

| DIVISION | | INSTALLATION | | SHEET | | |
|--|-------|--|--|------------------------------------|------------|--|
| South Atlantic | | Jacksonville District | | 1 | | |
| 1. PROJECT | | 10. SIZE AND TYPE OF BIT | | | | |
| Lee County Beach Erosion | | see remarks | | | | |
| 2. LOCATION (Coordinates or Station) | | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL) | | | | |
| X=434,489 Y=798,781 | | MLW | | | | |
| 3. DRILLING AGENCY | | 12. MANUFACTURER'S DESIGNATION OF DRILL | | | | |
| Corps of Engineers | | Sprague & Henwood 40-C | | | | |
| 4. HOLE NO. (As shown on drawing title and file number) | | 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN | | 14. TOTAL NUMBER CORE BOXES | | |
| CB-12 | | DISTURBED | | 1 | | |
| 5. NAME OF DRILLER | | 15. ELEVATION GROUND WATER | | 16. DATE HOLE | | |
| J. Gore | | Tidal | | STARTED 7/5/67 COMPLETED 7/5/67 | | |
| 6. DIRECTION OF HOLE | | 17. ELEVATION TOP OF HOLE | | 18. TOTAL CORE RECOVERY FOR BORING | | |
| <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT. | | -15.2 | | 50 % | | |
| 7. THICKNESS OF OVERBURDEN | | 19. Geologist: J. Gentile | | | | |
| 8. DEPTH DRILLED INTO ROCK | | | | | | |
| 9. TOTAL DEPTH OF HOLE | | | | | | |
| 24.5' | | | | | | |
| ELEVATION | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description) | % CORE RECOVERY | SAMPLE NO. | REMARKS (Drilling time, water lost, depth of weathering, etc., if significant) |
| -15.2 | 0.0 | | | | | Bls/ft. |
| -16.7 | 1.5 | | SILT, slightly sandy, gray, slightly shelly, seams silty sand (ML) | 0 | | -15.2 2" I.D. Spoon 1/2 |
| | | | | 40 | 1 | -16.7 1/2 PUSHED |
| | | | silty sand (SM) from -15.2 to -16.7 | | | |
| | | | | | | -21.7 |
| -23.7 | 8.5 | | | | 2 | " " 2 |
| -24.7 | 9.5 | | SAND, fine quartz, silty, light gray, shelly (SM) | 52 | 3 | " " 2 |
| -25.7 | 10.3 | | bed medium hard limestone from -9.5 to -10.5 | | | -26.7 12 |
| | | | very shelly, slightly silty to silty from -25.7 to -33.7 | 100 | 4 | " " 8 |
| | | | | | | -31.7 6 |
| | | | | 28 | 5 | " " 2 |
| | | | | | | -36.7 1 |
| -37.6 | 22.4 | | LIMESTONE, medium hard, porous, thin bedded solution holes, very fossiliferous, gray, hard limestone from -39.2 to -39.7 | 30 | | -39.7 42 |
| -39.2 | 24.0 | | | | | 100 |
| -39.7 | 24.5 | | | | | 300# Hammer with 18" drop used on 2" I.D. x 2-1/2" O.D. Spoon |

ENG FORM 1836

PREVIOUS EDITIONS MAY BE USED (EM 1170-1-1801)

PROJECT Lee County Beach Erosion

HOLE NO. CB-12