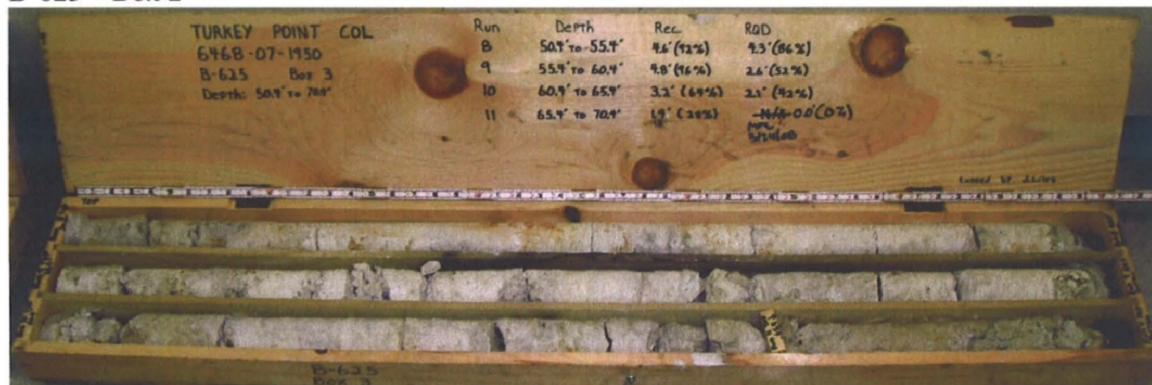


B-625 - Box 1



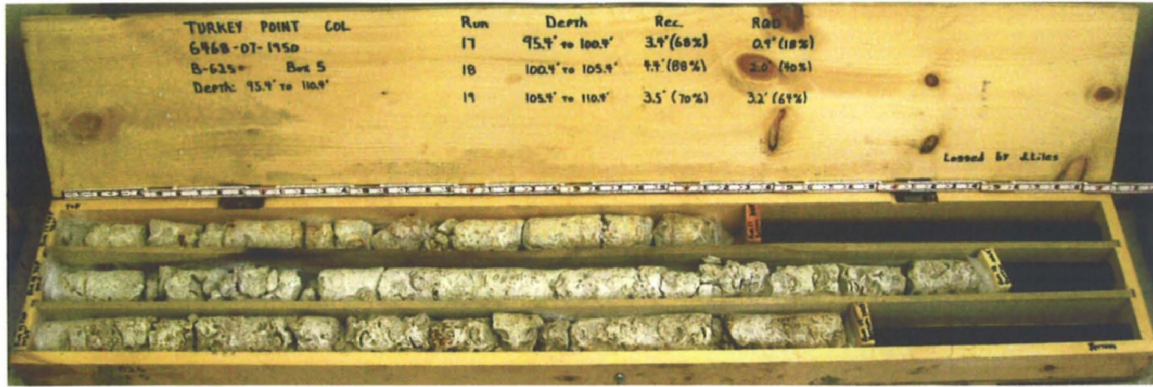
B-625 - Box 2



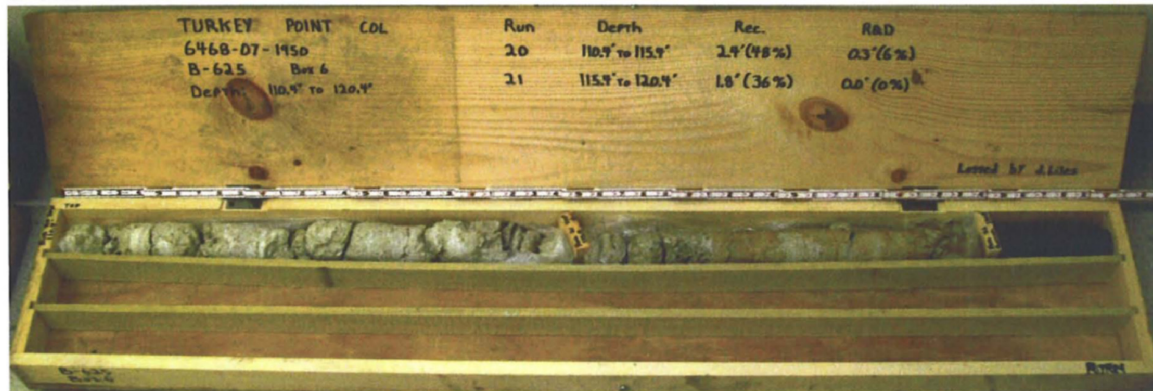
B-625 - Box 3



B-625 - Box 4



B-625 - Box 5



B-625 - Box 6





GEOTECHNICAL BORING LOG

Prepared By APP Date 5-30-08

Checked By JML Date 5-20-08

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		GROUND WATER (ft)							
BORING NO.: B-626		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA							
GROUND ELEV.: -1.6 ft (NAVD88)		NORTHING: 396,875 US ft (NAD83/90)		EASTING: 876,857 US ft (NAD83/90)		24 HR. NA							
TOTAL DEPTH: 100.6 ft		BORING DIAMETER: 4" to 29.4', 3" to 100.6'		CASING DEPTH: 4" to 29.4'		HAMMER (ID):140 lb. Auto (M06)							
DATE STARTED: 3/18/08		COMPLETED: 3/20/08		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
-1.6					Ground Surface							0.0	
-1.6	0.0	WOH	WOH	WOH	0						626-1		MUCK, black (2.5Y2.5/1), very soft, wet, no HCl reaction, fibrous
-4.5	2.9										626-2A&B		
-6.6	5.0	WOH	7	10							626-3		LIMESTONE, boundstone, white (2.5Y8/1), very soft, wet, strong HCl reaction, oolitic (Miami Formation)
-9.0	7.4		10	6							626-4		
-11.1	9.5		9	4							626-5		
-14.1	12.5		3	5							626-6		
-16.5	14.9		9	8							626-7		14.9ft. moderately hard
-20.2	18.6		6	17							626-8		18.6ft. very soft
-28.3	26.7		2	6							626-9		
-28.7	27.1	50/0.4									RUN-1		LIMESTONE, boundstone, white (2.5Y8/1), hard, wet, strong HCl reaction (Upper Fort Thompson Formation)
-30.2	28.6										RUN-2		27.1ft: Switch sampling method to coring 27.1ft: white (2.5Y8/1), moderately hard, moderately indurated, fossiliferous, strong HCl reaction, few vugs
-35.2	33.6										RUN-3		27.5ft: loss of circulation 28.6ft: hard, indurated 33.6ft: moderately hard, moderately indurated, recrystallized calcite
-40.2	38.6										RUN-4		38.6ft: moderately indurated to indurated, little vugs
-45.2	43.6										RUN-5		43.6ft: white (2.5Y8/1) to 45.3ft then light gray (10YR6/1) to 48.6ft
-50.2	48.6										RUN-6		
-55.2	53.6										RUN-7		LIMESTONE, boundstone, white (2.5Y8/1), moderately hard, moderately indurated, trace vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation)
-60.2	58.6										RUN-8		
-65.2	63.6										RUN-9		
-70.2	68.6										RUN-10		63.6ft: moderately hard to hard, moderately indurated to indurated
-75.2	73.6										RUN-11		

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 Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger		GROUND WATER (ft)									
BORING NO.: B-626		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA									
GROUND ELEV.: -1.6 ft (NAVD88)		NORTHING: 396,875 US ft (NAD83/90)		EASTING: 876,857 US ft (NAD83/90)		24 HR. NA									
TOTAL DEPTH: 100.6 ft		BORING DIAMETER: 4" to 29.4', 3" to 100.6'		CASING DEPTH: 4" to 29.4'		HAMMER (ID): 140 lb. Auto (M06)									
DATE STARTED: 3/18/08		COMPLETED: 3/20/08		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		
-76.4					Continued from previous page										
-80.2	78.6										RUN-12	LIMESTONE, boundstone, white (2.5Y8/1), moderately hard, moderately indurated, trace vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) (continued)  88.6ft: medium hard to moderately hard, friable to moderately indurated			
-85.2	83.6										RUN-13				
-90.2	88.6										RUN-14				
-95.2	93.6										RUN-15				
-100.2	98.6										RUN-16				
													-102.2	100.6	Boring Terminated at Elevation -102.2 ft

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



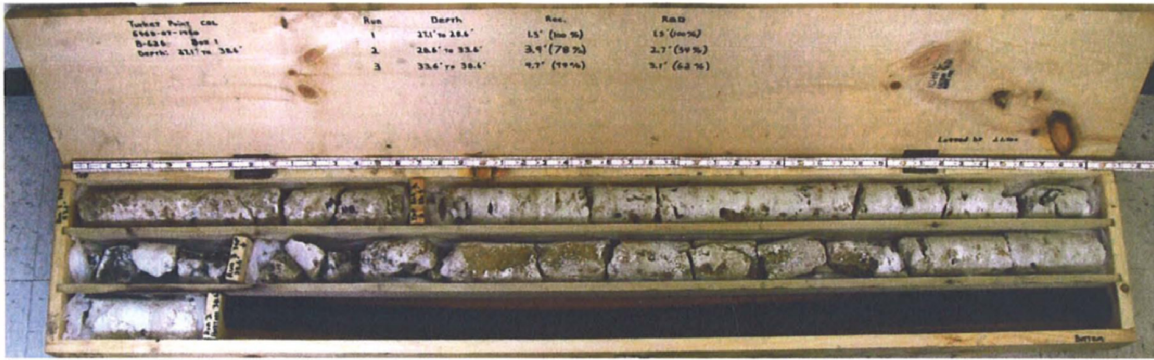


BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade	GEOLOGIST: J. Liles
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger	
BORING NO.: B-626		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core	
GROUND ELEV.: -1.6 ft (NAVD88)		NORTHING: 396,875 US ft (NAD83/90)		EASTING: 876,857 US ft (NAD83/90)	
TOTAL DEPTH: 100.6 ft		CASING DEPTH: 4" to 29.4'			HAMMER (ID): 140 lb. Auto (M06)
DATE STARTED: 3/18/08		COMPLETED: 3/20/08		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 @ 27.1 ft
-28.7	27.1	1.5	1:47	(1.5)	(1.5)	RUN-1	(19.7)	(15.1)		LIMESTONE, boundstone, white (2.5Y8/1), hard, wet, strong HCl reaction (Upper Fort Thompson Formation) 27.1ft: Switch sampling method to coring ( <i>continued</i> ) 27.1ft: white (2.5Y8/1), moderately hard, moderately indurated, fossiliferous, strong HCl reaction, few vugs  27.5ft: loss of circulation 28.6ft: hard, indurated 33.6ft: moderately hard, moderately indurated, recrystallized calcite  38.6ft: moderately indurated to indurated, little vugs  43.6ft: white (2.5Y8/1) to 45.3ft then light gray (10YR6/1) to 48.6ft  48.6ft: LIMESTONE, boundstone, white (2.5Y8/1), moderately hard, moderately indurated, trace vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation)  63.6ft: moderately hard to hard, moderately indurated to indurated  88.6ft: medium hard to moderately hard, friable to moderately indurated
-30.2	28.6	5.0	0:41/0:5	100%	100%	RUN-2	92%	70%		
			0:53 1:03 1:00 1:15 0:35	(3.9) 78%	(2.7) 54%					
-35.2	33.6	5.0	0:42 0:51 1:03 0:49 0:53	(4.7) 94%	(3.1) 62%	RUN-3				
-40.2	38.6	5.0	1:00 1:18 0:57 1:03 1:01	(4.6) 92%	(3.0) 60%	RUN-4				
-45.2	43.6	5.0	1:01 1:37 1:32 1:30 1:09	(5.0) 100%	(4.8) 96%	RUN-5				
-50.2	48.6	5.0	1:20 0:59 1:02 0:52 1:00	(5.0) 100%	(3.8) 76%	RUN-6	(30.9) 59%	(14.4) 28%		
-55.2	53.6	5.0	0:51 0:47 0:30 0:43 1:23	(3.3) 66%	(1.0) 20%	RUN-7				
-60.2	58.6	5.0	0:36 1:16 0:32 0:18 1:08	(3.5) 70%	(1.3) 26%	RUN-8				
-65.2	63.6	5.0	0:41 0:40 0:45 0:26 0:25	(1.8) 36%	(0.9) 18%	RUN-9				
-70.2	68.6	5.0	1:20 0:46 0:14 0:27 0:24	(1.9) 38%	(1.1) 22%	RUN-10				
-75.2	73.6	5.0	0:10 0:10 0:20 1:08 1:35	(2.4) 48%	(1.5) 30%	RUN-11				
-80.2	78.6	5.0	1:10 1:12 1:09 0:48 0:31	(1.3) 26%	(0.3) 6%	RUN-12				
-85.2	83.6	5.0	0:46 1:05 1:21 1:38 1:39	(3.5) 70%	(1.5) 30%	RUN-13				
-90.2	88.6	5.0	0:47 0:46 1:03 0:55 0:33	(2.9) 58%	(0.4) 8%	RUN-14				
-95.2	93.6	5.0	0:45 0:19 0:41 0:12 0:37	(3.8) 76%	(2.6) 52%	RUN-15				
-100.2	98.6	2.0	0:29 0:36	(1.5) 75%	(0.0) 0%	RUN-16				
-102.2	100.6								-102.2	Coring Terminated at Elevation -102.2

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 7/25/08

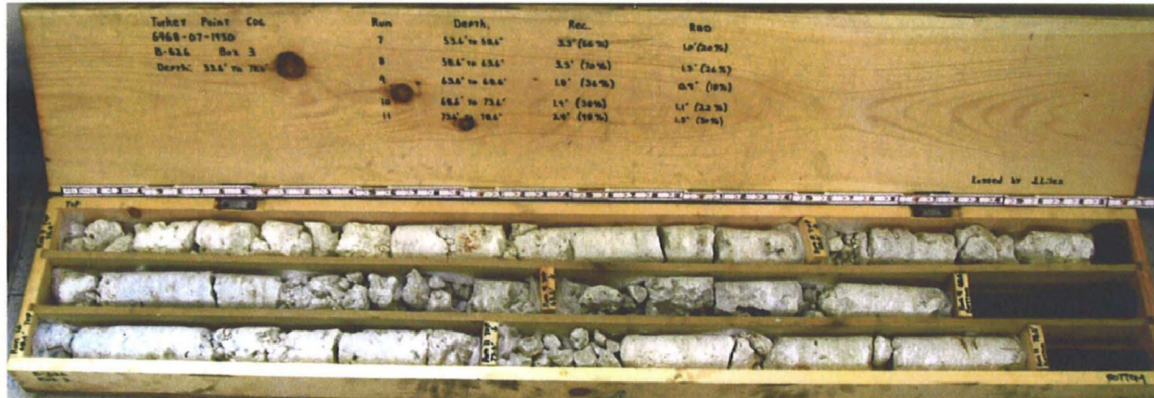




B-626 - Box 1



B-626 - Box 2



B-626 - Box 3



B-626 - Box 4





GEOTECHNICAL BORING LOG

Prepared By *APZ* Date *5-30-08*

Checked By *MM* Date *5-30-08*

SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: L. Bisson								
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (ATL)		DRILLER: L. Carter/ J. Landeros		GROUND WATER (ft)								
BORING NO.: B-627		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA								
GROUND ELEV.: -1.3 ft (NAVD88)		NORTHING: 396,835 US ft (NAD83/90)		EASTING: 876,333 US ft (NAD83/90)		24 HR. NA								
TOTAL DEPTH: 102.0 ft		BORING DIAMETER: 4" to 30.0', 3" to 102.0'		CASING DEPTH: 4" to 30.0'		HAMMER (ID): 140 lb. Auto (MEC-03)								
DATE STARTED: 4/8/08		COMPLETED: 4/9/08		CORE SIZE: HQ3		BITS USED: 4" 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	
-1.3					Ground Surface							-1.3	0.0	
-1.3	0.0	WOR	WOR	WOR							627-1			MUCK, light brownish gray (10YR6/2), to very dark brown (10YR2/2), very soft, wet, organic, trace shell fragments
-3.8	2.5	4	3	5							627-2			2.5ft: Field notes do not indicate that sample 627-2 was split into separate jars
-6.3	5.0	8	7	6							627-3			LIMESTONE, boundstone, pale yellow (2.5Y8/3), to light gray (2.5Y7/1), very soft, wet, trace sand, fossiliferous, strong HCl reaction, oolitic (Miami Formation)
-8.8	7.5	14	5	6							627-4			5.0ft: pale yellow (2.5Y8/2)
-11.3	10.0	5	4	7							627-5			7.5ft: white (2.5Y8/1), to pale yellow (2.5Y8/2)
-13.8	12.5	11	9	10							627-6			10.0ft: pale yellow (2.5Y8/2), to light gray (2.5Y7/2)
-16.3	15.0	6	16	17							627-7			12.5ft: white (10YR8/1)
-20.5	19.2	4	8	4							627-8			15.0ft: white (10YR8/1), to light gray (10YR7/1), medium hard
-25.5	24.2	4	20	18							627-9			19.2ft: white (10YR8/1), to very pale brown (10YR7/3), very soft
-30.5	29.2										627-10			24.2ft: white (2.5Y8/1), medium hard
-31.6	30.3	6	49	50/0.1							RUN-1			LIMESTONE, boundstone, white (2.5Y8/1), hard, wet, fossiliferous, strong HCl reaction (Upper Fort Thompson Formation)
-34.3	33.0										RUN-2			30.3ft: Switch sampling method to coring
-39.3	38.0										RUN-3			30.3ft: white (10YR8/1), hard, indurated, fossiliferous, trace recrystallized calcite, coralline, strong HCl reaction, few vugs
-44.3	43.0										RUN-4			33.0ft: white (10YR8/1), to light gray (2.5Y7/1), medium hard to hard
-49.3	48.0										RUN-5			38.0ft: white (2.5Y8/1), hard
-54.3	53.0										RUN-6			43.0ft: white (2.5Y8/1) to 46.0ft then gray (2.5Y6/1) to 47.5ft
-59.3	58.0										RUN-7			LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, trace vugs, trace shell molds and cast, strong HCl reaction (Lower Fort Thompson Formation)
-64.3	63.0										RUN-8			48.0ft: trace shell molds and casts
-69.3	68.0										RUN-9			53.0ft: white (10YR8/1), moderately hard, sandy, trace to few shell molds and casts
-74.3	73.0										RUN-10			58.0ft: hard
														63.0ft: white (2.5Y8/1), soft to medium hard, moderately indurated
														68.0 to 71.0ft: fine grained sand, white (10YR8/1), to light gray (10YR7/1), unconsolidated, strong HCl reaction
														71.0ft: LIMESTONE, boundstone, light gray (10YR7/1), medium hard, moderately indurated, sandy, strong HCl reaction

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: L. Bisson							
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (ATL)			DRILLER: L. Carter/ J. Landeros			GROUND WATER (ft)						
BORING NO.: B-627		DRILL METHOD: Mud Rotary/ Core			SAMPLE METHODS: SPT/Core			0 HR. NA						
GROUND ELEV.: -1.3 ft (NAVD88)		NORTHING: 396,835 US ft (NAD83/90)			EASTING: 876,333 US ft (NAD83/90)			24 HR. NA						
TOTAL DEPTH: 102.0 ft		BORING DIAMETER: 4" to 30.0', 3" to 102.0'			CASING DEPTH: 4" to 30.0'			HAMMER (ID):140 lb. Auto (MEC-03)						
DATE STARTED: 4/8/08		COMPLETED: 4/9/08			CORE SIZE: HQ3		BITS USED: 4" 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	
-76.1					Continued from previous page									
-79.3	78.0										RUN-11	<p>73.0ft: soft to medium hard, and possible thin sand lenses LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, trace vugs, trace shell molds and cast, strong HCl reaction (Lower Fort Thompson Formation) (continued) 78.0ft: white (10YR8/1), to light gray (10YR7/1), medium hard to moderately hard, moderately indurated to indurated, sandy, trace to few shell molds and casts 83.0ft: moderately indurated</p> <p>88.0ft: white (2.5Y8/1), hard, indurated</p> <p>93.0ft: medium hard to hard, moderately indurated</p> <p>98.0ft: moderately hard, moderately indurated</p>		
-84.3	83.0										RUN-12			
-89.3	88.0										RUN-13			
-94.3	93.0										RUN-14			
-99.3	98.0										RUN-15			
												-103.3	102.0	Boring Terminated at Elevation -103.3 ft

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





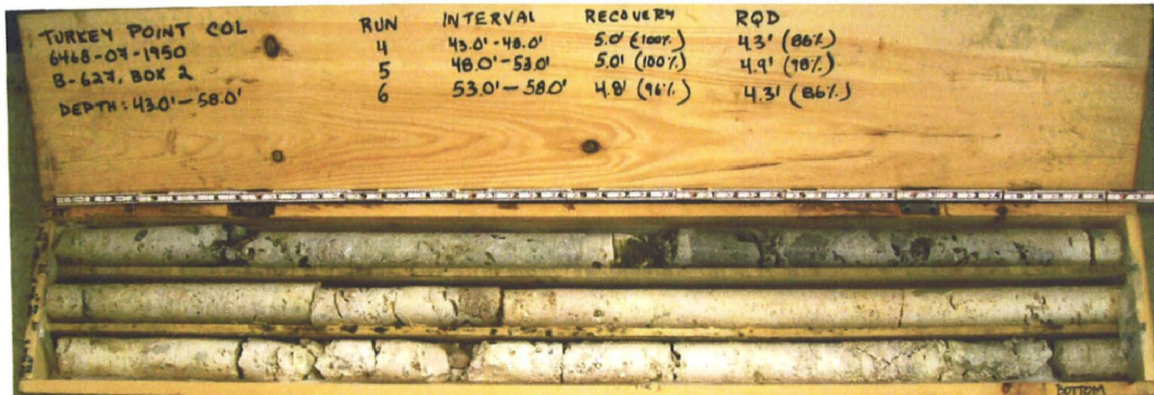
BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: L. Bisson	
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (ATL)		DRILLER: L. Carter/ J. Landeros			GROUND WATER (ft) 0 HR. NA 24 HR. NA
BORING NO.: B-627		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core			
GROUND ELEV.: -1.3 ft (NAVD88)		NORTHING: 396,835 US ft (NAD83/90)		EASTING: 876,333 US ft (NAD83/90)			
TOTAL DEPTH: 102.0 ft		CASING DEPTH: 4" to 30.0'				HAMMER (ID): 140 lb. Auto (MEC-03)	
DATE STARTED: 4/8/08		COMPLETED: 4/9/08		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 @ 30.3 ft
-31.6	30.3	2.7	1:52	(2.7)	(2.6)	RUN-1	(16.1)	(13.3)		LIMESTONE, boundstone, white (2.5Y8/1), hard, wet, fossiliferous, strong HCl reaction (Upper Fort Thompson Formation) <i>(continued)</i>
-34.3	33.0		1:42	100%	96%		94%	77%		30.3ft: white (10YR8/1), hard, indurated, fossiliferous, trace recrystallized calcite, coralline, strong HCl reaction, few vugs
		5.0	1:26/0.7	(4.5)	(2.8)	RUN-2				33.0ft: white (10YR8/1), to light gray (2.5Y7/1), medium hard to hard
			2:15	90%	56%					
			1:30							
			1:35							
-39.3	38.0		1:22							38.0ft: white (2.5Y8/1), hard
		5.0	0:56	(4.4)	(4.2)	RUN-3				
			1:46	88%	84%					
			1:27							
			1:41							
-44.3	43.0		1:51	(5.0)	(4.3)	RUN-4				43.0ft: white (2.5Y8/1) to 46.0ft then gray (2.5Y6/1) to 47.5ft
		5.0	1:35	100%	86%					
			2:25							
			1:57							
			2:17							
-49.3	48.0		1:55	(5.0)	(4.9)	RUN-5	(42.7)	(26.3)		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, trace vugs, trace shell molds and cast, strong HCl reaction (Lower Fort Thompson Formation)
		5.0	1:12	100%	98%		78%	48%		48.0ft: trace shell molds and casts
			0:52							
			1:32							
-54.3	53.0		1:16	(4.8)	(4.3)	RUN-6				53.0ft: white (10YR8/1), moderately hard, sandy, trace to few shell molds and casts
		5.0	0:48	96%	86%					
			1:12							
			2:07							
-59.3	58.0		1:04	(5.0)	(3.4)	RUN-7				58.0ft: hard
		5.0	0:53	100%	68%					
			1:34							
			2:12							
-64.3	63.0		1:22	(3.2)	(0.0)	RUN-8				63.0ft: white (2.5Y8/1), soft to medium hard, moderately indurated
		5.0	0:21	64%	0%					
			0:22							
			0:22							
			0:25							
-69.3	68.0		0:45	(2.5)	(0.5)	RUN-9				68.0 to 71.0ft: fine grained sand, white (10YR8/1), to light gray (10YR7/1), unconsolidated, strong HCl reaction
		5.0	0:03	50%	10%					71.0ft: LIMESTONE, boundstone, light gray (10YR7/1), medium hard, moderately indurated, sandy, strong HCl reaction
			0:04							
			0:08							
-74.3	73.0		0:36	(1.3)	(0.4)	RUN-10				73.0ft: soft to medium hard, and possible thin sand lenses
		5.0	0:21	26%	8%					
			0:08							
			0:22							
			0:16							
-79.3	78.0		0:08	(4.3)	(2.5)	RUN-11				78.0ft: white (10YR8/1), to light gray (10YR7/1), medium hard to moderately hard, moderately indurated to indurated, sandy, trace to few shell molds and casts
		5.0	0:58	86%	50%					
			1:07							
			1:25							
-84.3	83.0		0:59	(4.0)	(2.2)	RUN-12				83.0ft: moderately indurated
		5.0	1:43	80%	44%					
			0:06							
			0:26							
			1:55							
-89.3	88.0		2:45	(5.0)	(4.0)	RUN-13				88.0ft: white (2.5Y8/1), hard, indurated
		5.0	1:01	100%	80%					
			1:13							
			1:15							
-94.3	93.0		1:13	(3.3)	(2.0)	RUN-14				93.0ft: medium hard to hard, moderately indurated
		5.0	0:05	66%	40%					
			0:32							
			0:43							
			1:04							
-99.3	98.0		1:02	(3.8)	(1.6)	RUN-15				98.0ft: moderately hard, moderately indurated
		4.0	0:53	95%	40%					
			0:37							
			0:49							
-103.3	102.0		0:32							Coring Terminated at Elevation -103.3

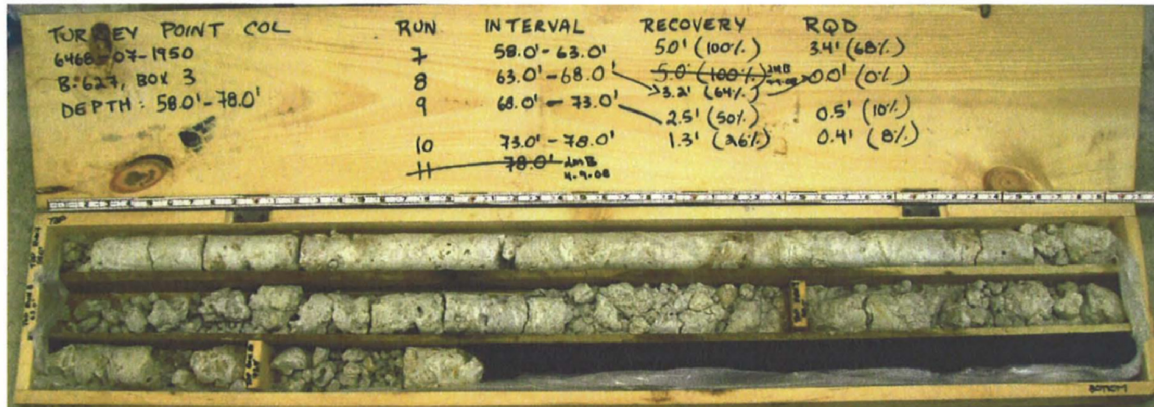
TURKEY POINT COL CORE TURKEY POINT GPJ TURKEY POINT COL GDT 5 30.08



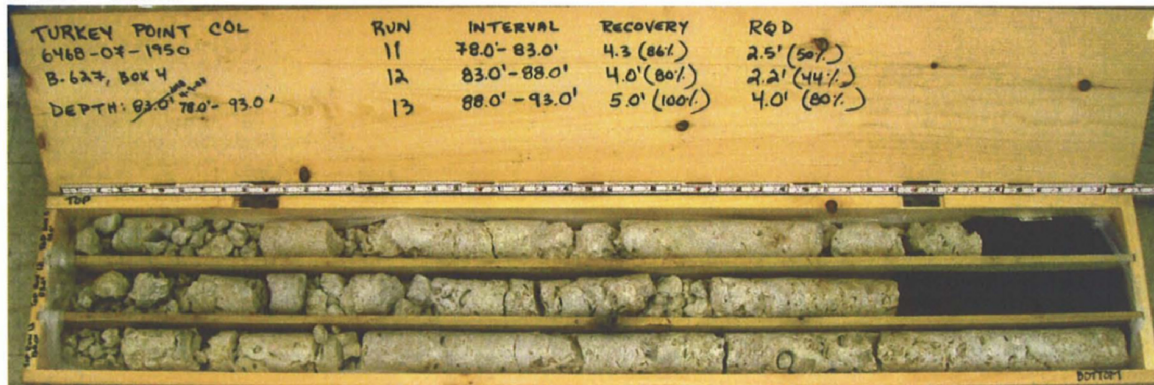
B-627 - Box 1



B-627 - Box 2

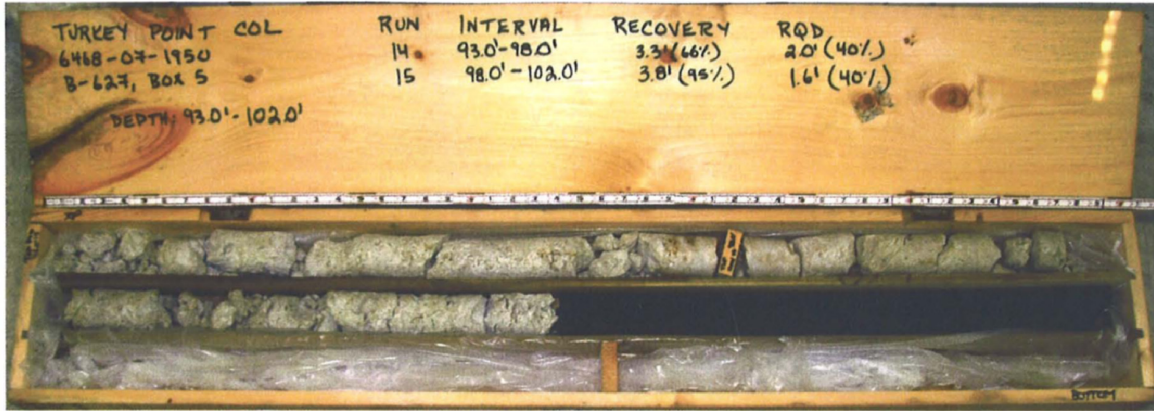


B-627 - Box 3



B-627 - Box 4





B-627 - Box 5