



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			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80			
-300.3					Continued from previous page							
-308.6	307.5	10	12	21						701(DH)-29		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	16	50/0.4							701(DH)-30		307.5ft: olive (5Y5/3)
-328.6	327.5	41	50/0.4							701(DH)-31		317.5ft: light gray (5Y7/2), very dense, weak HCl reaction
-338.7	337.6	42	50/0.4							701(DH)-32		327.5ft: light gray (5Y7/1)
-348.6	347.5	32	48	50/0.4						701(DH)-33		337.6ft: gray (5Y6/1)
-358.6	357.5	31	50	50/0.4						701(DH)-34		347.5ft: 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	8	38	50/0.3						701(DH)-35		357.5ft: light olive gray (5Y6/2)
												367.5ft: gray (5Y6/1)

TURKEY POINT BORING: TURKEY POINT COL.GDT 9-25-08



BECHTEL PROJECT NO.: 25409	MACTEC PROJECT NO.: 6468-07-1950	COUNTY: Miami-Dade	GEOLOGIST: R. Clark
SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-750 (Miller)	DRILLER: G.Bilbrey/P.McKorkle/J.Tucker	GROUND WATER (ft) 0 HR. NA 24 HR. NA
BORING NO.: B-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	
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			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80			
-375.1					Continued from previous page							
-378.6	377.5	41	50	0.5						701(DH)-36		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	31	50	0.5						701(DH)-37		
-398.6	397.5	12	49	50	0.5					701(DH)-38		397.5ft: light gray (5Y7/1), fine to medium grained sand
-408.6	407.5	32	42	40						701(DH)-39		407.5ft: gray (5Y6/1)
-421.3	420.2	42	50	0.4						701(DH)-40		
-428.6	427.5	31	41	50	0.4					701(DH)-41		
-438.8	437.7	26	37	50						701(DH)-42		437.7ft: crossbedding/laminations, trace silt/clay lenses
-448.6	447.5	17	12	25						701(DH)-43		447.5ft: greenish gray (10Y6/1), dense

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



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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			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80			
-449.9					Continued from previous page							
-458.6	457.5											POORLY GRADED SAND with silt (SP-SM), gray (5Y6/1), very dense, wet, fine grained sand, few fines, weak HCl reaction (continued)
-458.7	457.6	50/0.1										
-461.6	460.5											DOLOSTONE, grainstone, gray (5Y6/1), hard, indurated, wet, weak HCl reaction (Hawthorn Group)
-465.7	464.6											457.6ft: Switched sampling method to coring light greenish gray (10Y7/1), few gastropod shell molds and casts, sugary texture, slight organic odor
-466.6	465.5											463.4ft: Silty SAND (SM), light greenish gray (10YR7/1), wet, fine grained sand, weak HCl reaction, little shell hash
-471.6	470.5											DOLOSTONE, wackestone, light greenish gray (10Y7/1), soft, friable to moderately indurated, wet, weak HCl reaction
-476.6	475.5											471.5ft: 464.6ft: green gray (10Y6/1), hard, indurated, fossiliferous
-481.6	480.5											476.5ft: 465.5ft: pale olive (5Y6/3), soft, friable to moderately indurated, 470.5ft: greenish gray (5GY6/1), hard, indurated
-486.6	485.5											476.5ft: Silty SAND (SM), no recovery-cuttings observed in drill fluid return, dark in color
-491.6	490.5											LIMESTONE, packstone, pale yellow (5Y8/2), soft to hard, friable to indurated, wet, strong HCl reaction, fossiliferous, mostly shell molds and casts, few vugs
-496.6	495.5											480.5ft: soft to very soft, friable
-501.6	500.5											486.5ft: 485.5ft: hard, indurated
-506.6	505.5											LIMESTONE, wackestone, pale yellow (5Y8/2), soft, friable to moderately indurated, wet, strong HCl reaction, fossiliferous
-511.6	510.5											490.5ft: medium hard to very soft, moderately indurated to friable
-516.6	515.5											495.5ft: soft to hard, friable to moderately indurated
-521.6	520.5											500.5ft: 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)
												502.5ft: LIMESTONE, packstone, pale yellow (5Y8/2), wet, soft, friable, fossiliferous, mostly shell molds and casts
												505.5ft: soft to medium hard, friable to moderately indurated, fossil-rich mud zones
												510.5ft: medium hard, moderately indurated, and soft, friable zones
												515.5ft: hard, indurated
												520.5ft: medium hard to moderately hard, moderately indurated to indurated, 524.5 to 525.5ft: soft zone

TURKEY POINT COL BORE: TURKEY POINT COL GDT 9:23 08



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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			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION		
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100	
-524.7					Continued from previous page									
-526.6	525.5											-526.6	525.5	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													530.5ft: pale yellow (5Y8/2), soft to moderately hard, friable to indurated
-536.6	535.5													535.5ft: medium hard to moderately hard, moderately indurated to indurated
-541.6	540.5													540.5ft: moderately hard, moderately indurated
-546.6	545.5													545.5ft: trace dark phosphatic material, trace soft friable zone
-551.6	550.5													LIMESTONE, mudstone, light greenish gray (10Y8/1), moderately hard, moderately indurated, wet, strong HCl reaction, fossiliferous
-556.6	555.5													555.5ft: medium hard
-561.6	560.5													
-566.6	565.5													565.5ft: soft to medium hard
-571.6	570.5													570.5ft: medium hard
-576.6	575.5													575.5ft: pale yellow (5Y8/2), very soft to soft, friable to moderately indurated
-581.6	580.5													580.5ft: light greenish gray (10Y7/1), to pale yellow (5Y8/2), very soft to medium hard
-586.6	585.5													585.5ft: light gray (5Y7/2), medium hard, trace fine grained sand-sized dark material (possible phosphate)
-591.6	590.5													590.5ft: pale yellow (5Y7/3)
-596.6	595.5													LIMESTONE, wackestone, white (5Y8/1), hard, indurated, fossiliferous, mostly shell molds and casts
														LIMESTONE, mudstone, white (5Y8/1), soft to medium hard, friable to moderately indurated, moist, strong HCl reaction, fossiliferous

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





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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		SAMP. NO.	STRATA		LOG	DESCRIPTION AND REMARKS
				REC (ft) %	RQD (ft) %		REC (ft) %	RQD (ft) %		
										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) <i>(continued)</i> 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
-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				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	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	(58.3) 87%	(43.2) 65%	-48.9	45.5ft: gray (5Y6/1), hard, indurated to 47.8ft
-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				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	5.0								

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



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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		SAMP. NO.	STRATA		LOG	DESCRIPTION AND REMARKS	
				REC (ft) %	RQD (ft) %		REC (ft) %	RQD (ft) %			
										Continued from previous page	
-96.6	95.5	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)	
-101.6	100.5	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	
-106.6	105.5	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	
-111.6	110.5	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	
-116.6	115.5	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	
			N=9			701(DH)-8	(0.7) 70%	(NA) 0%		-115.6	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)

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SITE DESCRIPTION: Turkey Point COL	DRILL MACHINE: CME-750 (Miller)	DRILLER: G.Bilbrey/P.McKorkle/J.Tucker	GROUND WATER (ft) 0 HR. NA 24 HR. NA
BORING NO.: B-701(DH)	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	
GROUND ELEV.: -1.1 ft (NAVD88)	NORTHING: 396,976 US ft (NAD83/90)	EASTING: 875,792 US ft (NAD83/90)	
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		SAMP. NO.	STRATA		LOG	DESCRIPTION AND REMARKS
				REC. (ft) %	RQD (ft) %		REC. (ft) %	RQD (ft) %		
										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
			N=12			701(DH)-15				-173.6 Sandy SILT (ML), olive gray (5Y5/2), stiff, moist, mostly fine grained sand 172.5
			N=9			701(DH)-16				
			N=13			701(DH)-17				
			N=9			701(DH)-18				gray (5Y6/1), stiff, wet, strong HCl reaction, fine grained sand, trace gravel-sized cemented sand fragments
			N=7			701(DH)-19				-206.1 Silty SAND (SM), gray (5Y6/1), loose, wet, fine to medium grained sand, little fines, strong HCl reaction 205.0
			N=28			701(DH)-20				217.5ft: olive (5Y5/3), medium dense, some fines
			N=34			701(DH)-21				-223.6 Silty SAND (SM), olive gray (5Y5/2), dense, wet, strong HCl reaction, fine grained sand, little silt (Hawthorn Group) 222.5
			N=35			701(DH)-22				

TURKEY POINT COL CORE TURKEY POINT I.G.P TURKEY POINT COL GDT 9/25/08





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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		SAMP. NO.	STRATA		LOG	DESCRIPTION AND REMARKS
				REC (ft) %	RQD (ft) %		REC (ft) %	RQD (ft) %		
										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 L.GPJ TURKEY POINT COL.GDT 9 25.08



BECHTEL PROJECT NO.: 25409		MACTEC PROJECT NO.: 6468-07-1950		COUNTY: Miami-Dade		GEOLOGIST: R. Clark	
SITE DESCRIPTION: Turkey Point COL		DRILL MACHINE: CME-750 (Miller)		DRILLER: G.Billbrey/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		SAMP. NO.	STRATA		L O G	DESCRIPTION AND REMARKS
				REC (ft) %	RQD (ft) %		REC (ft) %	RQD (ft) %		
										Continued from previous page
			N=66/0.9			701(DH)-30				Silty SAND (SM), olive gray (5Y5/2), dense, wet, strong HCl reaction, fine grained sand, little silt (Hawthorn Group) (continued) 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)
			N=90/0.9			701(DH)-33				-348.6 POORLY GRADED SAND with silt (SP-SM), gray (5Y6/1), very dense, wet, fine grained sand, few fines, weak HCl reaction 347.5
			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 COL.GDT 9.25.08