

| DRILLING LOG   |  | DIVISION |  | INSTALLATION  |  | Hole No. DCG 99-21 |  |
|--|--|----------|--|---|--|--------------------|--|
| 1. PROJECT<br>Dade County Deepwater Geotechnical Study   |  |          |  | 10. SIZE AND TYPE OF BIT 4" Gravity Core                                      |  |                    |  |
| 2. LOCATION (Coordinates or Station)<br>X=961078.800 Y=489144.900                                      |  |          |  | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL)<br>MLLW                            |  |                    |  |
| 3. DRILLING AGENCY<br>SEA, Inc./Alpine OSS   |  |          |  | 12. MANUFACTURER'S DESIGNATION OF DRILL<br>Alpine Gravity Core                |  |                    |  |
| 4. HOLE NO. (As shown on drawing title and file number)<br>DCG 99-21                                   |  |          |  | 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN<br>disturbed: 1      undisturbed: 0 |  |                    |  |
| 5. NAME OF DRILLER<br>Alpine OSS   |  |          |  | 14. TOTAL NUMBER OF CORE BOXES  |  |                    |  |
| 6. DIRECTION OF HOLE<br><input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED |  |          |  | 15. ELEVATION GROUND WATER  |  |                    |  |
| 7. THICKNESS OF BURDEN 0 Ft.   |  |          |  | 16. DATE HOLE STARTED COMPLETED<br>12-14-99    12-14-99                       |  |                    |  |
| 8. DEPTH DRILLED INTO ROCK 0 Ft.   |  |          |  | 17. ELEVATION TOP OF HOLE -277.9 Ft.  |  |                    |  |
| 9. TOTAL DEPTH OF HOLE 3.6 Ft.   |  |          |  | 18. TOTAL CORE RECOVERY FOR BORING %  |  |                    |  |
|  |  |          |  | 19. SIGNATURE OF G. ZARILLO, SEA, INC.  |  |                    |  |

  

| ELEV.  | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS<br>(Description)                        | CORE<br>REC<br>% | SAMPLE<br>NUMBER | REMARKS                                |
|--------|-------|--------|---|------------------|------------------|--|
| -277.9 | .0    |        | Pale brown-light grey fine silty carbonate sand. 10 YR 8/1-8/2 (SM) | 100              |                  | -277.9                                 |
|        |       |        |   |                  | 2.0              | Scattered shell fragments to 1/2 inch. |
| -281.5 | 3.6   |        |   |                  |                  | -281.5                                 |
|        |       |        |   |                  |                  | Mud content 4-10%                      |
|        |       |        |   |                  |                  | Composite 0-3.6 ft.                    |