

# JET PROBE LOG

**PROJECT: LONGBOAT KEY JET PROBES**

**JET PROBE: LSK-15**

**COORDINATES:**

N = 1077000

E = 405589

**DATE:** 8/31/99

**START TIME:** 1515

**END TIME:** 1520

**WATER DEPTH:** 41.2'

**TOP DIVER:** ML

**BOTTOM DIVER:** JA

| NOTES   | ELEV. | DEPTH | SYMBOL | DESCRIPTION     |
|---|-------|-------|--------|-----------------|
| <b>LENGTH OF PVC PIPE:</b> 20'<br><b>PENETRATION DEPTH:</b> 8'<br><b>JET PUMP TYPE:</b> Briggs and Stratton 3.0 hp<br><br><b>GAL/HR:</b> 8460<br><b>DIAMETER OF PIPE:</b> 1.5"  | -41.2 | 0     |        | SEA FLOOR       |
| <b>SUPPORT VESSEL:</b> CPE II<br><br><b>POSITIONING:</b> DIFFERENTIAL GPS USCG BEACON<br><br><b>NAVIGATION SYSTEM:</b> "HYPACK"   | -47.2 | 1     |        | CLEAN FINE SAND |
|   |       | 2     |        |                 |
|   |       | 3     |        |                 |
|   |       | 4     |        |                 |
|   |       | 5     |        |                 |
| <b>WEATHER:</b><br><br><b>WIND:</b><br><b>DIR:</b> E<br><b>SPEED:</b> 5 - 10 KT.  | -48.2 | 6     |        |                 |
|   | -49.2 | 7     |        | RUBBLE          |
|   | -50.2 | 8     |        | FINE SAND       |
| <b>WAVES:</b><br><b>DIR:</b> SE<br><b>HEIGHT:</b> 0-1 FT<br><br><b>CURRENT:</b><br><b>DIR:</b> NONE<br><b>SPEED:</b> NONE   |       | 9     |        | ROCK            |
| <b>TURBIDITY:</b><br><br><b>TOP:</b> MOD<br><b>BOTTOM:</b> MOD  |       | 10    |        |                 |
|   |       | 11    |        |                 |
|   |       | 12    |        |                 |
|   |       | 13    |        |                 |
|   |       | 14    |        |                 |
|   |       | 15    |        |                 |
| <b>SAND SAMPLES</b><br><br><b>SURFACE:</b> 0.12 mm ,---[VISUAL]<br><b>COLOR:</b> 5Y-7/1 LIGHT GRAY<br><br><b>MID:</b> 0.13 mm ,21.67% SILT [LAB]<br><b>COLOR:</b> 5Y-7/1 LIGHT GRAY<br><br><b>BOTTOM:</b> 0.25 mm ,---[VISUAL]<br><b>COLOR:</b> 5Y-6/1 GRAY |       | 16    |        |                 |
|   |       | 17    |        |                 |
|   |       | 18    |        |                 |
|   |       | 19    |        |                 |
|   |       | 20    |        |                 |
|   |       | 21    |        |                 |
|   |       | 22    |        |                 |
| <b>DRAWN BY:</b> TT<br><b>CHECKED BY:</b>   |       | 23    |        |                 |
| <b>COMM.NO:</b> 8468.34   |       | 24    |        |                 |