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: S. Woodham
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550X (ATL)	DRILLER: P. Pitts/ R. Landeros	GROUND WATER (ft)
BORING NO.: B-705	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.3 ft (NAVD88)	NORTHING: 396,919 US ft (NAD83/90)	EASTING: 875,846 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 200.0 ft	BORING DIAMETER: 4" to 35.0', 3" to 200.0'	CASING DEPTH: 4" to 35.0', 3" to 135.0'	HAMMER (ID):140 lb. Auto (MEC-05)
DATE STARTED: 2/22/08	COMPLETED: 2/24/08	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
-1.3					Ground Surface				-1.3 / 0.0
-1.3 / -3.8	0.0 / 2.5	WOH	WOH	WOH	WOH 0	705-1			MUCK, very dark brown (10YR2/2), very soft, wet
-6.6	5.3	3	11	11	22	705-2			-4.2 / 2.9 LIMESTONE, boundstone, white (5Y8/1), soft, moderately indurated, wet, strong HCl reaction (Miami Formation) 5.3ft: very soft
-8.8	7.5	7	9	7	16	705-3			
-11.3	10.0	6	4	8	12	705-4			7.5ft: fossiliferous, oolitic
-13.8	12.5	5	7	12	19	705-5			
-16.3	15.0	7	8	25	33	705-6			12.5ft: medium hard
-19.8	18.5	14	14	22	36	705-7			
-24.8	23.5	4	4	8	12	705-8			18.5ft: very soft
-29.8	28.5	6	10	5	15	705-9			-28.3 / 27.0 LIMESTONE, boundstone, white (5Y8/1), medium hard, moderately indurated, wet, strong HCl reaction, fossiliferous (Upper Fort Thompson Formation)
-34.8	33.5	15	22	17	39	705-10			28.0ft: loss of circulation
-36.3	35.0	9	8	12	20	705-11			33.5ft: very soft
-39.8	38.5					RUN-1			35.0ft: Switch sampling method to coring 35.0ft: white (10YR8/1), hard, indurated, fossiliferous, strong HCl reaction, coralline
-44.8	43.5					RUN-2			38.5ft: recrystallized calcite
-49.8	48.5					RUN-3			43.5ft: white (10YR8/1) to 45.8ft then gray (2.5Y6/1) to 47.3ft, little vugs
-54.8	53.5					RUN-4			-48.6 / 47.3 LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, little vugs, few recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) 48.5ft: few vugs
-59.8	58.5					RUN-5			
-64.8	63.5					RUN-6			58.5ft: extremely indurated
-69.8	68.5					RUN-7			63.5ft: indurated
-74.8	73.5					RUN-8			68.5ft: some vugs
						RUN-9			73.5ft: little vugs

SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA

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: S. Woodham
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550X (ATL)	DRILLER: P. Pitts/ R. Landeros	GROUND WATER (ft)
BORING NO.: B-705	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.3 ft (NAVD88)	NORTHING: 396,919 US ft (NAD83/90)	EASTING: 875,846 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 200.0 ft	BORING DIAMETER: 4" to 35.0', 3" to 200.0'	CASING DEPTH: 4" to 35.0', 3" to 135.0'	HAMMER (ID):140 lb. Auto (MEC-05)
DATE STARTED: 2/22/08	COMPLETED: 2/24/08	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
-76.1					Continued from previous page				
-79.8	78.5					RUN-10			LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, little vugs, few recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) *(continued)* 78.5ft: moderately hard to hard, moderately indurated to indurated, few vugs
-84.8	83.5					RUN-11			83.5ft: hard, indurated
-89.8	88.5					RUN-12			88.5ft: mostly shell molds and casts
-94.8	93.5					RUN-13			
-99.8	98.5					RUN-14			
-104.8	103.5					RUN-15			103.5ft: extremely indurated
-109.8	108.5					RUN-16			108.5ft: indurated
-114.8	113.5					RUN-17			113.5ft: very soft, friable
-116.3									115.0
-119.8	118.5	4	6	8	14	705-12			Silty SAND (SM), greenish gray (10YR6/1), medium dense, wet, fine to coarse grained sand, weak HCl reaction, little fines, trace shell fragments, fine gravel (Tamiami Formation) 118.5ft: Switch sampling method to SPT 118.5ft: no recovery
-124.8	123.5	5	12	8	20	705-13			123.5ft: LIMESTONE, boundstone, pale yellow (2.5Y7/3), very soft, friable, wet, strong HCl reaction, fragmented, sandy
-129.8	128.5	4	4	7	11	705-14			
-134.8	133.5	5	8	11	19	705-15			133.5ft: few cemented sand pockets
-139.8	138.5	4	5	6	11	705-16			138.5ft: greenish gray (5GY6/1), strong HCl reaction, fine to medium grained sand
-144.8	143.5	7	11	11	22	705-17			143.5ft: trace shell fragments
-149.8	148.5	5	8	14	22	705-18			

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: S. Woodham
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550X (ATL)	DRILLER: P. Pitts/ R. Landeros	GROUND WATER (ft)
BORING NO.: B-705	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.3 ft (NAVD88)	NORTHING: 396,919 US ft (NAD83/90)	EASTING: 875,846 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 200.0 ft	BORING DIAMETER: 4" to 35.0', 3" to 200.0'	CASING DEPTH: 4" to 35.0', 3" to 135.0'	HAMMER (ID): 140 lb. Auto (MEC-05)
DATE STARTED: 2/22/08	COMPLETED: 2/24/08	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
-150.9					Continued from previous page				
-154.8	153.5								148.5ft: weak HCl reaction Silty SAND (SM), greenish gray (10YR6/1), medium dense, wet, fine to coarse grained sand, weak HCl reaction, little fines, trace shell fragments, fine gravel (Tamiami Formation) *(continued)*
-159.8	158.5	3	6	9	15	705-19			
-164.8	163.5	3	5	7	12	705-20			
-169.8	168.5	5	6	14	20	705-21			
-174.8	173.5	3	5	10	15	705-22			-174.8 173.5
-179.8	178.5	2	3	4	7	705-23			Sandy SILT (ML), greenish gray (5GY6/1), loose, wet, fine grained sand, strong HCl reaction
-184.8	183.5	2	3	4	7	705-24			
-189.8	188.5	2	5	15	20	705-25			183.5ft: very stiff
-194.8	193.5	2	3	6	9	705-26			188.5ft: stiff, strong HCl reaction
-199.8	198.5	2	3	10	13	705-27			
		3	5	15	20	705-28			-201.3 198.5ft: very stiff 200.0
									Boring Terminated at Elevation -201.3 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: S. Woodham
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550X (ATL)	DRILLER: P. Pitts/ R. Landeros	GROUND WATER (ft)
BORING NO.: B-705	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.3 ft (NAVD88)	NORTHING: 396,919 US ft (NAD83/90)	EASTING: 875,846 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 200.0 ft	CASING DEPTH: 4" to 35.0', 3" to 135.0'		HAMMER (ID): 140 lb. Auto (MEC-05)
DATE STARTED: 2/22/08	COMPLETED: 2/24/08	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 @ 35.0 ft
-36.3	35.0	3.5	1:50 1:27 1:28 0:53/0.5	(1.6) 46%	(0.4) 11%	RUN-1	(10.2) 83%	(7.2) 59%		LIMESTONE, boundstone, white (5Y8/1), medium hard, moderately indurated, wet, strong HCl reaction, fossiliferous (Upper Fort Thompson Formation)
-39.8	38.5	5.0	0:50 0:59 0:45 0:52 0:59	(4.8) 96%	(4.0) 80%	RUN-2				28.0ft: loss of circulation *(continued)* 35.0ft: white (10YR8/1), hard, indurated, fossiliferous, strong HCl reaction, coralline 38.5ft: recrystallized calcite
-44.8	43.5	5.0	1:00 2:05 1:06 0:49 1:02	(5.0) 100%	(2.8) 56%	RUN-3				43.5ft: white (10YR8/1) to 45.8ft then gray (2.5Y6/1) to 47.3ft, little vugs -48.6 47.3
-49.8	48.5	5.0	1:12 1:04 1:17 1:14 0:49	(5.0) 100%	(4.4) 88%	RUN-4	(50.6) 75%	(32.6) 48%		LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, little vugs, few recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) 48.5ft: few vugs
-54.8	53.5	5.0	0:57 0:48 0:58 0:45 0:58	(4.9) 98%	(2.1) 42%	RUN-5				
-59.8	58.5	5.0	0:38 0:44 1:20 1:15 1:06	(5.0) 100%	(5.0) 100%	RUN-6				58.5ft: extremely indurated
-64.8	63.5	5.0	0:44 0:51 0:35 0:47 0:35	(3.1) 62%	(2.0) 40%	RUN-7				63.5ft: indurated
-69.8	68.5	5.0	0:48 0:47 0:32 0:28 0:23	(2.0) 40%	(0.4) 8%	RUN-8				68.5ft: some vugs
-74.8	73.5	5.0	0:48 0:47 0:40 0:58 1:07	(4.2) 84%	(1.8) 36%	RUN-9				73.5ft: little vugs
-79.8	78.5	5.0	0:42 0:32 0:40 0:45 0:48	(4.2) 84%	(2.2) 44%	RUN-10				78.5ft: moderately hard to hard, moderately indurated to indurated, few vugs
-84.8	83.5	5.0	0:25 0:31 0:45 1:21 1:58	(3.8) 76%	(2.4) 48%	RUN-11				83.5ft: hard, indurated
-89.8	88.5	5.0	0:38 0:33 0:40 0:36 0:37	(4.0) 80%	(2.3) 46%	RUN-12				88.5ft: mostly shell molds and casts
-94.8	93.5	5.0	0:25 0:33 1:29 0:27 0:25	(0.8) 16%	(0.0) 0%	RUN-13				
-99.8	98.5	5.0	0:23 0:32 0:31 0:39 0:39	(3.7) 74%	(2.3) 46%	RUN-14				
-104.8	103.5	5.0	0:48 0:41 0:32 0:34 0:30	(5.0) 100%	(5.0) 100%	RUN-15				103.5ft: extremely indurated
-109.8	108.5	5.0	0:31	(3.4)	(2.7)	RUN-16				108.5ft: indurated

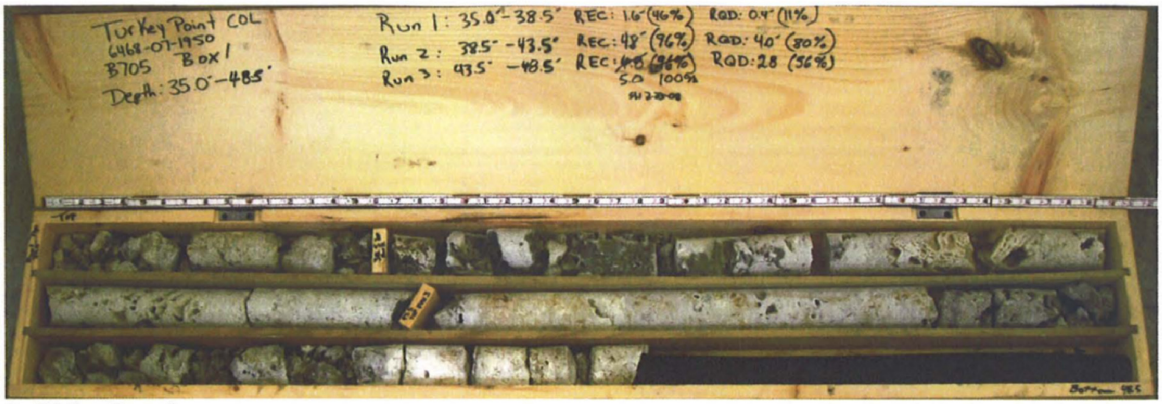
TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 5/30/08

MACTEC

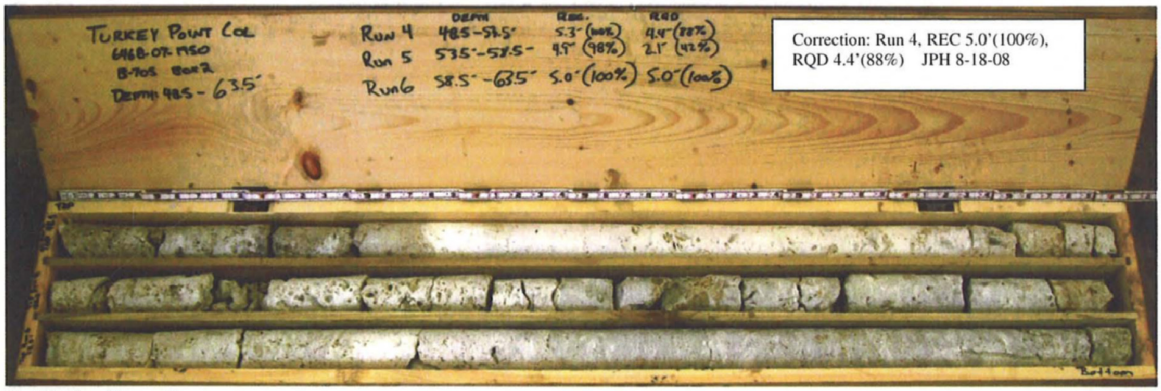
BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: S. Woodham
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550X (ATL)	DRILLER: P. Pitts/ R. Landeros	GROUND WATER (ft)
BORING NO.: B-705	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.3 ft (NAVD88)	NORTHING: 396,919 US ft (NAD83/90)	EASTING: 875,846 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 200.0 ft	CASING DEPTH: 4" to 35.0', 3" to 135.0'		HAMMER (ID): 140 lb. Auto (MEC-05)
DATE STARTED: 2/22/08	COMPLETED: 2/24/08	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
-114.8	113.5		0:26 0:27 0:31 0:25	68%	54%					LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, little vugs, few recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
		5.0	1:18 0:29 0:30 0:35	(0.3) 6%	(0.0) 0%	RUN-17	(0.0) 0%	(NA)		-116.3 113.5ft: very soft, friable 115.0 Silty SAND (SM), greenish gray (10YR6/1), medium dense, wet, fine to coarse grained sand, weak HCl reaction, little fines, trace shell fragments, fine gravel (Tamiami Formation)
-119.8	118.5		0:31							-119.8 118.5
										Coring Terminated at Elevation -119.8

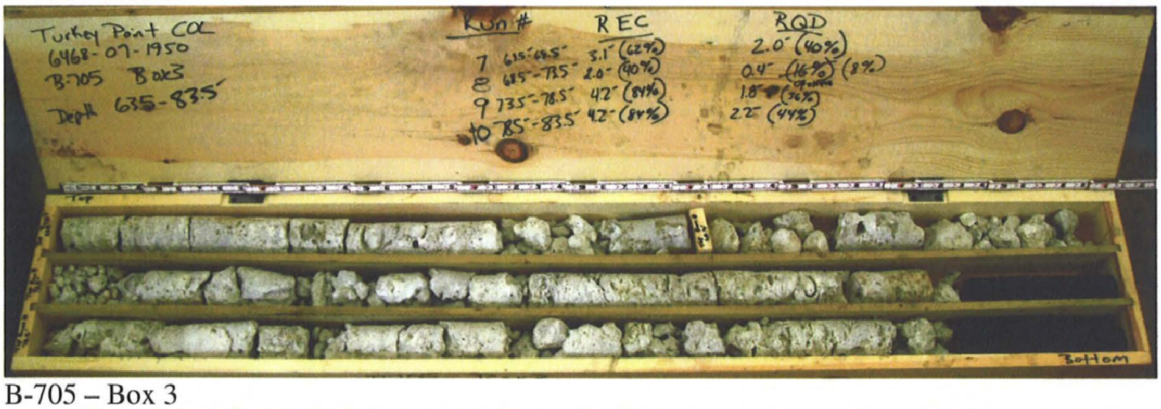
TURKEY POINT COL CORE TURKEY POINT GPJ TURKEY POINT COL.GDT 5.30.08



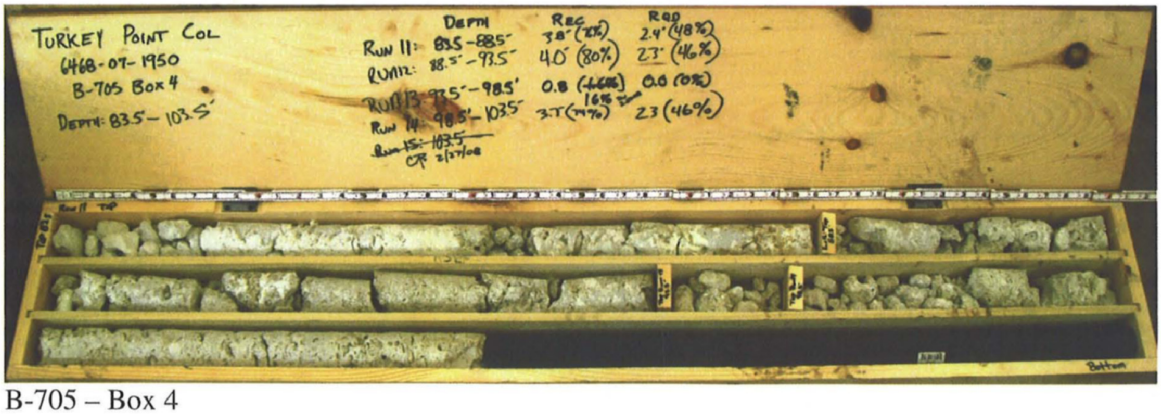
B-705 – Box 1



B-705 – Box 2



B-705 – Box 3



B-705 – Box 4

Turkey Point COL
Depth: 103.5-118.5'
Run 15
Run 16
Run 17
DEPTH
103.5-108.5
108.5-113.5
113.5-118.5
RQD
Correction: Run 16, REC
3.4'(68%) JPH, 8-18-08

B-705 – Box 5

MACTEC

GEOTECHNICAL BORING LOG

Prepared By JPK Date 8-19-08
Checked By SJC Date 8/19/08

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: R. Clark
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-750 (Miller)	DRILLER: G.Bilbrey/P.McKorkle/J.Tucker	GROUND WATER (ft)
BORING NO.: B-706	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.2 ft (NAVD88)	NORTHING: 396,963 US ft (NAD83/90)	EASTING: 875,885 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 151.9 ft	BORING DIAMETER: 3" to 151.9'	CASING DEPTH: 3" to 117.3'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 2/9/08	COMPLETED: 2/13/08	CORE SIZE: HQ3	BITS USED: 2 15/16" Drag Bit & 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
-1.2					Ground Surface				-1.2 / 0.0
-1.2 / -4.3	0.0 / 3.1	WOH	WOH	WOH	WOH 0	706-1			MUCK, brown (10YR5/3), to very pale brown (10YR7/3), very soft, moist, organics, strong HCl reaction
-7.2	6.0	7	6	7	13	706-2			-4.4 / 3.2 Field notes do not indicate sample 706-2 was split into separate jars
-9.2	8.0	5	50	29	79	706-3			LIMESTONE, boundstone, pale yellow (5Y8/2), very soft, moist to wet, strong HCl reaction (Miami Formation)
-11.7	10.5	3	4	4	8	706-4			6.0ft: hard, fossiliferous, oolitic
-14.1	12.9	4	9	48	57	706-5			8.0ft: very soft 10.5ft: hard
-16.9	15.7	8	19	11	30	706-6			12.0ft: some loss of circulation 12.9ft: soft 15.7ft: hard
-17.2	16.0	50/0.3			50/0.3	706-7			16.0ft: Switch sampling method to coring
-22.2	21.0					RUN-1			16.0ft: pale yellow (5Y8/2), hard, indurated, fossiliferous, little vugs, and white (N8/) cemented sands, blocky, strong HCl reaction
-27.2	26.0					RUN-2			24.5 to 25.0ft: soft zone
									-25.7 / 24.5 24.5ft: Switch sampling method to SPT
-32.0	30.8	3	1	6	7	706-8			Silty SAND (SP-SM), pale yellow (5Y8/2), loose, wet, trace shell fragments, angular, gravel-size limestone fragments
									-32.4 / 31.2 24.5ft: total loss of circulation 30.8ft: Switch sampling method to coring
-37.0	35.8					RUN-3			LIMESTONE, boundstone, pale yellow (5Y8/2), moderately hard, indurated, fossiliferous, little vugs, trace sand in vugs, strong HCl reaction, coralline (Upper Fort Thompson Formation)
-42.0	40.8					RUN-4			
-47.0	45.8					RUN-5			
-52.0	50.8					RUN-6			45.8 white (5Y8/1) to 48.0ft, few vugs -49.2 / 48.0
-57.0	55.8					RUN-7			LIMESTONE, boundstone, pale yellow (5Y8/2), moderately hard, indurated, little vugs, porous, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) 50.8ft: white (5Y8/1), few vugs
-62.0	60.8					RUN-8			
-67.0	65.8					RUN-9			
-72.0	70.8					RUN-10			69.7ft: 0.5ft-thick layer of sand
						RUN-11			70.8ft: 0.2ft-thick layer of sand

SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA

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

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: R. Clark
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-750 (Miller)	DRILLER: G.Bilbrey/P.McKorkle/J.Tucker	GROUND WATER (ft)
BORING NO.: B-706	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.2 ft (NAVD88)	NORTHING: 396,963 US ft (NAD83/90)	EASTING: 875,885 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 151.9 ft	BORING DIAMETER: 3" to 151.9'	CASING DEPTH: 3" to 117.3'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 2/9/08	COMPLETED: 2/13/08	CORE SIZE: HQ3	BITS USED: 2 15/16" Drag Bit & 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
-76.0					Continued from previous page				
-77.0	75.8					RUN-12			LIMESTONE, boundstone, pale yellow (5Y8/2), moderately hard, indurated, little vugs, porous, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
-82.0	80.8					RUN-13			80.8ft: little vugs 83.0ft to 84.0ft: soft zone
-87.0	85.8					RUN-14			85.8ft: few vugs 87.0ft to 90.0ft: soft zone
-92.0	90.8					RUN-15			91.0ft to 94.0ft: soft zone
-97.0	95.8					RUN-16			
-102.0	100.8					RUN-17			100.8ft: some vugs 104.0ft to 105.8ft: soft zone
-107.0	105.8					RUN-18			105.8ft: few vugs
-112.0	110.8					RUN-19			
-117.0	115.8	5	17	17	34	706-9			-115.2 / 114.0 115.8ft: Switch sampling method to SPT POORLY GRADED SAND with silt (SP-SM), white (5Y8/1), dense, wet, fine to coarse grained sand, fine angular sandstone and limestone gravel fragments/lenses, weak HCl reaction (Tamiami Formation)
-122.0	120.8	3	4	8	12	706-10			120.8ft: pale yellow (5Y7/3), medium dense
-127.1	125.9	3	4	8	12	706-11			-127.1 / 125.9 Silty SAND (SM), pale yellow (5Y7/3), medium dense, wet, fine to medium grained sand, fine gravel, strong HCl reaction
-131.6	130.4	3	4	5	9	706-12			130.4ft: light gray (5Y7/2), loose, trace shell fragments
-136.6	135.4	4	3	4	7	706-13			135.4ft: strong to weak HCl reaction, fine to coarse grained sand
-141.6	140.4	7	8	10	18	706-14			140.4ft: light olive gray (5Y6/2), medium dense, strong HCl reaction
-146.6	145.4	5	8	16	24	706-15			-146.6 / 145.4 Silty GRAVEL with sand (GM), light olive gray (5Y6/2), medium dense, wet, fine to coarse gravel sized cemented sand fragments, fine to coarse grained sand, strong HCl reaction

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

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: R. Clark
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-750 (Miller)	DRILLER: G.Bilbrey/P.McKorkle/J.Tucker	GROUND WATER (ft)
BORING NO.: B-706	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.2 ft (NAVD88)	NORTHING: 396,963 US ft (NAD83/90)	EASTING: 875,885 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 151.9 ft	BORING DIAMETER: 3" to 151.9'	CASING DEPTH: 3" to 117.3'	HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 2/9/08	COMPLETED: 2/13/08	CORE SIZE: HQ3	BITS USED: 2 15/16" Drag Bit & 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
-150.8					Continued from previous page				
-151.6	150.4	4	6	9	15	706-16			-153.1 151.9
									Boring Terminated at Elevation -153.1 ft

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

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: R. Clark
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-750 (Miller)	DRILLER: G.Bilbrey/P.McKorkle/J.Tucker	GROUND WATER (ft)
BORING NO.: B-706	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.2 ft (NAVD88)	NORTHING: 396,963 US ft (NAD83/90)	EASTING: 875,885 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 151.9 ft	CASING DEPTH: 3" to 117.3'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 2/9/08	COMPLETED: 2/13/08	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 @ 16.0 ft
-17.2	16.0	5.0	2:20 3:18 0:58 0:53 0:52	(2.8) 56%	(0.9) 18%	RUN-1	(3.7) 44%	(0.9) 11%		LIMESTONE, boundstone, pale yellow (5Y8/2), very soft, moist to wet, strong HCl reaction (Miami Formation) *(continued)* 16.0ft: pale yellow (5Y8/2), hard, indurated, fossiliferous, little vugs, and white (N8/) cemented sands, blocky, strong HCl reaction
-22.2	21.0									
		5.0	1:01 1:42 1:23 1:01 0:23	(0.9) 18%	(0.0) 0%	RUN-2				24.5 to 25.0ft: soft zone
-27.2	26.0									-25.7 — 24.5
			N=7			*706-8*	(0.4) 21%	(NA)		24.5ft: Switch sampling method to SPT Silty SAND (SP-SM), pale yellow (5Y8/2), loose, wet, trace shell fragments, angular, gravel-size limestone fragments 24.5ft: total loss of circulation
										-32.4 — 30.8ft: Switch sampling method to coring — 31.2
-32.0	30.8	5.0	0:56 0:56 1:24 2:12 1:12	(2.5) 50%	(0.9) 18%	RUN-3	(13.9) 86%	(10.4) 65%		LIMESTONE, boundstone, pale yellow (5Y8/2), moderately hard, indurated, fossiliferous, little vugs, trace sand in vugs, strong HCl reaction, coralline (Upper Fort Thompson Formation)
-37.0	35.8									
		5.0	2:06 1:45 1:00 3:25 4:23	(4.6) 92%	(3.9) 78%	RUN-4				
-42.0	40.8									
		5.0	2:44 2:37 1:09 2:19 4:30	(5.0) 100%	(4.1) 82%	RUN-5				
-47.0	45.8									
		5.0	2:49 1:41 2:45 6:16 6:22	(4.3) 86%	(3.5) 70%	RUN-6				45.8 white (5Y8/1) to 48.0ft, few vugs
										-49.2 — 48.0
-52.0	50.8						(51.1) 77%	(43.3) 66%		LIMESTONE, boundstone, pale yellow (5Y8/2), moderately hard, indurated, little vugs, porous, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) 50.8ft: white (5Y8/1), few vugs
		5.0	3:18 2:22 3:45 0:50 0:45	(3.6) 72%	(3.3) 66%	RUN-7				
-57.0	55.8									
		5.0	1:05 5:40 1:32 1:30 1:20	(4.8) 96%	(4.1) 82%	RUN-8				
-62.0	60.8									
		5.0	1:11 1:12 0:38 1:09 1:47	(4.6) 92%	(4.6) 92%	RUN-9				
-67.0	65.8									
		5.0	1:20 0:54 1:09 0:53 1:16	(4.1) 82%	(3.5) 70%	RUN-10				69.7ft: 0.5ft-thick layer of sand
-72.0	70.8									
		5.0	2:10 2:00 2:04 2:00 2:24	(5.0) 100%	(4.8) 96%	RUN-11				70.8ft: 0.2ft-thick layer of sand
-77.0	75.8									
		5.0	1:44 2:13 1:25 1:47 2:17	(5.0) 100%	(5.0) 100%	RUN-12				
-82.0	80.8									
		5.0	0:45 0:57 0:58 1:02 0:28	(3.7) 74%	(3.0) 60%	RUN-13				80.8ft: little vugs 83.0ft to 84.0ft: soft zone
-87.0	85.8									
		5.0	1:51 0:45 1:00 1:04 0:50	(2.8) 56%	(1.8) 36%	RUN-14				85.8ft: few vugs 87.0ft to 90.0ft: soft zone
-92.0	90.8									

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

MACTEC

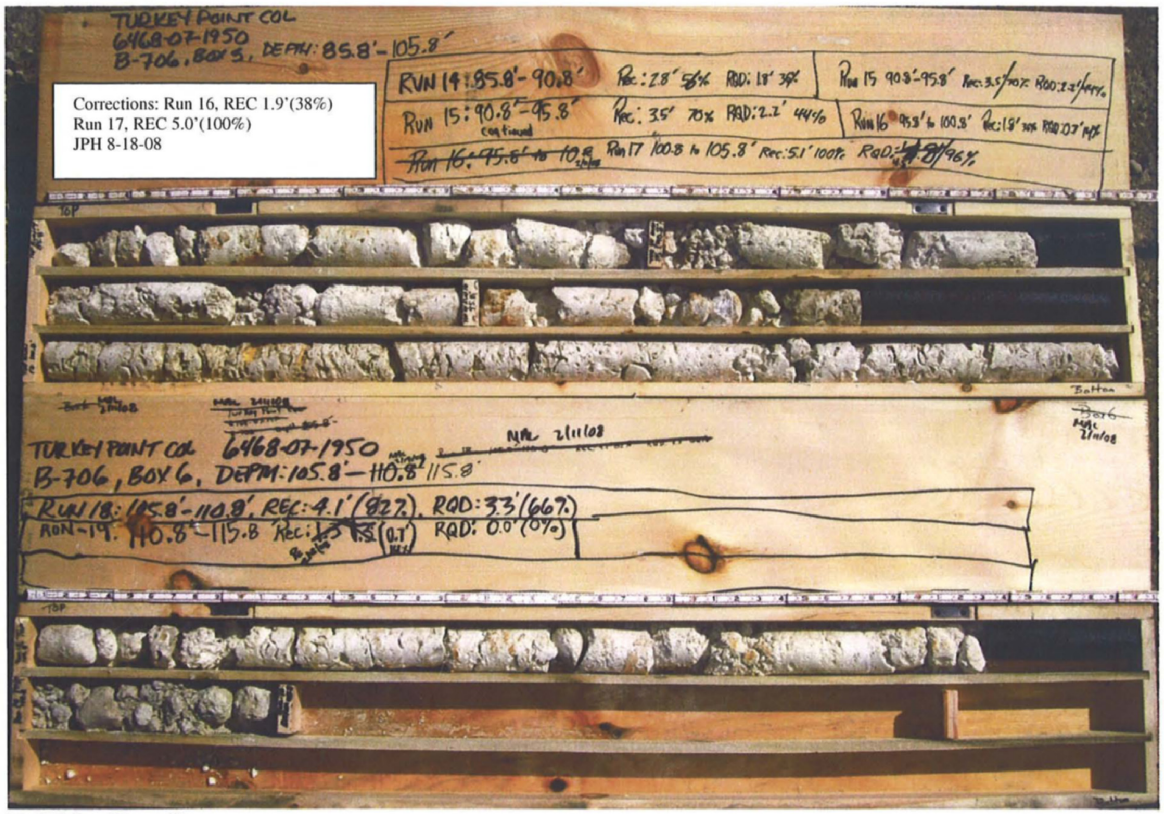
BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: R. Clark
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-750 (Miller)	DRILLER: G.Bilbrey/P.McKorkle/J.Tucker	GROUND WATER (ft)
BORING NO.: B-706	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.2 ft (NAVD88)	NORTHING: 396,963 US ft (NAD83/90)	EASTING: 875,885 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 151.9 ft	CASING DEPTH: 3" to 117.3'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 2/9/08	COMPLETED: 2/13/08	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
		5.0	0:25 0:15 0:58 0:59 0:41	(3.5) 70%	(2.2) 44%	RUN-15				91.0ft to 94.0ft: soft zone LIMESTONE, boundstone, pale yellow (5Y8/2), moderately hard, indurated, little vugs, porous, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
-97.0	95.8									
		5.0	1.20 0:45 0:39 0:45 0:51	(1.9) 38%	(0.7) 14%	RUN-16				
-102.0	100.8									
		5.0	0:45 0:48 0:38 0:46 0:45	(5.0) 100%	(4.8) 96%	RUN-17				100.8ft: some vugs 104.0ft to 105.8ft: soft zone
-107.0	105.8									
		5.0	0:46 0:52 0:38 0:42 0:41	(4.1) 82%	(3.3) 66%	RUN-18				105.8ft: few vugs
-112.0	110.8									
		5.0	1:43 0:37 0:35 0:29 0:19	(0.7) 14%	(0.0) 0%	RUN-19				-115.2 114.0
-117.0	115.8						(0.0) 0%	(NA)		115.8ft: Switch sampling method to SPT -117.0 POORLY GRADED SAND with silt (SP-SM), white (5Y8/1), dense, wet, fine to coarse grained sand, fine angular sandstone and limestone gravel fragments/lenses, weak HCl reaction (Tamiami Formation) 115.8 Coring Terminated at Elevation -117.0

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

B-706 – Box 1
B-706 – Box 2

B-706 – Box 3
B-706 – Box 4



B-706 – Box 5
B-706 – Box 6

MACTEC

GEOTECHNICAL BORING LOG

Prepared By [illegible] Date 5-30-08
Checked By [illegible] Date 5-30-08

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: H. Lyatuu
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (Miller)	DRILLER: R. White/ J. Dugger	GROUND WATER (ft)
BORING NO.: B-707	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.8 ft (NAVD88)	NORTHING: 396,829 US ft (NAD83/90)	EASTING: 875,791 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 152.0 ft	BORING DIAMETER: 4" to 24.9', 3" to 152.0'	CASING DEPTH: 4" to 24.9', 3" to 110.0'	HAMMER (ID):140 lb. Auto (M06)
DATE STARTED: 2/13/08	COMPLETED: 2/21/08	CORE SIZE: HQ3	BITS USED: 2 15/16" & 3 7/8 Roller Cones

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
-1.8					Ground Surface				-1.8 / 0.0
-1.8 / -4.3	0.0 / 2.5	WOH	WOH	WOH	0 WOH	707-1			-3.8 / 2.0 MUCK, light brownish gray (10YR6/3), to very dark gray (10YR3/1), very soft, wet, mostly organic, strong HCl reaction
-6.8	5.0	WOH	2	2	4	707-2			LIMESTONE, boundstone, white (10YR8/1), very soft, wet, trace organics at top of formation, strong HCl reaction (Miami Formation)
-9.3	7.5	2	7	8	15 (SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA)	707-3			
-11.8	10.0	5	22	7	29	707-4			5.0ft: fossiliferous, oolitic 7.5ft: white, (5Y8/1), soft
-14.3	12.5	2	5	10	15	707-5			10.0ft: white (7.5YR8/1), very soft
-16.8	15.0	1	3	7	10	707-6			12.5ft: white (10YR8/1)
-21.8	20.0	2	5	13	18	707-7			
-26.8	25.0	3	19	33	52	707-8			20.0ft: white (2.5Y8/1), moderately hard 23.5ft: Switch sampling method to coring 25.0ft: hard
-27.1	25.3	50/0.3			50/0.3	707-9			-25.8 / 24.0 LIMESTONE, boundstone, white (5Y8/1), moderately hard, indurated, fossiliferous, little vugs (Upper Fort Thompson Formation)
-30.6	28.8					RUN-1			
-35.6	33.8					RUN-2			28.8ft: white (10YR8/1), hard 28.8ft: loss of circulation
-40.6	38.8					RUN-3			33.8ft: pale yellow (5Y8/2), few vugs, coralline
-45.6	43.8					RUN-4			38.8ft: white (10YR8/1)
-50.6	48.8					RUN-5			43.8ft: white (10YR8/1), to light gray (10YR7/1) -50.6 / 48.8
-55.6	53.8					RUN-6			LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, few vugs (Lower Fort Thompson Formation)
-60.6	58.8					RUN-7			
-65.6	63.8					RUN-8			
-70.6	68.8					RUN-9			
-75.6	73.8					RUN-10			
						RUN-11			

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: H. Lyatuu
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (Miller)	DRILLER: R. White/ J. Dugger	GROUND WATER (ft)
BORING NO.: B-707	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.8 ft (NAVD88)	NORTHING: 396,829 US ft (NAD83/90)	EASTING: 875,791 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 152.0 ft	BORING DIAMETER: 4" to 24.9', 3" to 152.0'	CASING DEPTH: 4" to 24.9', 3" to 110.0'	HAMMER (ID):140 lb. Auto (M06)
DATE STARTED: 2/13/08	COMPLETED: 2/21/08	CORE SIZE: HQ3	BITS USED: 2 15/16" & 3 7/8 Roller Cones

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
-76.6					Continued from previous page				
									LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, few vugs (Lower Fort Thompson Formation) *(continued)*
-80.6	78.8								
						RUN-12			
-85.6	83.8								
						RUN-13			
-90.6	88.8								
						RUN-14			
-95.6	93.8								
						RUN-15			
-100.6	98.8								
						RUN-16			
-104.6	102.8								
-105.6	103.8					RUN-17			102.8ft: No recovery-LIMESTONE and interbedded sand
						RUN-18			103.8ft: No recovery-LIMESTONE and interbedded sand
-110.6	108.8								
-112.1	110.3	7	7	7	14	707-10			108.8ft: Switch sampling method to SPT very soft, wet
		4	50/0.2		54/0.7	707-11			110.3ft: hard
									-115.3 — 113.5
-117.1	115.3								Silty SAND (SM), white (10R8/1), medium dense, wet, fine to coarse grained sand, fine gravel, weak HCl reaction (Tamiami Formation)
		10	11	12	23	707-12			
-122.1	120.3								120.3ft: light brownish gray (10YR6/2)
		3	6	8	14	707-13			
-127.1	125.3								125.3ft: loose
		3	3	6	9	707-14			
-132.3	130.5								
		2	3	7	10	707-15			
-137.3	135.5								
		5	4	5	9	707-16			
-142.3	140.5								
		5	7	8	15	707-17			140.5ft: gray (2.5Y6/1 and 10YR6/1), medium dense, strong HCl reaction
-147.3	145.5								
		5	4	8	12	707-18			145.5ft: weak HCl reaction

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: H. Lyatuu
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (Miller)	DRILLER: R. White/ J. Dugger	GROUND WATER (ft)
BORING NO.: B-707	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.8 ft (NAVD88)	NORTHING: 396,829 US ft (NAD83/90)	EASTING: 875,791 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 152.0 ft	BORING DIAMETER: 4" to 24.9', 3" to 152.0'	CASING DEPTH: 4" to 24.9', 3" to 110.0'	HAMMER (ID):140 lb. Auto (M06)
DATE STARTED: 2/13/08	COMPLETED: 2/21/08	CORE SIZE: HQ3	BITS USED: 2 15/16" & 3 7/8 Roller Cones

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
-151.4					Continued from previous page				
-152.3	150.5	5	7	10	17	707-19			-153.8 150.5ft: strong HCl reaction 152.0
									Boring Terminated at Elevation -153.8 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: H. Lyatuu
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (Miller)	DRILLER: R. White/ J. Dugger	GROUND WATER (ft)
BORING NO.: B-707	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.8 ft (NAVD88)	NORTHING: 396,829 US ft (NAD83/90)	EASTING: 875,791 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 152.0 ft	CASING DEPTH: 4" to 24.9', 3" to 110.0'		HAMMER (ID): 140 lb. Auto (M06)
DATE STARTED: 2/13/08	COMPLETED: 2/21/08	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 @ 25.3 ft
-27.1	25.3	3.5	4:26 1:18 1:34 0:42/0.5	(3.5) 100%	(2.9) 83%	RUN-1	(22.1) 94%	(18.3) 78%		LIMESTONE, boundstone, white (5Y8/1), moderately hard, indurated, fossiliferous, little vugs (Upper Fort Thompson Formation) *(continued)*
-30.6	28.8	5.0	1:29 1:44 2:31 3:23 4:28	(4.6) 92%	(2.8) 56%	RUN-2				28.8ft: white (10YR8/1), hard 28.8ft: loss of circulation
-35.6	33.8	5.0	2:52 1:44 2:27 2:06 2:49	(4.6) 92%	(3.9) 78%	RUN-3				33.8ft: pale yellow (5Y8/2), few vugs, coralline
-40.6	38.8	5.0	1:59 2:02 2:00 1:49 1:37	(4.6) 92%	(4.6) 92%	RUN-4				38.8ft: white (10YR8/1)
-45.6	43.8	5.0	1:42 1:49 4:15 5:12 3:01	(4.8) 96%	(4.1) 82%	RUN-5				43.8ft: white (10YR8/1), to light gray (10YR7/1)
-50.6	48.8									-50.6 48.8
		5.0	2:50 3:38 3:28 3:08 2:41	(5.0) 100%	(3.7) 74%	RUN-6	(42.4) 71%	(30.3) 51%		LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, few vugs (Lower Fort Thompson Formation)
-55.6	53.8	5.0	2:19 3:15 2:22 1:32 2:44	(4.9) 98%	(4.7) 94%	RUN-7				
-60.6	58.8	5.0	2:16 1:44 1:28 1:31 2:01	(5.0) 100%	(5.0) 100%	RUN-8				
-65.6	63.8	5.0	1:07 0:51 0:10 0:52 1:07	(2.4) 48%	(0.8) 16%	RUN-9				
-70.6	68.8	5.0	2:35 2:10 2:22 1:38 2:48	(4.1) 82%	(2.4) 48%	RUN-10				
-75.6	73.8	5.0	1:34 2:27 3:18 1:57 3:36	(4.6) 92%	(3.4) 68%	RUN-11				
-80.6	78.8	5.0	2:09 2:05 1:23 1:44 0:58	(4.1) 82%	(2.7) 54%	RUN-12				
-85.6	83.8	5.0	0:54 1:02 2:38 3:55 4:55	(4.3) 86%	(3.1) 62%	RUN-13				
-90.6	88.8	5.0	1:40 1:32 1:10 0:41 0:43	(3.8) 76%	(2.9) 58%	RUN-14				
-95.6	93.8	5.0	1:50 0:48 1:51 1:08 1:22	(3.5) 70%	(1.6) 32%	RUN-15				
-100.6	98.8	4.0	4:20	(0.7)	(0.0)	RUN-16				

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

MACTEC

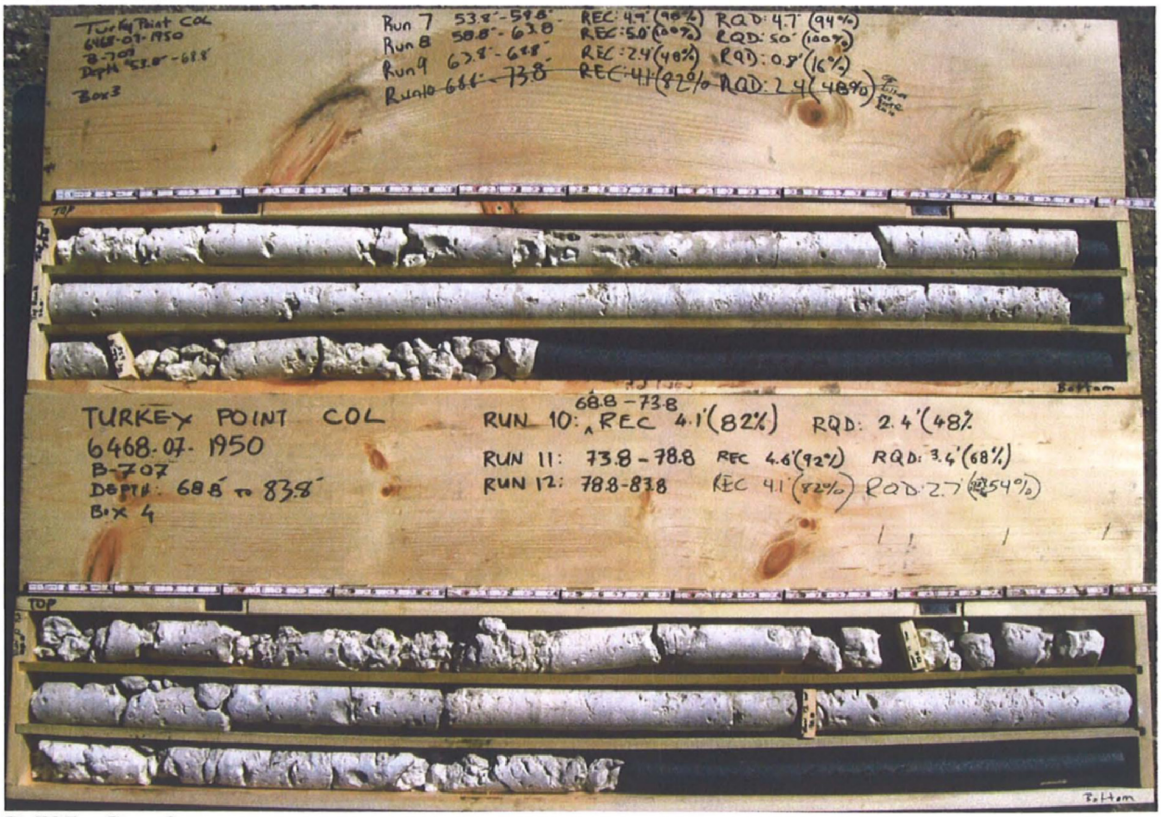
BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: H. Lyatuu
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (Miller)	DRILLER: R. White/ J. Dugger	GROUND WATER (ft)
BORING NO.: B-707	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.8 ft (NAVD88)	NORTHING: 396,829 US ft (NAD83/90)	EASTING: 875,791 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 152.0 ft	CASING DEPTH: 4" to 24.9', 3" to 110.0'		HAMMER (ID): 140 lb. Auto (M06)
DATE STARTED: 2/13/08	COMPLETED: 2/21/08	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
			2:15 2:50 2:25	18%	0%					LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, few vugs (Lower Fort Thompson Formation) *(continued)*
-104.6	102.8									
-105.6	103.8	1.0	1:23	(0.0) 0%	(0.0) 0%	RUN-17				102.8ft: No recovery-LIMESTONE and interbedded sand
		5.0	1:06 1:11 1:20 1:29	(0.0) 0%	(0.0) 0%	RUN-18				103.8ft: No recovery-LIMESTONE and interbedded sand
-110.6	108.8		0:57							-110.6 108.8
										Coring Terminated at Elevation -110.6

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

B-707 – Box 1

B-707 – Box 2



B-707 – Box 3

B-707 – Box 4