MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: G. Pillappa
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-55 LC (RAL)	DRILLER: R. Banks/ J. Rosser	GROUND WATER (ft)
BORING NO.: B-712	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 397,082 US ft (NAD83/90)	EASTING: 876,022 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 128.3 ft	BORING DIAMETER: 4" to 28.1', 3" to 128.3'	CASING DEPTH: 4" to 28.1', 3" to 122.0'	HAMMER (ID):140 lb. Auto (MEC-02)
DATE STARTED: 3/19/08	COMPLETED: 3/21/08	CORE SIZE: HQ3	BITS USED: 2 7/8" Tricone

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
-75.9					Continued from previous page				
-77.9	76.8					RUN-11			LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
-82.9	81.8					RUN-12			
-87.9	86.8					RUN-13			
-92.9	91.8					RUN-14			
-97.9	96.8					RUN-15			96.8ft: medium hard to hard, trace fine grained sand, few to little shell molds and casts
-102.9	101.8					RUN-16			101.8ft: hard to medium hard
-107.9	106.8					RUN-17			106.8ft: hard
-112.9	111.8					RUN-18			
-116.1	115.0								
-117.9	116.8					RUN-19			Silty SAND (SM), and interbedded LIMESTONE, boundstone, white (5Y8/1), hard indurated, fossiliferous, trace fine sand, strong HCl reaction (Tamiami Formation)
-127.9	126.8								126.8ft: Switch sampling method to SPT
		8	6	9	15	712-10			Silty SAND (SM), greenish gray (5/10Y), medium dense, wet, fine grained sand, weak HCl reaction
-129.4	128.3								Boring Terminated at Elevation -129.4 ft

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 7/10/08

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: G. Pillappa	
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-55 LC (RAL)	DRILLER: R. Banks/ J. Rosser	GROUND WATER (ft)	
BORING NO.: B-712	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR.	NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 397,082 US ft (NAD83/90)	EASTING: 876,022 US ft (NAD83/90)	24 HR.	NA
TOTAL DEPTH: 128.3 ft	CASING DEPTH: 4" to 28.1', 3" to 122.0'		HAMMER (ID): 140 lb. Auto (MEC-02)	
DATE STARTED: 3/19/08	COMPLETED: 3/21/08	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) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC. (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										Begin Coring @ 30.5 ft
-31.6	30.5	0.5	1:40/0.5	(0.3) 60%	(0.0) 0%	RUN-1	(12.8) 63%	(5.9) 29%		LIMESTONE, boundstone, white (10YR8/1), very soft, moist, strong HCl reaction, trace shell fragments (Upper Fort Thompson Formation)
-32.1	31.0	5.0	0:57			RUN-2				26.5ft: loss of circulation
-32.9	31.8		0:50 0:52 0:58	(2.0) 40%	(0.0) 0%					29.0ft: hard
-37.9	36.8		0:36							30.5ft: Switch sampling method to coring *(continued)*
		5.0	0:30 0:21 0:20 0:17	(3.2) 64%	(1.5) 30%	RUN-3				30.5ft: white, (5Y8/1), hard, indurated, strong HCl reaction, little vugs
-42.9	41.8		0:25							31.8ft: fossiliferous, coralline, some vugs
		5.0	0:17 1:09 0:26 0:21	(4.2) 84%	(3.1) 62%	RUN-4				36.8ft: dark greenish gray (4/10Y), few vugs
-47.9	46.8		0:29							41.8ft: pale yellow (2.5Y8/4)
		5.0	1:08 0:47 0:37 0:56	(4.1) 82%	(2.3) 46%	RUN-5				46.8ft: white (2.5Y8/1), to 48.4ft then gray (N5/) to 50.8ft
-52.9	51.8		0:45							-51.9
		5.0	0:49 0:48 0:46 0:37	(5.0) 100%	(5.0) 100%	RUN-6	(40.8) 64%	(26.7) 42%		50.8 LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation)
-57.9	56.8		0:27							56.8ft: white (5Y8/1)
		5.0	0:32 0:10 0:19 0:12	(1.6) 32%	(0.0) 0%	RUN-7				
-62.9	61.8		0:48							
		5.0	0:37 0:45 0:43 0:42	(5.0) 100%	(3.9) 78%	RUN-8				
-67.9	66.8		0:40							66.8ft: white (8/N)
		5.0	0:30 0:43 0:41 0:39	(3.8) 76%	(3.3) 66%	RUN-9				
-72.9	71.8		0:19							71.8ft: white (5Y8/1)
		5.0	0:30 0:28 0:23 0:31	(2.0) 40%	(0.0) 0%	RUN-10				
-77.9	76.8		0:14							
		5.0	0:30 0:21 0:36 0:35	(3.3) 66%	(1.9) 38%	RUN-11				
-82.9	81.8		0:41							
		5.0	0:25 0:22 0:17 0:23	(1.1) 22%	(0.5) 10%	RUN-12				
-87.9	86.8		0:16							
		5.0	0:40 1:28 0:48 0:26	(3.8) 76%	(2.3) 46%	RUN-13				
-92.9	91.8		0:39							
		5.0	0:27 0:27 0:17 0:15	(2.1) 42%	(1.5) 30%	RUN-14				
-97.9	96.8		0:11							
		5.0	0:14 0:15 0:20 0:43	(3.1) 62%	(2.2) 44%	RUN-15				96.8ft: medium hard to hard, trace fine grained sand, few to little shell molds and casts
-102.9	101.8		0:31							
		5.0	0:15 0:25 0:28	(3.5) 70%	(2.0) 40%	RUN-16				101.8ft: hard to medium hard

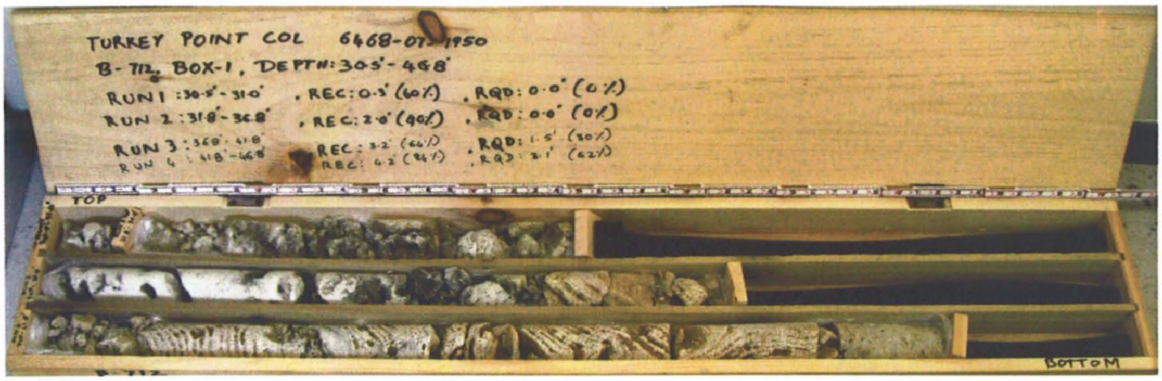
TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 7/10/08

MACTEC

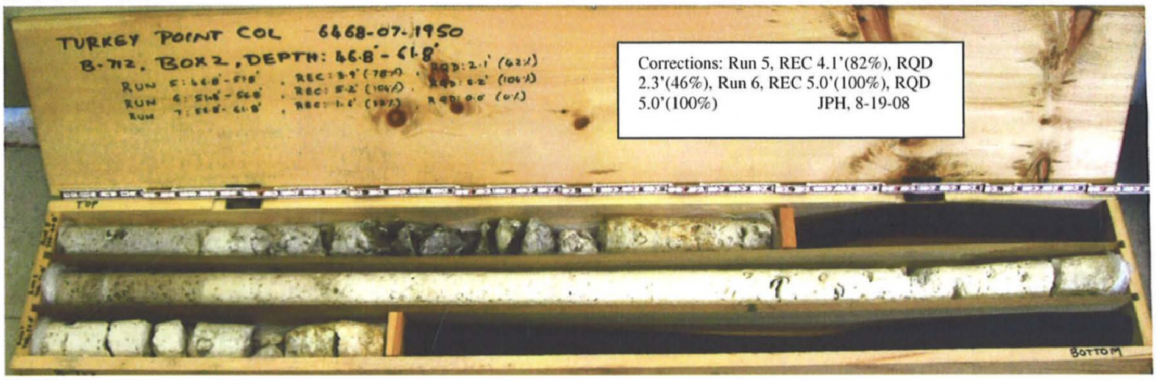
BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: G. Pillappa
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-55 LC (RAL)	DRILLER: R. Banks/ J. Rosser	GROUND WATER (ft)
BORING NO.: B-712	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 397,082 US ft (NAD83/90)	EASTING: 876,022 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 128.3 ft	CASING DEPTH: 4" to 28.1', 3" to 122.0'		HAMMER (ID): 140 lb. Auto (MEC-02)
DATE STARTED: 3/19/08	COMPLETED: 3/21/08	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) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC. (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										Continued from previous page
-107.9	106.8		0:26 0:24							LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) *(continued)* 106.8ft: hard
		5.0	0:26 0:17 0:24 0:30	(4.1) 82%	(3.1) 62%	RUN-17				
-112.9	111.8		0:29							
		5.0	0:38 0:21 0:35 0:26	(1.4) 28%	(0.0) 0%	RUN-18				
-116.1	115.0									
-117.9	116.8		0:21				(0.8) 12%	(NA)		Silty SAND (SM), and interbedded LIMESTONE, boundstone, white (5Y8/1), hard indurated, fossiliferous, trace fine sand, strong HCl reaction (Tamiami Formation)
		5.0	0:21 0:18 0:22 0:11	(0.8) 16%	(0.0) 0%	RUN-19				
-122.9	121.8		0:30							
										Coring Terminated at Elevation -122.9

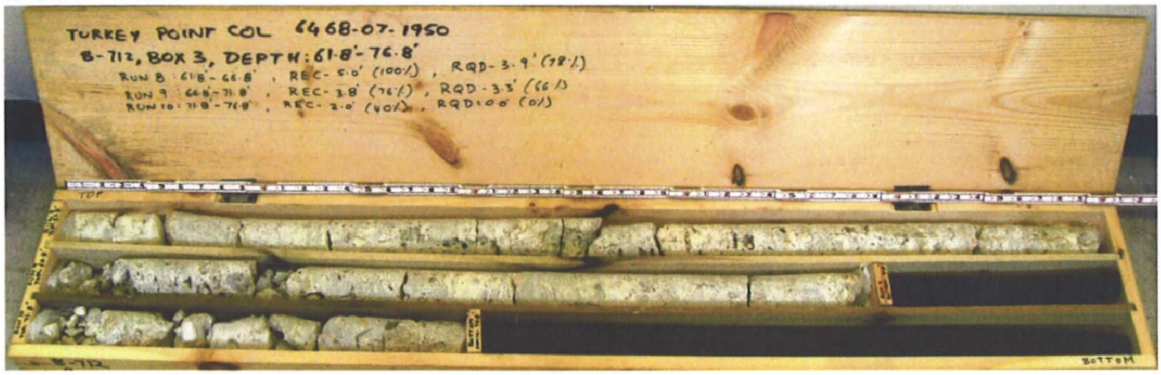
TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 7/10/08



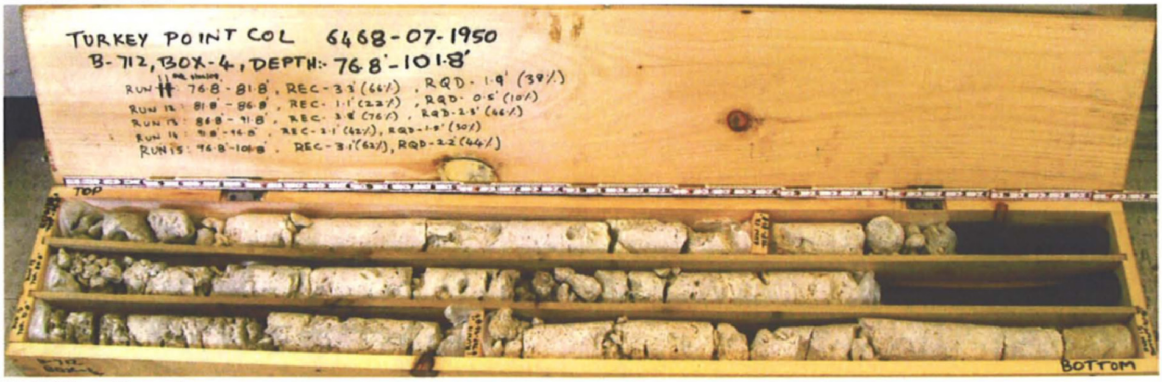
B-712 – Box 1



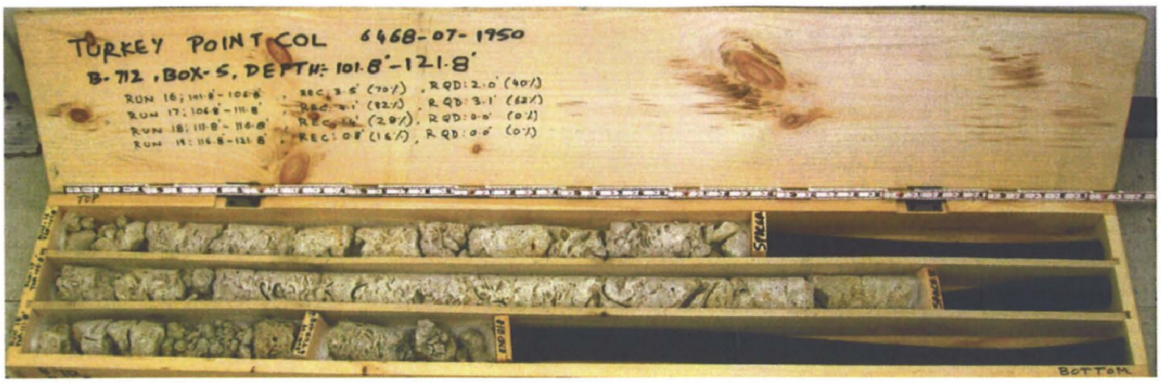
B-712 – Box 2



B-712 – Box 3



B-712 – Box 4


TURKEY POINT COL 6468-07-1950
B-712, BOX-5, DEPTH: 101.8'-121.8'
RUN 16; 101.8'-106.8' REC: 3.5' (70%) RQD: 2.0' (40%)
RUN 17; 106.8'-111.8' REC: 3.1' (62%) RQD: 3.1' (62%)
RUN 18; 111.8'-116.8' REC: 1.0' (20%) RQD: 0.0' (0%)
RUN 19; 116.8'-121.8' REC: 0.8' (16%) RQD: 0.0' (0%)
TOP
BOTTOM

B-712 – Box 5

MACTEC

GEOTECHNICAL BORING LOG

Prepared By [illegible] Date 5-30-08

Checked By [illegible] Date 5/30/08

SHEET 1 OF 3

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: O. Rodriguez/G. Pillappa
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (ATL)	DRILLER: L. Carter/ J. Landeros	GROUND WATER (ft)
BORING NO.: B-713	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 397,179 US ft (NAD83/90)	EASTING: 875,959 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 152.5 ft	BORING DIAMETER: 4" to 31.0', 3" to 152.5'	CASING DEPTH: 4" to 31.0', 3" to 118.4'	HAMMER (ID):140 lb. Auto (MEC-03)
DATE STARTED: 4/15/08	COMPLETED: 4/19/08	CORE SIZE: HQ3	BITS USED: 2 15/16" Roller Cone

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
-1.1					Ground Surface				
-1.1	0.0	WOH	WOH	WOH	WOH 0	713-1			-1.1 0.0 MUCK. dark grayish brown (10YR4/2), to pale brown (10YR6/3), very soft, wet, mostly organic
-4.1	3.0	31	37	30	67 SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA	713-2			-3.6 2.5 LIMESTONE, boundstone, pale yellow (2.5Y8/2), hard, wet, trace to few fine to coarse sand, strong HCl reaction, oolitic (Miami Formation)
-6.1	5.0	7	8	7	15	713-3			5.0ft: very soft
-8.6	7.5	9	20	11	31	713-4			7.5ft: white (10YR8/1), to light gray (10YR7/2), medium hard
-11.1	10.0	5	15	11	26	713-5			10.0ft: white (10YR8/1), soft
-13.6	12.5	11	7	15	22	713-6			12.5ft: white (10YR8/1), to light gray (10YR7/1)
-16.1	15.0	7	20	50/0.4	70/0.9	713-7			15.0ft: white (10YR8/1), hard
-20.6	19.5	4	5	5	10	713-8			19.5ft: very soft
-25.8	24.7	3	2	WOH	2	713-9			-25.1 24.0 LIMESTONE, boundstone, light gray (10YR7/2), very soft, moist, strong HCl reaction (Upper Fort Thompson Formation)
-30.7	29.6								24.0ft: loss of circulation
-32.2	31.1	10	44	50/0.5	94/1.0	713-10			29.6ft: white (10YR8/1), hard
-34.3	33.2					RUN-1			31.1ft: Switch sampling method to coring
-39.3	38.2					RUN-2			31.1ft: hard, indurated, coralline, trace vugs, fossiliferous
-44.3	43.2					RUN-3			38.2ft: white (10YR8/1), to pale yellow (5Y8/3), few vugs
-49.3	48.2					RUN-4			43.2ft: white (10YR8/1) and pale brown (10YR8/2), to 46.4ft then gray (10YR6/2)
-54.3	53.2					RUN-5			-49.6 48.5 48.2ft: gray (10YR6/2) to 48.5ft LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, few vugs, strong HCl reaction (Lower Fort Thompson Formation)
-59.3	58.2					RUN-6			53.2ft: hard to moderately hard, indurated to moderately indurated
-64.3	63.2					RUN-7			58.2ft: hard, indurated
-69.3	68.2					RUN-8			63.2ft: medium hard to hard, friable to indurated
-74.3	73.2					RUN-9			68.2ft: hard, indurated, no vugs, trace shell molds and casts
						RUN-10			

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

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: O. Rodriguez/G. Pillappa
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (ATL)	DRILLER: L. Carter/ J. Landeros	GROUND WATER (ft)
BORING NO.: B-713	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 397,179 US ft (NAD83/90)	EASTING: 875,959 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 152.5 ft	BORING DIAMETER: 4" to 31.0', 3" to 152.5'	CASING DEPTH: 4" to 31.0', 3" to 118.4'	HAMMER (ID):140 lb. Auto (MEC-03)
DATE STARTED: 4/15/08	COMPLETED: 4/19/08	CORE SIZE: HQ3	BITS USED: 2 15/16" Roller Cone

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
-75.9					Continued from previous page				
-79.3	78.2					RUN-11			LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, few vugs, strong HCl reaction (Lower Fort Thompson Formation) *(continued)* 78.2ft: soft to hard, friable to indurated, trace fine sand, few shell molds and casts
-84.3	83.2					RUN-12			83.2ft: hard, indurated
-89.3	88.2					RUN-13			88.2ft: hard to moderately hard, indurated to moderately indurated, trace vugs
-94.3	93.2					RUN-14			93.2ft: hard, moderately indurated
-99.3	98.2					RUN-15			98.2ft: indurated
-104.3	103.2					RUN-16			103.2ft: little to some shell molds and casts
-109.3	108.2					RUN-17			108.2ft: hard to moderately hard, moderately indurated, little vugs
-114.3	113.2					RUN-18			
-115.1	114.0								113.2ft: moderately hard, moderately indurated to friable
-119.6	118.5	10	8	7	15	713-11			POORLY GRADED SAND (SP), pale yellow (5Y8/2), medium dense, wet, strong HCl reaction, trace cemented sand (Tamiami Formation)
-130.6	129.5	6	3	4	7	713-12			129.5ft: Silty SAND (SM), pale yellow (5Y8/3), loose, wet, strong HCl reaction, trace cemented sand fragments
-140.6	139.5	8	7	8	15	713-13			139.5ft: greenish gray (10Y6/1), medium dense
-150.6	149.5								

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

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: O. Rodriguez/G. Pillappa
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (ATL)	DRILLER: L. Carter/ J. Landeros	GROUND WATER (ft)
BORING NO.: B-713	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 397,179 US ft (NAD83/90)	EASTING: 875,959 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 152.5 ft	BORING DIAMETER: 4" to 31.0', 3" to 152.5'	CASING DEPTH: 4" to 31.0', 3" to 118.4'	HAMMER (ID):140 lb. Auto (MEC-03)
DATE STARTED: 4/15/08	COMPLETED: 4/19/08	CORE SIZE: HQ3	BITS USED: 2 15/16" Roller Cone

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
-150.7					Continued from previous page				
-152.1	151.0	12	20	20	40	713-14			149.5ft: light olive gray (5Y6/2), dense
		10	9	10	19	713-15			151.0ft: greenish gray (10Y6/1), medium dense
									-153.6 152.5 Boring Terminated at Elevation -153.6 ft

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

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: O. Rodriguez/G. Pillappa	
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (ATL)	DRILLER: L. Carter/ J. Landeros	GROUND WATER (ft)	
BORING NO.: B-713	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR.	NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 397,179 US ft (NAD83/90)	EASTING: 875,959 US ft (NAD83/90)	24 HR.	NA
TOTAL DEPTH: 152.5 ft	CASING DEPTH: 4" to 31.0', 3" to 118.4'		HAMMER (ID): 140 lb. Auto (MEC-03)	
DATE STARTED: 4/15/08	COMPLETED: 4/19/08	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) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC. (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										Begin Coring @ 31.1 ft
-32.2	31.1	2.1	0:54 0:45	(2.1) 100%	(2.1) 100%	RUN-1	(17.0) 98%	(15.5) 89%		LIMESTONE, boundstone, light gray (10YR7/2), very soft, moist, strong HCl reaction (Upper Fort Thompson Formation)
-34.3	33.2	5.0	0:11/0.1 0:46 0:59 1:13 1:03	(5.0) 100%	(5.0) 100%	RUN-2				24.0ft: loss of circulation *(continued)* 31.1ft: hard, indurated, coralline, trace vugs, fossiliferous
-39.3	38.2	5.0	0:54 0:56 1:59 2:27 2:36	(4.8) 96%	(4.2) 84%	RUN-3				38.2ft: white (10YR8/1), to pale yellow (5Y8/3), few vugs
-44.3	43.2	5.0	1:59 1:22 2:44 2:57 2:30	(4.8) 96%	(4.2) 84%	RUN-4				43.2ft: white (10YR8/1) and pale brown (10YR8/2), to 46.4ft then gray (10YR6/2)
-49.3	48.2	5.0	1:35 1:11 2:08 2:31 1:50	(4.7) 94%	(4.0) 80%	RUN-5	(48.0) 73%	(24.0) 37%	-49.6	48.2ft: gray (10YR6/2) to 48.5ft 48.5 LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, few vugs, strong HCl reaction (Lower Fort Thompson Formation)
-54.3	53.2	5.0	2:02 1:06 1:03 0:42 1:01	(4.5) 90%	(3.0) 60%	RUN-6				53.2ft: hard to moderately hard, indurated to moderately indurated
-59.3	58.2	5.0	0:33 0:41 1:59 1:00 0:50	(4.7) 94%	(2.3) 46%	RUN-7				58.2ft: hard, indurated
-64.3	63.2	5.0	1:00 0:45 2:23 1:36 2:57	(4.3) 86%	(2.0) 40%	RUN-8				63.2ft: medium hard to hard, friable to indurated
-69.3	68.2	5.0	1:07 2:51 1:08 1:28 1:30	(2.1) 42%	(0.7) 14%	RUN-9				68.2ft: hard, indurated, no vugs, trace shell molds and casts
-74.3	73.2	5.0	3:35 0:30 1:34 0:53 3:02	(2.6) 52%	(0.0) 0%	RUN-10				
-79.3	78.2	5.0	1:49 1:04 0:51 1:04 1:39	(3.6) 72%	(1.0) 20%	RUN-11				78.2ft: soft to hard, friable to indurated, trace fine sand, few shell molds and casts
-84.3	83.2	5.0	2:15 1:29 0:16 0:53 2:02	(4.0) 80%	(1.7) 34%	RUN-12				83.2ft: hard, indurated
-89.3	88.2	5.0	4:19 1:43 0:57 0:59 0:24	(3.4) 68%	(2.5) 50%	RUN-13				88.2ft: hard to moderately hard, indurated to moderately indurated, trace vugs
-94.3	93.2	5.0	0:24 0:56 0:16 0:27 0:22	(3.0) 60%	(1.2) 24%	RUN-14				93.2ft: hard, moderately indurated
-99.3	98.2	5.0	0:39 0:16 0:29 1:10 1:27	(3.6) 72%	(1.8) 36%	RUN-15				98.2ft: indurated
-104.3	103.2	5.0	1:12 1:55 1:16	(5.0) 100%	(3.3) 66%	RUN-16				103.2ft: little to some shell molds and casts

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

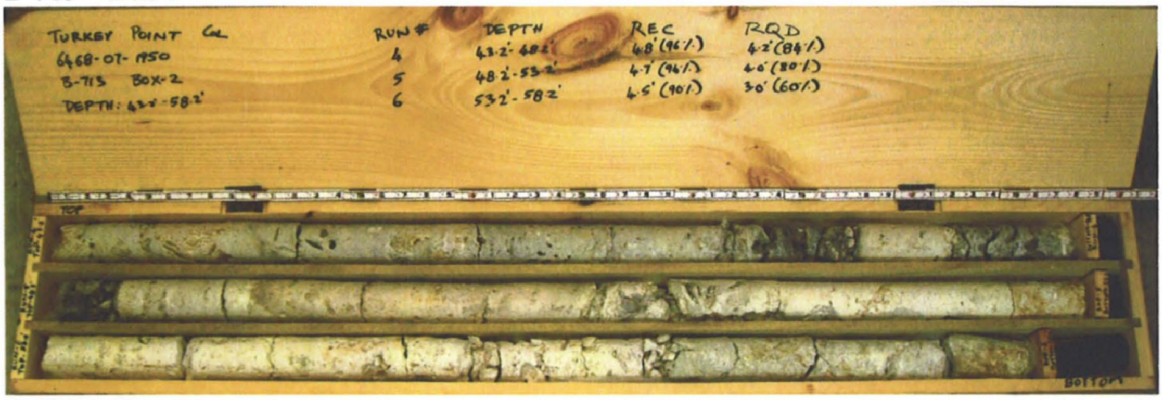
MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: O. Rodriguez/G. Pillappa
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (ATL)	DRILLER: L. Carter/ J. Landeros	GROUND WATER (ft)
BORING NO.: B-713	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 397,179 US ft (NAD83/90)	EASTING: 875,959 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 152.5 ft	CASING DEPTH: 4" to 31.0', 3" to 118.4'		HAMMER (ID): 140 lb. Auto (MEC-03)
DATE STARTED: 4/15/08	COMPLETED: 4/19/08	CORE SIZE: HQ3	CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)

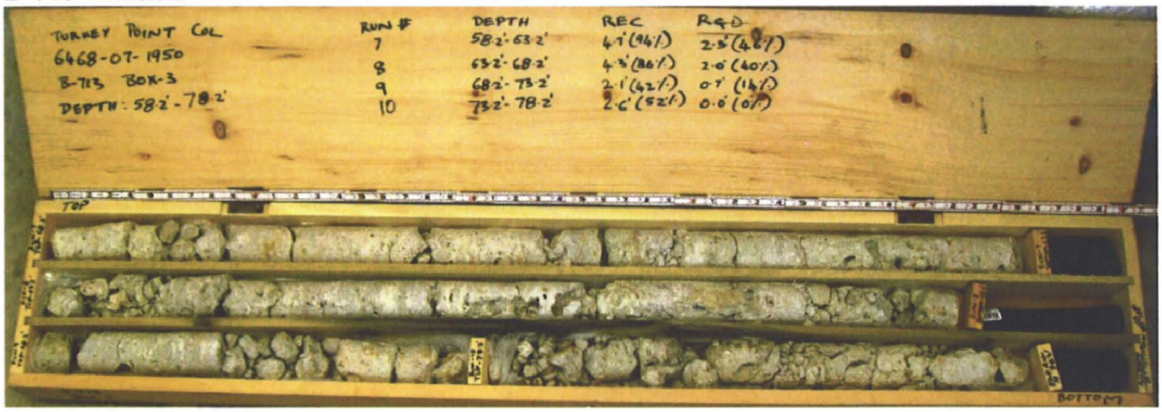
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN REC. (ft) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC. (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										Continued from previous page
-109.3	108.2		0:54 1:15 1:08							LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, few vugs, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
		5.0	0:21 0:57 1:16 1:51 0:34	(2.1) 42%	(0.5) 10%	RUN-17				108.2ft: hard to moderately hard, moderately indurated, little vugs
-114.3	113.2									
-115.1		5.0	0:07 0:06 0:11 1:16	(0.7) 14%	(0.0) 0%	RUN-18	(0.0) 0%	(NA)		113.2ft: moderately hard, moderately indurated to friable 114.0 POORLY GRADED SAND (SP), pale yellow (5Y8/2), medium dense, wet, strong HCl reaction, trace cemented sand (Tamiami Formation)
-119.3	118.2		0:56							-119.3 118.2 Coring Terminated at Elevation -119.3

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

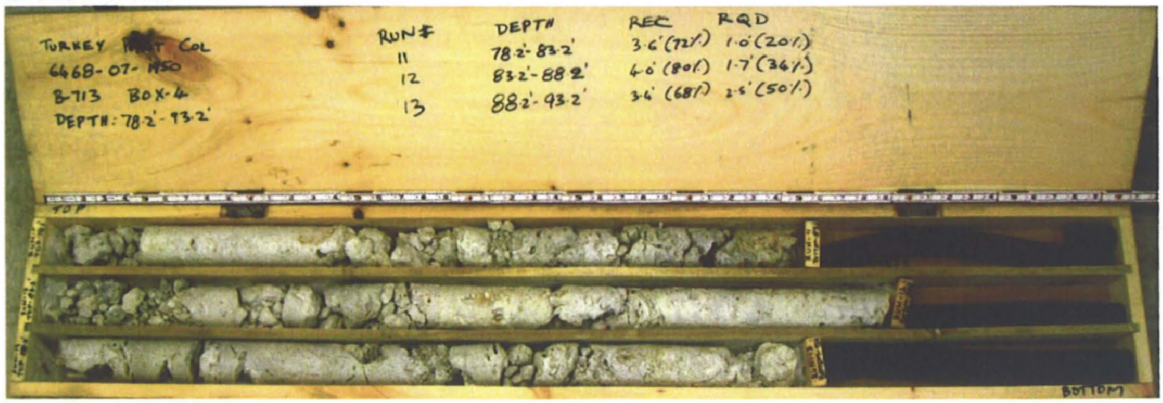
B-713 – Box 1



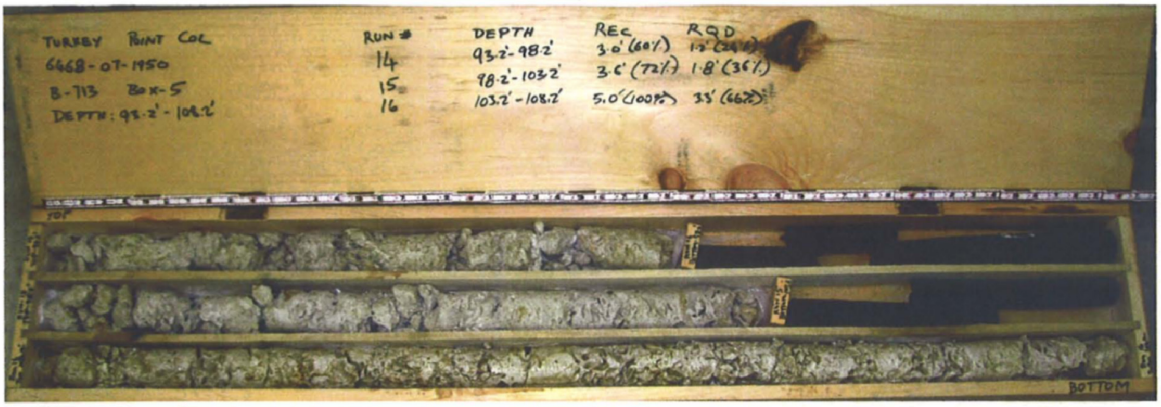
B-713 – Box 2



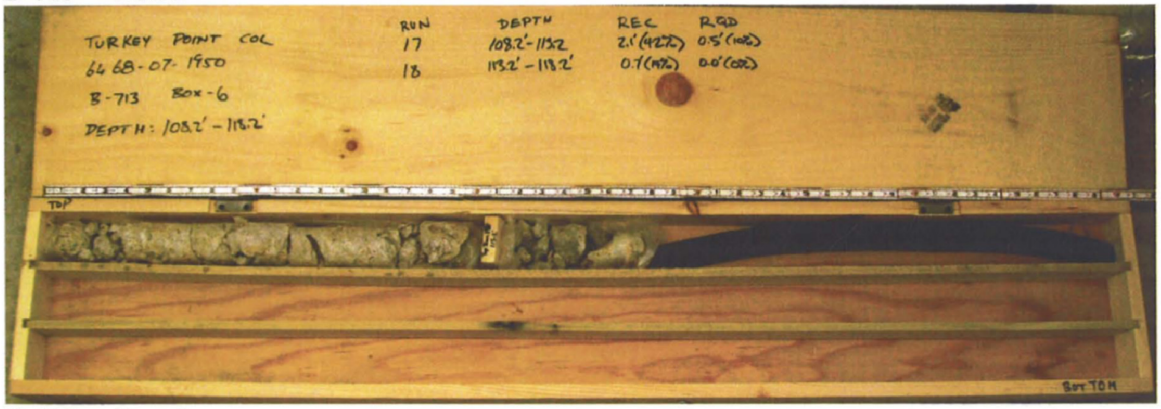
B-713 – Box 3



B-713 – Box 4



B-713 – Box 5



B-713 – Box 6