88)		NORTHING: 397,208 US ft (NAD83/90)		EASTING: 876,643 US ft (NAD83/90)		24 HR. NA	
TOTAL DEPTH: 154.7 ft		CASING DEPTH: 4" to 28.8', 3" to 133.2'				HAMMER (ID): 140 lb. Auto (MEC-12)	
DATE STARTED: 2/22/08		COMPLETED: 3/4/08		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. (%)	RQD (%)		REC. (%)	RQD (%)		
										Begin Coring @ 27.8 ft
-29.2	27.8	2.5	0:55	(1.7)	(0.7)	RUN-1	(18.1)	(15.0)		LIMESTONE, boundstone, white (10YR8/1), to pale yellow (2.5Y8/2), hard, wet, indurated (Upper Fort Thompson Formation)
-31.7	30.3		3:06	68%	28%		91%	75%		
		5.0	2:00/0.5	(4.1)	(3.4)	RUN-2				27.8ft: switch sampling method to coring (continued)
			2:18	82%	68%					27.8ft: white (5Y8/1), to light greenish gray (5GY8/1), hard, indurated, coralline, fossiliferous, strong HCl reaction, trace to few vugs
			1:17							
			1:20							
			1:11							
-36.7	35.3		1:32							
		5.0	1:36	(5.0)	(4.0)	RUN-3				29.0ft: loss of circulation
			2:01	100%	80%					30.3ft: light greenish gray (5GY8/1)
			3:05							35.3ft: white (5Y8/1)
			2:15							
-41.7	40.3		1:55							
		5.0	2:35	(4.9)	(4.5)	RUN-4				40.3ft: white (N8/), hard to moderately hard, recrystallized calcite
			1:51	98%	90%					
			1:41							
			1:17							
-46.7	45.3		1:09							
		5.0	2:27	(5.0)	(5.0)	RUN-5				45.3 to 47.7ft: gray (N6/)
			1:46	100%	100%					
			1:57							
			1:47							
			1:41				(49.2)	(28.4)		
-51.7	50.3		1:49	(5.0)	(5.0)	RUN-6	72%	42%		LIMESTONE, boundstone, white (5Y8/1), hard, indurated, fossiliferous with few shell molds and casts, trace vugs, strong HCl reaction (Lower Fort Thompson Formation)
		5.0	2:11	100%	100%					
			1:20							
			1:09							
			0:45							
-56.7	55.3		1:28	(4.7)	(4.0)	RUN-7				
		5.0	1:44	94%	80%					
			1:18							
			1:47							
			1:32							
-61.7	60.3		1:29	(3.8)	(2.3)	RUN-8				60.3ft: indurated to friable, trace sand
		5.0	1:42	76%	46%					
			1:41							
			1:32							
			1:48							
-66.7	65.3		2:35/0.8	(0.6)	(0.0)	RUN-9				65.3ft: indurated
		0.8	1:30/0.2	75%	0%	RUN-10				66.1ft: moderately indurated
		4.2	2:35	(2.5)	(0.9)					
			2:14	60%	21%					
			1:25							
			1:20							
		5.0	0:57	(2.3)	(0.4)	RUN-11				70.3ft: trace to few sand
			1:12	46%	8%					
			1:03							
			1:05							
			0:57							
		3.8	1:13	(3.3)	(1.6)	RUN-12				75.3ft: indurated
			1:26	87%	42%					
			1:55							
			1:49/0.8							
-80.5	79.1		1:41/0.2	(1.2)	(1.1)	RUN-13				
		1.2	3:41	100%	92%	RUN-14				80.3ft: moderately indurated to indurated, little shell molds and casts
		5.0	1:33	(3.0)	(2.2)					
			0:48	60%	44%					
			0:46							
			0:34							
			1:05							
		5.0	1:06	(2.7)	(0.6)	RUN-15				
			1:19	54%	12%					
			1:33							
			0:49							
			0:43							
		5.0	0:58	(4.1)	(2.1)	RUN-16				
			0:46	82%	42%					
			0:47							
			1:23							
			0:53							
		5.0	0:57	(4.0)	(2.3)	RUN-17				95.3ft: indurated, few to little shell molds and casts
			0:36	80%	46%					
			0:39							
			0:44							
			0:49							
-101.7	100.3		1:10	(4.2)	(2.2)	RUN-18				100.3ft: hard to moderately hard, moderately indurated, little to some shell molds and casts
		5.0	1:18	84%	44%					

TURKEY POINT CORE TURKEY POINT G/PJ TURKEY POINT COL GDT 5 30 08



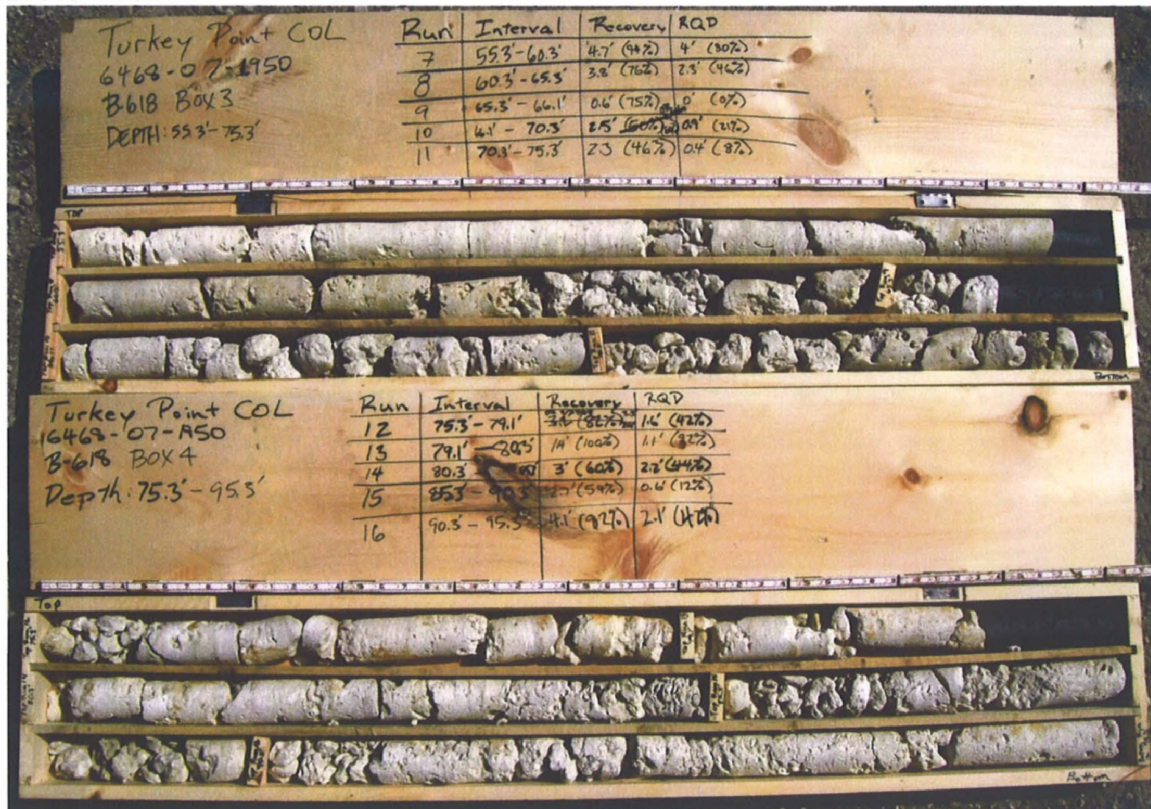
BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: O. Rodriguez
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-45C (RAL)	DRILLER: D. White/ R. Hall	GROUND WATER (ft) 0 HR. NA 24 HR. NA
BORING NO.: B-618	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	
GROUND ELEV.: -1.4 ft (NAVD88)	NORTHING: 397,208 US ft (NAD83/90)	EASTING: 876,643 US ft (NAD83/90)	
TOTAL DEPTH: 154.7 ft	CASING DEPTH: 4" to 28.8', 3" to 133.2'		HAMMER (ID): 140 lb. Auto (MEC-12)
DATE STARTED: 2/22/08	COMPLETED: 3/4/08	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) %		
			0:33 1:22 2:28							Continued from previous page
-106.7	105.3	5.0	1:26 1:24 0:47 1:24 2:10	(3.0) 60%	(0.7) 14%	RUN-19				LIMESTONE, boundstone, white (5Y8/1), hard, indurated, fossiliferous with few shell molds and casts, trace vugs, strong HCl reaction (Lower Fort Thompson Formation) (continued)
-111.7	110.3	5.0	0:44 1:11 0:30 1:02 0:43	(1.9) 38%	(0.4) 8%	RUN-20				110.3ft: moderately hard, friable to moderately indurated
-116.7	115.3	5.0	0:17 0:14 0:55 0:55 0:19	(0.3) 6%	(0.0) 0%	RUN-21	(0.0) 0%	(NA)		115.3ft: moderately indurated 116.0ft: Silty SAND (SM), light gray (2.5Y7/2), loose, wet, trace limestone fragments (Tamiami Formation)
-121.7	120.3									Coring Terminated at Elevation -121.7

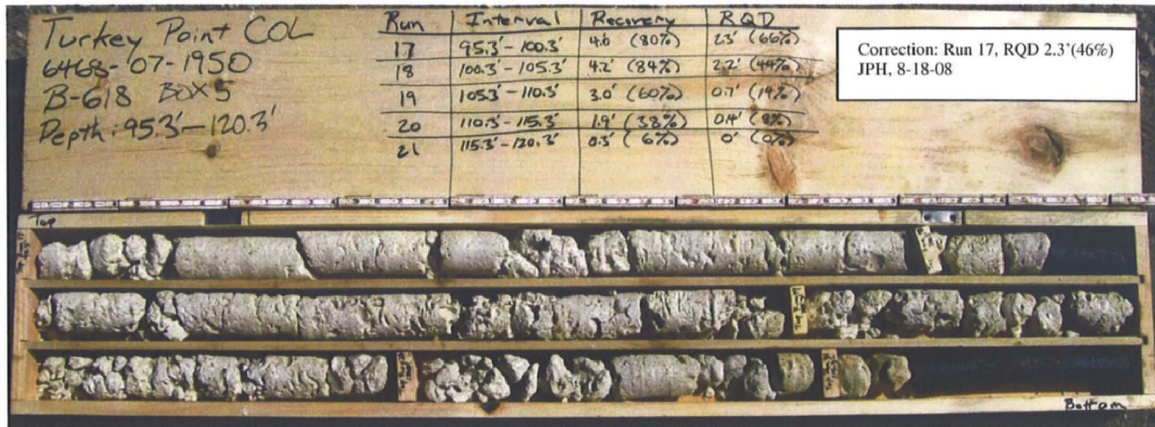
TURKEY POINT COL CORE TURKEY POINT GJJ TURKEY POINT COL GDT 5/30/08



B-618 - Box 1
B-618 - Box 2



B-618 - Box 3
B-618 - Box 4



B-618 - Box 5



GEOTECHNICAL BORING LOG

Prepared By OPPE Date 8-19-08

Checked By SS Date 8/19/08

SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: O. Rodriguez									
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-45C (RAL)		DRILLER: D. Rhodes/ K. Guy		GROUND WATER (ft)									
BORING NO.: B-619		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR.	NA								
GROUND ELEV.: -1.7 ft (NAVD88)		NORTHING: 397,294 US ft (NAD83/90)		EASTING: 876,654 US ft (NAD83/90)		24 HR.	NA								
TOTAL DEPTH: 128.7 ft		BORING DIAMETER: 4" to 13.6', 3" to 128.7'		CASING DEPTH: 4" to 13.6', 3" to 118.2'		HAMMER (ID):140 lb. Auto (MEC-12)									
DATE STARTED: 3/6/08		COMPLETED: 3/9/08		CORE SIZE: HQ3		BITS USED: 2 15/16" Roller Cone									
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION		
		0.5ft	0.5ft	0.5ft	0	20	40	60	80					100	
-1.7					Ground Surface									0.0	
-1.7	0.0	WOH	WOH	WOH							619-1				-1.7
-4.5	2.8										619-2				-5.2
-6.8	5.1	WOH	5	9							619-3				
-8.8	7.1	4	20	12							619-4				
-11.4	9.7	10	6	3							619-5				
-13.8	12.1	6	10	12							619-6				
-16.4	14.7	11	14	10							619-7				
-17.9	16.2	15	10	50/0.5							619-7				
-18.4	16.7										RUN-1				
											RUN-2				
											RUN-3				
-23.4	21.7														
-28.4	26.7														
-33.4	31.7										619-CS-01				25.0
-38.4	36.7										RUN-4				
											RUN-5				
											RUN-6				
-43.4	41.7										RUN-7				
-48.4	46.7										RUN-8				
											RUN-9				
-53.4	51.7										619-CS-02				
-58.4	56.7										RUN-10				
											RUN-11				
-63.4	61.7										RUN-12				
-68.4	66.7										RUN-13				
-73.4	71.7														

TURKEY POINT COL BORE TURKEY POINT G.P.I. TURKEY POINT COL GDI 8/18/08



BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: O. Rodriguez							
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-45C (RAL)		DRILLER: D. Rhodes/ K. Guy		GROUND WATER (ft)							
BORING NO.: B-619		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA							
GROUND ELEV.: -1.7 ft (NAVD88)		NORTHING: 397,294 US ft (NAD83/90)		EASTING: 876,654 US ft (NAD83/90)		24 HR. NA							
TOTAL DEPTH: 128.7 ft		BORING DIAMETER: 4" to 13.6', 3" to 128.7'		CASING DEPTH: 4" to 13.6', 3" to 118.2'		HAMMER (ID):140 lb. Auto (MEC-12)							
DATE STARTED: 3/6/08		COMPLETED: 3/9/08		CORE SIZE: HQ3		BITS USED: 2 15/16" 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
-76.5					Continued from previous page								
-78.4	76.7												LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, few shell molds and casts, strong HCl reaction, few vugs (Lower Fort Thompson Formation) (continued)
-83.3	81.6												76.7ft: trace to few shell molds, trace to few sand, few vugs
-88.3	86.6												86.6ft: moderately hard to hard, moderately indurated to indurated
-93.3	91.6												91.6ft: hard, indurated
-98.3	96.6												96.6ft: moderately hard to hard, moderately indurated to indurated
-103.3	101.6												101.6ft: trace sand, little shell molds and casts
-108.3	106.6												106.6ft: indurated to moderately indurated, few sand, few shell molds and casts, few to little vugs
-113.3	111.6												111.6ft: moderately hard, moderately indurated, few to little sand
-118.3	116.6												116.7ft: Silty SAND (SM), white (2.5Y8/1), wet, and moderately hard, fine to coarse grained sand, fine gravel sized moderately indurated limestone/cemented sand fragments (Tamiami Formation)
-123.3	121.6	8	4	3									121.6ft: Switch sampling methods to SPT
-128.9	127.2	3	8	8									121.6ft: pale yellow (2.5Y8/3), loose, wet, little fines, fine grained sand, trace shell fragments
													127.2ft: trace cemented sand fragments, shell fragments
													Boring Terminated at Elevation -130.4 ft

TURKEY POINT COL BORE TURKEY POINT COL.GDT 8/18/08



BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade	GEOLOGIST: O. Rodriguez
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-45C (RAL)		DRILLER: D. Rhodes/ K. Guy	
BORING NO.: B-619		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core	
GROUND ELEV.: -1.7 ft (NAVD88)		NORTHING: 397,294 US ft (NAD83/90)		EASTING: 876,654 US ft (NAD83/90)	
TOTAL DEPTH: 128.7 ft		CASING DEPTH: 4" to 13.6', 3" to 118.2'			HAMMER (ID): 140 lb. Auto (MEC-12)
DATE STARTED: 3/6/08		COMPLETED: 3/9/08		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 @ 16.2 ft
-17.9	16.2	0.5	5:22/0.5	(0.5) 100%	(0.4) 80%	RUN-1	(1.5) 17%	(0.4) 5%		LIMESTONE, boundstone, gray (N6/), very soft, wet, friable, trace to few coarse to fine grained sand, oolitic (Miami Formation) (continued)
-18.4	16.7	5.0	0.44 0.55 1:18 0.45 0.50	(1.0) 20%	(0.0) 0%	RUN-2				16.2ft: (2.5Y8/1), moderately hard, indurated, oolitic, strong HCl reaction
-23.4	21.7	5.0	0.24 0.34 0.28 2.28 0.58	(1.7) 34%	(0.7) 14%	RUN-3				16.7ft: soft to moderately hard, friable to indurated, fossiliferous, few vugs
-28.4	26.7	5.0	1.47 1.25 0.50 0.51 1.34	(5.0) 100%	(4.5) 90%	RUN-4 619-CS-01	(22.8) 98%	(18.2) 78%		-26.7 LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, coralline, strong HCl reaction, few vugs (Upper Fort Thompson Formation) 25.0 to 30.0ft: loss of circulation
-33.4	31.7	5.0	1.37 1.00 0.51 0.48 0.48	(5.0) 100%	(3.5) 70%	RUN-5				
-38.4	36.7	5.0	1.06 0.53 1.03 1.59 2.09	(5.0) 100%	(3.8) 76%	RUN-6				
-43.4	41.7	5.0	1.56 0.20 1.59 1.38 1.13	(4.6) 92%	(4.2) 84%	RUN-7				41.7ft: white (2.5Y8/1), to 45.7ft then bluish gray (5PB5/1)
-48.4	46.7	5.0	1.38 0.50 1.01 1.09 0.59	(5.0) 100%	(5.0) 100%	RUN-8 619-CS-02	(40.9) 61%	(19.5) 29%		-49.9 46.7 to 48.2ft: bluish gray (5PB6/1)
-53.4	51.7	5.0	0.47 0.42 0.29 0.33 0.20	(3.0) 60%	(1.8) 36%	RUN-9				LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, few shell molds and casts, strong HCl reaction, few vugs (Lower Fort Thompson Formation) 51.7ft: trace sand and shell molds
-58.4	56.7	5.0	1.00 1.00 0.59 1.04 0.57	(3.6) 72%	(2.3) 46%	RUN-10				
-63.4	61.7	5.0	1.20 0.50 0.54 0.30 0.26	(1.9) 38%	(0.0) 0%	RUN-11				
-68.4	66.7	5.0	1.06 0.38 0.41 0.08 1.23	(2.8) 56%	(1.6) 32%	RUN-12				
-73.4	71.7	5.0	1.32 1.25 1.16 0.39 0.54	(3.2) 64%	(1.3) 26%	RUN-13				71.7ft: few shell molds
-78.4	76.7	4.9	1.23 1.14 1.03 1.17	(3.7) 76%	(1.5) 31%	RUN-14				76.7ft: trace to few shell molds, trace to few sand, few vugs
-83.3	81.6	5.0	1.16/0.9 1:10 0:46 0:56 0:32 0:34	(3.3) 66%	(1.2) 24%	RUN-15				
-88.3	86.6	5.0	0.41 0.45 1.01 2.08	(1.5) 30%	(0.0) 0%	RUN-16				86.6ft: moderately hard to hard, moderately indurated to indurated

TURKEY POINT COL CORE TURKEY POINT GPJ TURKEY POINT COL GDI 8/18/08



BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: O. Rodriguez
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-45C (RAL)	DRILLER: D. Rhodes/ K. Guy	GROUND WATER (ft) 0 HR. NA 24 HR. NA
BORING NO.: B-619	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	
GROUND ELEV.: -1.7 ft (NAVD88)	NORTHING: 397,294 US ft (NAD83/90)	EASTING: 876,654 US ft (NAD83/90)	
TOTAL DEPTH: 128.7 ft	CASING DEPTH: 4" to 13.6', 3" to 118.2'	HAMMER (ID): 140 lb. Auto (MEC-12)	
DATE STARTED: 3/6/08	COMPLETED: 3/9/08	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										
-93.3	91.6	5.0	1.21 1.51 2.14 0.50 1.40 1.20	(2.8) 56%	(2.0) 40%	RUN-17				LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, few shell molds and casts, strong HCl reaction, few vugs (Lower Fort Thompson Formation) (continued) 91.6ft: hard, indurated
-98.3	96.6	5.0	1.52 0.47 0.44 0.42 2.50 1.80	(2.1) 42%	(1.3) 26%	RUN-18				96.6ft: moderately hard to hard, moderately indurated to indurated
-103.3	101.6	5.0	1.00 1.12 0.52 0.47 2.14	(4.2) 84%	(1.9) 38%	RUN-19				101.6ft: trace sand, little shell molds and casts
-108.3	106.6	5.0	0.56 0.59 1.02 1.10 2.31	(3.3) 66%	(1.1) 22%	RUN-20				106.6ft: indurated to moderately indurated, few sand, few shell molds and casts, few to little vugs
-113.3	111.6	5.0	1.09 1.27 1.57 1.53 1.01	(2.0) 40%	(0.0) 0%	RUN-21				111.6ft: moderately hard, moderately indurated, few to little sand
-118.3	116.6	5.0	0.49 0.26 0.32 0.46 1.14	(1.2) 24%	(0.0) 0%	RUN-22	(1.2) 18%	(NA)	-116.7	Silty SAND (SM), white (2.5Y8/1), wet, and moderately hard, fine to coarse grained sand, fine gravel sized moderately indurated limestone/cemented sand fragments (Tamiami Formation)
-123.3	121.6								-123.3	Coring Terminated at Elevation -123.3

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 8/18/08



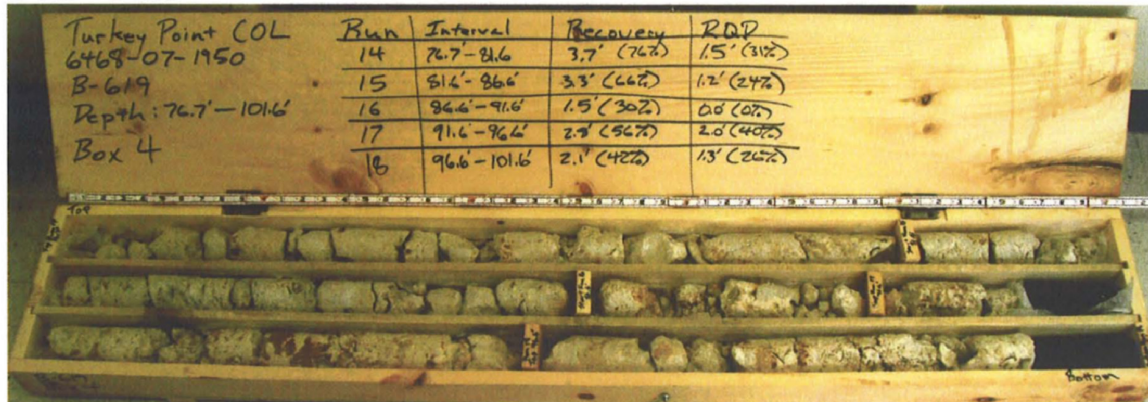
B-619 - Box 1



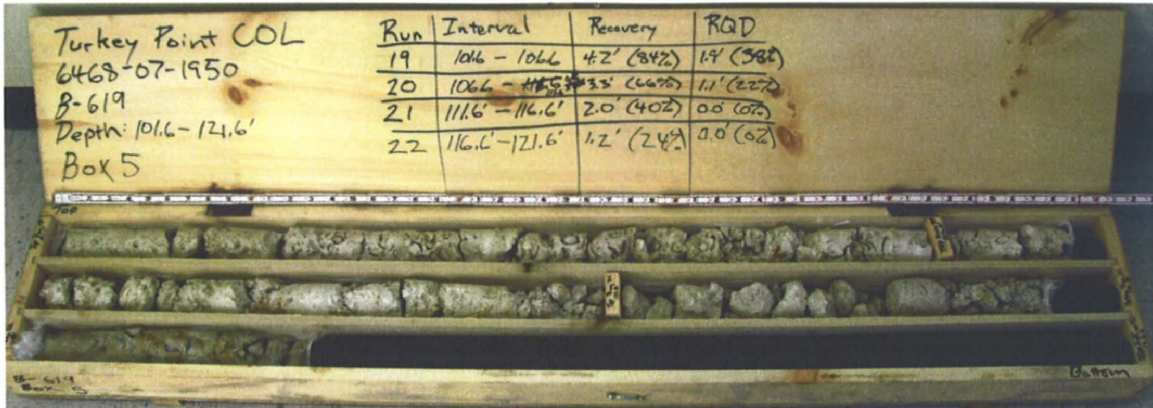
B-619 - Box 2



B-619 - Box 3



B-619 - Box 4



B-619 - Box 5