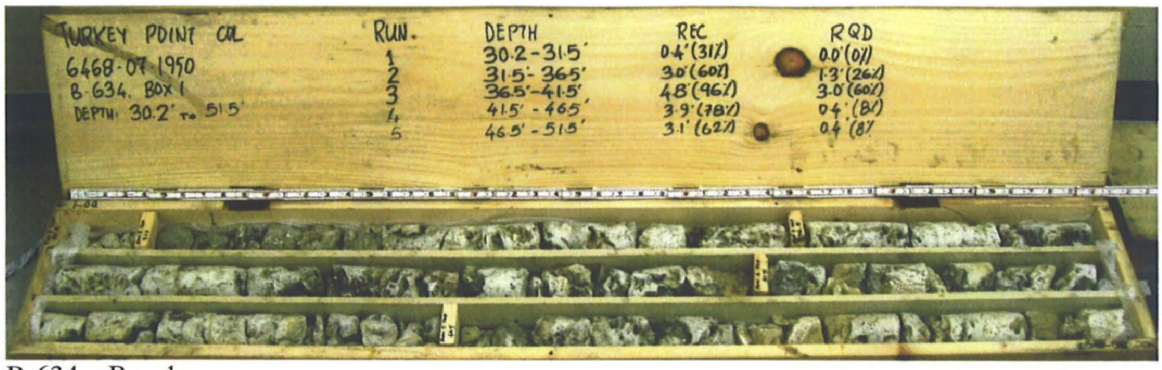
MACTEC

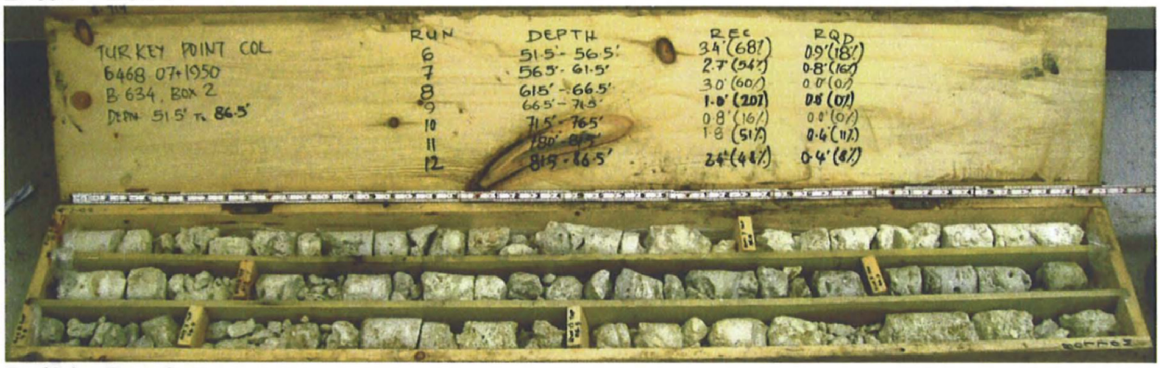
BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: H. Lyatuu
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 Marsh Buggy	DRILLER: D. White/ R. Hall	GROUND WATER (ft)
BORING NO.: B-634	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -0.7 ft (NAVD88)	NORTHING: 395,758 US ft (NAD83/90)	EASTING: 876,677 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 127.5 ft	CASING DEPTH: 4" to 30.0', 3" to 126.0'		HAMMER (ID): 140 lb. Auto (893)
DATE STARTED: 4/7/08	COMPLETED: 4/9/08	CORE SIZE: HQ3	CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)

ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN REC (ft) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										Continued from previous page
-107.2	106.5		0:22 0:31							LIMESTONE, boundstone, white (7.5YR8/1), moderately hard, moderately indurated, trace shell molds and casts (Lower Fort Thompson Formation) *(continued)*
		5.0	0:43 0:43 0:43 0:53 0:53	(3.2) 64%	(0.0) 0%	RUN-17				
-112.2	111.5									
		5.0	0:31 0:41 0:31 0:31	(1.7) 34%	(0.0) 0%	RUN-18				111.5ft: trace shell molds and casts
										-115.7 — 115.0
-117.2	116.5		0:21				(0.0) 0%	(NA)		-117.2 Silty SAND (SM), light gray (10YR7/2), medium dense, wet, interbedded friable sandy limestone lenses (Tamiami Formation) — 116.5
										Coring Terminated at Elevation -117.2

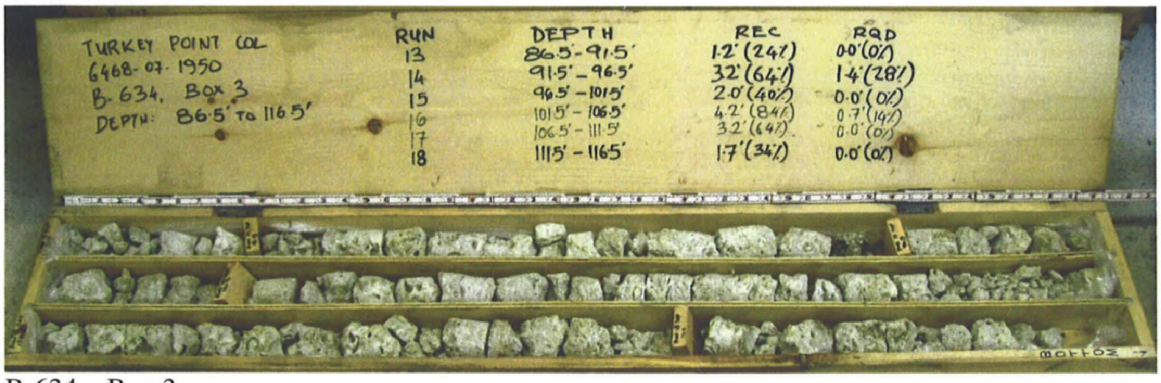
TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 7/10/08



B-634 – Box 1



B-634 – Box 2



B-634 – Box 3

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 Marsh Buggy	DRILLER: D. White/ R. Hall	GROUND WATER (ft)
BORING NO.: B-635	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -0.9 ft (NAVD88)	NORTHING: 395,771 US ft (NAD83/90)	EASTING: 876,798 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 128.5 ft	BORING DIAMETER: 4" to 35.0', 3" to 128.5'	CASING DEPTH: 4" to 35.0', 3" to 127.0'	HAMMER (ID):140 lb. Auto (893)
DATE STARTED: 4/15/08	COMPLETED: 4/17/08	CORE SIZE: HQ3	BITS USED: 2 15/16" 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
-0.9					Ground Surface				-0.9 / 0.0
-0.9 / -3.4	0.0 / 2.5	WOH	WOH	WOH	0 WOH	635-1			Sandy FAT CLAY (CH), very dark gray (10YR3/1), to very pale brown (10YR7/3), very soft, wet, some fine grained sand, trace organics, strong HCl reaction (-2.9 / 2.0)
-5.9	5.0	WOH	4	3	7	635-2A/B			MUCK, very dark gray (10Yr3/1), very soft, wet, trace shell fragments, mostly organic, weak HCl reaction (-4.1 / 3.2)
-8.4	7.5	5	4	4	8	635-3			SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA
-10.9	10.0	18	5	4	9	635-4			LIMESTONE, boundstone, white (10YR8/1), very soft, wet, fossiliferous, strong HCl reaction (Miami Formation)
-13.4	12.5	8	7	5	12	635-5			5.0ft: oolitic
-15.9	15.0	20	15	19	34	635-6			10.0ft: white (2.5Y8/1) 12.5ft: medium hard
-19.9	19.0	12	11	18	29	635-7			15.0ft: white (10YR8/1), soft
-24.9	24.0	18	13	11	24	635-8			
-29.9	29.0	7	8	6	14	635-9			24.0ft: very soft
-34.9	34.0	10	7	8	15	635-10			-27.9 / 27.0 POORLY GRADED SAND (SP), light gray (10Y7/1), medium dense, wet, fine grained sand, calcareous, trace shell fragments, strong HCl reaction
-35.9	35.0	30	50/0.3		80/0.8	635-11			-32.9 / 32.0 LIMESTONE with interbedded sand layers, boundstone, white (10YR8/1), hard, wet, fossiliferous, fine grained sand, recrystallized calcite, strong HCl reaction (Upper Fort Thompson Formation)
-37.9	37.0					RUN-1			35.0ft: Switch sampling method to coring
-42.9	42.0					RUN-2			35.0ft: white (10YR8/1), moderately hard, moderately indurated, fossiliferous, strong HCl reaction, few vugs
-47.9	47.0					RUN-3			37.0ft: hard, indurated, coralline, recrystallized calcite, little vugs
-52.9	52.0					RUN-4			47.0ft: hard to moderately hard
-57.9	57.0					RUN-5			-52.9 / 52.0 LIMESTONE, boundstone, white (7.5YR8/1), medium hard, moderately indurated, few vugs, fossiliferous, little shell molds and casts, porous, strong HCl reaction (Lower Fort Thompson Formation)
-62.9	62.0					RUN-6			57ft: moderately hard, moderately indurated, trace shell molds and casts
-67.9	67.0					RUN-7			62.0ft: white (10YR8/1), trace fine grained sand
-72.9	72.0					RUN-8			67.0ft: hard, indurated
						RUN-9			72.0ft: moderately hard to medium hard, moderately indurated

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 Marsh Buggy	DRILLER: D. White/ R. Hall	GROUND WATER (ft)
BORING NO.: B-635	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -0.9 ft (NAVD88)	NORTHING: 395,771 US ft (NAD83/90)	EASTING: 876,798 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 128.5 ft	BORING DIAMETER: 4" to 35.0', 3" to 128.5'	CASING DEPTH: 4" to 35.0', 3" to 127.0'	HAMMER (ID):140 lb. Auto (893)
DATE STARTED: 4/15/08	COMPLETED: 4/17/08	CORE SIZE: HQ3	BITS USED: 2 15/16" 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
-75.7					Continued from previous page				
-77.9	77.0					RUN-10			LIMESTONE, boundstone, white (7.5YR8/1), medium hard, moderately indurated, few vugs, fossiliferous, little shell molds and casts, porous, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
-82.9	82.0					RUN-11			82.0ft: hard, indurated
-87.9	87.0					RUN-12			87.0ft: medium hard, moderately indurated
-92.9	92.0					RUN-13			92.0ft: some shell molds and casts
-97.9	97.0					RUN-14			97.0ft: moderately hard
-102.9	102.0					RUN-15			102.0ft: hard, indurated, mostly shell molds and casts
-107.9	107.0					RUN-16			107.0ft: moderately hard, moderately indurated, trace shell molds and casts
-112.9	112.0					RUN-17			-112.9 — 112.0 Interbedded Silty SAND (SM), light greenish gray (10Y7/1), wet, fine grained sand, strong HCl reaction, with sandstone, medium hard, moderately indurated (Tamiami Formation)
-117.9	117.0	17	23	20	43	635-12			117.0ft: Switch sampling method to SPT 117.0ft: light greenish gray (5BG7/1), dense, weak HCl reaction
-127.9	127.0	6	6	8	14	635-13			-129.4 — 128.5 127.0ft: greenish gray (10Y6/1), medium dense Boring Terminated at Elevation -129.4 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 Marsh Buggy	DRILLER: D. White/ R. Hall	GROUND WATER (ft)
BORING NO.: B-635	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -0.9 ft (NAVD88)	NORTHING: 395,771 US ft (NAD83/90)	EASTING: 876,798 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 128.5 ft	CASING DEPTH: 4" to 35.0', 3" to 127.0'		HAMMER (ID): 140 lb. Auto (893)
DATE STARTED: 4/15/08	COMPLETED: 4/17/08	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
-35.9	35.0	2.0	2:11 1:28	(1.4) 70%	(0.0) 0%	RUN-1	(13.1) 77%	(8.4) 49%		LIMESTONE with interbedded sand layers, boundstone, white (10YR8/1), hard, wet, fossiliferous, fine grained sand, recrystallized calcite, strong HCl reaction (Upper Fort Thompson Formation) *(continued)*
-37.9	37.0	5.0	2:10 1:11 1:32 1:33 1:04	(5.0) 100%	(3.9) 78%	RUN-2				35.0ft: white (10YR8/1), moderately hard, moderately indurated, fossiliferous, strong HCl reaction, few vugs 37.0ft: hard, indurated, coralline, recrystallized calcite, little vugs
-42.9	42.0	5.0	1:02 2:24 1:33 1:49 1:08	(4.3) 86%	(3.8) 76%	RUN-3				
-47.9	47.0	5.0	0:34 1:23 0:25 0:12 0:13	(2.4) 48%	(0.7) 14%	RUN-4				47.0ft: hard to moderately hard
-52.9	52.0	5.0	0:34 0:30 0:53 0:31 0:30	(3.0) 60%	(0.7) 14%	RUN-5	(34.2) 57%	(13.1) 22%		-52.9 — 52.0 LIMESTONE, boundstone, white (7.5YR8/1), medium hard, moderately indurated, few vugs, fossiliferous, little shell molds and casts, porous, strong HCl reaction (Lower Fort Thompson Formation)
-57.9	57.0	5.0	1:05 0:35 0:15 1:25 1:15	(4.0) 80%	(2.8) 56%	RUN-6				57ft: moderately hard, moderately indurated, trace shell molds and casts
-62.9	62.0	5.0	1:23 0:36 0:09 0:09 0:07	(2.1) 42%	(1.5) 30%	RUN-7				62.0ft: white (10YR8/1), trace fine grained sand
-67.9	67.0	5.0	0:23 1:32 0:54 1:12 1:14	(4.0) 80%	(2.5) 50%	RUN-8				67.0ft: hard, indurated
-72.9	72.0	5.0	1:35 0:35 1:05 0:45 0:45	(3.5) 70%	(1.4) 28%	RUN-9				72.0ft: moderately hard to medium hard, moderately indurated
-77.9	77.0	5.0	0:45 0:45 1:29 1:09 0:39	(3.5) 70%	(1.6) 32%	RUN-10				
-82.9	82.0	5.0	0:25 0:10 0:20 0:50 0:35	(2.5) 50%	(0.5) 10%	RUN-11				82.0ft: hard, indurated
-87.9	87.0	5.0	1:05 0:45 0:35 0:25 0:55	(2.0) 40%	(0.0) 0%	RUN-12				87.0ft: medium hard, moderately indurated
-92.9	92.0	5.0	0:33 0:44 0:35 0:11 0:25	(2.1) 42%	(0.4) 8%	RUN-13				92.0ft: some shell molds and casts
-97.9	97.0	5.0	0:28 0:28 0:35 0:45 0:20	(2.9) 58%	(0.9) 18%	RUN-14				97.0ft: moderately hard
-102.9	102.0	5.0	0:50 0:45 0:30 0:30 0:35	(3.0) 60%	(0.8) 16%	RUN-15				102.0ft: hard, indurated, mostly shell molds and casts
-107.9	107.0	5.0	0:40 1:10 1:05	(1.6) 32%	(0.0) 0%	RUN-16				107.0ft: moderately hard, moderately indurated, trace shell molds and casts

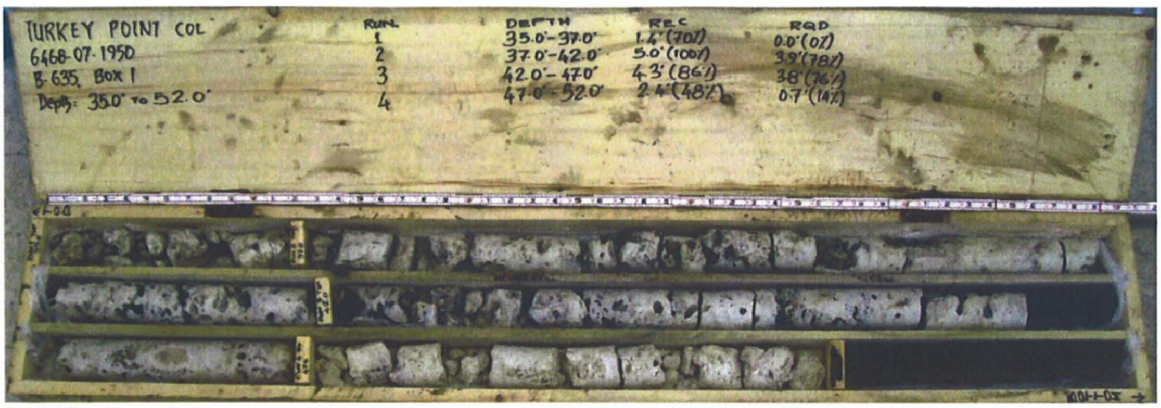
TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 5/30/08

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: H. Lyatuu
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-550 Marsh Buggy	DRILLER: D. White/ R. Hall	GROUND WATER (ft)
BORING NO.: B-635	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -0.9 ft (NAVD88)	NORTHING: 395,771 US ft (NAD83/90)	EASTING: 876,798 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 128.5 ft	CASING DEPTH: 4" to 35.0', 3" to 127.0'		HAMMER (ID): 140 lb. Auto (893)
DATE STARTED: 4/15/08	COMPLETED: 4/17/08	CORE SIZE: HQ3	CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)

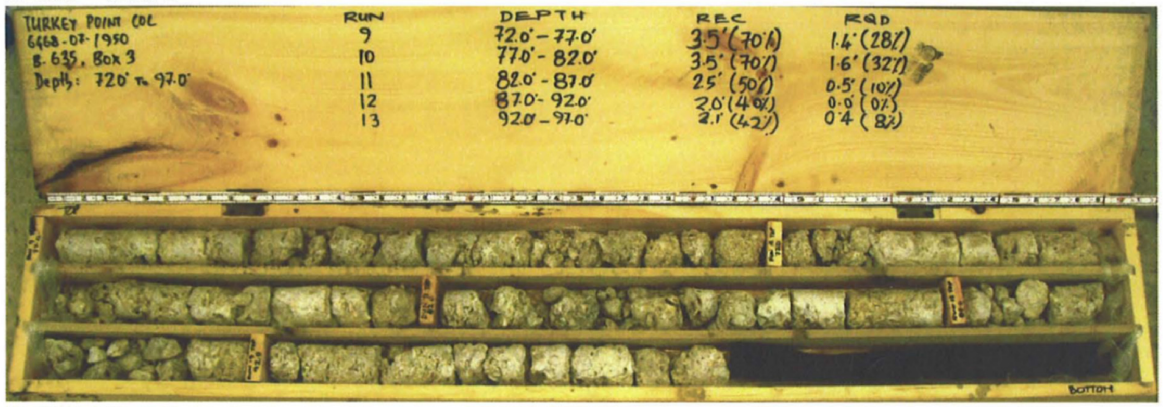
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN REC (ft) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS
										Continued from previous page
-112.9	112.0		0:25 0:55							-112.9 112.0
		5.0	0:20 0:48 0:18 0:10 0:50	(2.2) 44%	(0.0) 0%	RUN-17	(2.2) 44%	(NA)		Interbedded Silty SAND (SM), light greenish gray (10Y7/1), wet, fine grained sand, strong HCl reaction, with sandstone, medium hard, moderately indurated (Tamiami Formation)
-117.9	117.0									-117.9 117.0
										Coring Terminated at Elevation -117.9

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

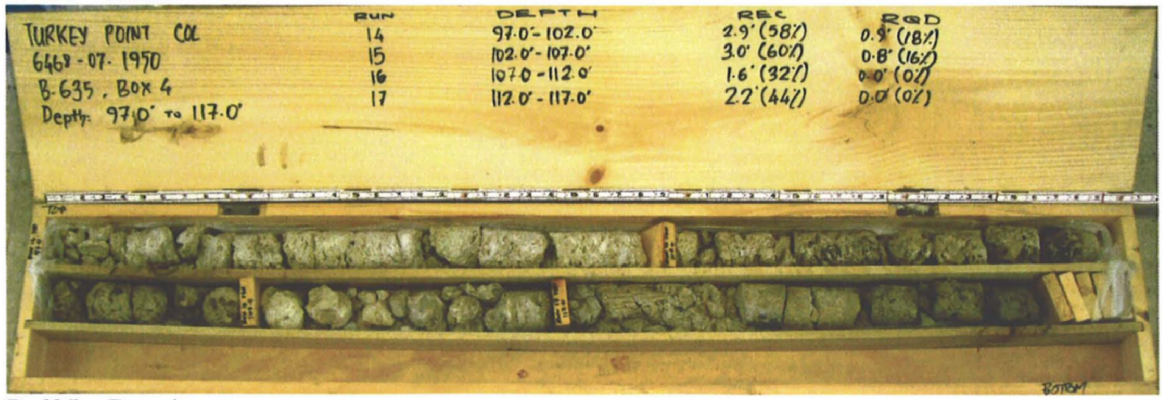


B-635 – Box 1

B-635 – Box 2



B-635 – Box 3



B-635 – Box 4

MACTEC

GEOTECHNICAL BORING LOG

Prepared By [illegible] Date [illegible]
Checked By [illegible] Date 10/12/08
Revised 10/12/08

SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: Burroughs/ Liles/ Lehman
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-55 Marsh Buggy	DRILLER: P. Pitts/ B. Carrasco	GROUND WATER (ft)
BORING NO.: B-636	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 395,715 US ft (NAD83/90)	EASTING: 877,193 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 126.0 ft	BORING DIAMETER: 4" to 27.6', 3" to 126.0'	CASING DEPTH: 4" to 27.6', 3" to 119.5'	HAMMER (ID):140 lb. Auto (MEC-425)
DATE STARTED: 4/23/08	COMPLETED: 5/1/08	CORE SIZE: HQ3	BITS USED: 2 7/8 & 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
-1.1					Ground Surface				-1.1 0.0
-1.1 / -4.1	0.0 / 3.0	WOR	WOR	WOR	WOR 0	636-1			MUCK, black (10YR2/1), to gray (10YR5/1), very soft, moist, mostly organic, strong HCl reaction
-4.8	3.7								LIMESTONE, boundstone, white (10YR8/1), very soft, wet, strong HCl reaction, oolitic (Miami Formation)
-6.1	5.0	WOH	3	6	9	636-2A&B			5.0ft: medium hard
-8.3	7.2	25	13	22	35 (SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA)	636-3			7.2ft: very soft
-10.9	9.8	13	11	9	20	636-4			
-13.6	12.5	4	5	5	10	636-5			
-15.9	14.8	7	5	6	11	636-6			12.5ft: white (10YR8/1), to light gray (10YR7/1)
-17.4	16.3	26	26	38	64	636-7			14.8ft: white (10YR8/1), hard
-20.0	18.9	31	50/0.3		81/0.8	636-8			
-25.0	23.9	5	15	17	32	636-9			18.9ft: medium hard
-30.2	29.1	6	7	5	12	636-10			23.9ft: very soft
-34.8	33.7	3	4	3	7	636-11			29.1ft: white (10YR8/1), to gray (10YR6/1), fossiliferous, sandy
-33.1	32.0								Silty SAND (SM), white (10YR8/1), very loose, wet, fine grained sand, strong HCl reaction
-35.1	34.0								LIMESTONE, boundstone, white (10YR8/1), hard, wet, fossiliferous, strong HCl reaction (Upper Fort Thompson Formation)
-35.6	34.5	4	50/0.3		54/0.8	636-12A&B			34.5ft: Switch sampling method to coring
-40.6	39.5					RUN-1			34.5ft: white (2.5Y8/1), indurated, some vugs, recrystallized calcite, coralline
-45.6	44.5					RUN-2			39.5ft: mostly vugs
-48.6	47.5					RUN-3			44.5ft: light gray (10Y7/1) to 47.5ft
-50.6	49.5								LIMESTONE, boundstone, white (2.5YR8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation)
-55.6	54.5					RUN-4			49.5ft: moderately indurated
-60.6	59.5					RUN-5			54.5ft: indurated, trace sand, trace shell molds and casts
-65.6	64.5					RUN-6			59.5ft: moderately hard to hard, moderately indurated to indurated, trace sand
-70.6	69.5					RUN-7			64.5ft: hard, indurated, trace vugs
-75.6	74.5					RUN-8			69.5ft: moderately hard, moderately indurated, little vugs, trace to few shell molds and casts

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 10/2/08

1 Rev

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: Burroughs/ Liles/ Lehman
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-55 Marsh Buggy	DRILLER: P. Pitts/ B. Carrasco	GROUND WATER (ft)
BORING NO.: B-636	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 395,715 US ft (NAD83/90)	EASTING: 877,193 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 126.0 ft	BORING DIAMETER: 4" to 27.6', 3" to 126.0'	CASING DEPTH: 4" to 27.6', 3" to 119.5'	HAMMER (ID):140 lb. Auto (MEC-425)
DATE STARTED: 4/23/08	COMPLETED: 5/1/08	CORE SIZE: HQ3	BITS USED: 2 7/8 & 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
-75.9					Continued from previous page				
						RUN-9			74.5ft: few vugs, vertical solution cavities LIMESTONE, boundstone, white (2.5YR8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) *(continued)*
-80.6	79.5					RUN-10			
-85.6	84.5					RUN-11			84.5ft: moderately hard to hard, moderately indurated to indurated, trace vugs
-90.6	89.5					RUN-12			89.5ft: hard, indurated, few vugs, little shell molds and casts
-95.6	94.5					RUN-13			94.5ft: trace vugs
-100.6	99.5					RUN-14			99.5ft: few vugs
-105.6	104.5					RUN-15			
-110.6	109.5					RUN-16			109.5ft: moderately hard, moderately indurated, trace vugs
									-113.1 112.0
-115.6	114.5					RUN-17			POORLY GRADED SAND with silt (SP-SM), light yellowish brown (2.5YR6/3), wet, strong HCl reaction, fine grained sand, trace shell fragments (Tamiami Formation) 114.5ft: No recovery (SP-SM)
-120.6	119.5	5	11	12	23	636-13			119.5ft: Switch sampling method to SPT 119.5ft medium dense
-125.6	124.5	8	23	21	44	636-14			-127.1 124.5ft: light gray (2.5Y7/2), dense, friable cemented sand fragments 126.0
									Boring Terminated at Elevation -127.1 ft

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 10.2.08

MACTEC

BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: Burroughs/ Liles/ Lehman
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-55 Marsh Buggy	DRILLER: P. Pitts/ B. Carrasco	GROUND WATER (ft)
BORING NO.: B-636	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 395,715 US ft (NAD83/90)	EASTING: 877,193 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 126.0 ft	CASING DEPTH: 4" to 27.6', 3" to 119.5'		HAMMER (ID): 140 lb. Auto (MEC-425)
DATE STARTED: 4/23/08	COMPLETED: 5/1/08	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 @ 34.5 ft
-35.6	34.5	5.0	2:02 1:58 2:32 9:10 5:22	(3.6) 72%	(2.2) 44%	RUN-1	(10.6) 82%	(8.6) 66%		LIMESTONE, boundstone, white (10YR8/1), hard, wet, fossiliferous, strong HCl reaction (Upper Fort Thompson Formation) *(continued)* 34.5ft: white (2.5Y8/1), indurated, some vugs, recrystallized calcite, coralline
-40.6	39.5	5.0	7:22 5:07 7:04 9:34 7:28	(5.0) 100%	(4.8) 96%	RUN-2				39.5ft: mostly vugs
-45.6	44.5	5.0	3:50 2:51 4:17 6:46 3:10	(5.0) 100%	(3.9) 78%	RUN-3				44.5ft: light gray (10Y7/1) to 47.5ft -48.6 47.5
-50.6	49.5	5.0	8:36 8:23 4:39 3:18 3:58	(5.0) 100%	(3.6) 72%	RUN-4	(51.5) 80%	(38.3) 59%		LIMESTONE, boundstone, white (2.5YR8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) 49.5ft: moderately indurated
-55.6	54.5	5.0	5:43 9:03 5:50 4:41 4:06	(4.4) 88%	(3.3) 66%	RUN-5				54.5ft: indurated, trace sand, trace shell molds and casts
-60.6	59.5	5.0	5:22 3:02 2:47 2:10 7:22	(2.7) 54%	(2.2) 44%	RUN-6				59.5ft: moderately hard to hard, moderately indurated to indurated, trace sand
-65.6	64.5	5.0	0:52 1:23 1:10 2:05 6:32	(1.7) 34%	(0.7) 14%	RUN-7				64.5ft: hard, indurated, trace vugs
-70.6	69.5	5.0	2:10 1:42 3:38 7:52 8:04	(4.2) 84%	(2.1) 42%	RUN-8				69.5ft: moderately hard, moderately indurated, little vugs, trace to few shell molds and casts
-75.6	74.5	5.0	3:09 6:31 6:54 3:25 2:54	(3.0) 60%	(1.4) 28%	RUN-9				74.5ft: few vugs, vertical solution cavities
-80.6	79.5	5.0	3:01 4:37 8:36 5:05 0:54	(3.5) 70%	(2.4) 48%	RUN-10				
-85.6	84.5	5.0	4:39 2:28 2:36 1:34 1:47	(3.8) 76%	(2.4) 48%	RUN-11				84.5ft: moderately hard to hard, moderately indurated to indurated, trace vugs
-90.6	89.5	5.0	2:42 3:07 5:13 4:03 2:25	(3.7) 74%	(3.1) 62%	RUN-12				89.5ft: hard, indurated, few vugs, little shell molds and casts
-95.6	94.5	5.0	1:40 2:20 2:29 4:29 4:03	(4.0) 80%	(3.0) 60%	RUN-13				94.5ft: trace vugs
-100.6	99.5	5.0	3:39 3:17 3:12 3:50 4:18	(5.0) 100%	(5.0) 100%	RUN-14				99.5ft: few vugs
-105.6	104.5	5.0	2:40 3:05 3:24 3:34 5:56	(5.0) 100%	(5.0) 100%	RUN-15				
-110.6	109.5									

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 10/2/08