

| Drilling Log | | 1 of 2 Sheets | | | | |
|--|--|---|--|-------------|--|--|
| 1. Project | | Martin County Shore Protection Project | | | | |
| 2. Location | | 775489.2E 1048260.1N | | | | |
| 3. Drilling Agency | | Alpine Ocean Seismic Survey, Inc. | | | | |
| 4. Hole No. (As shown on drawing title) | | ATM 10/10R2 | | | | |
| 5. Name of Driller | | Chris Moore | | | | |
| 6. Direction of Hole | | <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Inclined _____ Degree from Vertical | | | | |
| 7. Thickness of Overburden | | | | | | |
| 8. Depth Drilled Into Rock | | | | | | |
| 9. Total Depth of Hole | | 12.7 ft | | | | |
| 10. Size and Type of Bit | | | | | | |
| 11. Datum for Elevation Shown (TDM or MSL) | | NGVD | | | | |
| 12. Manufacturer's Designation of Drill | | Vibracore | | | | |
| 13. Total No. of Overburden Samples Taken | | Disturbed | | Undisturbed | | |
| 14. Total No. of Core Boxes | | 2 | | | | |
| 15. Elevation Ground Water | | Tidal | | | | |
| 16. Date Hole | | Started | | Completed | | |
| | | 11/19/93 | | 11/19/93 | | |
| 17. Elevation Top of Hole | | -21.15 | | | | |
| 18. Total Core Recovery for Boring | | % | | | | |
| 19. Signature of Inspector | | | | | | |

| 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 |
| -21.15 | 0 | SP | Medium to coarse sand, angular; black to brown; very shelly; shells highly fragmented | | 1 | |
| | 1 | | | | | |
| | 2 | SP | | | 2 | 2.7 ft |
| -23.85 | 3 | | | | | |
| | 4 | SP | Graduated contact | | 3 | 4 ft |
| -25.15 | 5 | | | | | |
| | 6 | SP | Medium sand; coarse below 5.0 ft; less shelly at top; very shelly toward bottom; gray; shells highly fragmented | | 4 | 6 ft |
| -27.15 | 7 | | | | | |
| | 8 | SP | Sharp contact | | 5 | 7 ft |
| -28.15 | 9 | | | | | |
| | 10 | SP | Fine to medium sand; less shelly; poorly graded; gray; increasingly coarse and shelly toward 8.5 ft | | 6 | 8 ft |
| -29.15 | 11 | | | | | |
| | 12 | SP | Graduated contact | | 7 | |
| -31.15 | 13 | | | | | |
| | 14 | SP | Medium to coarse sand; very shelly; color change to brown at 8.9 ft | | 8 | |
| | 15 | | | | | |

| Drilling Log (Cont Sheet) | | Elevation Top of Hole -21.15 | | Hole No. ATM 10/10R2 | | |
|---------------------------|------------|------------------------------|---|-------------------------|---------------------------|---|
| Project ATM | | Installation | | | Sheet of 2 2 Sheets | |
| Elevation a | Depth b | Legend c | Classification of Materials (Description) d | % Core Recovery e | Box or Sample No. f | Remarks (Drilling time, water loss, depth of weathering, if significant) g |
| -31.15 | 10 | SP | Medium to fine, gray sand; shell fragments and shell layers | | | |
| -33.15 | 12 | SW | Fine, gray sand mixed with coarse shell | | 8 | 12 ft |
| -33.85 | | | Bottom ATM 10 | | | |
| -32.05 | 11 | | Top ATM 10/10R2 | | 9 | 11 ft |
| | 12 | SW | Medium to coarse sand; shelly (40% carbonate); well graded; gray; interbedded fine sands; shells highly fragmented | | | |
| -34.45 | | SP | Fine sand, poorly graded; gray; interbedded coarse, shelly sand at 14.2 ft to 14.4 ft; slight coarsening in sand at 14.8 ft; 10% silt | | 10 | 13.4 ft |
| -35.05 | 14 | | | | 11 | 14 ft |
| | 15 | | Interbed of coarse, black sand at 15.0 ft to 16.0 ft | | | |
| -37.05 | 16 | SP | Interbed of coarse, shelly sand at 16.0 ft to 17.0 ft | | 12 | 16 ft |
| -38.05 | 17 | SP | Interbed of large mollusk fragments; shelly sand at 17.2 ft to 17.4 ft | | | 20% carbonate at 16.0 ft to 17.0 ft |
| -39.05 | 18 | | | | 13 | 18 ft |
| | 19 | | Bottom 18.4 ft | | | |