

| DRILLING LOG                                            |       | DIVISION: |                                                                                                             | INSTALLATION:                              |               | SHEET 1 of 1                                                                                      |  |
|---------------------------------------------------------|-------|-----------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------|---------------------------------------------------------------------------------------------------|--|
| 1. PROJECT COLIER COUNTY                                |       |           |                                                                                                             | 10. SIZE AND TYPE OF BIT 4"                |               |                                                                                                   |  |
| (Coordinates or Station)                                |       |           |                                                                                                             | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL) |               |                                                                                                   |  |
| 2. LOCATION NAD83 FL East X=360403 Y=661130             |       |           |                                                                                                             | NGVD                                       |               |                                                                                                   |  |
| 3. DRILLING AGENCY: Alpine                              |       |           |                                                                                                             | 12. MANUFACTURER'S DESIGNATION OF DRILL    |               |                                                                                                   |  |
|                                                         |       |           |                                                                                                             | Alpine                                     |               |                                                                                                   |  |
| 4. HOLE NO. (As shown on drawing title and file number) |       |           |                                                                                                             | 13. TOT NO. OF OVERBURDEN SAMPLES TAKEN    |               |                                                                                                   |  |
| CCVC-03-11                                              |       |           |                                                                                                             | Disturbed: 0 Undisturbed: 0                |               |                                                                                                   |  |
| 5. NAME OF DRILLER Jim Cole                             |       |           |                                                                                                             | 14. TOTAL NO. OF CORE BOXES                |               |                                                                                                   |  |
| 6. DIRECTION OF HOLE VERTICAL                           |       |           |                                                                                                             | 15. ELEVATION GROUND WATER                 |               |                                                                                                   |  |
|                                                         |       |           |                                                                                                             | 16. DATE HOLE Started Completed            |               |                                                                                                   |  |
|                                                         |       |           |                                                                                                             | 8/7/03 11:44                               |               |                                                                                                   |  |
| 7. THICKNESS OF BURDEN 0.0 FT                           |       |           |                                                                                                             | 17. ELEVATION TOP OF HOLE -28.1 FT         |               |                                                                                                   |  |
| 8. DEPTH DRILLED INTO ROCK N/A                          |       |           |                                                                                                             | 18. TOTAL CORE RECOVERY FOR BORING 74%     |               |                                                                                                   |  |
| 9. TOTAL DEPTH OF HOLE 10.1 FT                          |       |           |                                                                                                             | 19. SIGNATURE OF GEOLOGIST ML              |               |                                                                                                   |  |
| ELEV.                                                   | DEPTH | LEGEND    | CLASSIFICATION OF MATERIALS (Description)                                                                   | CORE REC %                                 | SAMPLE NUMBER | REMARKS                                                                                           |  |
| -28.1                                                   | 0     |           | SAND, fine grained, quartz, trace silt, little shell hash, light gray (5Y-7/1), (SW-SM).                    |                                            | 1             | Sample #1, Depth = 1.2<br>Mean (mm): 0.19, Phi Sorting: 1.37<br>Shell: 8.53%, Silt: 4.02% (SW)    |  |
| -29.9                                                   | 1     |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 2     |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 3     |           |                                                                                                             |                                            |               |                                                                                                   |  |
| -32.6                                                   | 4     |           | SAND, fine grained, quartz, trace silt, little shell hash, light gray (5Y-7/1), (SW-SM).                    |                                            | 2             | Sample #2, Depth = 2.4<br>Mean (mm): 0.20, Phi Sorting: 1.74<br>Shell: 10.43%, Silt: 5.6% (SW-SM) |  |
|                                                         | 5     |           | SHELLY SAND, shell component is shell fragments up to 1", little silt, 2" rock @ 4.7', gray (5Y-6/1), (GM). |                                            | 3             | Sample #3, Depth = 3.6<br>Mean (mm): 0.17, Phi Sorting: 1.39<br>Shell: 6.15%, Silt: 6.54% (SW-SM) |  |
|                                                         | 6     |           |                                                                                                             |                                            |               |                                                                                                   |  |
| -35.6                                                   | 7     |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 8     |           |                                                                                                             |                                            |               |                                                                                                   |  |
| -38.2                                                   | 9     |           | NO RECOVERY                                                                                                 |                                            |               |                                                                                                   |  |
|                                                         | 10    |           | End of Boring                                                                                               |                                            |               |                                                                                                   |  |
|                                                         | 11    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 12    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 13    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 14    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 15    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 16    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 17    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 18    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 19    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 20    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 21    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 22    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 23    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         | 24    |           |                                                                                                             |                                            |               |                                                                                                   |  |
|                                                         |       |           |                                                                                                             | PROJECT: Collier County                    |               | HOLE NUMBER: CCVC-03-11                                                                           |  |

Note:

1) Soils are field visually classified in accordance with the Unified Soil Classification System.

# Penetration Graph for Core No. CCVC-03-11, Run 1

Date: 8/7/03

Start Time: 11:44:06 AM

End Time: 11:45:03 AM

Penetration: 10.10 ft

Recovery: 7.8 ft

W. D. Corrected: 28.2 ft

W. D. Raw: 28.5 ft

Easting: 360402.45

Northing: 661130.35

Coord. System: FL EAST 83

Lat: 26° 08.9827' N

Long: 081° 54.0964' W

Datum: WGS-84

Comment:

