



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-729		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA									
GROUND ELEV.: -1.2 ft (NAVD88)		NORTHING: 396,971 US ft (NAD83/90)		EASTING: 875,493 US ft (NAD83/90)		24 HR. NA									
TOTAL DEPTH: 100.9 ft		BORING DIAMETER: 4" to 30.0', 3" to 100.9'		CASING DEPTH: 4" to 30.0'		HAMMER (ID): 140 lb. Auto (M06)									
DATE STARTED: 3/7/08		COMPLETED: 3/11/08		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		
-76.0					Continued from previous page										
-77.1	75.9												LIMESTONE, boundstone, white (2.5Y8/1), very hard, extremely indurated, little vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) (continued) 75.9ft: few vugs 80.9ft: moderately hard, moderately indurated, fossiliferous 85.9ft: some vugs 91.9ft: medium hard, sandy		
-82.1	80.9														
-87.1	85.9														
-92.1	90.9														
-97.1	95.9														
													-102.1	100.9	Boring Terminated at Elevation -102.1 ft

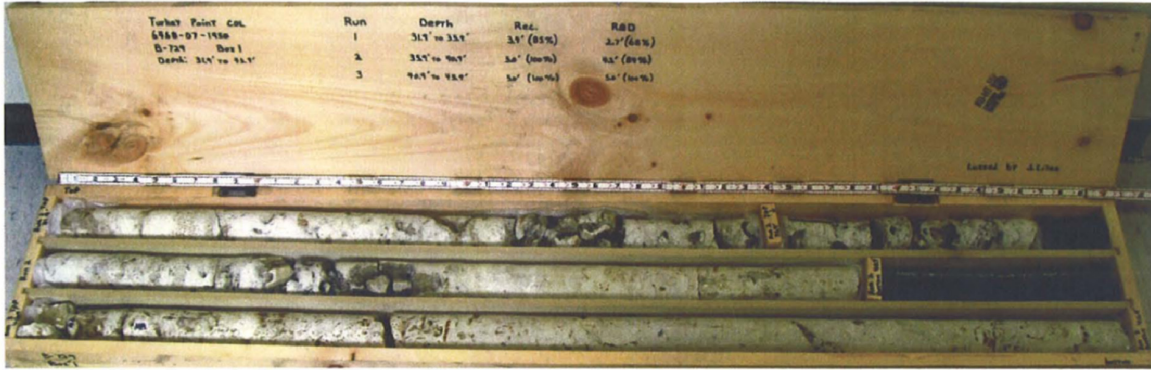
TURKEY POINT COL BORE TURKEY POINT GPJ TURKEY POINT COL.GDT 5:30US



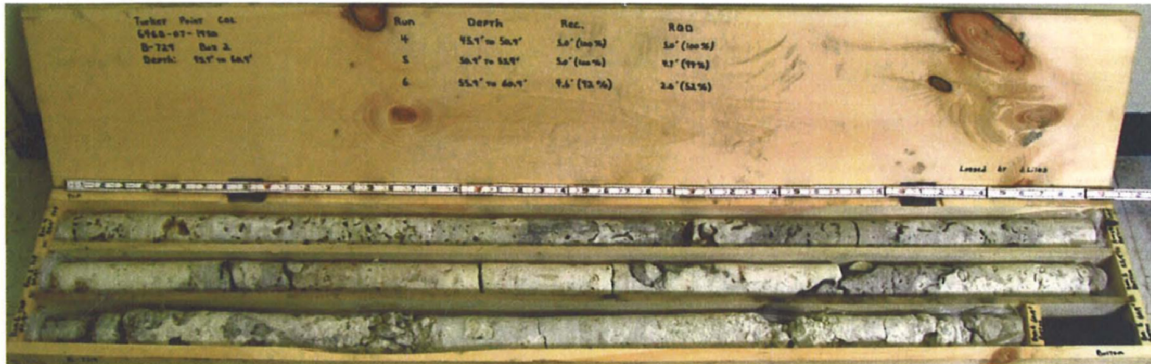
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BORING NO.: B-729		DRILL METHOD: Mud Rotary/ Core		SAMPLE METHODS: SPT/Core		0 HR. NA	
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TOTAL DEPTH: 100.9 ft		CASING DEPTH: 4" to 30.0'				HAMMER (ID): 140 lb. Auto (M06)	
DATE STARTED: 3/7/08		COMPLETED: 3/11/08		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 @ 31.9 ft
-33.1	31.9	4.0	1:47 1:03 1:00 0:59	(3.4) 85%	(2.7) 68%	RUN-1	(18.4) 97%	(16.9) 89%		LIMESTONE, boundstone, white (2.5Y7/1), very soft, wet, strong HCl reaction, trace coral (Upper Fort Thompson Formation) (continued) 31.9ft: white (2.5Y8/1), hard, indurated, strong HCl reaction, little vugs, coralline
-37.1	35.9	5.0	0:50 0:45 1:17 1:37 1:53	(5.0) 100%	(4.2) 84%	RUN-2				35.9ft: recrystallized calcite
-42.1	40.9	5.0	1:36 1:29 2:18 1:46 1:52	(5.0) 100%	(5.0) 100%	RUN-3				40.9ft: very hard, extremely indurated
-47.1	45.9	5.0	1:34 1:27 2:04 1:32 1:39	(5.0) 100%	(5.0) 100%	RUN-4				45.9ft: white (2.5Y8/1) to 48.1ft, then light gray (10YR7/1) to 50.9 ft, some vugs
-52.1	50.9	5.0	1:40 1:21 0:45 0:51 0:43	(5.0) 100%	(4.7) 94%	RUN-5	(36.8) 74%	(20.4) 41%	-52.1	LIMESTONE, boundstone, white (2.5Y8/1), very hard, extremely indurated, little vugs, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation)
-57.1	55.9	5.0	1:00 0:48 0:55 0:32 0:37	(4.6) 92%	(2.6) 52%	RUN-6				55.9ft: moderately hard, moderately indurated
-62.1	60.9	5.0	1:16 0:40 0:26 0:48 0:43	(3.8) 76%	(1.8) 36%	RUN-7				
-67.1	65.9	5.0	0:28 0:13 0:05 0:11 0:16	(2.6) 52%	(0.8) 16%	RUN-8				65.9 to 70.1ft: medium hard 70.1ft: hard, indurated, some vugs
-72.1	70.9	5.0	1:04 1:10 1:01 1:01 1:03	(4.9) 98%	(3.5) 70%	RUN-9				
-77.1	75.9	5.0	1:05 0:21 0:02 0:32 0:43	(3.6) 72%	(1.9) 38%	RUN-10				75.9ft: few vugs
-82.1	80.9	5.0	0:14 0:10 0:12 0:21 0:29	(1.9) 38%	(0.0) 0%	RUN-11				80.9ft: moderately hard, moderately indurated, fossiliferous
-87.1	85.9	5.0	0:26 0:27 0:25 1:25 1:16	(4.2) 84%	(2.4) 48%	RUN-12				85.9ft: some vugs
-92.1	90.9	5.0	0:40 0:21 0:24 0:25 0:21	(4.3) 86%	(2.7) 54%	RUN-13				91.9ft: medium hard, sandy
-97.1	95.9	5.0	0:21 0:15 0:20 0:19 0:12	(1.9) 38%	(0.0) 0%	RUN-14				
-102.1	100.9								-102.1	Coring Terminated at Elevation -102.1
										100.9

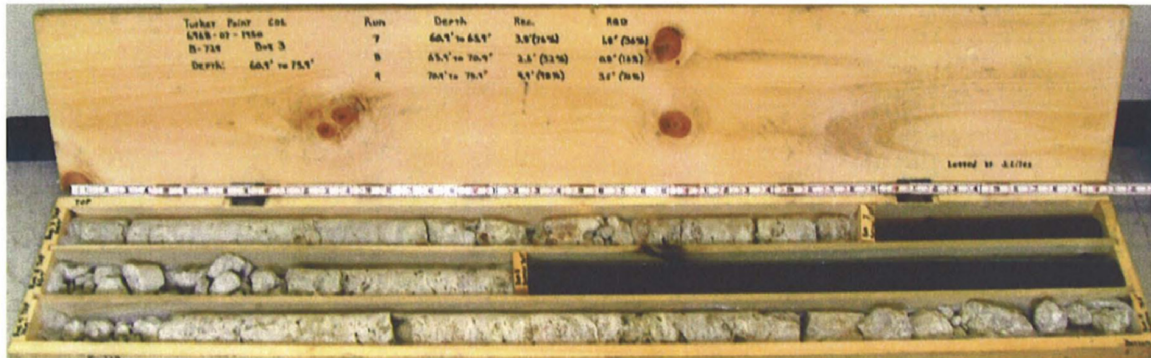
TURKEY POINT COL CORE TURKEY POINT.GPI TURKEY POINT COL.GDT 5/30/08



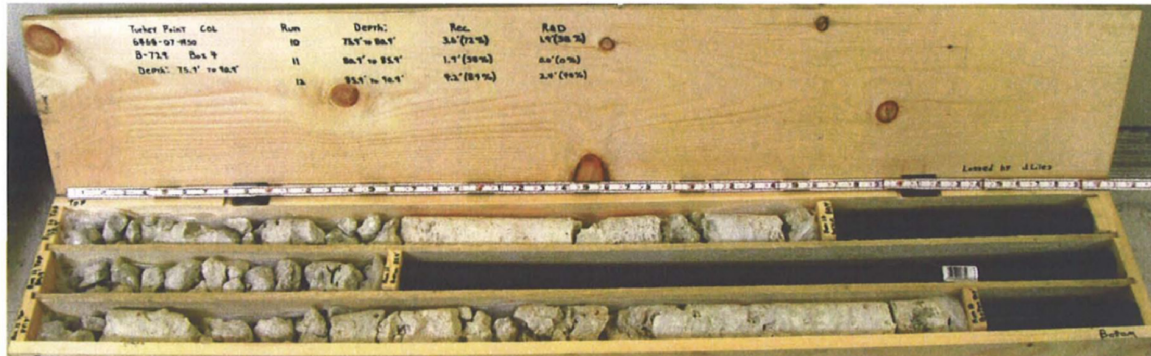
B-729 - Box 1



B-729 - Box 2



B-729 - Box 3



B-729 - Box 4