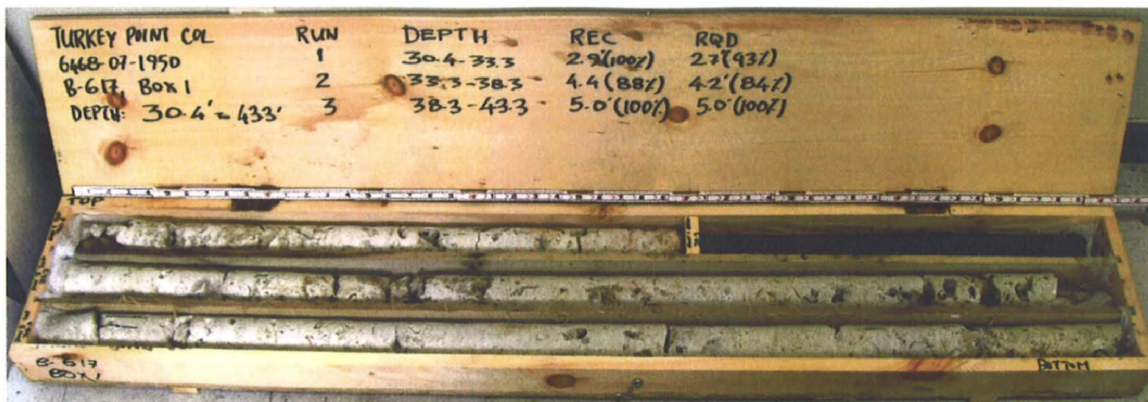
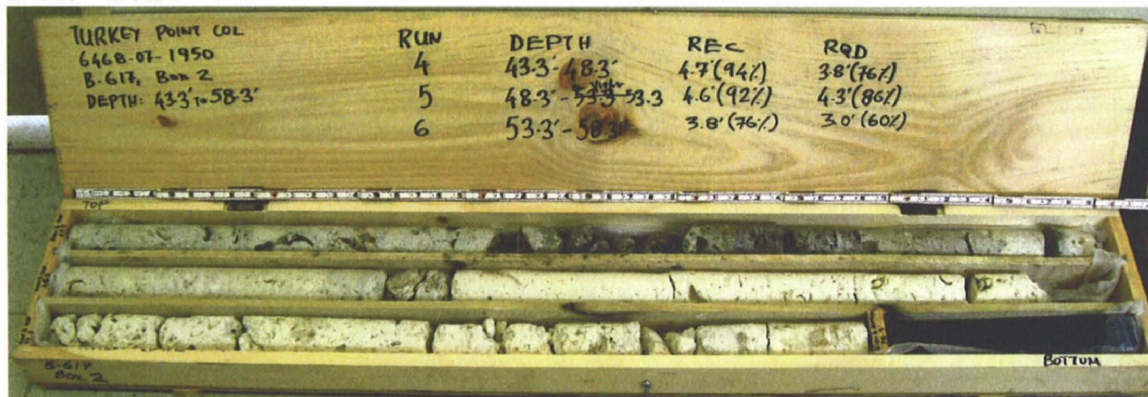
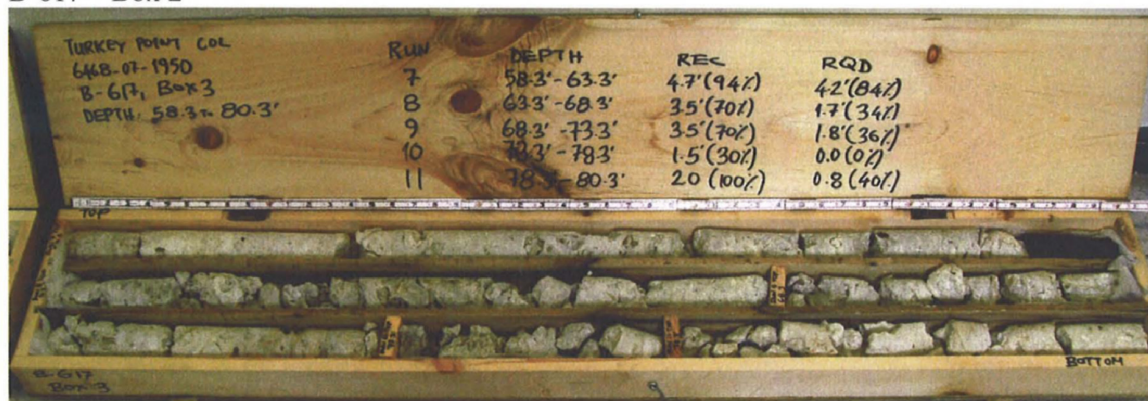




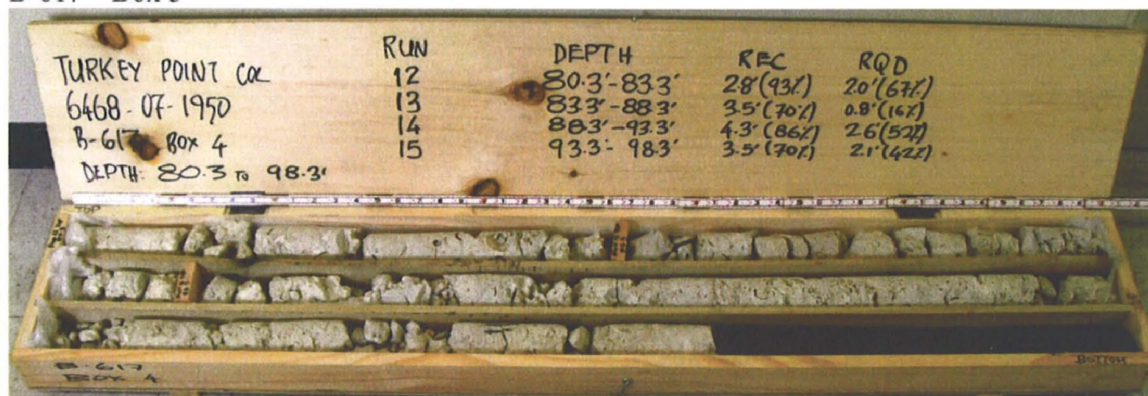
B-617 - Box 1



B-617 - Box 2



B-617 - Box 3



B-617 - Box 4



B-617 - Box 5



GEOTECHNICAL BORING LOG

Prepared By SPZ Date 8-30-08Checked By MM 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					Ground Surface										
-1.4	0.0	WOH	WOH	WOH	0								-1.4	0.0	MUCK, very dark grayish brown (2.5Y3/2), very soft, wet, trace peat
-4.2	2.8				7						618-1		-4.4	3.0	Field notes do not indicate that sample 618-2 was split into separate jars
-6.1	4.7	3	3	4	12						618-2				LIMESTONE, boundstone, white (10YR8/1), very soft, wet, few to little sand, trace organics, friable, oolitic, trace organics (Miami Formation)
-8.8	7.4	6	6	6	9						618-3				7.4ft: trace sand
-11.4	10.0	9	5	4	23						618-4				10.0ft: soft
-13.9	12.5	10	10	13	19						618-5				12.5ft: very soft
-16.2	14.8	19	10	9	36						618-6				14.8ft: medium hard, moderately indurated
-18.2	16.8	8	7	29	13						618-7				16.8ft: very soft
		13	8	5	4						618-8				
-23.4	22.0	3	2	2							618-9				22.0ft: friable
-28.3	26.9												-26.4	25.0	LIMESTONE, boundstone, white (10YR8/1), to pale yellow (2.5Y8/2), hard, wet, indurated (Upper Fort Thompson Formation)
-29.2	27.8	31	50/0.4								618-10				27.8ft: switch sampling method to coring
-31.7	30.3										RUN-1				27.8ft: white (5Y8/1), to light greenish gray (5GY8/1), hard, indurated, coralline, fossiliferous, strong HCl reaction, trace to few vugs
											RUN-2				
-36.7	35.3										RUN-3				29.0ft: loss of circulation
											RUN-4				30.3ft: light greenish gray (5GY8/1)
-41.7	40.3										RUN-5				35.3ft: white (5Y8/1)
-46.7	45.3										RUN-6				40.3ft: white (N8/), hard to moderately hard, recrystallized calcite
											RUN-7				
-51.7	50.3										RUN-8				45.3 to 47.7ft: gray (N6/)
-56.7	55.3										RUN-9				LIMESTONE, boundstone, white (5Y8/1), hard, indurated, fossiliferous with few shell molds and casts, trace vugs, strong HCl reaction (Lower Fort Thompson Formation)
-61.7	60.3										RUN-10				
-66.7	65.3										RUN-11				60.3ft: indurated to friable, trace sand
-67.5	66.1														65.3ft: indurated
															66.1ft: moderately indurated
-71.7	70.3														70.3ft: trace to few sand

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



SHEET 2 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			
-76.2					Continued from previous page								
-76.7	75.3										RUN-12		LIMESTONE, boundstone, white (5Y8/1), hard, indurated, fossiliferous with few shell molds and casts, trace vugs, strong HCl reaction (Lower Fort Thompson Formation) (continued) 75.3ft: indurated 80.3ft: moderately indurated to indurated, little shell molds and casts
-80.5	79.1										RUN-13		
-81.7	80.3										RUN-14		
-86.7	85.3										RUN-15		
-91.7	90.3										RUN-16		
-96.7	95.3										RUN-17		95.3ft: indurated, few to little shell molds and casts
-101.7	100.3										RUN-18		100.3ft: hard to moderately hard, moderately indurated, little to some shell molds and casts
-106.7	105.3										RUN-19		
-111.7	110.3										RUN-20		110.3ft: moderately hard, friable to moderately indurated
-116.7	115.3										RUN-21		115.3ft: moderately indurated
-124.6	123.2	3	3	4							618-11		116.0ft: Silty SAND (SM), light gray (2.5Y7/2), loose, wet, trace limestone fragments (Tamiami Formation) 123.2ft: Switch sampling method to SPT
-129.6	128.2	2	4	5							618-12		128.2ft: greenish gray (10Y6/1), friable to moderately indurated cemented sand fragments
-134.6	133.2	3	6	3							618-13		
-139.6	138.2	6	10	9							618-14		138.2ft: medium dense
-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 GDT 5/30/08



SHEET 3 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.	MOI	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80	100				
-151.0					Continued from previous page									
-154.6	153.2													116.0ft: Silty SAND (SM), light gray (2.5Y7/2), loose, wet, trace limestone fragments (Tamiami Formation) (continued)
		4	6	9	15						618-17			153.2ft: trace shell fragments
														Boring Terminated at Elevation -156.1 ft

TURKEY POINT COL BORE TURKEY POINT GP1 TURKEY POINT COL GDT 5/30/08



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. 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 REC. (ft) %RQD (ft) %		SAMP. NO.	STRATA REC. (ft) %RQD (ft) %		L O G	DESCRIPTION AND REMARKS		
										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) 27.8ft: switch sampling method to coring (continued) 27.8ft: white (5Y8/1), to light greenish gray (5GY8/1), hard, indurated, coralline, fossiliferous, strong HCl reaction, trace to few vugs		
-31.7	30.3		3:06	68%	28%		91%	75%				
		5.0	2:00/0.5	(4.1)	(3.4)	RUN-2				29.0ft: loss of circulation 30.3ft: light greenish gray (5GY8/1) 35.3ft: white (5Y8/1)		
			2:18	82%	68%							
-36.7	35.3		1:17							40.3ft: white (N8/), hard to moderately hard, recrystallized calcite		
			1:20									
		5.0	1:11							45.3 to 47.7ft: gray (N6/)		
			1:32									
		5.0	1:36	(5.0)	(4.0)	RUN-3						
			2:01	100%	80%							
			3:05									
-41.7	40.3		2:15									
			1:55									
		5.0	2:35	(4.9)	(4.5)	RUN-4						
			1:51	98%	90%							
			1:41									
-46.7	45.3		1:17									
			1:09									
		5.0	2:27	(5.0)	(5.0)	RUN-5						
			1:46	100%	100%							
			1:57									
-51.7	50.3		1:47				(49.2)	(28.4)				
			1:41				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	1:49	(5.0)	(5.0)	RUN-6						
			2:11	100%	100%							
			1:20									
-56.7	55.3		1:09									
		5.0	0:45									
			1:28	(4.7)	(4.0)	RUN-7						
			1:44	94%	80%							
			1:18									
-61.7	60.3		1:47									
			1:32									
		5.0	1:29	(3.8)	(2.3)	RUN-8						
			1:42	76%	46%							
			1:41									
-66.7	65.3		1:32									
			1:48									
-67.5	66.1	0.8	2:35/0.8	(0.6)	(0.0)	RUN-9						
		4.2	1:30/0.2	75%	0%	RUN-10				65.3ft: indurated 66.1ft: moderately indurated		
			2:35	(2.5)	(0.9)							
			2:14	60%	21%							
-71.7	70.3		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									
-76.7	75.3		1:05									
			0:57									
		3.8	1:13	(3.3)	(1.6)	RUN-12				75.3ft: indurated		
			1:26	87%	42%							
			1:55									
-80.5	79.1		1:49/0.8									
		1.2	1:41/0.2	(1.2)	(1.1)	RUN-13						
-81.7	80.3		3:41	100%	92%							
		5.0	1:33	(3.0)	(2.2)	RUN-14						
			0:48	60%	44%					80.3ft: moderately indurated to indurated, little shell molds and casts		
			0:46									
-86.7	85.3		0:34									
		5.0	1:05	(2.7)	(0.6)	RUN-15						
			1:06	54%	12%							
			1:19									
-91.7	90.3		1:33									
			0:49									
		5.0	0:43									
			0:58	(4.1)	(2.1)	RUN-16						
			0:46	82%	42%							
			0:47									
-96.7	95.3		1:23									
			0:53									
		5.0	0:57	(4.0)	(2.3)	RUN-17						
			0:36	80%	46%					95.3ft: indurated, few to little shell molds and casts		
			0:39									
-101.7	100.3		0:44									
			0:49									
		5.0	1:10	(4.2)	(2.2)	RUN-18						
			1:18	84%	44%					100.3ft: hard to moderately hard, moderately indurated, little to some shell molds and casts		

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

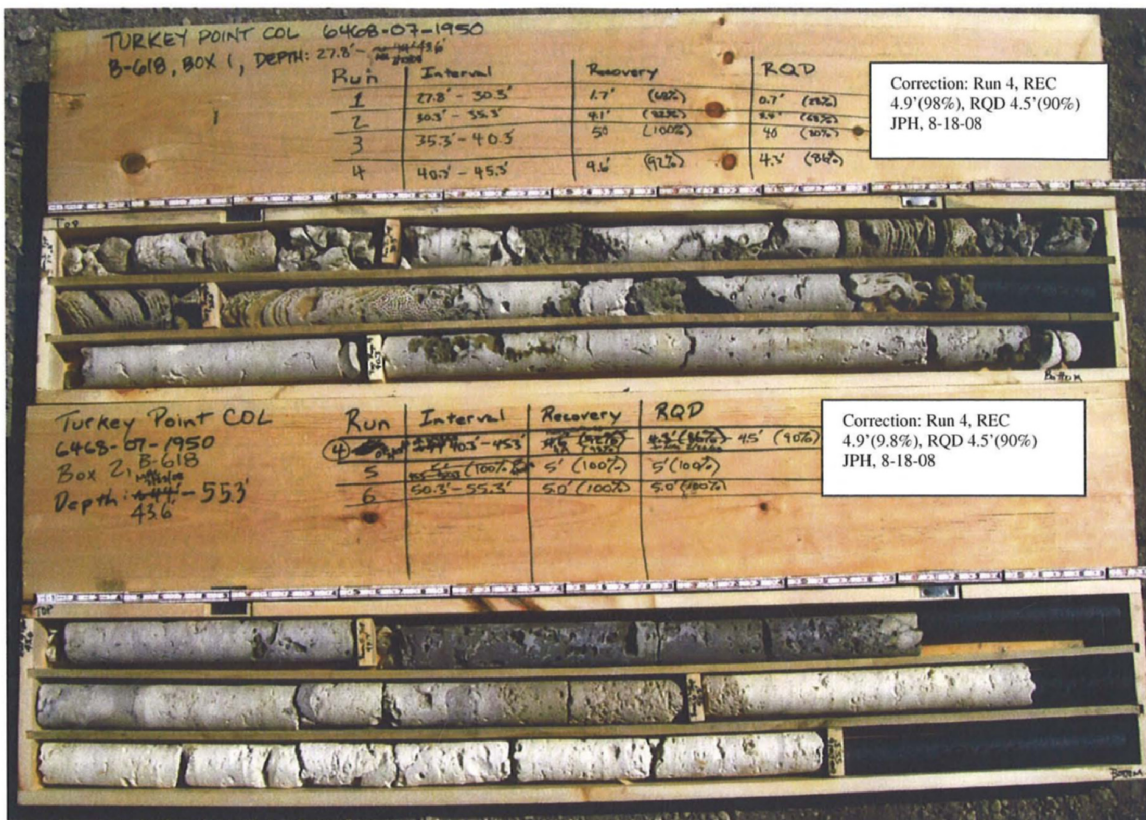


SHEET 2 OF 2

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. 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)

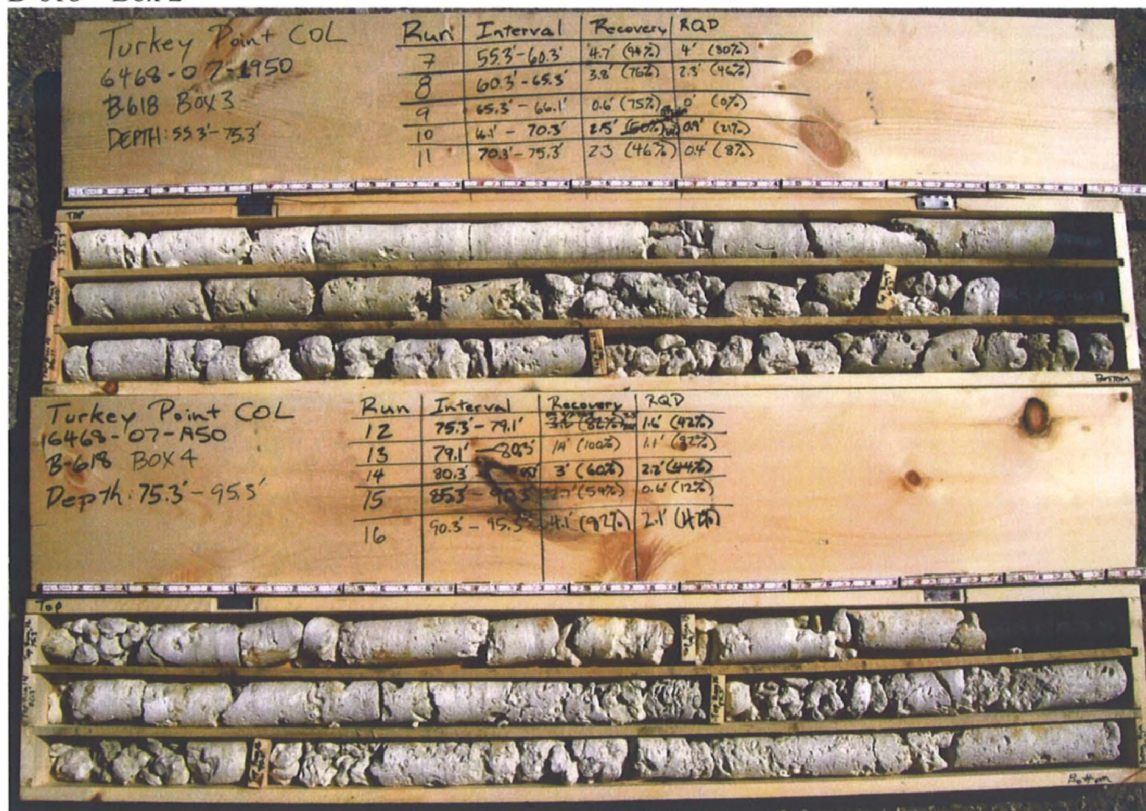
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN		SAMP. NO.	STRATA		L O G	DESCRIPTION AND REMARKS
				REC (ft) %	RQD (ft) %		REC (ft) %	RQD (ft) %		
										Continued from previous page
-106.7	105.3		0:33 1:22 2:28							LIMESTONE, boundstone, white (5Y8/1), hard, indurated, fossiliferous with few shell molds and casts, trace vugs, strong HCl reaction (Lower Fort Thompson Formation) (continued)
		5.0	1:26 1:24 0:47 1:24 2:10	(3.0) 60%	(0.7) 14%	RUN-19				
-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									116.0 120.3
										Coring Terminated at Elevation -121.7

TURKEY POINT COL CORE TURKEY POINT GPJ TURKEY POINT COL GDT 5/20/08



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 OPD Date 8-19-08Checked 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												
-1.7	0.0	WOH	WOH	WOH	0						619-1			-1.7	0.0		
-4.5	2.8										619-2			-5.2	3.5		
-6.8	5.1	WOH	5	9							619-3						
-8.8	7.1	4	20	12							619-4						
		10	6	3							619-5						
-11.4	9.7	6	10	12							619-6						
-13.8	12.1	11	14	10							619-7						
-16.4	14.7	15	10	50/0.5							619-8						
-17.9	16.2										619-9						
-18.4	16.7										619-10						
											619-11						
											619-12						
-23.4	21.7										619-13						
											619-14						
-28.4	26.7										619-15						
											619-16						
-33.4	31.7										619-17						
											619-18						
-38.4	36.7										619-19						
											619-20						
-43.4	41.7										619-21						
											619-22						
-48.4	46.7										619-23						
											619-24						
-53.4	51.7										619-25						
											619-26						
-58.4	56.7										619-27						
											619-28						
-63.4	61.7										619-29						
											619-30						
-68.4	66.7										619-31						
											619-32						
-73.4	71.7										619-33						
											619-34						

TURKEY POINT COL BORE TURKEY POINT COL GDI 8/18/08



SHEET 2 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					
-76.5					Continued from previous page										
-78.4	76.7										RUN-14				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										RUN-15				76.7ft: trace to few shell molds, trace to few sand, few vugs
-88.3	86.6										RUN-16				86.6ft: moderately hard to hard, moderately indurated to indurated
-93.3	91.6										RUN-17				91.6ft: hard, indurated
-98.3	96.6										RUN-18				96.6ft: moderately hard to hard, moderately indurated to indurated
-103.3	101.6										RUN-19				101.6ft: trace sand, little shell molds and casts
-108.3	106.6										RUN-20				106.6ft: indurated to moderately indurated, few sand, few shell molds and casts, few to little vugs
-113.3	111.6										RUN-21				111.6ft: moderately hard, moderately indurated, few to little sand
-118.3	116.6										RUN-22				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							619-8				121.6ft: Switch sampling methods to SPT
															121.6ft: pale yellow (2.5Y8/3), loose, wet, little fines, fine grained sand, trace shell fragments
-128.9	127.2	3	8	8							619-9				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



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	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)	REC (ft) %	RQD (ft) %	SAMP. NO.	STRATA REC (ft) %	RQD (ft) %	L O G	DESCRIPTION AND REMARKS
										Begin Coring @ 16.2 ft
-17.9	16.2	0.5	5:22/0.5	(0.5)	(0.4)	RUN-1	(1.5)	(0.4)		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	100%	80%	RUN-2	17%	5%		16.2ft: (2.5Y8/1), moderately hard, indurated, oolitic, strong HCl reaction
			1:18	(1.0)	(0.0)					
			0.45	20%	0%					16.7ft: soft to moderately hard, friable to indurated, fossiliferous, few vugs
-23.4	21.7		0.50							
		5.0	0.24	(1.7)	(0.7)	RUN-3				
			0.34	34%	14%					
			0.28							
			2.28							
-28.4	26.7		0.58				(22.8)	(18.2)		-26.7
		5.0	1.47	(5.0)	(4.5)	RUN-4	98%	78%		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, coralline, strong HCl reaction, few vugs (Upper Fort Thompson Formation)
			1.25	100%	90%					25.0 to 30.0ft: loss of circulation
			0.50			619-CS-01				
-33.4	31.7		0.51							
		5.0	1.37	(5.0)	(3.5)	RUN-5				
			1.00	100%	70%					
			0.51							
-38.4	36.7		0.48							
		5.0	1.06	(5.0)	(3.8)	RUN-6				
			0.53	100%	76%					
			1.03							
			1.59							
-43.4	41.7		2.09							
		5.0	1.56	(4.6)	(4.2)	RUN-7				41.7ft: white (2.5Y8/1), to 45.7ft then bluish gray (5PB5/1)
			0.20	92%	84%					
			1.59							
			1.38							
-48.4	46.7		1.13							
		5.0	1.38	(5.0)	(5.0)	RUN-8				
			0.50	100%	100%					
			1.01			619-CS-02	(40.9)	(19.5)		-49.9
-53.4	51.7		1.09				61%	29%		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, few shell molds and casts, strong HCl reaction, few vugs (Lower Fort Thompson Formation)
		5.0	0.59	(3.0)	(1.8)	RUN-9				51.7ft: trace sand and shell molds
			0.47	60%	36%					
			0.42							
			0.29							
-58.4	56.7		0.33							
		5.0	0.20	(3.6)	(2.3)	RUN-10				
			1.00	72%	46%					
			1.00							
			0.59							
-63.4	61.7		1.04							
		5.0	0.57	(1.9)	(0.0)	RUN-11				
			1.20	38%	0%					
			0.50							
			0.54							
-68.4	66.7		0.30							
		5.0	0.26	(2.8)	(1.6)	RUN-12				
			1.06	56%	32%					
			0.38							
			0.41							
-73.4	71.7		0.08							
		5.0	1.23	(3.2)	(1.3)	RUN-13				71.7ft: few shell molds
			1.32	64%	26%					
			1.25							
			1.16							
-78.4	76.7		0.39							
		4.9	0.54	(3.7)	(1.5)	RUN-14				76.7ft: trace to few shell molds, trace to few sand, few vugs
			1.23	76%	31%					
			1.14							
-83.3	81.6		1.03							
		5.0	1.17	(3.3)	(1.2)	RUN-15				
			1.16/0.9	66%	24%					
			1.10							
			0.46							
			0.56							
-88.3	86.6		0.32							
		5.0	0.34	(1.5)	(0.0)	RUN-16				86.6ft: moderately hard to hard, moderately indurated to indurated
			0.41	30%	0%					
			0.45							
			1.01							
			2.08							

TURKEY POINT COL CORE TURKEY POINT GP TURKEY POINT COL GDT 8/18/08



SHEET 2 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	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)	REC (ft) %	RQD (ft) %	SAMP. NO.	REC. (ft) %	RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										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	121.6 Coring Terminated at Elevation -123.3

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



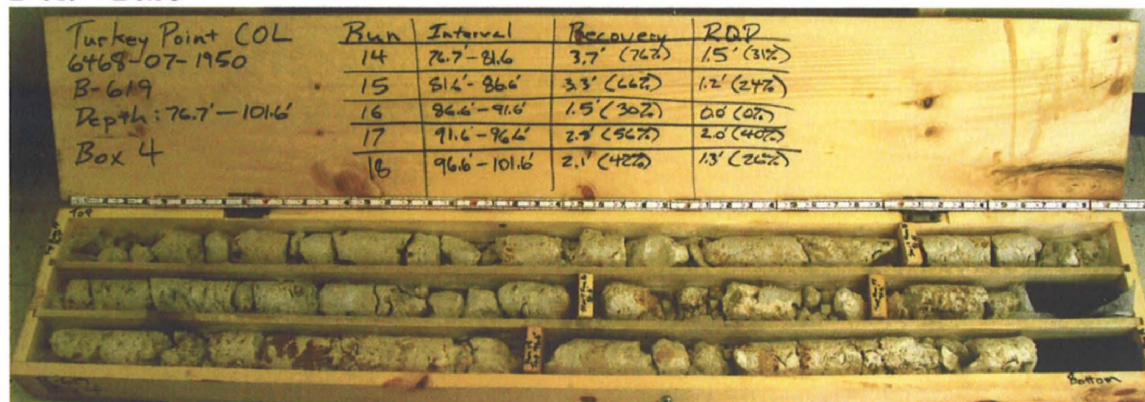
B-619 - Box 1



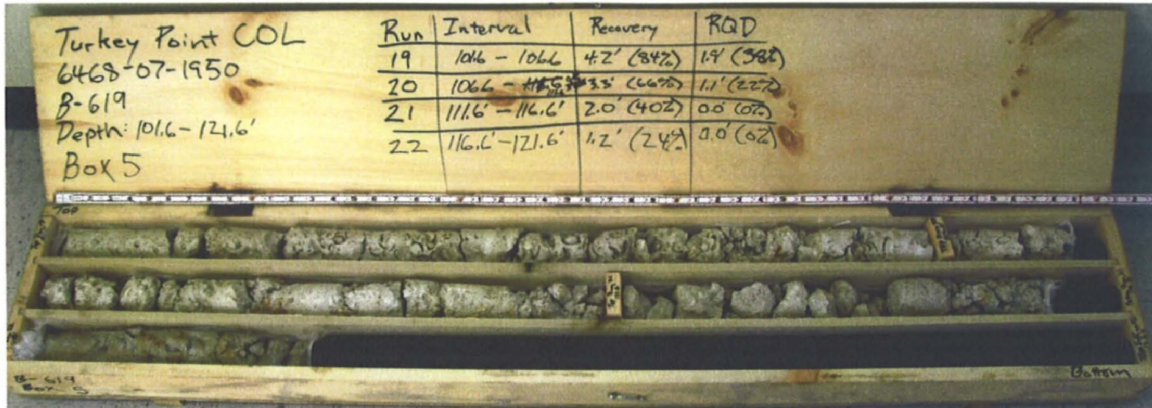
B-619 - Box 2



B-619 - Box 3



B-619 - Box 4



B-619 - Box 5