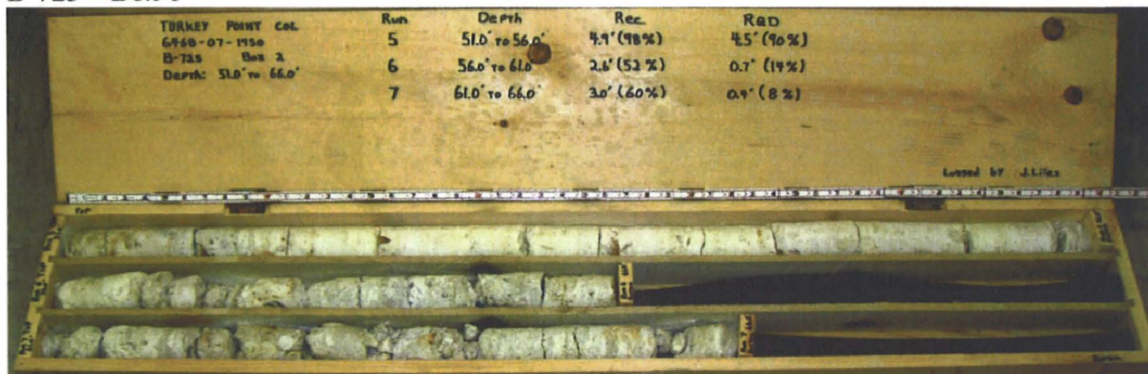
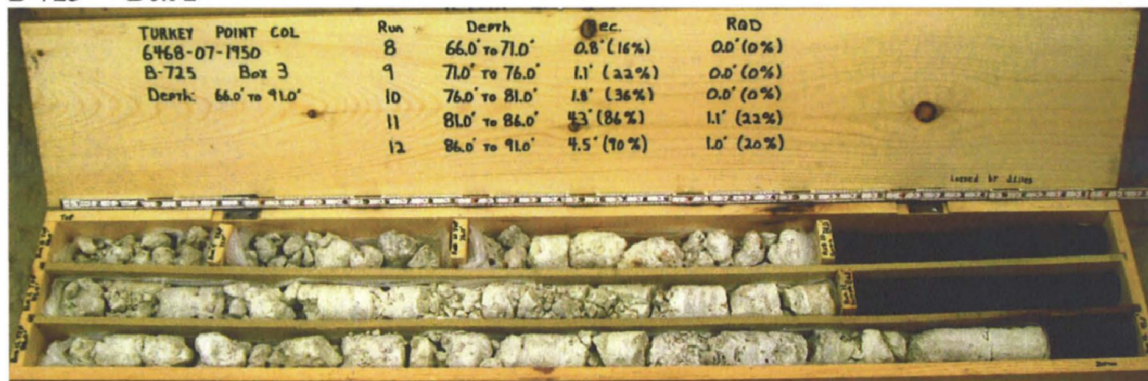




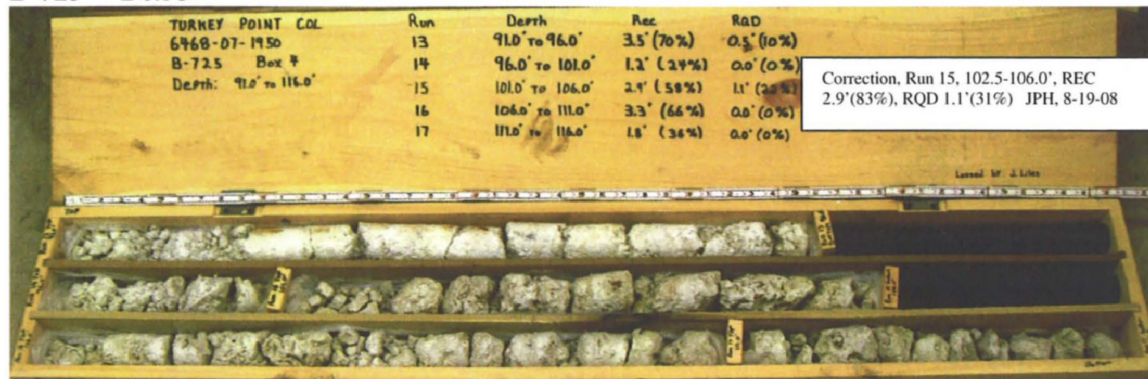
B-725 - Box 1



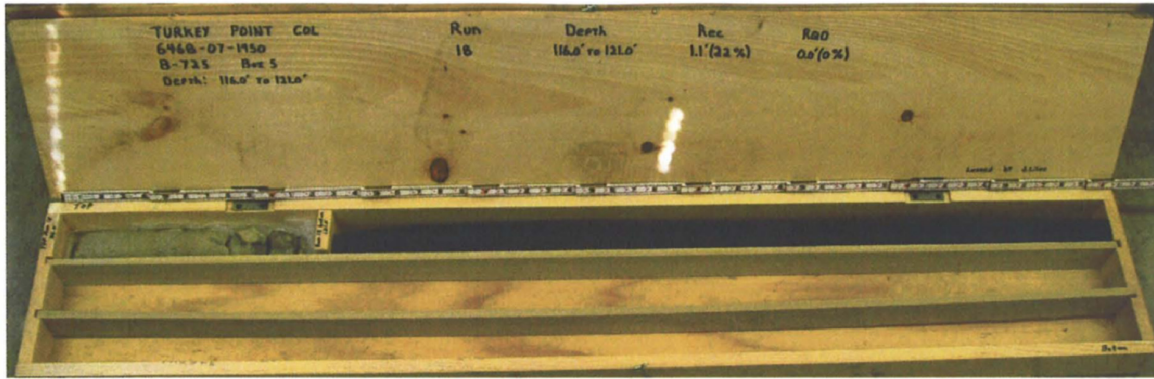
B-725 - Box 2



B-725 - Box 3



B-725 - Box 4



B-725 - Box 5





GEOTECHNICAL BORING LOG

Prepared By JPL Date 5-30-08

Checked By JLM Date 5-30-08

SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: J. Liles							
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)							
BORING NO.: B-726		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA							
GROUND ELEV.: -1.4 ft (NAVD88)		NORTHING: 396,876 US ft (NAD83/90)		EASTING: 876,004 US ft (NAD83/90)		24 HR. NA							
TOTAL DEPTH: 100.5 ft		BORING DIAMETER: 4" to 25.2', 3" to 100.5'		CASING DEPTH: 4" to 25.2'		HAMMER (ID): 140 lb. Auto (M06)							
DATE STARTED: 3/12/08		COMPLETED: 3/13/08		CORE SIZE: HQ3		BITS USED: 2 7/8" Roller Cone							
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-1.4					Ground Surface							-1.4	0.0
-1.4	0.0	WOH	WOH	WOH							726-1		MUCK, dark olive brown (2.5Y3/3), very soft, wet, strong HCl reaction
-4.1	2.7										726-2A&B		
-6.3	4.9	WOH	14	14							726-3		LIMESTONE, boundstone, white (2.5Y8/1), soft, wet, trace sand, strong HCl reaction (Miami Formation)
-8.7	7.3		9	8							726-4		4.9ft: very soft, oolitic
-11.3	9.9		8	6							726-5		
-13.9	12.5		2	4							726-6		
-16.4	15.0		9	10							726-7		15.0ft: medium dense
-21.2	19.8		8	11							726-8		19.8ft: very soft
-28.4	27.0		3	5							726-9		
-32.5	31.1		20	40							726-10		29.0ft: loss of circulation
-33.9	32.5		5	9							RUN-1		32.5: Switch sampling method to coring
-34.9	33.5			50/0.4							RUN-2		32.5ft: white (2.5Y8/1), hard, indurated, fossiliferous, strong HCl reaction, some vugs
-39.9	38.5										RUN-3		33.5ft: little vugs, trace coralline
-44.9	43.5										RUN-4		38.5ft: trace recrystallized calcite, coralline
-49.9	48.5										RUN-5		43.5ft: white (2.5Y8/1) to 46.2ft, then light gray (10Y7/1) to 48.5ft, few vugs
-54.9	53.5										RUN-6		
-59.9	58.5										RUN-7		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation)
-64.9	63.5										RUN-8		53.5ft: trace vugs
-69.9	68.5										RUN-9		56.0 to 73.0ft: possible sand interbeds as indicated by zones of fast drilling
-74.9	73.5										RUN-10		58.5ft: sandy, possible interbedded sand layers based on rapid drill rates from 58.5ft to 60.0ft

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



BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: J. Liles								
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)								
BORING NO.: B-726		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR.	NA							
GROUND ELEV.: -1.4 ft (NAVD88)		NORTHING: 396,876 US ft (NAD83/90)		EASTING: 876,004 US ft (NAD83/90)		24 HR.	NA							
TOTAL DEPTH: 100.5 ft		BORING DIAMETER: 4" to 25.2', 3" to 100.5'		CASING DEPTH: 4" to 25.2'		HAMMER (ID): 140 lb. Auto (M06)								
DATE STARTED: 3/12/08		COMPLETED: 3/13/08		CORE SIZE: HQ3		BITS USED: 2 7/8" Roller Cone								
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION		
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100	
-76.2					Continued from previous page									
-79.9	78.5											Limestone, boundstone, white (2.5Y8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation) (continued) 78.5ft: moderately hard to hard, moderately indurated to indurated  83.5ft: moderately hard, moderately indurated  88.5ft: moderately hard to hard, moderately indurated to indurated, some vugs  93.5ft: moderately hard, moderately indurated		
-84.9	83.5													
-89.9	88.5													
-94.9	93.5													
-99.9	98.5													
												-101.9	100.5	Boring Terminated at Elevation -101.9 ft

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

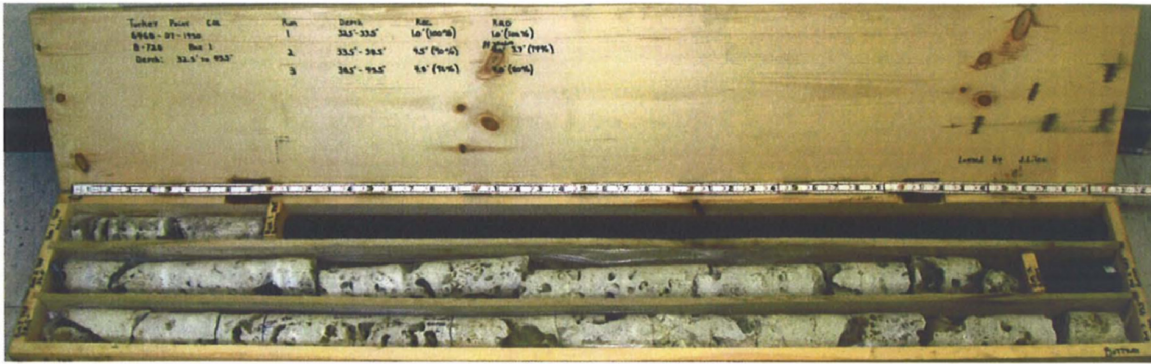




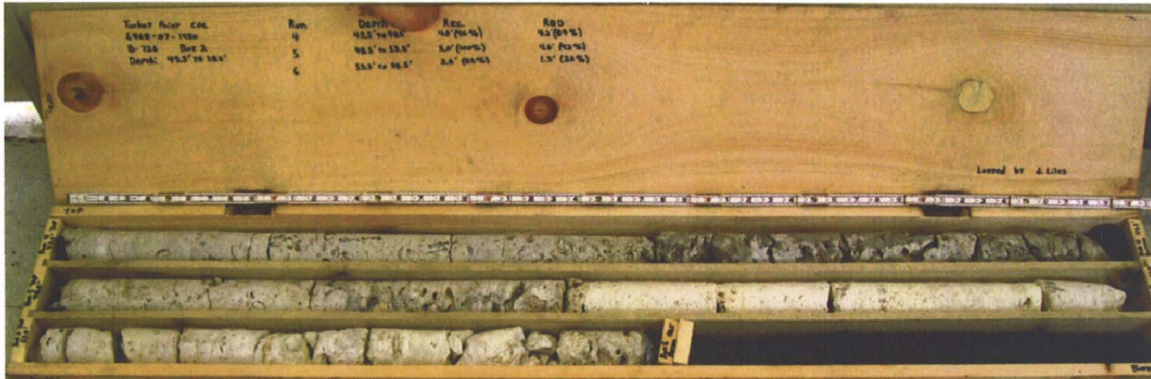
BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: J. Liles	
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)	
BORING NO.: B-726		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA	
GROUND ELEV.: -1.4 ft (NAVD88)		NORTHING: 396,876 US ft (NAD83/90)		EASTING: 876,004 US ft (NAD83/90)		24 HR. NA	
TOTAL DEPTH: 100.5 ft		CASING DEPTH: 4" to 25.2'				HAMMER (ID): 140 lb. Auto (M06)	
DATE STARTED: 3/12/08		COMPLETED: 3/13/08		CORE SIZE: HQ3		CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)	

ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN		SAMP. NO.	STRATA		LOG	DESCRIPTION AND REMARKS
				REC. (%)	RQD (%)		REC. (%)	RQD (%)		
										Begin Coring @ 32.5 ft
-33.9	32.5	1.0	0:31	(1.0)	(1.0)	RUN-1	(15.1)	(12.9)		LIMESTONE, boundstone, white (2.5Y8/1), hard, wet, strong HCl reaction (Upper Fort Thompson Formation) (continued)
-34.9	33.5	5.0	0:42 0:51 0:35 0:45 0:40	100% (4.5) 90%	100% (3.7) 74%	RUN-2	94%	81%		32.5ft: white (2.5Y8/1), hard, indurated, fossiliferous, strong HCl reaction, some vugs 33.5ft: little vugs, trace coralline
-39.9	38.5	5.0	1:11 1:17 0:48 0:58 0:46	(4.8) 96%	(4.0) 80%	RUN-3				38.5ft: trace recrystallized calcite, coralline
-44.9	43.5	5.0	1:06 0:45 0:28 0:49 0:44	(4.8) 96%	(4.2) 84%	RUN-4				43.5ft: white (2.5Y8/1) to 46.2ft, then light gray (10Y7/1) to 48.5ft, few vugs
-49.9	48.5	5.0	1:10 1:04 0:40 0:55 0:51	(5.0) 100%	(4.6) 92%	RUN-5	(32.6) 63%	(19.8) 38%		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, fossiliferous, strong HCl reaction (Lower Fort Thompson Formation)
-54.9	53.5	5.0	0:46 1:08 0:23 0:01 0:31	(2.6) 52%	(1.3) 26%	RUN-6				53.5ft: trace vugs 56.0 to 73.0ft: possible sand interbeds as indicated by zones of fast drilling
-59.9	58.5	5.0	0:05 0:39 0:53 1:15 1:20	(3.7) 74%	(3.2) 64%	RUN-7				58.5ft: sandy, possible interbedded sand layers based on rapid drill rates from 58.5ft to 60.0ft
-64.9	63.5	5.0	0:32 0:07 0:05 0:06 0:10	(1.0) 20%	(0.4) 8%	RUN-8				63.5ft: possible interbedded sand layers based on rapid drill rates and poor recovery
-69.9	68.5	5.0	0:38 0:56 1:04 0:44 0:19	(2.2) 44%	(1.4) 28%	RUN-9				68.5ft: possible interbedded sand layers based on rapid drill rates and poor recovery
-74.9	73.5	5.0	1:25 1:03 1:06 1:02 0:55	(4.3) 86%	(3.0) 60%	RUN-10				
-79.9	78.5	5.0	1:09 0:13 0:09 0:17 0:36	(3.1) 62%	(1.5) 30%	RUN-11				78.5ft: moderately hard to hard, moderately indurated to indurated
-84.9	83.5	5.0	0:37 0:08 0:28 0:54 1:34	(3.2) 64%	(1.2) 24%	RUN-12				83.5ft: moderately hard, moderately indurated
-89.9	88.5	5.0	1:00 0:34 0:25 0:22 0:17	(3.7) 74%	(1.8) 36%	RUN-13				88.5ft: moderately hard to hard, moderately indurated to indurated, some vugs
-94.9	93.5	5.0	0:30 0:30 0:23 0:22 0:08	(2.3) 46%	(1.4) 28%	RUN-14				93.5ft: moderately hard, moderately indurated
-101.9	100.5	2.0	0:28 0:25	(1.5) 75%	(0.0) 0%	RUN-15				Coring Terminated at Elevation -101.9

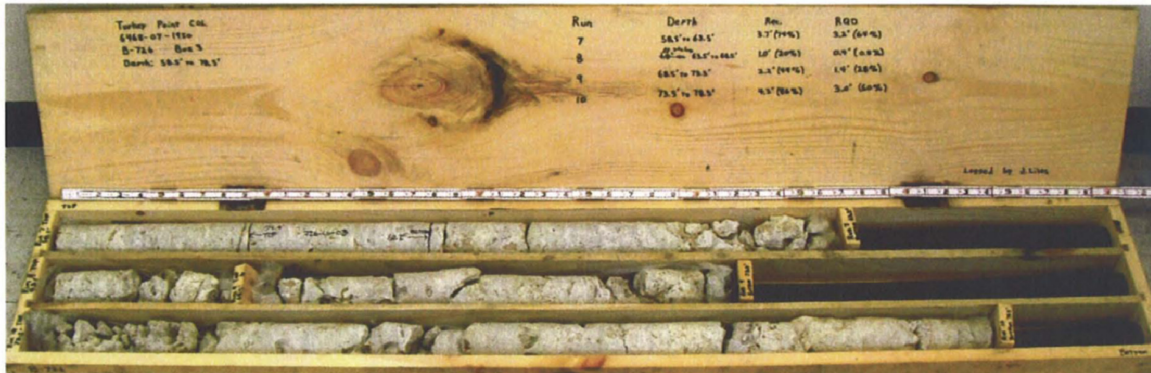
TURKEY POINT COL CORE TURKEY POINT GP TURKEY POINT COL GDI 5/30/08



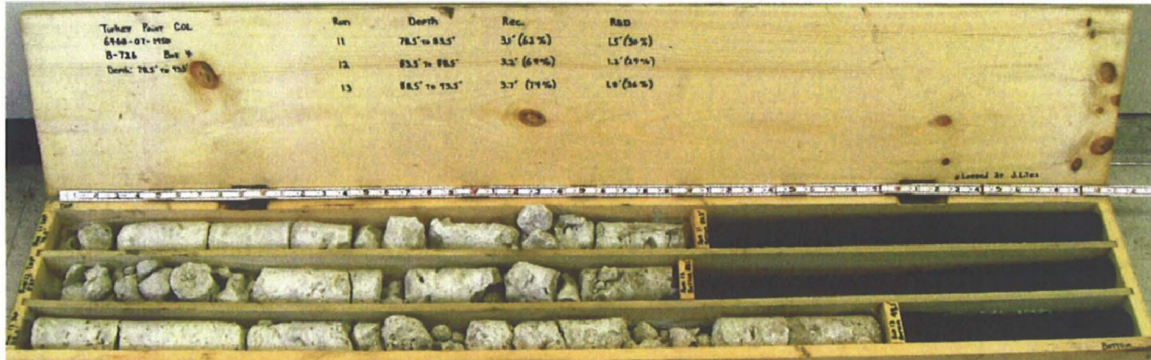
B-726 - Box 1



B-726 - Box 2

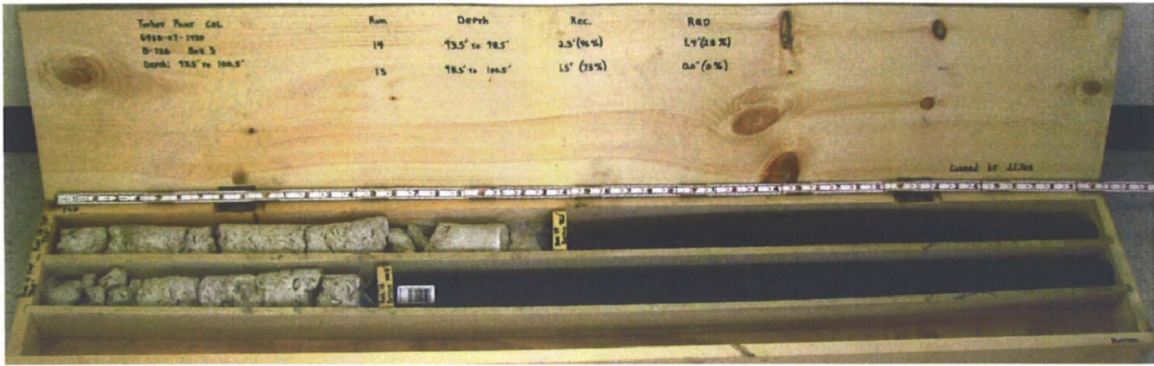


B-726 - Box 3



B-726 - Box 4





B-726 - Box 5



GEOTECHNICAL BORING LOG

Prepared By ZZZ Date 5-30-08

Checked By MM Date 5-30-08

SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: J. Liles							
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)							
BORING NO.: B-727		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA							
GROUND ELEV.: -1.3 ft (NAVD88)		NORTHING: 397,118 US ft (NAD83/90)		EASTING: 875,666 US ft (NAD83/90)		24 HR. NA							
TOTAL DEPTH: 100.9 ft		BORING DIAMETER: 4" to 25.2', 3" to 100.9'		CASING DEPTH: 4" to 35.0'		HAMMER (ID): 140 lb. Auto (M06)							
DATE STARTED: 4/3/08		COMPLETED: 4/4/08		CORE SIZE: HQ3		BITS USED: 2 7/8" Roller Cone							
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-1.3					Ground Surface							-1.3	0.0
-1.3	0.0	WOH	WOH	WOH							727-1		MUCK, black (2.5Y2.5/1), very soft, wet, strong HCl reaction, fibrous
-4.2	2.9	WOH	WOH	1							727-2A&B		
-6.9	5.6	1	1	3							727-3		LIMESTONE, boundstone, white (2.5Y8/1), very soft, wet, some fine grained sand, strong HCl reaction, oolitic (Miami Formation)
-8.8	7.5	3	6	3							727-4		7.5ft: few sand
-11.1	9.8	3	5	5							727-5		
-13.5	12.2	4	11	9							727-6		12.2ft: soft
-16.3	15.0	5	13	42							727-7		15.0ft: moderately hard
-22.8	21.5	6	6	4							727-8		21.5ft: very soft, some sand
-28.0	26.7	4	15	35							727-9		26.7ft: moderately hard, fine to medium grained sand
-32.4	31.1	3	8	20							727-10		31.1ft: soft, little fine grained sand
-38.0	36.7										727-11		LIMESTONE, boundstone, white (2.5Y8/1), hard, strong HCl reaction (Upper Fort Thompson Formation)
-38.2	36.9	50/0.2									RUN-1		36.9ft: Switch sampling method to coring
-39.2	37.9										RUN-2		37.9ft: moderately hard, moderately indurated, little vugs, recrystallized calcite, coralline
-44.2	42.9										RUN-3		42.9ft: white (2.5Y8/1) grading to gray (2.5Y6/1), few vugs
-49.2	47.9										RUN-4		47.9ft: gray (2.5Y6/1) to 48.9ft
-54.2	52.9										RUN-5		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, trace vugs, strong HCl reaction, fossiliferous, trace shell molds and casts (Lower Fort Thompson Formation)
-59.2	57.9										RUN-6		52.9ft: moderately hard to hard, moderately indurated to indurated, few vugs
-64.2	62.9										RUN-7		57.9ft: moderately hard, moderately indurated, trace sand
-69.2	67.9										RUN-8		62.9ft: medium hard to moderately hard, friable to moderately indurated, few to little sand
-74.2	72.9										RUN-9		67.9ft: moderately hard, moderately indurated
													72.9ft: soft to moderately hard, friable to

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





BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: J. Liles								
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)								
BORING NO.: B-727		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR.	NA							
GROUND ELEV.: -1.3 ft (NAVD88)		NORTHING: 397,118 US ft (NAD83/90)		EASTING: 875,666 US ft (NAD83/90)		24 HR.	NA							
TOTAL DEPTH: 100.9 ft		BORING DIAMETER: 4" to 25.2', 3" to 100.9'		CASING DEPTH: 4" to 35.0'		HAMMER (ID):140 lb. Auto (M06)								
DATE STARTED: 4/3/08		COMPLETED: 4/4/08		CORE SIZE: HQ3		BITS USED: 2 7/8" Roller Cone								
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION		
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100	
-76.1					Continued from previous page									
-79.2	77.9											moderately indurated, possible interbedded sand layers based on recovery and drill rates LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, trace vugs, strong HCl reaction, fossiliferous, trace shell molds and casts (Lower Fort Thompson Formation) (continued) 77.9ft: medium hard to moderately hard, friable to moderately indurated, few to little fine grained sand  87.9ft: moderately hard to hard, moderately indurated to indurated, trace vugs, trace to few sand  92.9ft: moderately hard, moderately indurated  97.9ft: medium hard to moderately hard, friable to moderately indurated		
-84.2	82.9									RUN-10				
-89.2	87.9										RUN-11			
-94.2	92.9										RUN-12			
-99.2	97.9										RUN-13			
											RUN-14			
												-102.2	100.9	Boring Terminated at Elevation -102.2 ft

TURKEY POINT COL BORE TURKEY POINT GIP TURKEY POINT COL GDI 5:30 UR



BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade	GEOLOGIST: J. Liles
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White	
BORING NO.: B-727		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core	
GROUND ELEV.: -1.3 ft (NAVD88)		NORTHING: 397,118 US ft (NAD83/90)		EASTING: 875,666 US ft (NAD83/90)	
TOTAL DEPTH: 100.9 ft		CASING DEPTH: 4" to 35.0'			HAMMER (ID): 140 lb. Auto (M06)
DATE STARTED: 4/3/08		COMPLETED: 4/4/08		CORE SIZE: HQ3	CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)

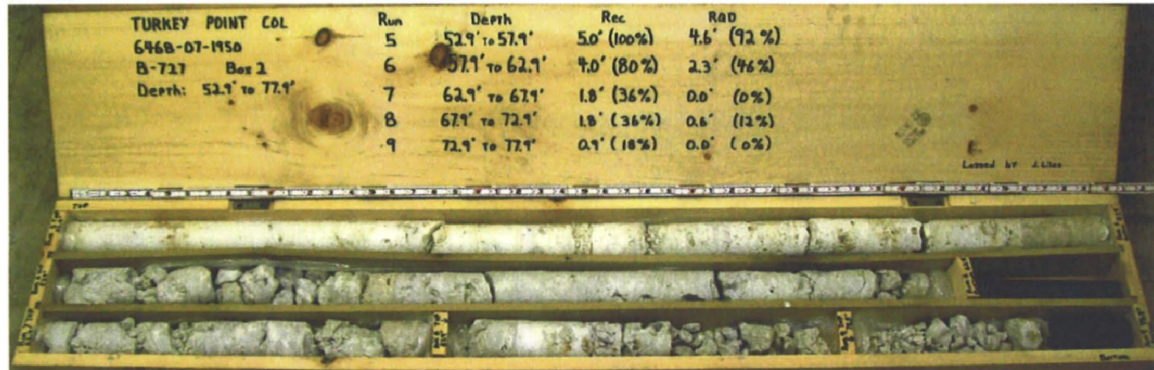
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN		SAMP. NO.	STRATA		LOG	DESCRIPTION AND REMARKS
				REC (ft) %	RQD (ft) %		REC (ft) %	RQD (ft) %		
										Begin Coring @ 36.9 ft
-38.2	36.9	1.0	0:55	(0.0)	(0.0)	RUN-1	(7.6)	(5.5)		LIMESTONE, boundstone, white (2.5Y8/1), hard, strong HCl reaction (Upper Fort Thompson Formation) (continued) 37.9ft: moderately hard, moderately indurated, little vugs, recrystallized calcite, coralline
-39.2	37.9	5.0	0:54 0:48 0:56 0:49 0:55	0% (3.7) 74%	0% (3.0) 60%	RUN-2	63%	46%		
-44.2	42.9	5.0	0:47 0:17 0:49 0:53 0:57	(2.9) 58%	(1.7) 34%	RUN-3				42.9ft: white (2.5Y8/1) grading to gray (2.5Y6/1), few vugs
-49.2	47.9	5.0	1:04 0:59 0:56 0:58 1:01	(5.0) 100%	(4.8) 96%	RUN-4	(33.1) 64%	(18.3) 35%		-50.2 47.9ft: gray (2.5Y6/1) to 48.9ft
-54.2	52.9	5.0	1:18 0:56 0:47 1:02	(5.0) 100%	(4.6) 92%	RUN-5				LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, trace vugs, strong HCl reaction, fossiliferous, trace shell molds and casts (Lower Fort Thompson Formation) 52.9ft: moderately hard to hard, moderately indurated to indurated, few vugs
-59.2	57.9	5.0	0:48 0:43 0:54 0:43 0:31	(4.0) 80%	(2.3) 46%	RUN-6				57.9ft: moderately hard, moderately indurated, trace sand
-64.2	62.9	5.0	0:24 0:29 0:24 0:20 0:30	(1.8) 36%	(0.0) 0%	RUN-7				62.9ft: medium hard to moderately hard, friable to moderately indurated, few to little sand
-69.2	67.9	5.0	1:01 0:32 0:36 0:54 0:47	(1.8) 36%	(0.6) 12%	RUN-8				67.9ft: moderately hard, moderately indurated
-74.2	72.9	5.0	0:35 0:12 0:07 0:05 0:23	(0.9) 18%	(0.0) 0%	RUN-9				72.9ft: soft to moderately hard, friable to moderately indurated, possible interbedded sand layers based on recovery and drill rates
-79.2	77.9	5.0	0:41 0:45 0:40 0:54 0:56	(2.7) 54%	(0.0) 0%	RUN-10				77.9ft: medium hard to moderately hard, friable to moderately indurated, few to little fine grained sand
-84.2	82.9	5.0	1:51 0:37 0:10 0:23 0:45	(3.3) 66%	(2.5) 50%	RUN-11				
-89.2	87.9	5.0	1:04 0:52 0:54 0:37 0:37	(3.7) 74%	(1.9) 38%	RUN-12				87.9ft: moderately hard to hard, moderately indurated to indurated, trace vugs, trace to few sand
-94.2	92.9	5.0	0:39 0:22 0:31 0:38 0:23	(3.8) 76%	(2.4) 48%	RUN-13				92.9ft: moderately hard, moderately indurated
-99.2	97.9	3.0	0:07 0:11 0:40	(2.1) 70%	(0.0) 0%	RUN-14				97.9ft: medium hard to moderately hard, friable to moderately indurated
-102.2	100.9									-102.2 100.9 Coring Terminated at Elevation -102.2

TURKEY POINT COL CORE TURKEY POINT GPJ TURKEY POINT COL GDT 5.30-08





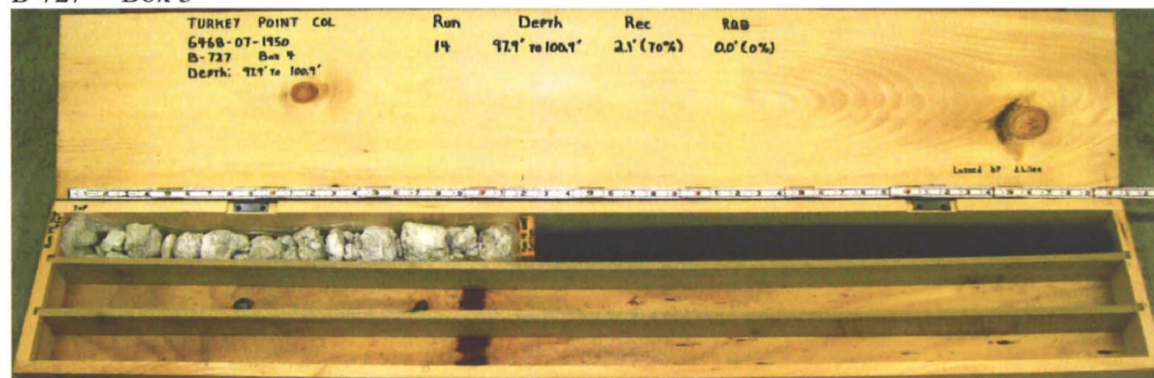
B-727 - Box 1



B-727 - Box 2



B-727 - Box 3



B-727 - Box 4



GEOTECHNICAL BORING LOG

Prepared By JPZ Date 5-30-08  
 Checked By AW Date 5-30-08

SHEET 1 OF 2

BECHTEL PROJECT NO.: 25409			MACTEC PROJECT NO.: 6468-07-1950			COUNTY: Miami-Dade			GEOLOGIST: J. Liles				
SITE DESCRIPTION: Turkey Point COL			DRILL MACHINE: CME-550 (Miller)			DRILLER: R. White/ J. Dugger/ C. White			GROUND WATER (ft)				
BORING NO.: B-728			DRILL METHOD: Mud Rotary/ Core			SAMPLE METHODS: SPT/Core			0 HR. NA				
GROUND ELEV.: -1.4 ft (NAVD88)			NORTHING: 397,071 US ft (NAD83/90)			EASTING: 875,620 US ft (NAD83/90)			24 HR. NA				
TOTAL DEPTH: 126.6 ft			BORING DIAMETER: 4" to 25.0', 3" to 126.6'			CASING DEPTH: 4" to 25.0', 3" to 113.5'			HAMMER (ID): 140 lb. Auto (M06)				
DATE STARTED: 4/5/08			COMPLETED: 4/1/08			CORE SIZE: HQ3			BITS USED: 2 7/8" Roller Cone				
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-1.4					Ground Surface							-1.4	0.0
-1.4	0.0	WOH	WOH	WOH							728-1		MUCK, black (2.5Y2.5/1), very soft, wet, strong HCl reaction
-3.8	2.4										728-2A&B		
-6.4	5.0	WOH	1	4									
-8.9	7.5	4	7	6							728-3		LIMESTONE, boundstone, white (2.5Y8/1), very soft, wet, strong HCl reaction, little fine grained sand, oolitic (Miami Formation)
-11.3	9.9	6	6	6							728-4		
-13.5	12.1	4	5	11							728-5		9.9ft: trace sand
-16.2	14.8	9	15	12							728-6		12.1ft: soft
		4	5	17							728-7		
-22.8	21.4	6	8	5							728-8		21.4ft: very soft
-27.9	26.5												23.7ft: Switch sampling method to coring
-28.7	27.3	12	50/0.3								728-9		LIMESTONE, boundstone, white (2.5Y8/1), hard, wet, strong HCl reaction (Upper Fort Thompson Formation)
-30.7	29.3										RUN-1		23.7ft: moderately hard, moderately indurated, trace fine sand
											RUN-2		29.3ft: hard, indurated, few vugs, coralline
-35.7	34.3										RUN-3		34.3ft: recrystallized calcite
-40.7	39.3										RUN-4		39.3ft: trace vugs
-45.7	44.3										RUN-5		44.3ft: fossiliferous
-50.7	49.3										RUN-6		49.3ft: white (2.5Y8/1) to 49.9ft, then gray (10YR5/1) to 51.0ft
-55.7	54.3										RUN-7		LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, strong HCl reaction, fossiliferous, trace recrystallized calcite, few shell molds and casts (Lower Fort Thompson Formation)
-60.7	59.3										RUN-8		54.3ft: moderately hard to hard, moderately indurated to indurated, trace vugs
-65.7	64.3										RUN-9		59.3ft: medium hard to moderately hard, friable to moderately indurated, few vugs, trace sand
-70.7	69.3										RUN-10		64.3ft: trace vugs, little fine grained sand
-72.2	70.8										RUN-11		69.3ft: hard, indurated
													70.8ft: moderately hard, moderately indurated, trace sand

TURKEY POINT COL BORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 5:20:05





BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: J. Liles	
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)	
BORING NO.: B-728		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA	
GROUND ELEV.: -1.4 ft (NAVD88)		NORTHING: 397,071 US ft (NAD83/90)		EASTING: 875,620 US ft (NAD83/90)		24 HR. NA	
TOTAL DEPTH: 126.6 ft		CASING DEPTH: 4" to 25.0', 3" to 113.5'				HAMMER (ID): 140 lb. Auto (M06)	
DATE STARTED: 4/5/08		COMPLETED: 4/1/08		CORE SIZE: HQ3		CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)	

ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN		SAMP NO.	STRATA		L O G	DESCRIPTION AND REMARKS
				REC. (ft) %	ROD (ft) %		REC. (ft) %	ROD (ft) %		
										Begin Coring @ 27.3 ft
-28.7	27.3	2.0	0:35 0:08	(0.5) 25%	(0.0) 0%	RUN-1	(21.7) 92%	(18.0) 76%		LIMESTONE, boundstone, white (2.5Y8/1), hard, wet, strong HCl reaction (Upper Fort Thompson Formation) (continued)
-30.7	29.3	5.0	0:49 0:37 0:45 0:48 0:44	(4.9) 98%	(3.5) 70%	RUN-2				23.7ft: moderately hard, moderately indurated, trace fine sand 29.3ft: hard, indurated, few vugs, coralline
-35.7	34.3	5.0	1:05 0:54 0:34 0:38 0:45	(5.0) 100%	(3.8) 76%	RUN-3				34.3ft: recrystallized calcite
-40.7	39.3	5.0	0:57 0:51 1:00 1:11 1:01	(5.0) 100%	(4.8) 96%	RUN-4				39.3ft: trace vugs
-45.7	44.3	5.0	1:08 1:06 1:01 1:17 1:04	(4.6) 92%	(4.6) 92%	RUN-5				44.3ft: fossiliferous
-50.7	49.3	5.0	0:53 1:05 0:56 0:48 0:41	(5.0) 100%	(4.6) 92%	RUN-6	(44.3) 70%	(25.7) 41%		49.3ft: white (2.5Y8/1) to 49.9ft, then gray (10YR5/1) to 51.0ft
-55.7	54.3	5.0	1:20 1:01 0:29 1:05 1:12	(3.4) 68%	(1.9) 38%	RUN-7				LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, strong HCl reaction, fossiliferous, trace recrystallized calcite, few shell molds and casts (Lower Fort Thompson Formation)
-60.7	59.3	5.0	0:34 0:32 0:35 0:31 0:22	(3.2) 64%	(1.2) 24%	RUN-8				54.3ft: moderately hard to hard, moderately indurated to indurated, trace vugs
-65.7	64.3	5.0	0:37 0:52 0:41 0:50 1:04	(3.5) 70%	(1.4) 28%	RUN-9				59.3ft: medium hard to moderately hard, friable to moderately indurated, few vugs, trace sand
-70.7	69.3	5.0	0:32 0:22/0.5	(0.9) 60%	(0.8) 53%	RUN-10				64.3ft: trace vugs, little fine grained sand
-72.2	70.8	1.5	0:36 0:32 0:38 0:40 0:58	(1.9) 38%	(1.1) 22%	RUN-11				69.3ft: hard, indurated
-77.2	75.8	5.0	2:31 2:41 0:30 1:29 0:56	(3.2) 64%	(1.4) 28%	RUN-12				70.8ft: moderately hard, moderately indurated, trace sand
-82.2	80.8	5.0	1:59 0:56 0:26 0:32 0:54	(3.9) 78%	(2.6) 52%	RUN-13				75.8ft: moderately hard to hard, friable to moderately indurated, little sand
-87.2	85.8	5.0	1:15 1:10 1:00 1:09 1:23	(5.0) 100%	(4.3) 86%	RUN-14				80.8ft: moderately hard, moderately indurated
-92.2	90.8	5.0	2:09 0:59 0:45 0:53 0:26	(4.0) 80%	(2.5) 50%	RUN-15				85.8ft: trace vugs
-97.2	95.8	5.0	0:32 0:28 0:29 2:05 0:46	(1.8) 36%	(0.0) 0%	RUN-16				90.8ft: medium hard to moderately hard, friable to moderately indurated
-102.2	100.8	5.0	0:52	(4.8)	(3.3)	RUN-17				100.8ft: moderately hard, moderately indurated. little shell molds and casts

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





BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: J. Liles	
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-550 (Miller)		DRILLER: R. White/ J. Dugger/ C. White		GROUND WATER (ft)	
BORING NO.: B-728		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA	
GROUND ELEV.: -1.4 ft (NAVD88)		NORTHING: 397,071 US ft (NAD83/90)		EASTING: 875,620 US ft (NAD83/90)		24 HR. NA	
TOTAL DEPTH: 126.6 ft		CASING DEPTH: 4" to 25.0', 3" to 113.5'				HAMMER (ID): 140 lb. Auto (M06)	
DATE STARTED: 4/5/08		COMPLETED: 4/1/08		CORE SIZE: HQ3		CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)	

ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN		SAMP. NO.	STRATA		LOG	DESCRIPTION AND REMARKS
				REC (ft) %	RQD (ft) %		REC (ft) %	RQD (ft) %		
			0:51 0:46 0:39 0:35	96%	66%					Continued from previous page
-107.2	105.8	5.0	0:39 0:39 0:34 0:43 0:31	(4.2) 84%	(1.9) 38%	RUN-18				LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, few vugs, strong HCl reaction, fossiliferous, trace recrystallized calcite, few shell molds and casts (Lower Fort Thompson Formation) <i>(continued)</i> 105.8ft: medium hard to moderately hard, friable to moderately indurated, trace shell molds and casts
-112.2	110.8	5.0	0:40 1:37 1:06 0:12 0:30	(1.2) 24%	(0.0) 0%	RUN-19				
-117.2	115.8						(0.0) 0%	(NA)		POORLY GRADED SAND with silt (SP-SM), light gray (2.5Y7/2), dense, wet, fine grained sand, strong HCl reaction, trace limestone fragments (Tamiami Formation) Coring Terminated at Elevation -117.2

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