

| Drilling Log | | | | 1 of 2 Sheets | | |
|---|--|--|--|--|--|---|
| 1. Project Martin County Shore Protection Project | | | | 10. Size and Type of Bit | | |
| 2. Location 776319.0E 1046976.0N | | | | 11. Datum for Elevation Shown (TDM or MSL) NGVD * | | |
| 3. Drilling Agency Alpine Ocean Seismic Survey, Inc. | | | | 12. Manufacturer's Designation of Drill Vibracore | | |
| 4. Hole No. (As shown on drawing site) ATM D/DR2 | | | | 13. Total No. of Overburden Samples Taken | | Disturbed <input type="checkbox"/> Undisturbed <input type="checkbox"/> |
| 5. Name of Driller Chris Moore | | | | 14. Total No. of Core Boxes 2 | | |
| 6. Direction of Hole <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Inclined _____ Degree from Vertical | | | | 15. Elevation Ground Water Tidal | | |
| 7. Thickness of Overburden | | | | 16. Date Hole 11/20/93 | | Started 11/20/93 Completed 11/20/93 |
| 8. Depth Drilled into Rock | | | | 17. Elevation Top of Hole -23.1 | | |
| 9. Total Depth of Hole 14.1 | | | | 18. Total Core Recovery for Boring % | | |
| 19. Signature of Inspector | | | | | | |

| Elevation <small>a</small> | Depth <small>b</small> | Legend <small>c</small> | Classification of Materials (Description) <small>d</small> | % Core Recovery <small>e</small> | Box or Sample No. <small>f</small> | Remarks (Drilling time, water loss, depth of weathering, if significant) <small>g</small> |
|-------------------------------|---------------------------|----------------------------|---|-------------------------------------|---------------------------------------|---|
| -23.1 | 0 | SP | Medium to coarse, shelly sand; brown | | ① | |
| -25.1 | 2 | | | | ② | 2 ft |
| -27.1 | 4 | SP | Medium to coarse, shelly sand | | ③ | 4 ft |
| -29.1 | 6 | | | | ④ | 6 ft |
| -31.1 | 8 | | Medium to coarse, gray, shelly sand | | ⑤ | 8 ft |
| -33.1 | 10 | | | | ⑥ | 10 ft |

ENG FORM 1836

Project:

Hole No.

* Elevation shown is based on actual tide at Mayport and adjusted for Seminole Shores.

01000-K27

| Drilling Log (Cont Sheet) | | Elevation Top of Hole -23.1 | | Hole No. ATM D/DR2 | | |
|---------------------------|-------|-----------------------------|---|--------------------|-------------------|--|
| Project ATM | | Installation | | Sheet of 2 2 | | |
| Elevation | Depth | Legend | Classification of Materials (Description) | % Core Recovery | Box or Sample No. | Remarks (Drilling time, water loss, depth of weathering, if significant) |
| a | b | c | d | e | f | g |
| -33.1 | 10 | SP | Fine sand; poorly graded; less shelly (18%); gray | | (6) | 12 ft |
| | 11 | SW | Fine to coarse sand; very shelly; shellys highly fragmented; brown at top grades into gray at bottom; very shelly (70% carbonate) from 11.9 ft to 12.1 ft | | | |
| -35.1 | 12 | SW | Medium to coarse sand; dark gray; very shelly (50%); shell lag at 12.7 ft (large shells) | | (7) | |
| | 13 | SP | Fine sand; poorly graded; gray; only scattered mollusk shells (<10%); interbedded; local coarse, shelly sand | | 8 | 14 ft |
| -37.1 | 14 | | Bottom ATM D | | | |
| | 12 | | Top ATM DR2 | | 9 | 12 ft |
| | 13 | SP | Fine to medium, shelly sand | | | 14 ft |
| -36.9 | 14 | SP | Fine to medium, gray sand; some coarse sand and shells | | 10 | |
| | 15 | | | | | 16 ft |
| -38.9 | 16 | SW | Fine to medium sand; some coarse, shelly sand; shell lag at 16.6 ft | | 11 | |
| | 17 | SP | Fine to medium shelly sand | | | |
| -40.3 | 18 | | Bottom 17.4 ft | | | |