



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-730				DRILL METHOD: Mud Rotary/ Core				SAMPLE METHODS: SPT/Core				0 HR. NA	
GROUND ELEV.: -1.0 ft (NAVD88)				NORTHING: 396,868 US ft (NAD83/90)				EASTING: 875,621		US ft (NAD83/90)		24 HR. NA	
TOTAL DEPTH: 103.2 ft				CASING DEPTH: 4" to 20.0'						HAMMER (ID): 140 lb. Auto (MEC-03)			
DATE STARTED: 2/9/08		COMPLETED: 2/11/08		CORE SIZE: HQ3		CORE BARREL TYPE: Triple Tube Wireline (Split inner liners)							
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN REC (ft) %		SAMP. NO.	STRATA REC (ft) %		RQD (ft) %	L O G	DESCRIPTION AND REMARKS		
											Begin Coring @ 25.5 ft		
-26.5	25.5	2.6	0:47	(2.6)	(1.8)	RUN-1	(22.2)	(17.4)			LIMESTONE, boundstone, light gray (2.5Y7/1), hard, wet, strong HCl reaction, fossiliferous (Upper Fort Thompson Formation) (continued) 25.5ft: white (2.5Y8/1), hard, indurated, trace vugs, coralline 28.1ft: mottled pale yellow (2.5Y7/3), sand filled vugs		
-29.1	28.1		1:06	100%	69%		95%	75%					
		4.9	0:59/0.6	(4.7)	(3.4)	RUN-2					33.0ft: white (2.5Y8/1), to light brownish gray (2.5Y6/2), recrystallized calcite		
			1:52	96%	69%								
-34.0	33.0		0:31								37.3ft: light olive brown (2.5Y5/3) 38.1ft: light yellowish brown (2.5Y6/3)		
		4.3	0:46	(4.3)	(3.4)	RUN-3							
			1:35	100%	79%						43.1ft: light gray (2.5Y7/1) to 46.5ft, then gray (2.5Y5/1), recrystallized calcite in vugs, shell content increases with depth		
-38.3	37.3		1:55/0.9	(4.3)	(3.4)								
-39.1	38.1	0.8	0:04/0.3	(0.8)	(0.8)	RUN-4					48.1ft: light gray (5Y7/1) to 48.8ft		
		5.0	0:56	(0.8)	(0.8)	RUN-5							
			0:36	100%	100%						LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation)		
-44.1	43.1		1:19	(4.2)	(3.4)								
		5.0	1:38	(4.9)	(4.2)	RUN-6					53.2ft: trace vugs		
			1:28	98%	84%								
-49.1	48.1		1:19	(5.1)	(4.7)	RUN-7					58.2ft: medium hard 59.6ft: moderately hard		
		5.1	1:24	(5.1)	(4.7)		(40.1)	(20.4)					
-54.2	53.2		0:53	100%	92%		74%	38%			63.2ft: indurated		
		5.0	0:41/1.1	(4.2)	(2.2)	RUN-8							
			0:45	(4.2)	(2.2)						68.2ft: hard		
-59.2	58.2		0:32	84%	44%								
-60.6	59.6	1.4	1:02	(1.4)	(0.4)	RUN-9					70.0ft: Gas pocket encountered when retrieving inner barrel for Run 12. Drilling operations stopped and gas vented for approximately 0.5 hrs. Work resumed after no gas flow was detected at boring.		
		3.6	0:18	(3.6)	(2.5)	RUN-10							
			0:29	(3.6)	(2.5)						73.2ft: sandy		
-64.2	63.2		0:55/0.6	(2.4)	(0.4)	RUN-11							
		5.0	0:56	(2.4)	(0.4)						78.2ft: shell molds		
			0:18	48%	8%								
-69.2	68.2		0:16	(1.0)	(0.0)	RUN-12					78.2ft: shell molds		
		1.8	0:07	(1.0)	(0.0)								
-71.0	70.0		0:08	56%	0%	RUN-13					78.2ft: shell molds		
		3.2	0:11/0.2	(3.2)	(1.1)	RUN-14							
-74.2	73.2		0:31	(3.2)	(1.1)						78.2ft: shell molds		
		5.0	1:05	100%	34%								
			0:58	(4.6)	(4.0)	RUN-15					78.2ft: shell molds		
-79.2	78.2		1:01	(4.6)	(4.0)								
		5.0	0:53	(4.9)	(1.1)	RUN-16					78.2ft: shell molds		
			0:34	(4.9)	(1.1)								
-84.2	83.2		0:26	(4.9)	(1.1)						78.2ft: shell molds		
		5.0	0:39	(4.9)	(1.1)								
			0:47	(4.9)	(1.1)	RUN-17					78.2ft: shell molds		
-89.2	88.2		0:14	(4.9)	(1.1)								
		5.0	0:05	(4.9)	(1.1)						78.2ft: shell molds		
			0:21	(4.9)	(1.1)								
-94.2	93.2		0:23	(4.9)	(1.1)						78.2ft: shell molds		
		5.0	0:08	(4.9)	(1.1)								
			0:08	(4.9)	(1.1)	RUN-18					78.2ft: shell molds		
-99.2	98.2		0:35	(4.9)	(1.1)								
		5.0	0:11	(4.9)	(1.1)						78.2ft: shell molds		
			0:18	(4.9)	(1.1)								
			0:13	(4.9)	(1.1)						78.2ft: shell molds		
		5.0	0:20	(4.9)	(1.1)								
			0:14	(4.9)	(1.1)	RUN-19					78.2ft: shell molds		
-99.2	98.2		0:20	(4.9)	(1.1)								
		5.0	0:17	(4.9)	(1.1)						78.2ft: shell molds		
			0:16	(4.9)	(1.1)								
			0:16	(4.9)	(1.1)						78.2ft: shell molds		
		5.0	1:49	(4.9)	(1.1)								
				(4.9)	(1.1)						78.2ft: shell molds		
				(4.9)	(1.1)								

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

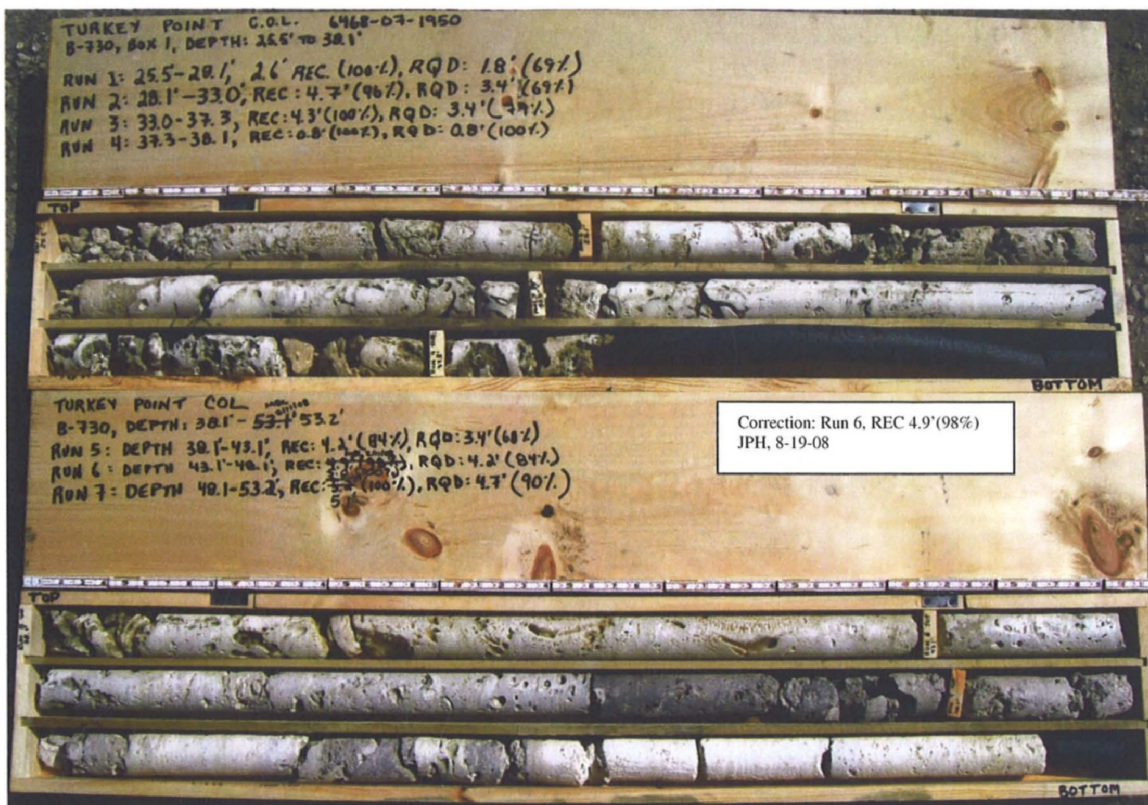


SHEET 2 OF 2

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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
-104.2	103.2		0.15 0.24 0.32							LIMESTONE, boundstone, white (2.5Y8/1), hard, indurated, fossiliferous, trace recrystallized calcite, strong HCl reaction (Lower Fort Thompson Formation) (continued) Coring Terminated at Elevation -104.2

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



B-730 - Box 1

B-730 - Box 2



B-730 - Box 3

B-730 - Box 4