

| DRILLING LOG | | DIVISION | | INSTALLATION | | SHEET 1 OF 1 | |
|--|--|----------|--|--|--|--------------|--|
| 1. PROJECT Baldwin County, AL: Olsen Associates | | | | 10. SIZE AND TYPE OF BIT 4" VIBRACORE | | | |
| 2. LOCATION (Coordinates or Station) X=1916539.350 Y=83484.760 | | | | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLW | | | |
| 3. DRILLING AGENCY AOSS/Olsen Associates, Inc. | | | | 12. MANUFACTURER'S DESIGNATION OF DRILL ALPINE PNEUMATIC VIBRACORE | | | |
| 4. HOLE NO. (As shown on drawing title and file number) BC-135 | | | | 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 3 undisturbed: 0 | | | |
| 5. NAME OF DRILLER G. Wiegman/A. Browder | | | | 14. TOTAL NUMBER OF CORE BOXES 2 | | | |
| 6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | | 15. ELEVATION GROUND WATER | | | |
| 7. THICKNESS OF BURDEN 0 Ft. | | | | 16. DATE HOLE STARTED COMPLETED 12-16-02 12-16-02 | | | |
| 8. DEPTH DRILLED INTO ROCK 0 Ft. | | | | 17. ELEVATION TOP OF HOLE -29.1 Ft. | | | |
| 9. TOTAL DEPTH OF HOLE 18.9 Ft. | | | | 18. TOTAL CORE RECOVERY FOR BORING 100 % | | | |
| 19. SIGNATURE OF G. Zarillo, SEA, Inc. | | | | | | | |

| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description) | CORE REC % | SAMPLE NUMBER | REMARKS |
|-------|-------|--------|---|------------|---------------|----------------------|
| -29.1 | .0 | | | | | -29.1 |
| -30.0 | .9 | | Light gray fine quartz sand, abundant shell fragments and whole shells in fine to medium gravel range. 10 YR 7.5/0.5-8/0.5 (SP) | | | |
| -31.1 | 2.0 | | Very light gray to fine quartz sand, gray to white shell fragments in medium to coarse gravel range. 10 YR 8/0.5 (SP) | 100 | 10 | |
| -33.7 | 4.6 | | Medium gray fine quartz sand, trace of silt, scattered shell fragments in fine gravel range. 10 YR 7/0.5-7.5/0.5 (SP) | | | -34.1 |
| -35.8 | 6.8 | | Light gray fine quartz sand, trace of silt and clay in collapsed burrow structures. 10 YR 8/0.5-8.5/0.5 (SP) | | | |
| -39.6 | 10.5 | | White medium to fine quartz sand, scattered white shell fragments in fine gravel range. 10 YR 8.5/0.5-9/0.5 (SP) | 100 | 8.0 | |
| -43.8 | 14.8 | | White medium to fine quartz sand, few large whole shells in coarse gravel range, scattered layers of white shell fragments in fine to medium gravel range. 10 YR 8.5/0.5-9/0.5 (SP) | 100 | 12.0 | |
| -46.4 | 17.3 | | Tannish gray to yellowish gray medium quartz sand, very abundant shell fragments in fine to coarse gravel range, trace of silt. 10 YR 7.5/2-7.5/2.5 (SW) | 100 | | -44.1 |
| -47.4 | 18.3 | | Gray silt and sand. 10 YR 7/0.5 (SM) | | | |
| -48.0 | 18.9 | | Gray to yellowish gray clay and silt. 10 YR 7/1-7/2.5 (CL) | | | -48.0 |
| | | | | | | Composite 0-13.0 ft. |
| | | | | | | Final 4/1/03 |