MACTEC

GEOTECHNICAL BORING LOG

Prepared By [illegible] Date 5-30-08

Checked By [illegible] 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-639	DRILL METHOD: Mud Rotary/Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.4 ft (NAVD88)	NORTHING: 396,964 US ft (NAD83/90)	EASTING: 876,998 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 102.6 ft	BORING DIAMETER: 4" to 102.6'	CASING DEPTH: 4" to 15.0'	HAMMER (ID):140 lb. Auto (MEC-03)
DATE STARTED: 3/22/08	COMPLETED: 3/24/08	CORE SIZE: HQ3	BITS USED: 4" 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
-1.4					Ground Surface				-1.4 0.0
-1.4	0.0	WOR	WOR	WOR	WOR 0	639-1			MUCK, black (10YR2/1), very soft, wet, organic, trace shells
-3.9	2.5								-4.4 3.0
		2	6	20	26	639-2A&B			LIMESTONE, boundstone, light gray (2.5Y7/2), soft, wet, sandy, fossiliferous, oolitic (Miami Formation)
-6.4	5.0				SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA				
		7	9	8	17	639-3			5.0ft: pale yellow (2.5Y8/2), very soft
-8.9	7.5								
		6	8	4	12	639-4			
-11.4	10.0								
		4	5	6	11	639-5			10.0ft: white (10YR8/1)
-13.9	12.5								
		10	10	8	18	639-6			
-16.4	15.0								
-17.7	16.3	5	12	50/0.3	62/0.8	639-7			15.0ft: white (2.5Y8/1), to light gray (2.5Y7/1), hard
-19.0	17.6					RUN-1			16.3ft: Switch sampling method to coring
						RUN-2			16.3ft: moderately hard, moderately indurated
									17.6ft: soft to medium hard, trace sand
-24.0	22.6								22.0ft: loss of circulation
						RUN-3			-25.4 24.0
-29.0	27.6								LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, trace sand, trace recrystallized calcite, fossiliferous, strong HCl reaction, coralline (Upper Fort Thompson Formation)
						RUN-4			
-34.0	32.6								
						RUN-5			32.6ft: trace vugs
-39.0	37.6								
						RUN-6			
-44.0	42.6								
						RUN-7			42.6ft: white (2.5Y8/1) to 45.7ft then gray (10YR6/1), to light gray (10YR7/1), little to trace vugs
-49.0	47.6								-49.0 47.6
						RUN-8			LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, trace vugs, few gastropod shell molds and casts, strong HCl reaction (Lower Fort Thompson Formation)
-54.0	52.6								
						RUN-9			52.6ft: trace shell molds
-59.0	57.6								
						RUN-10			57.6ft: white (2.5Y8/1), to light gray (2.5Y7/1), moderately hard, sandy
-64.0	62.6								
						RUN-11			62.6ft: white (2.5Y8/1)
									52.6 to 74.6ft: possible interbedded sand lenses
-69.0	67.6								
-70.0	68.6					RUN-12			
						RUN-13			
-74.0	72.6								
-76.0	74.6					RUN-14			

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: L. Bisson
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (ATL)	DRILLER: L. Carter/ J. Landeros	GROUND WATER (ft)
BORING NO.: B-639	DRILL METHOD: Mud Rotary/Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.4 ft (NAVD88)	NORTHING: 396,964 US ft (NAD83/90)	EASTING: 876,998 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 102.6 ft	BORING DIAMETER: 4" to 102.6'	CASING DEPTH: 4" to 15.0'	HAMMER (ID):140 lb. Auto (MEC-03)
DATE STARTED: 3/22/08	COMPLETED: 3/24/08	CORE SIZE: HQ3	BITS USED: 4" 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
-76.2					Continued from previous page				
-79.0	77.6					RUN-15			76.4ft: white (2.5Y8/1), to light gray (2.5Y7/1), hard, indurated LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, trace vugs, few gastropod shell molds and casts, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
-84.0	82.6					RUN-16			77.6ft: white (2.5Y8/1), few to little shell molds and casts
-89.0	87.6					RUN-17			
-94.0	92.6					RUN 18			87.6ft: few vugs, few shell molds and casts
-99.0	97.6					RUN-19			
						RUN-20			97.6ft: trace vugs
									-104.0 102.6
									Boring Terminated at Elevation -104.0 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: L. Bisson
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (ATL)	DRILLER: L. Carter/ J. Landeros	GROUND WATER (ft)
BORING NO.: B-639	DRILL METHOD: Mud Rotary/Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.4 ft (NAVD88)	NORTHING: 396,964 US ft (NAD83/90)	EASTING: 876,998 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 102.6 ft	CASING DEPTH: 4" to 15.0'		HAMMER (ID): 140 lb. Auto (MEC-03)
DATE STARTED: 3/22/08	COMPLETED: 3/24/08	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 @ 16.3 ft
-17.7	16.3	1.3	1:32	(1.0) 77%	(0.5) 38%	RUN-1	(4.5) 58%	(1.1) 14%		LIMESTONE, boundstone, light gray (2.5Y7/2), soft, wet, sandy, fossiliferous, oolitic (Miami Formation) *(continued)*
-19.0	17.6	5.0	0:48/0.3			RUN-2				16.3ft: moderately hard, moderately indurated
			0:59	(2.5) 50%	(0.6) 12%					17.6ft: soft to medium hard, trace sand
			1:13							
			1:36							
			0:43							
-24.0	22.6		0:17							22.0ft: loss of circulation
		5.0	0:45	(4.2) 84%	(2.7) 54%	RUN-3				-25.4 24.0
			0:13				(23.2) 98%	(21.6) 92%		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, trace sand, trace recrystallized calcite, fossiliferous, strong HCl reaction, coralline (Upper Fort Thompson Formation)
			1:31							
			1:13							
-29.0	27.6		2:33							
		5.0	1:03	(5.0) 100%	(4.7) 94%	RUN-4				
			1:08							
			1:27							
			1:59							
-34.0	32.6		1:37							
		5.0	1:11	(5.0) 100%	(4.8) 96%	RUN-5				32.6ft: trace vugs
			1:07							
			1:09							
			1:05							
-39.0	37.6		1:26							
		5.0	0:36	(5.0) 100%	(4.6) 92%	RUN-6				
			1:29							
			0:45							
			1:22							
-44.0	42.6		1:23							
		5.0	1:01	(5.0) 100%	(4.8) 96%	RUN-7				42.6ft: white (2.5Y8/1) to 45.7ft then gray (10YR6/1), to light gray (10YR7/1), little to trace vugs
			1:32							
			1:35							
			2:08							
-49.0	47.6		2:07							-49.0 47.6
		5.0	0:59	(5.0) 100%	(5.0) 100%	RUN-8	(44.9) 82%	(27.3) 50%		LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, trace vugs, few gastropod shell molds and casts, strong HCl reaction (Lower Fort Thompson Formation)
			2:08							
			1:32							
			1:06							
-54.0	52.6		1:13							
		5.0	0:36	(5.0) 100%	(4.1) 82%	RUN-9				52.6ft: trace shell molds
			0:53							
			0:42							
			1:20							
-59.0	57.6		1:05							
		5.0	1:06	(3.8) 76%	(1.6) 32%	RUN-10				57.6ft: white (2.5Y8/1), to light gray (2.5Y7/1), moderately hard, sandy
			0:29							
			0:43							
			0:13							
-64.0	62.6		0:36							
		5.0	0:31	(1.8) 36%	(0.0) 0%	RUN-11				62.6ft: white (2.5Y8/1)
			0:27							52.6 to 74.6ft: possible interbedded sand lenses
			0:40							
			0.25							
-69.0	67.6		0:29							
-70.0	68.6	1.0	2:00	(0.9) 90%	(0.0) 0%	RUN-12				
		4.0	0:58	(2.4) 60%	(0.8) 20%	RUN-13				
			0:10							
			0:24							
-74.0	72.6		2:04							
		2.0	0:30	(1.5) 75%	(0.0) 0%	RUN-14				
-76.0	74.6		3:47							
		3.0	3:13	(3.0) 100%	(1.9) 63%	RUN-15				76.4ft: white (2.5Y8/1), to light gray (2.5Y7/1), hard, indurated
			1:27							
-79.0	77.6		1:04							
		5.0	1:31	(5.0) 100%	(3.7) 74%	RUN-16				77.6ft: white (2.5Y8/1), few to little shell molds and casts
			0:56							
			0:45							
			0:43							
-84.0	82.6		0:58							
		5.0	0:49	(4.1) 82%	(2.3) 46%	RUN-17				
			0:14							
			1:07							
			0:53							
-89.0	87.6		1:06							
		5.0	0:59	(4.0) 80%	(2.3) 46%	RUN-18				87.6ft: few vugs, few shell molds and casts
			0:16							
			0:46							

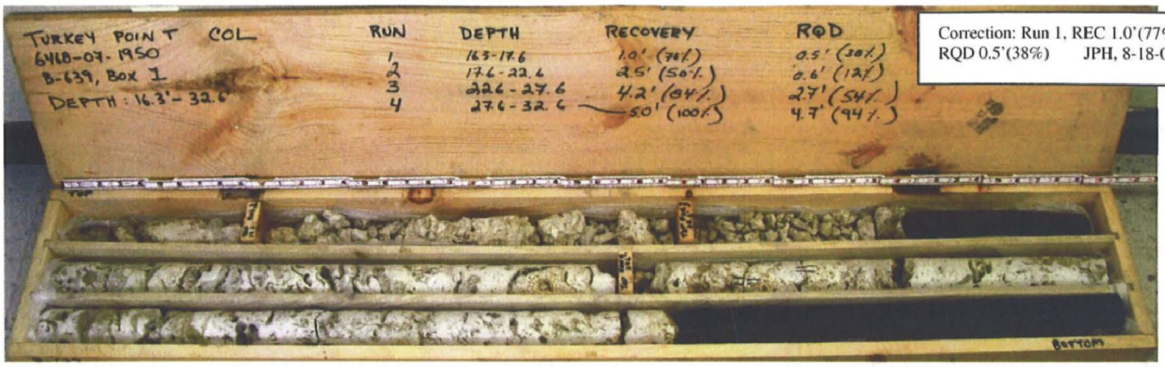
TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 5/30/08

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: L. Bisson
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 (ATL)	DRILLER: L. Carter/ J. Landeros	GROUND WATER (ft)
BORING NO.: B-639	DRILL METHOD: Mud Rotary/Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.4 ft (NAVD88)	NORTHING: 396,964 US ft (NAD83/90)	EASTING: 876,998 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 102.6 ft	CASING DEPTH: 4" to 15.0'		HAMMER (ID): 140 lb. Auto (MEC-03)
DATE STARTED: 3/22/08	COMPLETED: 3/24/08	CORE SIZE: HQ3	CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)

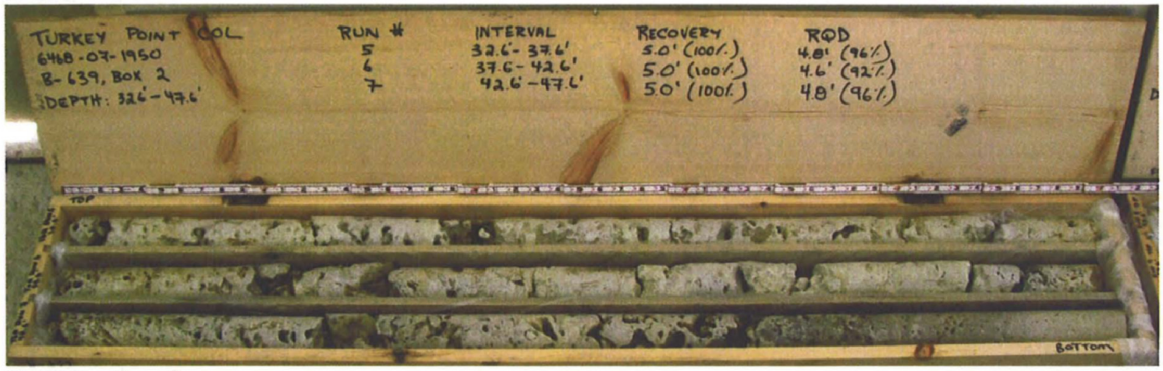
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN REC. (ft) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC. (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										Continued from previous page
-94.0	92.6		1:16 0:30							LIMESTONE, boundstone, white (10YR8/1), hard, indurated, fossiliferous, trace vugs, few gastropod shell molds and casts, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
		5.0	0:45 0:36 1:11 0:58 0:32	(4.3) 86%	(2.9) 58%	RUN-19				
-99.0	97.6									97.6ft: trace vugs
		5.0	0:57 1:38 1:05 1:35 1:32	(4.1) 82%	(2.7) 54%	RUN-20				
-104.0	102.6									-104.0 102.6
										Coring Terminated at Elevation -104.0

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



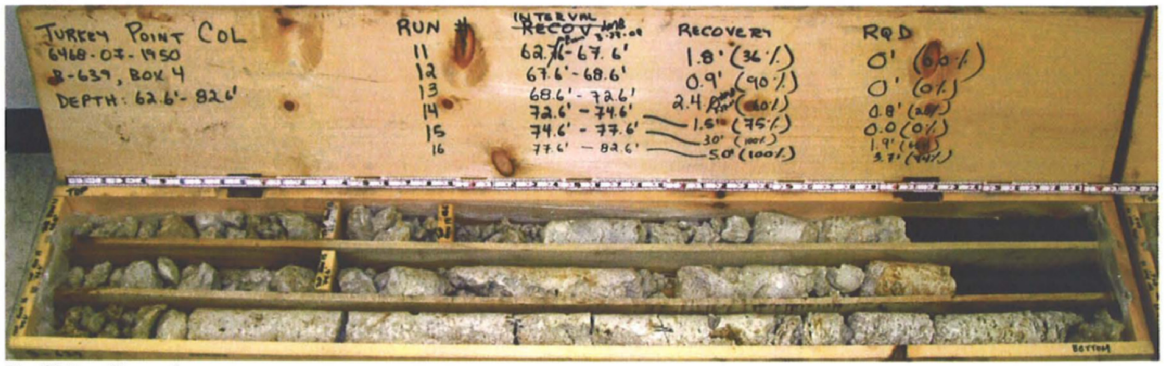
Correction: Run 1, REC 1.0'(77%), RQD 0.5'(38%) JPH, 8-18-08

B-639 – Box 1

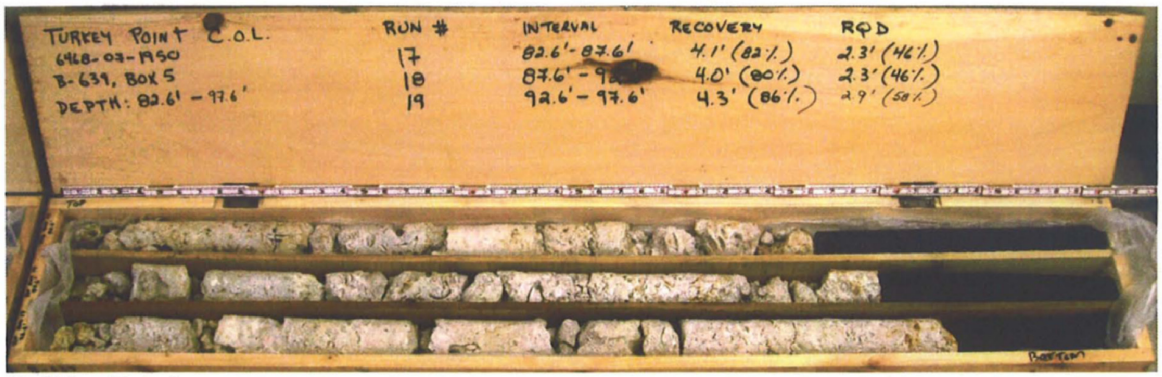


B-639 – Box 2

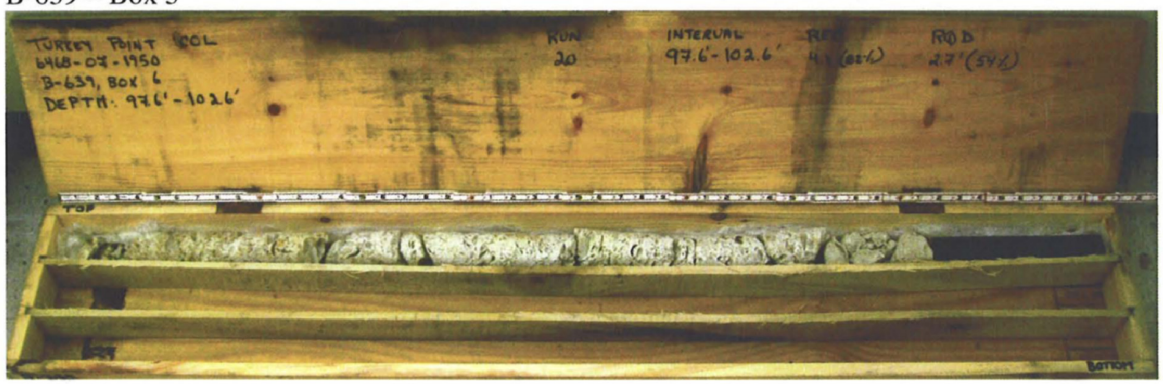
B-639 – Box 3



B-639 – Box 4



B-639 – Box 5



B-639 – Box 6

MACTEC

Revised 9/25/08

GEOTECHNICAL BORING LOG

Prepared By NBL Date 9/25/08
Checked By DAJ Date 9/25/08

SHEET 1 OF 9

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	BORING DIAMETER: 6" to 16.0', 4" to 615.5'	CASING DEPTH: 6" to 16.0', 4" to 457.5'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	BITS USED: 6 7/8" &3 7/8" Tricone, 3 7/8" wingbit

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
-1.1 / -3.6	0.0 / 2.5	WOH	WOH	1	1	701(DH)-1			MUCK, olive gray (5Y5/2), to black (5Y2.5/1), very soft, wet, mostly organic, strong HCl reaction -4.0 2.9
-6.2	5.1	11	8	15	23	701(DH)-2A&B			LIMESTONE, boundstone, pale yellow (5Y8/2), soft, friable, strong HCl reaction, wet, some sand, oolitic (Miami Formation)
-8.6	7.5	17	14	15	29 (SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA)	701(DH)-3			5.1ft: pale yellow (5Y8/2), to white (5Y8/1), trace shell fragments
-11.2	10.1	8	7	7	14	701(DH)-4			7.5ft: white (5Y8/1), very soft, some sand
-13.6	12.5	4	7	9	16	701(DH)-5			
-16.2	15.1	10	15	6	21	701(DH)-6			12.5ft: soft
-17.1	16.0	27	50/0.3		77/0.8	701(DH)-7 RUN-1			15.1ft: hard 16.0ft: Switched sampling method to coring 16.0ft: friable to indurated, trace locally interconnected vugs, recrystallized calcite
-21.6	20.5					RUN-2			20.5 to 22.0ft: fragmented zone -23.1 22.0
-26.6	25.5					RUN-3 701(DH)-CS-01			LIMESTONE, boundstone, white (5Y8/1), hard, indurated, wet, strong HCl reaction, few vugs, porous, fossiliferous, few shell molds and casts, recrystallized calcite (Upper Fort Thompson Formation) 24.5ft: loss of circulation 25.5ft: few to little vugs, mostly shell molds and casts
-31.6	30.5					RUN-4			30.5ft: soft to hard, friable to indurated, coralline
-36.6	35.5					RUN-5			35.5ft: hard, indurated
-41.6	40.5					RUN-6 701(DH)-CS-02			40.5ft: soft to hard, friable to indurated, few vugs
-46.6	45.5					RUN-7			45.5ft: gray (5Y6/1), hard, indurated to 47.8ft -48.9 47.8
-51.6	50.5					RUN-8 701(DH)-CS-03			LIMESTONE, boundstone, white (5Y8/1), to very pale brown (10YR8/3), hard, indurated, fossiliferous, little gastropod shell molds and cast, few vugs, strong HCl reaction (Lower Fort Thompson Formation) 50.5ft: white (5Y8/1)
-56.6	55.5					RUN-9			55.5ft: trace to little sand
-61.6	60.5					RUN-10 701(DH)-CS-04 701(DH)-CS-05			
-66.6	65.5					RUN-11			65.5ft: very soft to hard, friable to indurated
-71.6	70.5					RUN-12			70.5ft: hard, indurated

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	BORING DIAMETER: 6" to 16.0', 4" to 615.5'	CASING DEPTH: 6" to 16.0', 4" to 457.5'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	BITS USED: 6 7/8" &3 7/8" Tricone, 3 7/8" wingbit

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				
-76.6	75.5					701(DH)-CS-06 RUN-13			LIMESTONE, boundstone, white (5Y8/1), to very pale brown (10YR8/3), hard, indurated, fossiliferous, little gastropod shell molds and cast, few vugs, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
-81.6	80.5					RUN-14			83.5 to 84.5ft: soft, friable zone
-86.6	85.5					RUN-15			
-91.6	90.5					RUN-16			90.5ft: soft to hard, friable to indurated, sandy
-96.6	95.5					RUN-17			95.5ft: moderately hard, moderately indurated 96.0 to 98.5ft: soft, friable, sandy zone
-101.6	100.5					RUN-18			100.5ft: hard, indurated, few to little vugs
-106.6	105.5					RUN-19			105.5ft: very soft to hard, friable to indurated
-111.6	110.5					RUN-20			110.5ft: hard, indurated, some sand
-116.6	115.5								-115.6 — 114.5
-123.8	122.7	2	5	4	9	701(DH)-8			115.5ft: Switched sampling method to SPT Silty SAND (SM), white (5Y8/1), loose, wet, strong HCl reaction, trace shell fragments, fine to coarse grained sand, few fine gravel-sized cemented sand fragments (Tamiami Formation)
-128.6	127.5	3	4	6	10	701(DH)-9			122.7ft: mostly fine grained sand
-138.6	137.5	4	5	5	10	701(DH)-10			127.5ft: light olive gray (5Y6/2), trace gravel-sized cemented sand fragments
-148.6	147.5	8	5	6	11	701(DH)-11			137.5ft: gray (5Y6/1), medium dense
		5	4	10	14	701(DH)-12			147.5ft: olive gray (5Y5/2)

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	BORING DIAMETER: 6" to 16.0', 4" to 615.5	CASING DEPTH: 6" to 16.0', 4" to 457.5'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	BITS USED: 6 7/8" &3 7/8" Tricone, 3 7/8" wingbit

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				
-158.6	157.5								115.5ft: Switched sampling method to SPT Silty SAND (SM), white (5Y8/1), loose, wet, strong HCl reaction, trace shell fragments, fine to coarse grained sand, few fine gravel-sized cemented sand fragments (Tamiami Formation) *(continued)*
-168.6	167.5	3	5	8	13	701(DH)-13			157.5ft: light olive gray (5Y6/2)
-173.6	172.5	3	6	9	15	701(DH)-14			167.5ft: no recovery
-178.6	177.5	2	4	8	12	701(DH)-15			-173.6 172.5 Sandy SILT (ML), olive gray (5Y5/2), stiff, moist, mostly fine grained sand
-188.6	187.5	3	3	6	9	701(DH)-16			
-198.7	197.6	4	5	8	13	701(DH)-17			gray (5Y6/1), stiff, wet, strong HCl reaction, fine grained sand, trace gravel-sized cemented sand fragments
-208.7	207.6	3	4	5	9	701(DH)-18			-206.1 205.0 Silty SAND (SM), gray (5Y6/1), loose, wet, fine to medium grained sand, little fines, strong HCl reaction
-218.6	217.5	4	3	4	7	701(DH)-19			
		10	11	17	28	701(DH)-20			217.5ft: olive (5Y5/3), medium dense, some fines
									-223.6 222.5

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	BORING DIAMETER: 6" to 16.0', 4" to 615.5	CASING DEPTH: 6" to 16.0', 4" to 457.5'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	BITS USED: 6 7/8" &3 7/8" Tricone, 3 7/8" wingbit

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
-225.5					Continued from previous page				
-228.6	227.5								Silty SAND (SM), olive gray (5Y5/2), dense, wet, strong HCl reaction, fine grained sand, little silt (Hawthorn Group) *(continued)*
		15	12	22	34	701(DH)-21			
-238.6	237.5								
		12	14	21	35	701(DH)-22			
-248.6	247.5								
		5	8	17	25	701(DH)-23			247.5ft: gray (5Y5/1) medium dense
-258.6	257.5								
		8	11	22	33	701(DH)-24			257.5ft: greenish gray (10Y6/1), dense
-268.6	267.5								
		8	13	20	33	701(DH)-25			
-278.6	277.5								
		5	10	24	34	701(DH)-26			277.5ft: dark greenish gray (10Y4/1)
-288.6	287.5								
		7	9	21	30	701(DH)-27			287.5ft: medium dense
-298.6	297.5								
		7	14	26	40	701(DH)-28			297.5ft: olive gray (5Y5/2), dense, fine to

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	BORING DIAMETER: 6" to 16.0', 4" to 615.5'	CASING DEPTH: 6" to 16.0', 4" to 457.5'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	BITS USED: 6 7/8" &3 7/8" Tricone, 3 7/8" wingbit

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
-300.3					Continued from previous page				
-308.6	307.5								medium grained sand Silty SAND (SM), olive gray (5Y5/2), dense, wet, strong HCl reaction, fine grained sand, little silt (Hawthorn Group) *(continued)*
-318.6	317.5	10	12	21	33	701(DH)-29			307.5ft: olive (5Y5/3)
-328.6	327.5	16	50/0.4		66/0.9	701(DH)-30			317.5ft: light gray (5Y7/2), very dense, weak HCl reaction
-338.7	337.6	41	50/0.4		91/0.9	701(DH)-31			327.5ft: light gray (5Y7/1)
-348.6	347.5	42	50/0.4		92/0.9	701(DH)-32			337.6ft: gray (5Y6/1)
-348.6	347.5								
-358.6	357.5	32	48	50/0.4	90/0.9	701(DH)-33			POORLY GRADED SAND with silt (SP-SM), gray (5Y6/1), very dense, wet, fine grained sand, few fines, weak HCl reaction
-368.6	367.5	31	50	50/0.4	100/0.9	701(DH)-34			357.5ft: light olive gray (5Y6/2)
		8	38	50/0.3	88/0.8	701(DH)-35			367.5ft: gray (5Y6/1)

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	BORING DIAMETER: 6" to 16.0', 4" to 615.5'	CASING DEPTH: 6" to 16.0', 4" to 457.5'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	BITS USED: 6 7/8" &3 7/8" Tricone, 3 7/8" wingbit

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
-375.1					Continued from previous page				
-378.6	377.5								POORLY GRADED SAND with silt (SP-SM), gray (5Y6/1), very dense, wet, fine grained sand, few fines, weak HCl reaction *(continued)*
-388.6	387.5	41	50/0.5		91/1.0	701(DH)-36			
-398.6	397.5	31	50/0.5		81/1.0	701(DH)-37			
-408.6	407.5	12	49	50/0.5	99/1.0	701(DH)-38			397.5ft: light gray (5Y7/1), fine to medium grained sand
-421.3	420.2	32	42	40	82	701(DH)-39			407.5ft: gray (5Y6/1)
-428.6	427.5	42	50/0.4		92/0.9	701(DH)-40			
-438.8	437.7	31	41	50/0.4	91/0.9	701(DH)-41			
-448.6	447.5	26	37	50	87	701(DH)-42			437.7ft: crossbedding/laminations, trace silt/clay lenses
		17	12	25	37	701(DH)-43			447.5ft: greenish gray (10Y6/1), dense

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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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	BORING DIAMETER: 6" to 16.0', 4" to 615.5'	CASING DEPTH: 6" to 16.0', 4" to 457.5'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	BITS USED: 6 7/8" &3 7/8" Tricone, 3 7/8" wingbit

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
-449.9					Continued from previous page				
									POORLY GRADED SAND with silt (SP-SM), gray (5Y6/1), very dense, wet, fine grained sand, few fines, weak HCl reaction *(continued)*
									-456.1 — 455.0
-458.6	457.5								DOLOSTONE, grainstone, gray (5Y6/1), hard, indurated, wet, weak HCl reaction (Hawthorn Group)
-458.7	457.6	50/0.1			50/0.1	B-701(DH)-44			
						RUN-21			-460.4 — 459.3
-461.6	460.5								457.6ft: Switched sampling method to coring light greenish gray (10Y7/1), few gastropod shell molds and casts, sugary texture, slight organic odor
						RUN-22			
-465.7	464.6								-464.5 — 463.4
-466.6	465.5					RUN-23			Silty SAND (SM), light greenish gray (10YR7/1), wet, fine grained sand, weak HCl reaction, little shell hash
						RUN-24			DOLOSTONE, wackestone, light greenish gray (10Y7/1), soft, friable to moderately indurated, wet, weak HCl reaction
-471.6	470.5								464.6ft: green gray (10Y6/1), hard, indurated. fossiliferous
						RUN-25			-472.6 — 471.5
-476.6	475.5								465.5ft: pale olive (5Y6/3), soft, friable to moderately indurated, 470.5ft: greenish gray (5GY6/1), hard, indurated
						RUN-26			-477.6 — 476.5
-481.6	480.5								Silty SAND (SM), no recovery-cuttings observed in drill fluid return, dark in color
						RUN-27			LIMESTONE, packstone, pale yellow (5Y8/2), soft to hard, friable to indurated, wet, strong HCl reaction, fossiliferous, mostly shell molds and casts, few vugs
-486.6	485.5								480.5ft: soft to very soft, friable
						RUN-28			-487.6 — 486.5
-491.6	490.5								485.5ft: hard, indurated
						RUN-29			LIMESTONE, wackestone, pale yellow (5Y8/2), soft, friable to moderately indurated, wet, strong HCl reaction, fossiliferous
-496.6	495.5								490.5ft: medium hard to very soft, moderately indurated to friable
						RUN-30			495.5ft: soft to hard, friable to moderately indurated
-501.6	500.5								-501.6 — 500.5
						RUN-31			Silty SAND (SM), gray (5Y5/1), wet, strong HCl reaction, trace mica, some limestone fragments (Interpreted as medium dense to dense based on drill rate and recovery)
-506.6	505.5								-503.6 — 502.5
						RUN-32			LIMESTONE, packstone, pale yellow (5Y8/2), wet, soft, friable, fossiliferous, mostly shell molds and casts
-511.6	510.5								505.5ft: soft to medium hard, friable to moderately indurated. fossil-rich mud zones
						RUN-33			510.5ft: medium hard, moderately indurated, and soft, friable zones
-516.6	515.5								
						RUN-34			515.5ft: hard, indurated
-521.6	520.5								
						RUN-35			520.5ft: medium hard to moderately hard, moderately indurated to indurated. 524.5 to 525.5ft: soft zone

TURKEY POINT COL BORE: TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	BORING DIAMETER: 6" to 16.0', 4" to 615.5'	CASING DEPTH: 6" to 16.0', 4" to 457.5'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	BITS USED: 6 7/8" &3 7/8" Tricone, 3 7/8" wingbit

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
-524.7					Continued from previous page				
-526.6	525.5								-526.6 525.5
						RUN-36			LIMESTONE, wackestone, white (5Y8/1), soft to medium hard, friable to moderately indurated, wet, strong HCl reaction, fossiliferous, shell molds and casts
-531.6	530.5					RUN-37			530.5ft: pale yellow (5Y8/2), soft to moderately hard, friable to indurated
-536.6	535.5					RUN-38			535.5ft: medium hard to moderately hard, moderately indurated to indurated
-541.6	540.5					RUN-39			540.5ft: moderately hard, moderately indurated
-546.6	545.5					RUN-40			545.5ft: trace dark phosphatic material, trace soft friable zone
-551.6	550.5					RUN-41			-551.6 550.5 LIMESTONE, mudstone, light greenish gray (10Y8/1), moderately hard, moderately indurated, wet, strong HCl reaction, fossiliferous
-556.6	555.5					RUN-42			555.5ft: medium hard
-561.6	560.5					RUN-43			
-566.6	565.5					RUN-44			565.5ft: soft to medium hard
-571.6	570.5					RUN-45			570.5ft: medium hard
-576.6	575.5					RUN-46			575.5ft: pale yellow (5Y8/2), very soft to soft, friable to moderately indurated
-581.6	580.5					RUN-47			580.5ft: light greenish gray (10Y7/1), to pale yellow (5Y8/2), very soft to medium hard
-586.6	585.5					RUN-48			585.5ft: light gray (5Y7/2), medium hard, trace fine grained sand-sized dark material (possible phosphate)
-591.6	590.5					RUN-49			-593.1 590.5ft: pale yellow (5Y7/3) 592.0
-596.6	595.5								-594.1 LIMESTONE, wackestone, white (5Y8/1), hard, indurated, fossiliferous, mostly shell molds and casts 593.0
						RUN-50			-597.1 LIMESTONE, mudstone, white (5Y8/1), soft to medium hard, friable to moderately indurated, moist, strong HCl reaction, fossiliferous 596.0 -598.1 597.0

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	BORING DIAMETER: 6" to 16.0', 4" to 615.5	CASING DEPTH: 6" to 16.0', 4" to 457.5'	HAMMER (ID):140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	BITS USED: 6 7/8" &3 7/8" Tricone, 3 7/8" wingbit

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
-599.5					Continued from previous page				
-601.6	600.5								LIMESTONE, wackestone, white (5Y8/1), hard, indurated, moist, fossiliferous, mostly shell fragments, strong HCl reaction
						RUN-51			LIMESTONE, mudstone, pale yellow (5Y8/2), soft, friable, wet, strong HCl reaction, fossiliferous, trace fine grained sand *(continued)*
-606.6	605.5								600.5ft: light gray (5Y7/3), medium hard, moderately indurated
						RUN-52			605.5ft: pale yellow (5Y8/2)
-611.6	610.5								
-613.6	612.5					RUN-53			
						RUN-54			
									-616.6 615.5 Boring Terminated at Elevation -616.6 ft

TURKEY POINT COL BORE TURKEY POINT GPJ TURKEY POINT COL.GDT 9/25/08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	CASING DEPTH: 6" to 16.0', 4" to 457.5'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/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
-17.1	16.0	4.5	2:57 2:48 1:52 1:48 0.48/0.5	(3.6) 80%	(1.5) 33%	RUN-1	(4.3) 72%	(1.5) 25%		LIMESTONE, boundstone, pale yellow (5Y8/2), soft, friable, strong HCl reaction, wet, some sand, oolitic (Miami Formation) *(continued)* 16.0ft: friable to indurated, trace locally interconnected vugs, recrystallized calcite
-21.6	20.5	5.0	2:58 1:48 1:51 3:04 2:28	(3.6) 72%	(2.7) 54%	RUN-2	(24.5) 95%	(19.1) 74%		-23.1 20.5 to 22.0ft: fragmented zone 22.0 LIMESTONE, boundstone, white (5Y8/1), hard, indurated, wet, strong HCl reaction, few vugs, porous, fossiliferous, few shell molds and casts, recrystallized calcite (Upper Fort Thompson Formation)
-26.6	25.5	5.0	3:04 3:05 5:12 4:48 4:12	(4.8) 96%	(4.3) 86%	RUN-3 *701(DH)-CS-01*				24.5ft: loss of circulation 25.5ft: few to little vugs, mostly shell molds and casts
-31.6	30.5	5.0	2:59 3:01 3:28 3:22 4:17	(4.9) 98%	(3.5) 70%	RUN-4				30.5ft: soft to hard, friable to indurated, coralline
-36.6	35.5	5.0	3:05 3:01 2:32 1:53 3:01	(4.6) 92%	(3.0) 60%	RUN-5				35.5ft: hard, indurated
-41.6	40.5	5.0	3:17 2:11 3:07 2:29 2:04	(5.0) 100%	(4.6) 92%	RUN-6 *701(DH)-CS-02*				40.5ft: soft to hard, friable to indurated, few vugs
-46.6	45.5	5.0	0:33 1:43 1:48 1:44 1:59	(4.7) 94%	(3.3) 66%	RUN-7				45.5ft: gray (5Y6/1), hard, indurated to 47.8ft -48.9 47.8
-51.6	50.5	5.0	2:30 3:23 2:22 2:23 2:33	(4.8) 96%	(4.2) 84%	RUN-8 *701(DH)-CS-03*	(58.3) 87%	(43.2) 65%		LIMESTONE, boundstone, white (5Y8/1), to very pale brown (10YR8/3), hard, indurated, fossiliferous, little gastropod shell molds and cast, few vugs, strong HCl reaction (Lower Fort Thompson Formation) 50.5ft: white (5Y8/1)
-56.6	55.5	5.0	2:29 2:55 3:01 3:33 3:28	(5.0) 100%	(5.0) 100%	RUN-9				55.5ft: trace to little sand
-61.6	60.5	5.0	2:35 2:30 2:07 1:25 0:35	(4.7) 94%	(4.5) 90%	RUN-10 *701(DH)-CS-04* *701(DH)-CS-05*				
-66.6	65.5	5.0	1:49 4:41 4:34 3:04 5:23	(2.6) 52%	(1.0) 20%	RUN-11				65.5ft: very soft to hard, friable to indurated
-71.6	70.5	5.0	2:15 2:54 3:21 2:54 2:58	(5.0) 100%	(4.9) 98%	RUN-12 *701(DH)-CS-06*				70.5ft: hard, indurated
-76.6	75.5	5.0	2:34 2:13 1:45 0:54 0:35	(5.0) 100%	(4.4) 88%	RUN-13				
-81.6	80.5	5.0	1:41 1:33 1:28 1:51 1:35	(4.0) 80%	(1.7) 34%	RUN-14				83.5 to 84.5ft: soft, friable zone
-86.6	85.5	5.0	2:31 2:22 2:51 2:48 2:55	(4.8) 96%	(4.1) 82%	RUN-15				
-91.6	90.5									

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	CASING DEPTH: 6" to 16.0', 4" to 457.5'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/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	0:49 0:55 0:47 0:36 0:35	(3.6) 72%	(1.6) 32%	RUN-16				90.5ft: soft to hard, friable to indurated, sandy LIMESTONE, boundstone, white (5Y8/1), to very pale brown (10YR8/3), hard, indurated, fossiliferous, little gastropod shell molds and cast, few vugs, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
-96.6	95.5									
		5.0	0:41 0:22 0:05 0:33 0:41	(3.4) 68%	(1.4) 28%	RUN-17				95.5ft: moderately hard, moderately indurated 96.0 to 98.5ft: soft, friable, sandy zone
-101.6	100.5									
		5.0	0:35 1:14 0:52 0:41 1:10	(5.0) 100%	(3.3) 66%	RUN-18				100.5ft: hard, indurated, few to little vugs
-106.6	105.5									
		5.0	1:35 1:01 1:12 2:00 2:35	(5.0) 100%	(3.7) 74%	RUN-19				105.5ft: very soft to hard, friable to indurated
-111.6	110.5									
		5.0	1:01 1:05 1:03 0:59 0:22	(3.7) 74%	(1.1) 22%	RUN-20				110.5ft: hard, indurated, some sand
-116.6	115.5									-115.6 — 114.5
			N=9			*701(DH)-8*	(0.7) 70%	(NA) 0%		115.5ft: Switched sampling method to SPT Silty SAND (SM), white (5Y8/1), loose, wet, strong HCl reaction, trace shell fragments, fine to coarse grained sand, few fine gravel-sized cemented sand fragments (Tamiami Formation)
			N=10			*701(DH)-9*				122.7ft: mostly fine grained sand
			N=10			*701(DH)-10*				127.5ft: light olive gray (5Y6/2), trace gravel-sized cemented sand fragments
			N=11			*701(DH)-11*				137.5ft: gray (5Y6/1), medium dense
			N=14			*701(DH)-12*				147.5ft: olive gray (5Y5/2)
			N=13			*701(DH)-13*				157.5ft: light olive gray (5Y6/2)

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9 25 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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	CASING DEPTH: 6" to 16.0', 4" to 457.5'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/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
			N=15			701(DH)-14				115.5ft: Switched sampling method to SPT Silty SAND (SM), white (5Y8/1), loose, wet, strong HCl reaction, trace shell fragments, fine to coarse grained sand, few fine gravel-sized cemented sand fragments (Tamiami Formation) *(continued)* 167.5ft: no recovery
										-173.6 172.5
			N=12			701(DH)-15				Sandy SILT (ML), olive gray (5Y5/2), stiff, moist, mostly fine grained sand
			N=9			701(DH)-16				
			N=13			701(DH)-17				
										gray (5Y6/1), stiff, wet, strong HCl reaction, fine grained sand, trace gravel-sized cemented sand fragments
			N=9			701(DH)-18				
										-206.1 205.0
										Silty SAND (SM), gray (5Y6/1), loose, wet, fine to medium grained sand, little fines, strong HCl reaction
			N=7			701(DH)-19				
			N=28			701(DH)-20				217.5ft: olive (5Y5/3), medium dense, some fines
										-223.6 222.5
										Silty SAND (SM), olive gray (5Y5/2), dense, wet, strong HCl reaction, fine grained sand, little silt (Hawthorn Group)
			N=34			701(DH)-21				
			N=35			701(DH)-22				

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	CASING DEPTH: 6" to 16.0', 4" to 457.5'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/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
										Silty SAND (SM), olive gray (5Y5/2), dense, wet, strong HCl reaction, fine grained sand, little silt (Hawthorn Group) *(continued)*
			N=25			701(DH)-23				247.5ft: gray (5Y5/1) medium dense
			N=33			701(DH)-24				257.5ft: greenish gray (10Y6/1), dense
			N=33			701(DH)-25				
			N=34			701(DH)-26				277.5ft: dark greenish gray (10Y4/1)
			N=30			701(DH)-27				287.5ft: medium dense
			N=40			701(DH)-28				297.5ft: olive gray (5Y5/2), dense, fine to medium grained sand
			N=33			701(DH)-29				307.5ft: olive (5Y5/3)

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	CASING DEPTH: 6" to 16.0', 4" to 457.5'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/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
										Silty SAND (SM), olive gray (5Y5/2), dense, wet, strong HCl reaction, fine grained sand, little silt (Hawthorn Group) *(continued)*
			N=66/0.9			701(DH)-30				317.5ft: light gray (5Y7/2), very dense, weak HCl reaction
			N=91/0.9			701(DH)-31				327.5ft: light gray (5Y7/1)
			N=92/0.9			701(DH)-32				337.6ft: gray (5Y6/1)
										-348.6 347.5
			N=90/0.9			701(DH)-33				POORLY GRADED SAND with silt (SP-SM), gray (5Y6/1), very dense, wet, fine grained sand, few fines, weak HCl reaction
			N=100/0.9			701(DH)-34				357.5ft: light olive gray (5Y6/2)
			N=88/0.8			701(DH)-35				367.5ft: gray (5Y6/1)
			N=91/1.0			701(DH)-36				
			N=81/1.0			701(DH)-37				

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9.25.08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	CASING DEPTH: 6" to 16.0', 4" to 457.5'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/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
										POORLY GRADED SAND with silt (SP-SM), gray (5Y6/1), very dense, wet, fine grained sand, few fines, weak HCl reaction *(continued)*
			N=99/1.0			701(DH)-38				397.5ft: light gray (5Y7/1), fine to medium grained sand
			N=82			701(DH)-39				407.5ft: gray (5Y6/1)
			N=92/0.9			701(DH)-40				
			N=91/0.9			701(DH)-41				
			N=87			701(DH)-42				437.7ft: crossbedding/laminations, trace silt/clay lenses
			N=37			701(DH)-43				447.5ft: greenish gray (10Y6/1), dense
										-456.1 455.0
							(1.7) 100%	(0.3) 18%		DOLOSTONE, grainstone, gray (5Y6/1), hard, indurated, wet, weak HCl reaction (Hawthorn Group)
-458.7	457.6	2.9	N=50/0.1 1:48/0.9 2:22 2:34	(1.7) 59%	(0.3) 10%	701(DH)-44 RUN-21				457.6ft: Switched sampling method to coring
										-460.4 459.3
-461.6	460.5						(1.1) 27%	(NA) 0%		light greenish gray (10Y7/1), few gastropod shell molds and casts, sugary texture, slight organic odor
		4.1	1:30 1:39 1:52 9:15	(2.4) 59%	(1.2) 29%	RUN-22				Silty SAND (SM), light greenish gray (10YR7/1), wet, fine grained sand, weak HCl reaction, little shell hash
										-464.5 463.4
-465.7	464.6						(7.5)	(6.1)		

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9 25 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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	CASING DEPTH: 6" to 16.0', 4" to 457.5'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/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
-466.6	465.5	0.9	4:57/0.1	(0.3)	(0.0)	RUN-23	93%	75%		464.6ft: green gray (10Y6/1), hard, indurated, fossiliferous
		5.0	2:50/0.9	33%	0%	RUN-24				DOLOSTONE, wackestone, light greenish gray (10Y7/1), soft, friable to moderately indurated, wet, weak HCl reaction *(continued)*
			1:54	(5.0)	(4.5)					465.5ft: pale olive (5Y6/3), soft, friable to moderately indurated,
			1:18	100%	90%					
			1:09							
-471.6	470.5		1:20							
		5.0	2:28	(0.9)	(0.4)	RUN-25				-472.6 470.5ft: greenish gray (5GY6/1), hard, indurated 471.5
			4:27	18%	8%		(0.0)	(NA)		Silty SAND (SM), no recovery-cuttings observed in drill fluid return, dark in color
			1:21				0%	0%		
			2:49							
			4:58							
-476.6	475.5		1:47							
		5.0	WOR	(4.2)	(2.0)	RUN-26				-477.6 476.5
			2:12	84%	40%		(9.2)	(5.0)		LIMESTONE, packstone, pale yellow (5Y8/2), soft to hard, friable to indurated, wet, strong HCl reaction, fossiliferous, mostly shell molds and casts, few vugs
			3:07				92%	50%		
			4:08							
-481.6	480.5		1:53							
		5.0	2:18	(4.0)	(2.6)	RUN-27				480.5ft: soft to very soft, friable
			4:04	80%	52%					
			4:24							
			3:38							
-486.6	485.5		3:27							
		5.0	1:14	(3.8)	(1.6)	RUN-28				-487.6 485.5ft: hard, indurated 486.5
			1:58	76%	32%		(12.8)	(8.3)		LIMESTONE, wackestone, pale yellow (5Y8/2), soft, friable to moderately indurated, wet, strong HCl reaction, fossiliferous
			4:48				91%	59%		
			3:23							
-491.6	490.5		5:11							490.5ft: medium hard to very soft, moderately indurated to friable
		5.0	3:44	(5.0)	(4.8)	RUN-29				
			3:14	100%	96%					
			2:52							
			2:58							
-496.6	495.5		4:20							
		5.0	1:34	(4.7)	(2.3)	RUN-30				495.5ft: soft to hard, friable to moderately indurated
			1:23	94%	46%					
			2:25							
			4:07							
-501.6	500.5		4:32							-501.6 500.5
		5.0	1:21	(3.8)	(1.8)	RUN-31	(1.1)	(NA)		Silty SAND (SM), gray (5Y5/1), wet, strong HCl reaction, trace mica, some limestone fragments (Interpreted as medium dense to dense based on drill rate and recovery)
			3:34	76%	36%		55%	0%		-503.6 502.5
			3:05				(20.8)	(14.2)		LIMESTONE, packstone, pale yellow (5Y8/2), wet, soft, friable, fossiliferous, mostly shell molds and casts
			2:34				90%	62%		
-506.6	505.5		4:15							
		5.0	1:35	(5.0)	(5.0)	RUN-32				505.5ft: soft to medium hard, friable to moderately indurated, fossil-rich mud zones
			1:35	100%	100%					
			2:32							
			3:11							
-511.6	510.5		4:04							
		5.0	1:39	(5.0)	(3.6)	RUN-33				510.5ft: medium hard, moderately indurated, and soft, friable zones
			3:38	100%	72%					
			2:58							
			1:41							
-516.6	515.5		1:35							
		5.0	0:29	(3.5)	(1.9)	RUN-34				515.5ft: hard, indurated
			0:37	70%	38%					
			1:25							
			1:19							
-521.6	520.5		3:17							
		5.0	1:43	(4.6)	(1.9)	RUN-35				520.5ft: medium hard to moderately hard, moderately indurated to indurated, 524.5 to 525.5ft: soft zone
			1:01	92%	38%					
			1:48							
			2:03							
-526.6	525.5		1:45							-526.6 525.5
		5.0	1:50	(3.4)	(2.8)	RUN-36	(19.8)	(11.0)		LIMESTONE, wackestone, white (5Y8/1), soft to medium hard, friable to moderately indurated, wet, strong HCl reaction, fossiliferous, shell molds and casts
			1:35	68%	56%		79%	44%		
			3:05							
			3:18							
-531.6	530.5		4:06							
		5.0	1:31	(3.7)	(1.3)	RUN-37				530.5ft: pale yellow (5Y8/2), soft to moderately hard, friable to indurated
			2:01	74%	26%					
			1:40							
			1:41							
-536.6	535.5		4:47							
		5.0	1:16	(4.1)	(3.0)	RUN-38				535.5ft: medium hard to moderately hard, moderately indurated to indurated
			3:03	82%	60%					
			5:40							
			2:35							

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08

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-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	CASING DEPTH: 6" to 16.0', 4" to 457.5'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/HQ3	CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)

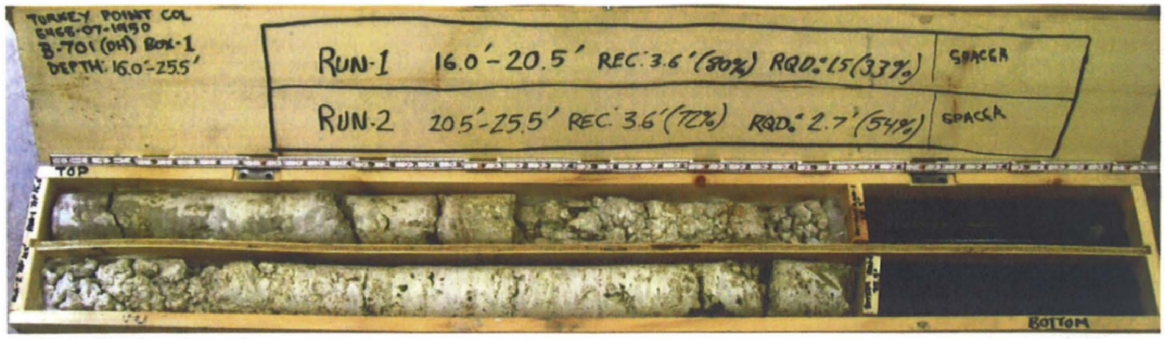
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN REC. (ft) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										Continued from previous page
-541.6	540.5	5.0	3:21 1:24 1:13 0:48 1:05 1:00	(4.9) 98%	(2.3) 46%	RUN-39				LIMESTONE, wackestone, white (5Y8/1), soft to medium hard, friable to moderately indurated, wet, strong HCl reaction, fossiliferous, shell molds and casts *(continued)* 540.5ft: moderately hard, moderately indurated
-546.6	545.5	5.0	0:37 0:34 2:00 2:35 5:04	(3.7) 74%	(1.6) 32%	RUN-40				545.5ft: trace dark phosphatic material, trace soft friable zone
-551.6	550.5	5.0	2:07 2:11 2:14 2:14 3:24	(5.0) 100%	(4.1) 82%	RUN-41	(38.3) 92%	(31.2) 75%		-551.6 — 550.5 LIMESTONE, mudstone, light greenish gray (10Y8/1), moderately hard, moderately indurated, wet, strong HCl reaction, fossiliferous
-556.6	555.5	5.0	2:10 0:52 1:18 1:08 1:49	(4.4) 88%	(3.8) 76%	RUN-42				555.5ft: medium hard
-561.6	560.5	5.0	1:09 1:09 0:58 1:00 0:58	(4.3) 86%	(1.3) 26%	RUN-43				
-566.6	565.5	5.0	0:16 0:22 0:39 1:34 1:12	(3.2) 64%	(2.9) 58%	RUN-44				565.5ft: soft to medium hard
-571.6	570.5	5.0	1:22 1:32 1:49 0:25 1:23	(5.0) 100%	(3.7) 74%	RUN-45				570.5ft: medium hard
-576.6	575.5	5.0	1:28 0:54 0:28 1:28 2:36	(5.0) 100%	(5.0) 100%	RUN-46				575.5ft: pale yellow (5Y8/2), very soft to soft, friable to moderately indurated
-581.6	580.5	5.0	1:22 0:59 1:06 2:33 4:03	(5.0) 100%	(4.0) 80%	RUN-47				580.5ft: light greenish gray (10Y7/1), to pale yellow (5Y8/2), very soft to medium hard
-586.6	585.5	5.0	2:04 2:54 2:37 2:04 1:42	(4.9) 98%	(4.9) 98%	RUN-48				585.5ft: light gray (5Y7/2), medium hard, trace fine grained sand-sized dark material (possible phosphate)
-591.6	590.5	5.0	0:58 2:22 2:24 3:20 2:20	(4.7) 94%	(4.1) 82%	RUN-49	(1.0) 100%	(0.4) 40%		-593.1 — 592.0 590.5ft: pale yellow (5Y7/3) -594.1 — 593.0 LIMESTONE, wackestone, white (5Y8/1), hard, indurated, fossiliferous, mostly shell molds and casts
-596.6	595.5	5.0	1:22 2:20 2:40 1:26 2:23	(3.0) 60%	(1.0) 20%	RUN-50	(2.7) 90% (1.0) 100% (14.9) 81%	(2.2) 73% (0.0) 0% (13.7) 74%		-597.1 — 596.0 LIMESTONE, mudstone, white (5Y8/1), soft to medium hard, friable to moderately indurated, moist, strong HCl reaction, fossiliferous -598.1 — 597.0 LIMESTONE, wackestone, white (5Y8/1), hard, indurated, moist, fossiliferous, mostly shell fragments, strong HCl reaction LIMESTONE, mudstone, pale yellow (5Y8/2), soft, friable, wet, strong HCl reaction, fossiliferous, trace fine grained sand 600.5ft: light gray (5Y7/3), medium hard, moderately indurated
-601.6	600.5	5.0	2:21 3:54 4:07 4:26 2:39	(5.0) 100%	(4.7) 94%	RUN-51				
-606.6	605.5	5.0	3:40 3:27 3:31 3:24 2:21	(3.2) 64%	(3.2) 64%	RUN-52				605.5ft: pale yellow (5Y8/2)
-611.6	610.5	2.0	1:05 1:04	(2.0) 100%	(1.6) 80%	RUN-53				
-613.6	612.5	3.0	2:21 5:13	(3.0)	(3.0)	RUN-54				

MACTEC

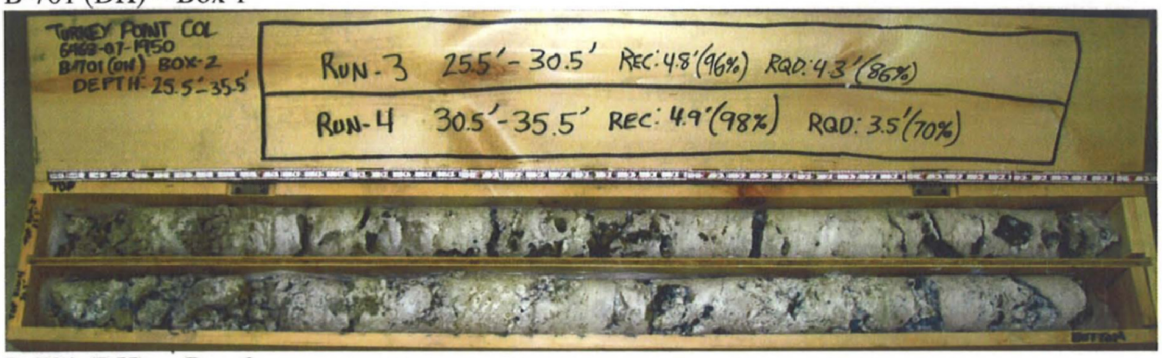
BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: R. Clark
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-750 (Miller)	DRILLER: G.Bilbrey/P.McKorkle/J.Tucker	GROUND WATER (ft)
BORING NO.: B-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 615.5 ft	CASING DEPTH: 6" to 16.0', 4" to 457.5'		HAMMER (ID): 140 lb. Auto (07)
DATE STARTED: 4/3/08	COMPLETED: 5/5/08	CORE SIZE: PQ3/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
-616.6	615.5		4:04	100%	100%					-616.6 615.5
										Coring Terminated at Elevation -616.6

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 9/25/08



B-701 (DH) – Box 1



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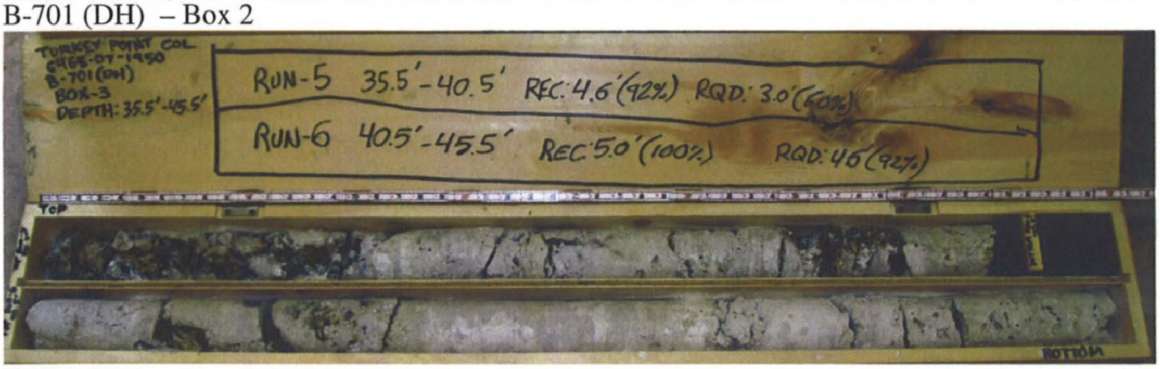

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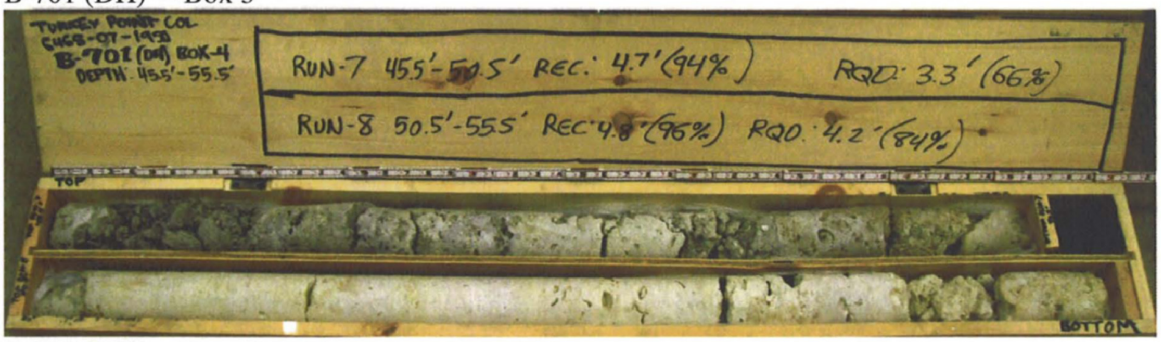
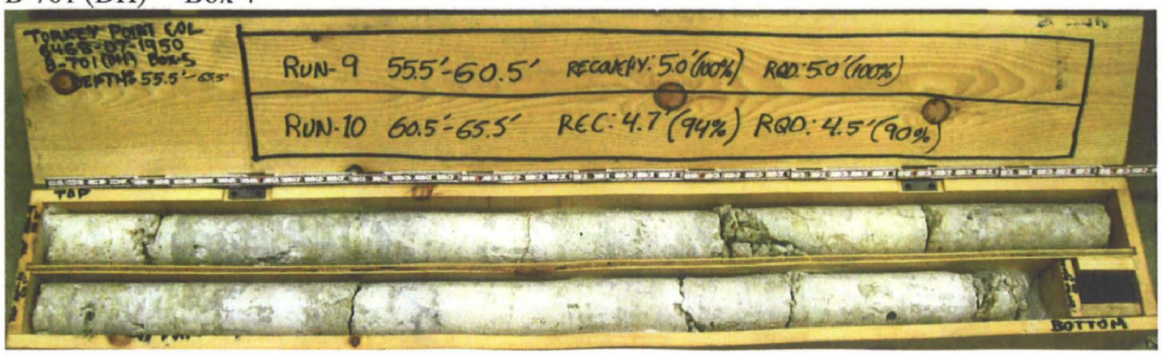


B-701 (DH) – Box 4



B-701 (DH) – Box 5