

| 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=1868994.740 Y=71017.640 | | | 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-48 | | | 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 1 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 12-7-02 12-7-02 | | | |
| 8. DEPTH DRILLED INTO ROCK 0 Ft. | | | 17. ELEVATION TOP OF HOLE -29.6 Ft. | | | |
| 9. TOTAL DEPTH OF HOLE 18.9 Ft. | | | 18. TOTAL CORE RECOVERY FOR BORING 99 % | | | |
| 9. SIGNATURE OF G. Zarillo, SEA, Inc. | | | | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description) | CORE REC % | SAMPLE NUMBER | REMARKS |
| -29.6 | .0 | | Tannish gray fine quartz sand, abundant shell fragments in fine to medium gravel range, scattered large whole shells in coarse gravel range. 10 YR 7/1-7.5/1 (SP) | 100 | 10 | -29.6 |
| -32.9 | 3.3 | | Gray fine quartz sand. 10 YR 7/0.5-7.5/0.5 (SP) | | | -34.6 |
| -35.4 | 5.8 | | Gray to brownish gray fine quartz sand, some silt. 10 YR 7/0.5-7/1 (SP) | 100 | | -38.6 |
| -37.0 | 7.4 | | Gray silty sand, some clay. 10 YR 6/0.5-6.5/1 (SM) | 100 | | -44.6 |
| -44.2 | 14.6 | | Gray silt, some sand. 10 YR 5/0.5 (ML) | 100 | | -48.5 |
| -45.3 | 15.7 | | Gray silt and clay. 10 YR 5/0.5-5.5/0.5 (ML) | 100 | | No composite |
| -48.5 | 18.9 | | | | | Final 5/13/03 |