




















| <br><b>olsen</b><br>associates, inc.<br>Coastal Engineering |       | PROJECT:<br><b>BREVARD COUNTY SAND SEARCH</b>                                       |   |                 | CORE NO.:<br><b>3</b>                     |  |  |
|---|-------|---|---|-----------------|---|--|--|
|   |       | DRILLER:<br><b>A.O.S.S.</b>   |   |                 | DATE OF HOLE:<br><b>7/17/89 19:29</b>     |  |  |
|   |       | LOG BY:<br><b>F.I.T. Civil/Bacchus</b>  |   |                 | O.A. REP.:<br><b>Wm. Buckingham, P.E.</b> |  |  |
|   |       | DEPTH OF WATER: <b>31.2'</b>  |   |                 | X- <b>638336</b>                          |  |  |
|   |       | DEPTH OF HOLE: <b>18.6'</b>   |   |                 | Y- <b>1474739</b>                         |  |  |
| ELEVATION   | DEPTH | LEGEND  | CLASSIFICATION OF MATERIALS   | % CORE RECOVERY | SAMPLE NO.                                | REMARKS                                |  |
|   | 1     |    | Sandy clay, trace whole and broken shells up to 2 in, little fine quartz, little clay, gray (CL)                        | 100%            |   |  |  |
|   | 2     |    | Local shell zone in last 3 in of unit<br>Sand, fine to med. quartz sand, trace shell up to 2 in, little clay, gray (SC) |                 |   |  |  |
|   | 3     |    | Clay, firm, trace whole and broken shells up to 2 in, gray (CH)   |                 |   |  |  |
|   | 4     |    | 3.6' for 1½" local shell zone   |                 |   |  |  |
|   | 5     |    |   |                 |   |  |  |
|   | 6     |    | 5.4' - 5.6' local shell zone  |                 |   |  |  |
|   | 7     |    | 6.1' - 6.3' local shell zone  | 100%            |   | 6.3' cut                               |  |
|   | 8     |    |   |                 |   |  |  |
|   | 9     |   |   |                 |   |  |  |
|   | 10    |  |   |                 |   |  |  |
|   | 11    |  | Shell sand, fine quartz sand to 2 in shell, little whole and broken shells, little clay, gray (SW-SC)                   |                 |   |  |  |
|   | 12    |  | Organic clay, firm, trace shell whole and broken shells up to 2 in dark gray (OH)                                       | 100%            |   | 12.6' cut                              |  |
|   | 13    |  |   |                 |   | Rooting dispersed throughout this unit |  |
|   | 14    |  |   |                 |   |  |  |
|   | 15    |  |   |                 |   |  |  |
|   | 16    |  |   |                 |   |  |  |
|   | 17    |  |   |                 |   |  |  |
|   | 18    |  |   |                 |   |  |  |
|   | 19    |   | TD 18.8 ft  |                 |   | 18.8' cut                              |  |
|   | 20    |   |   |                 |   |  |  |