

| DRILLING LOG   |       | DIVISION |   | INSTALLATION  |                  | SHEET 1<br>OF 1                       |      |
|--|-------|----------|---|---|------------------|---------------------------------------|------|
| 1. PROJECT<br>Dade County Deepwater Geotechnical Study   |       |          |   | 10. SIZE AND TYPE OF BIT 4" VIBRACORE   |                  |                                       |      |
| 2. LOCATION (Coordinates or Station)<br>X=958591.300 Y=505276.800                                      |       |          |   | 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>PNEUMATIC VIBRACORE                |                  |                                       |      |
| 4. HOLE NO. (As shown on drawing title and file number)<br>DCV 99-7                                    |       |          |   | 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>12-10-99 12-10-99                          |                  |                                       |      |
| 8. DEPTH DRILLED INTO ROCK 0 Ft.   |       |          |   | 17. ELEVATION TOP OF HOLE -161.9 Ft.  |                  |                                       |      |
| 9. TOTAL DEPTH OF HOLE 3.0 Ft.   |       |          |   | 18. TOTAL CORE RECOVERY FOR BORING 56 %                                       |                  |                                       |      |
|  |       |          |   | 19. SIGNATURE OF G. ZARILLO, SEA, INC   |                  |                                       |      |
| ELEV.  | DEPTH | LEGEND   | CLASSIFICATION OF MATERIALS<br>(Description)  | CORE<br>REC<br>%  | SAMPLE<br>NUMBER | REMARKS                               |      |
| -161.9   | .0    |          |   |   |                  | -161.9                                | 0    |
| -163.0   | 1.1   |          | Pale brown medium to coarse carbonate sand, large rock fragments to 4 inches. 10 YR 8/3 (SP-GW) | 100   | 0.5              | Large reef rock fragment, 0.3-0.7 ft. |      |
| -163.6   | 1.7   |          | Brown to pale brown carbonate sand, large rock fragments. 10 YR 8/3 (SP-GW)                     | 0   |                  | Large reef rock fragment, 1.1-1.4 ft. |      |
| -164.9   | 3.0   |          | Penetration depth   |   |                  | -164.9                                | 2.5  |
|  |       |          |   |   |                  |                                       | 5    |
|  |       |          |   |   |                  |                                       | 7.5  |
|  |       |          |   |   |                  |                                       | 10   |
|  |       |          |   |   |                  |                                       | 12.5 |
|  |       |          |   |   |                  |                                       | 15   |
|  |       |          |   |   |                  |                                       | 17.5 |
|  |       |          |   |   |                  |                                       | 20   |
|  |       |          |   |   |                  |                                       | 22.5 |