MACTEC



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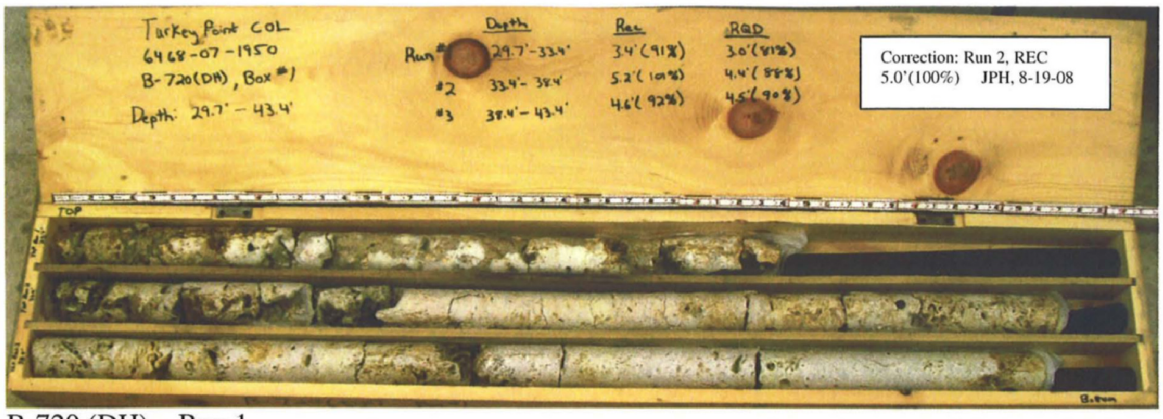
| BECHTEL PROJECT NO.: 25409 | MACTEC PROJECT NO.: 6468-07-1950 | COUNTY: Miami-Dade | GEOLOGIST: B. Taylor |
| SITE DESCRIPTION: Turkey Point COL | DRILL MACHINE: CME-550X (ATL) | DRILLER: R. Landeros/ N. Rodriguez | GROUND WATER (ft) |
| BORING NO.: B-720(DH) | DRILL METHOD: Mud Rotary/ Core | SAMPLE METHODS: SPT/Core | 0 HR. NA |
| GROUND ELEV.: -0.9 ft (NAVD88) | NORTHING: 397,397 US ft (NAD83/90) | EASTING: 875,791 US ft (NAD83/90) | 24 HR. NA |
| TOTAL DEPTH: 204.9 ft | CASING DEPTH: 4" to 118.4' | | HAMMER (ID): 140 lb. Auto (MEC-05) |
| DATE STARTED: 4/5/08 | COMPLETED: 4/8/08 | CORE SIZE: HQ3 | CORE BARREL TYPE: Triple Tube Wireline (Split inner liners) |

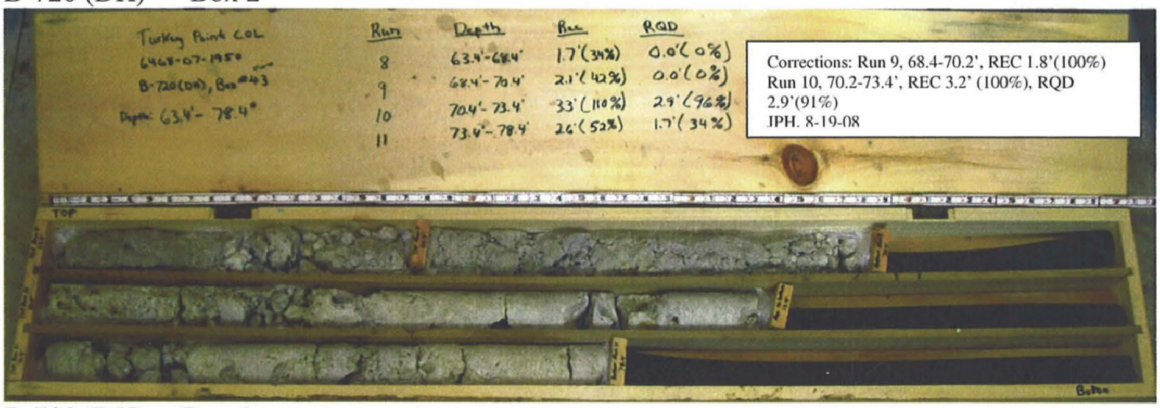
| ELEV. (ft) | DEPTH (ft) | RUN (ft) | DRILL RATE (Min/ft) | RUN REC. (ft) % | RUN RQD (ft) % | SAMP. NO. | STRATA REC. (ft) % | STRATA RQD (ft) % | LOG | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Continued from previous page |
| | | | 0:39<br>0:32<br>0:28<br>0:19 | 76% | 70% | | | | | LIMESTONE, boundstone, white (10YR8/1), moderately hard, moderately indurated, little vugs, fossiliferous, strong HCl reaction, few to some shell molds and casts *(continued)* |
| -109.3 | 108.4 | | | | | | | | | |
| | | 5.0 | 0:26<br>0:22<br>0:19<br>1:37<br>0:39 | (0.2)<br>4% | (0.0)<br>0% | RUN-18 | | | | 108.4ft: soft to moderately hard, friable to moderately indurated |
| -114.3 | 113.4 | | | | | | | | | -113.9 — 113.0 |
| | | 5.0 | 0:25<br>0:21<br>0:10<br>0:11<br>0:11 | (0.7)<br>14% | (0.0)<br>0% | RUN-19 | (0.7)<br>13% | (NA) | | POORLY GRADED SAND with silt (SP-SM), light gray (10YR7/1), medium dense, wet, fine to coarse grained sand, some shell fragments, strong HCl reaction, with soft, friable to moderately indurated cemented sand layers (Tamiami Formation) |
| -119.3 | 118.4 | | | | | | | | | -119.3 — 118.4 |
| | | | | | | | | | | Coring Terminated at Elevation -119.3 |

TURKEY POINT COL CORE TURKEY POINT.GPJ TURKEY POINT COL.GDT 8/19/08



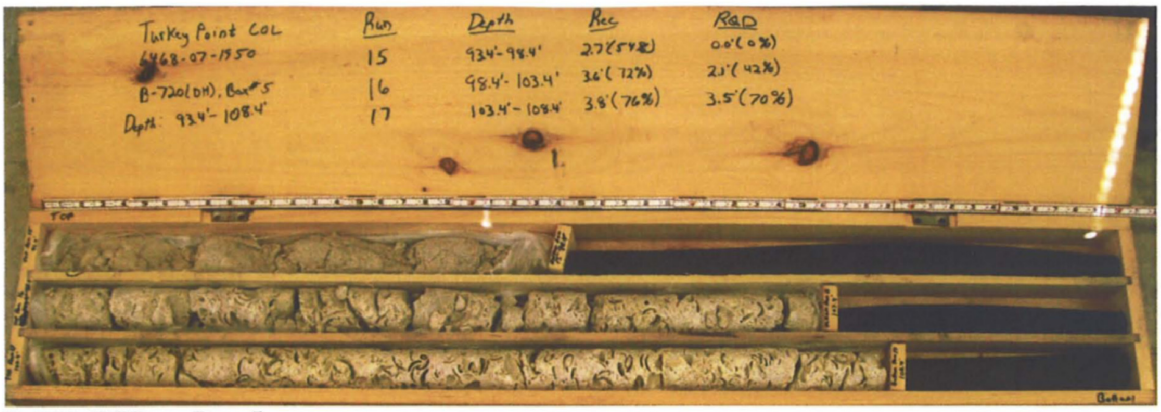

B-720 (DH) – Box 1

B-720 (DH) – Box 2




B-720 (DH) – Box 3

B-720 (DH) – Box 4




B-720 (DH) – Box 5

B-720 (DH) – Box 6