

| 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=1931030.190 Y=88529.550 | | | | 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-23 | | | | 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0 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 12-3-02 12-3-02 | | | |
| 8. DEPTH DRILLED INTO ROCK 0 Ft. | | | | 17. ELEVATION TOP OF HOLE -27.3 Ft. | | | |
| 9. TOTAL DEPTH OF HOLE 19.2 Ft. | | | | 18. TOTAL CORE RECOVERY FOR BORING 98 % | | | |
| | | | | 19. SIGNATURE OF G. Zerillo, SEA, Inc. | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description) | CORE REC % | SAMPLE NUMBER | REMARKS | |
| -27.3 | .0 | | | | | -27.3 | 0 |
| -28.8 | 1.5 | | Brownish gray fine quartz sand, very abundant shell fragments and whole shells in fine to coarse gravel range. 10 YR 7/2 (SW) | | | | |
| -30.3 | 3.0 | | Brownish gray medium to fine quartz sand, scattered shell fragments in fine to medium gravel range, trace of silt. 10 YR 7/1.5 (SP) | 100 | | | 2.5 |
| -32.0 | 4.7 | | Light gray medium to fine quartz sand, silt and clay inclusions in burrow structures. 10 YR 7.5/0.5-8/0.5 (SP) | | | -32.3 | 5 |
| -33.3 | 6.0 | | Tannish gray to light gray fine sand, few large shells and shell fragments, silt and clay in burrow structures. 10 YR 7/2-7.5/0.5 (SP) | | | | |
| | | | Dark gray clay. 10 YR 5.5/0.5 (CL) | 100 | | | 7.5 |
| | | | | | | -37.3 | 10 |
| -39.6 | 12.3 | | Dark gray clay and thin layers of light gray fine quartz sand. 10 YR 5.5/0.5 (CL) | 100 | | | 12.5 |
| -41.7 | 14.4 | | | | | | |
| -42.2 | 14.9 | | White fine quartz sand. 10 YR 9/0.5 (SP) | | | -42.3 | 15 |
| -42.8 | 15.5 | | Dark gray clay. 10 YR 5.5/0.5 (CL) | | | | |
| | | | Light tannish gray fine quartz sand. 10 YR 7.5/1.5 (SP) | | | | |
| | | | Gray to tannish gray silty fine quartz sand, few thin layers of dark gray clay. 10 YR 7/0.5-7/2 (SM) | 100 | | | 17.5 |
| -46.5 | 19.2 | | | | | -46.5 | 20 |
| | | | | | | Composite 0-4.0 ft. | |
| | | | | | | Final 5/1/03 | |
| | | | | | | | 22.5 |