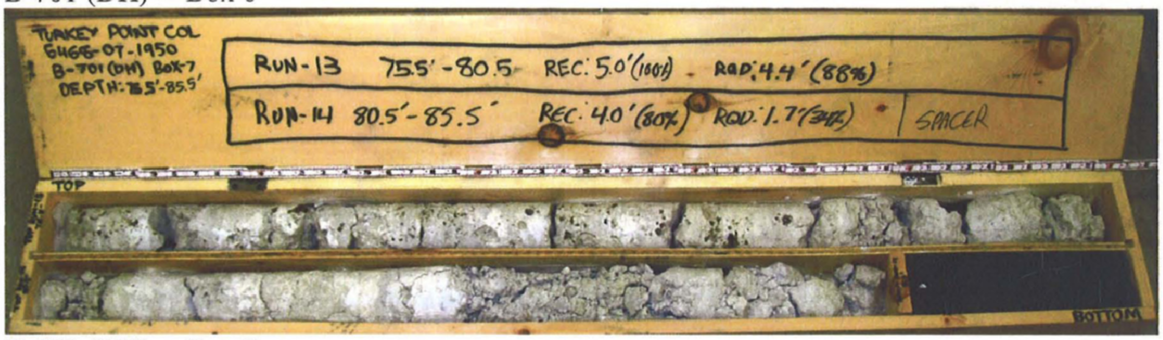
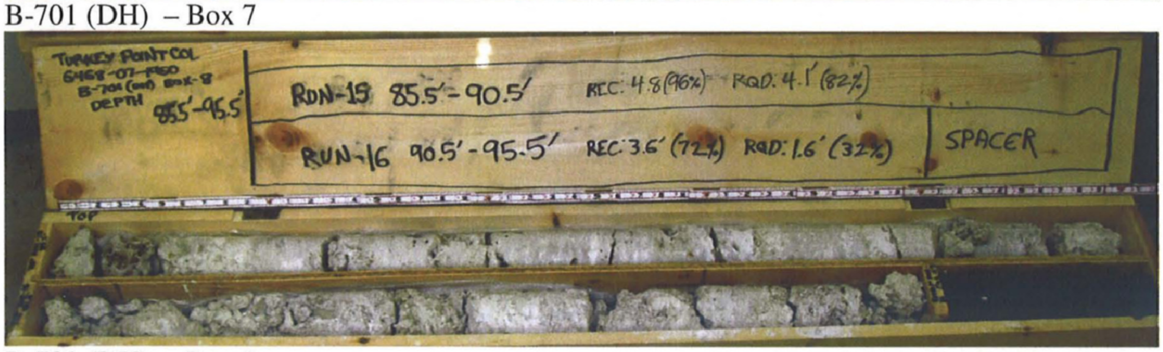
B-701 (DH) – Box 6

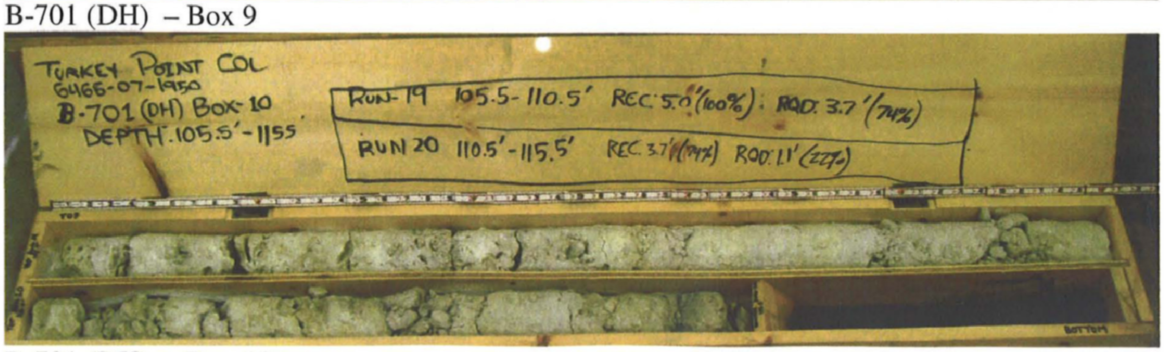


B-701 (DH) – Box 7

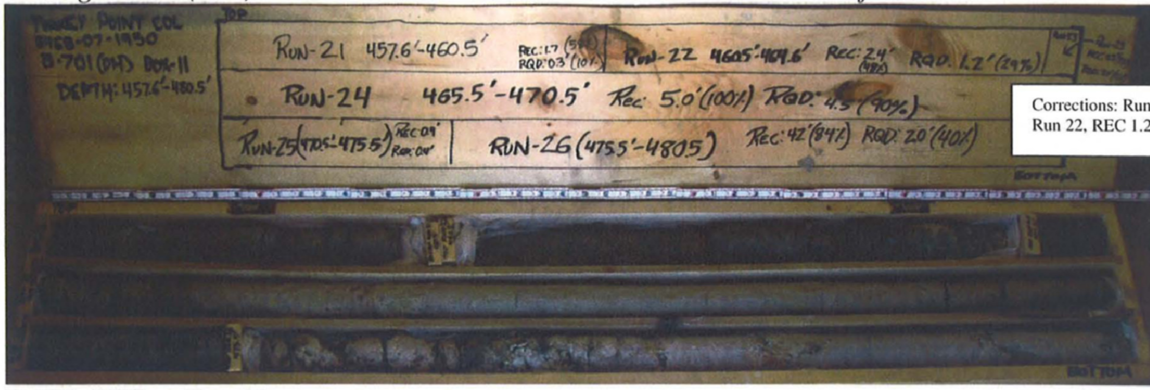


B-701 (DH) – Box 8

B-701 (DH) – Box 9

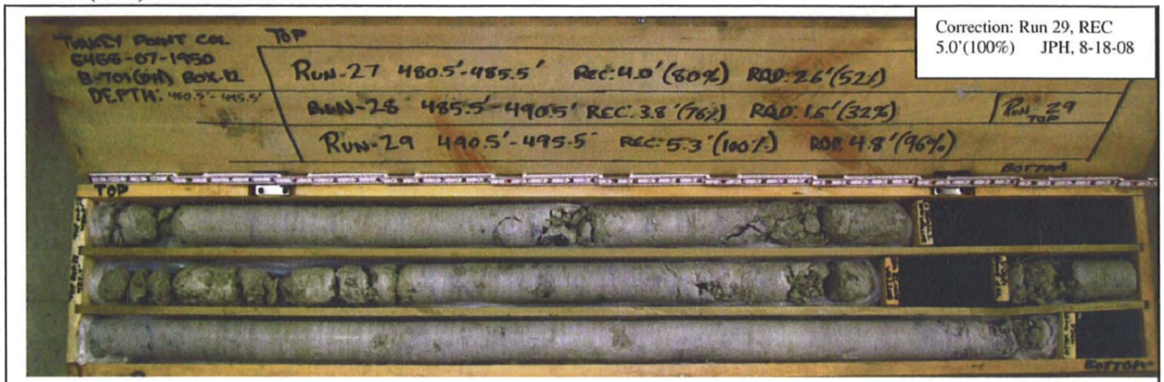


B-701 (DH) – Box 10



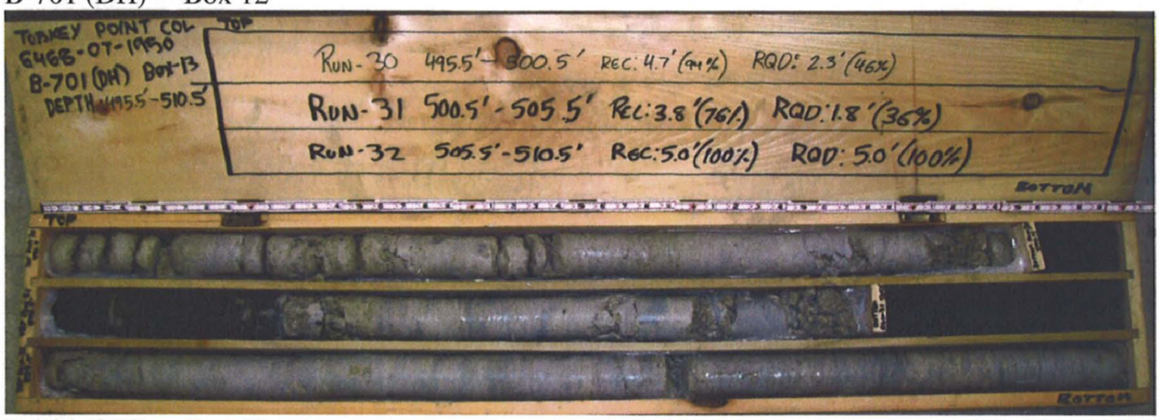
Corrections: Run 21, REC 1.7'(59%)
Run 22, REC 1.2'(59%) JPH 8-18-08

B-701 (DH) – Box 11

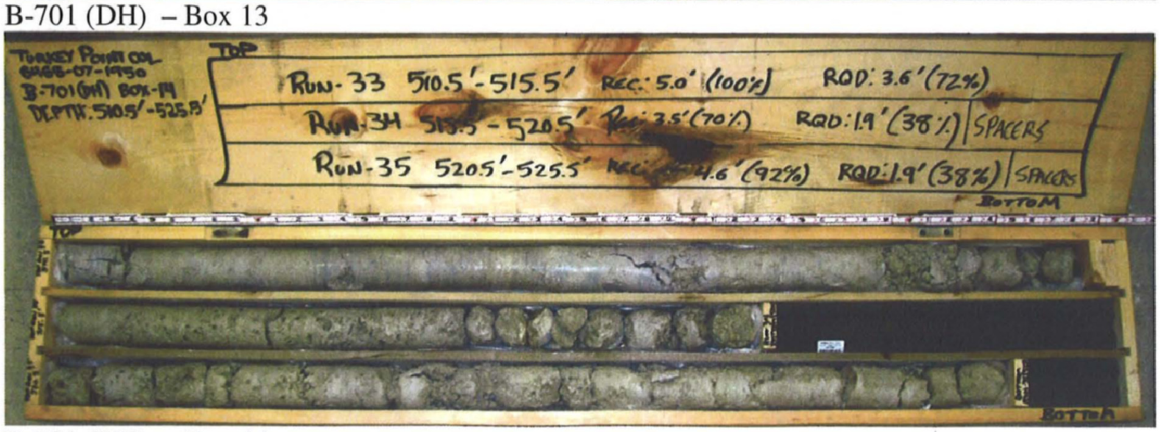


Correction: Run 29, REC
5.0'(100%) JPH, 8-18-08

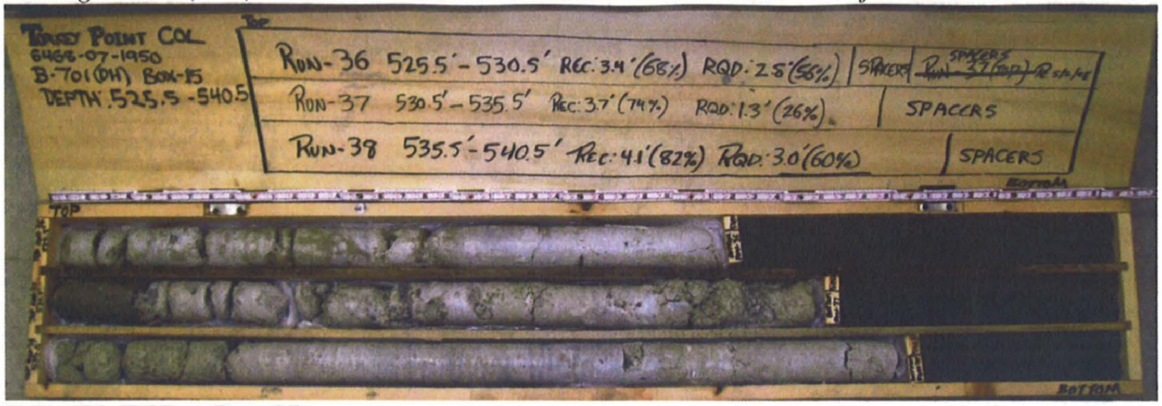
B-701 (DH) – Box 12



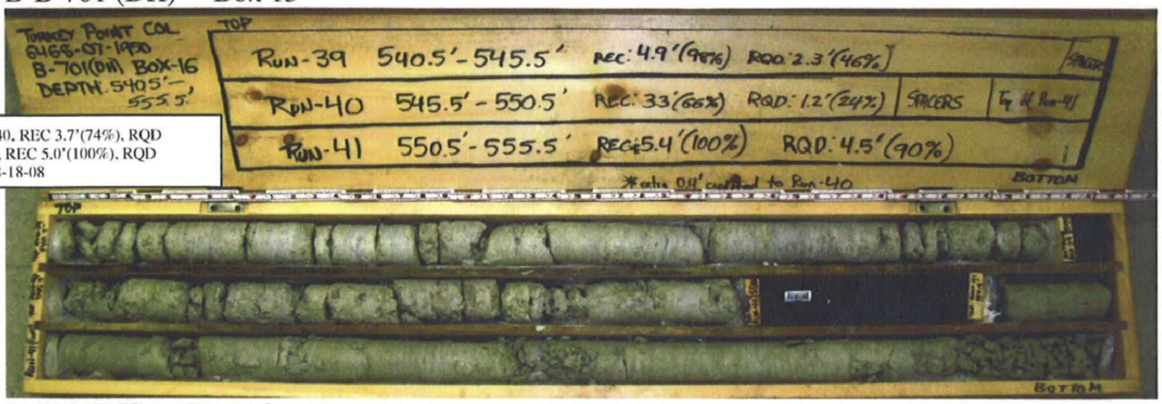
B-701 (DH) – Box 13



B-701 (DH) – Box 14

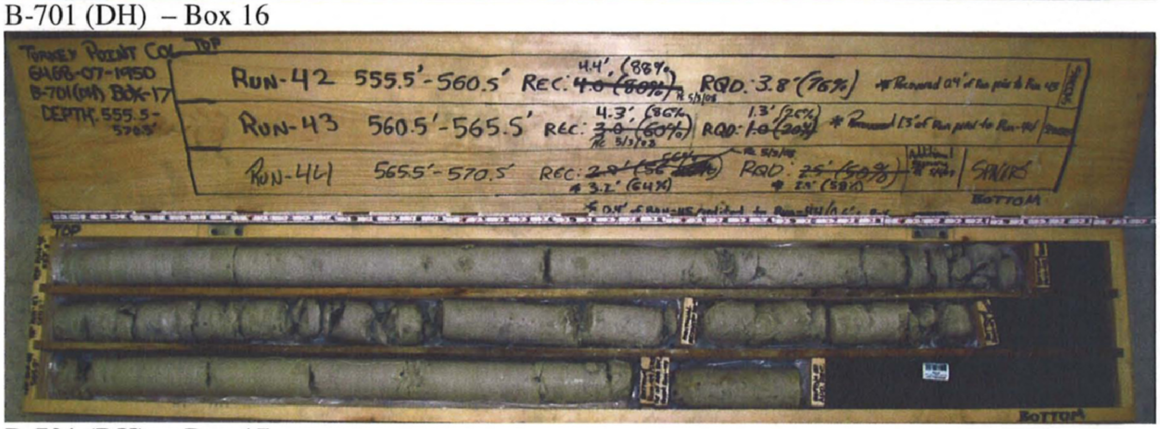


B-B-701 (DH) – Box 15



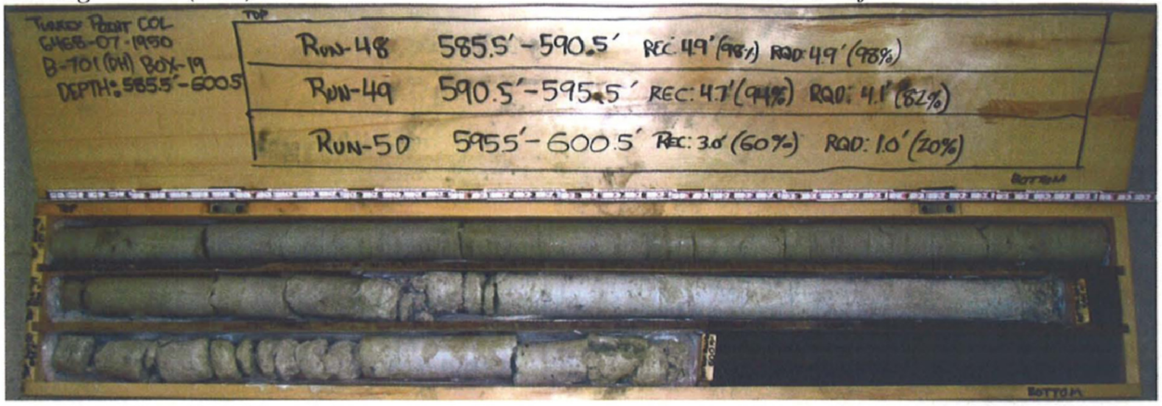
Corrections: Run 40, REC 3.7'(74%), RQD 1.6'(32%) Run 41, REC 5.0'(100%), RQD 4.1'(8.2%) JPH, 8-18-08

B-701 (DH) – Box 16



B-701 (DH) – Box 17

B-701 (DH) – Box 18



B-701 (DH) – Box 19

Corrections: Run 53, REC 2.0'(100%), RQD 1.6'(80%)
Run 54, REC 3.0'(100%), RQD 3.0'(100%) JPH, 8-18-08

B-701 (DH) – Box 20

MACTEC

GEOTECHNICAL BORING LOG
Prepared By ____ Date 5-30-08
Checked By ____ Date 5-30-08
SHEET 1 OF 3

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-702	DRILL METHOD: Mud Rotary/ Core	SAMPLE METHODS: SPT/Core	0 HR. NA
GROUND ELEV.: -1.2 ft (NAVD88)	NORTHING: 397,018 US ft (NAD83/90)	EASTING: 875,746 US ft (NAD83/90)	24 HR. NA
TOTAL DEPTH: 202.5 ft	BORING DIAMETER: 4" to 25.0', 3" to 202.5'	CASING DEPTH: 4" to 25.0', 3" to 122.9'	HAMMER (ID):140 lb. Auto (M06)
DATE STARTED: 2/26/08	COMPLETED: 3/6/08	CORE SIZE: HQ3	BITS USED: 2 7/8" Roller Cone

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT (0 20 40 60 80 100)	SAMP. NO.
-1.2					Ground Surface	
-1.2	0.0	WOH	WOH	WOH	0 (WOH)	702-1
-3.8	2.6	WOH	WOH	2	2	702-2A&B
-6.3	5.1	4	5	3	8	702-3
-8.6	7.4	34	21	5	26	702-4
-10.6	9.4	2	5	5	10	702-5
-13.5	12.3	8	33	20	53	702-6
-15.9	14.7	2	14	12	26	702-7
-22.2	21.0	1	1	3	4	702-8
-27.2	26.0	2	10	18	28	702-9
-32.2	31.0	5	10	11	21	702-10
-36.0	34.8					
-37.1	35.9	6	13	50/0.1	63/0.6	702-11, RUN-1
-40.1	38.9					RUN-2
-45.1	43.9					RUN-3
-50.1	48.9					RUN-4
-55.1	53.9					RUN-5
-60.1	58.9					RUN-6
-65.1	63.9					RUN-7
-70.1	68.9					RUN-8, 702-CS-01, 702-CS-02
-75.1	73.9					RUN-9

SEE LEGEND FOR ROCK HARDNESS CRITERIA BASED ON SPT DATA

SOIL AND ROCK DESCRIPTION

-1.2 — 0.0

MUCK, very dark grayish brown (10YR3/2), very soft, wet, strong HCl reaction, fibrous

-4.6 — 3.4

Clayey SAND (SC), light brownish gray (2.5Y/2), very loose, wet, fine to medium grained sand, strong HCl reaction, organics, little limestone fragments

-6.2 — 5.0

LIMESTONE, boundstone, pale yellow (2.5Y8/2), very soft, wet, strong HCl reaction, trace sand, fossiliferous, oolitic (Miami Formation)
7.4ft: soft
9.4ft: white (2.5Y8/1), very soft
12.3ft: moderately hard
14.7ft: soft, trace clay
21.0ft: very soft

-26.2 — 25.0

LIMESTONE, boundstone, white (2.5Y8/1), soft, wet, strong HCl reaction, trace sand (Upper Fort Thompson Formation)

-30.2 — 29.0

POORLY GRADED SAND with silt (SP-SM), light gray (5Y7/2), medium dense, wet, fine to coarse grained sand, fine gravel, few fines, strong HCl reaction, transitions to limestone at 35.8ft
Field notes do not indicate that 702-11 was split into separate jars
35.9ft: Switch sample method to coring

-37.0 — 35.8

LIMESTONE, boundstone, white (2.5Y8/1), hard, extremely indurated, strong HCl reaction, coralline, few vugs
38.9ft: trace shell fragments, fossiliferous
42.0ft: loss of circulation
43.9ft: light gray (10YR7/1) to 47.4ft

-48.6 — 47.4

LIMESTONE, boundstone, white (2.5Y8/1), hard, extremely indurated, fossiliferous, some vugs, strong HCl reaction (Lower Fort Thompson Formation)
53.9ft: medium hard to moderately hard, moderately indurated to indurated, trace vugs
54.0 to 55.0ft: soft zone
58.9ft: moderately hard, moderately indurated, little vugs
63.9ft: light gray (5Y7/1), hard, indurated, few vugs
65.0 to 69.0ft: soft zone
68.9ft: white (2.5Y8/1), moderately hard, some vugs

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