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| <b>PROJECT NUMBER:</b><br><div style="font-size: 1.2em; font-weight: bold;">338884.FL</div> | <b>BORING NUMBER:</b><br><div style="font-size: 1.2em; font-weight: bold;">OW-6</div> |
| SHEET 2 OF 5                                                                                |                                                                                       |
| <div style="font-size: 1.5em; font-weight: bold;">SOIL BORING LOG</div>                     |                                                                                       |

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1724100.2 N, 457680.6 E)  
 ELEVATION : 42.5 ft MSL (NGVD83) DRILLING CONTRACTOR : Prosonic, Ocala, FL, Driller: Jason  
 DRILLING EQUIPMENT AND METHOD : Minisonic S/N 1412, sonic, 4"x6" ORIENTATION : Vertical

WATER LEVELS : --- START : 2/6/07 09:30 END : 2/6/07 10:30 LOGGER : R. Gomez

| WATER LEVELS : —                |               | START : 2/6/07 09:30 |                                   | END : 2/6/07 10:30                                                                                                 |                                                                                                                                                                                                                                | LOGGER : R. Gomez |                                |
|---------------------------------|---------------|----------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------|
| DEPTH BELOW EXISTING GRADE (ft) | INTERVAL (ft) |                      | STANDARD PENETRATION TEST RESULTS |                                                                                                                    | SOIL DESCRIPTION                                                                                                                                                                                                               | SYMBOLIC LOG      | COMMENTS                       |
|                                 | RECOVERY (in) | #TYPE                | 6"-6"-6" (N)                      | SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY | DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION                                                                                                                                                |                   |                                |
|                                 |               |                      |                                   |                                                                                                                    |                                                                                                                                                                                                                                |                   |                                |
| 22.5                            | 20.0          |                      |                                   |                                                                                                                    | <b>Sandy Silt (ML)</b><br>20.0-25.0' - grayish orange to very pale orange, (10YR 7/4, 8/2), moist, nonplastic to low plasticity, sand to gravel sized limestone fragments, fossil casts, molds, shell fragments, all carbonate |                   |                                |
|                                 |               | 54.0                 | R5-SN                             |                                                                                                                    |                                                                                                                                                                                                                                |                   |                                |
| 25                              | 25.0          |                      |                                   |                                                                                                                    | <b>No Recovery</b><br><b>24.5-25.0'</b>                                                                                                                                                                                        |                   |                                |
| 17.5                            |               |                      |                                   |                                                                                                                    | <b>Limestone Fragments</b><br>25.0-27.0' - very pale orange, (10YR 8/2), mild HCl reaction, sand to gravel sized fragments, 20-30% carbonate silt                                                                              |                   |                                |
|                                 |               | 42.0                 | R6-SN                             |                                                                                                                    | <b>Limestone</b><br>27.0-28.5' - very pale orange, (10YR 8/2), fossilized, interbedded with fines                                                                                                                              |                   |                                |
|                                 |               |                      |                                   |                                                                                                                    | <b>No Recovery</b><br><b>28.5-30.0'</b>                                                                                                                                                                                        |                   |                                |
| 30                              | 30.0          |                      |                                   |                                                                                                                    | <b>Limestone Fragments</b><br>30.0-32.0' - Same as 25.0-27.0'                                                                                                                                                                  |                   |                                |
| 12.5                            |               |                      |                                   |                                                                                                                    | <b>Limestone</b><br>32.0-35.0' - Same as 27.0-28.5'                                                                                                                                                                            |                   |                                |
|                                 |               | 60.0                 | R7-SN                             |                                                                                                                    |                                                                                                                                                                                                                                |                   |                                |
| 35                              | 35.0          |                      |                                   |                                                                                                                    | <b>Limestone</b><br>35.0-40.0' - pale yellowish brown, (10YR 6/2), weak to strong (R2 to R4), fossilized, interbedded with carbonate fines                                                                                     |                   | Interbedding drilling induced? |
| 7.5                             |               |                      |                                   |                                                                                                                    |                                                                                                                                                                                                                                |                   |                                |
|                                 |               | 60.0                 | R8-SN                             |                                                                                                                    |                                                                                                                                                                                                                                |                   |                                |
| 40                              |               |                      |                                   |                                                                                                                    |                                                                                                                                                                                                                                |                   |                                |
|                                 |               |                      |                                   |                                                                                                                    |                                                                                                                                                                                                                                |                   |                                |



PROJECT NUMBER:

**338884.FL**

BORING NUMBER:

**OW-6**

SHEET 3 OF 5

## SOIL BORING LOG

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1724100.2 N, 457680.6 E)

ELEVATION : 42.5 ft MSL (NGVD83)

DRILLING CONTRACTOR : Prosonic, Ocala, FL, Driller: Jason

DRILLING EQUIPMENT AND METHOD : Minisonic S/N 1412, sonic, 4"x6"

ORIENTATION : Vertical

WATER LEVELS : ---

START : 2/6/07 09:30

END : 2/6/07 10:30

LOGGER : R. Gomez

| WATER LEVELS:                   |               | START: 2/20/2019 |                                   | END: 2/20/2019                                                                                                     |                                                                                                                                                                     | LESSER: R. CORRE |                                |
|---------------------------------|---------------|------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------|
| DEPTH BELOW EXISTING GRADE (ft) | INTERVAL (ft) |                  | STANDARD PENETRATION TEST RESULTS |                                                                                                                    | SOIL DESCRIPTION                                                                                                                                                    | SYMBOLIC LOG     | COMMENTS                       |
|                                 | RECOVERY (in) | #TYPE            | 6"-6"-6" (N)                      | SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY | DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION                                                                                     |                  |                                |
|                                 |               |                  |                                   |                                                                                                                    |                                                                                                                                                                     |                  |                                |
| 2.5                             | 40.0          |                  |                                   |                                                                                                                    | <b>Silty Sand (SM)</b><br>40.0-42.5' - moderate brown, (5YR 4/4), sand sized limestone fragments, fossilized, 20-40% carbonate fines                                |                  |                                |
|                                 |               | 30.0             | R9-SN                             |                                                                                                                    | <b>No Recovery</b><br>42.5-45.0'                                                                                                                                    |                  |                                |
| 45<br>-2.5                      | 45.0          |                  |                                   |                                                                                                                    | <b>Limestone</b><br>45.0-50.0' - moderate brown, (5YR 4/4), weak to medium strong (R2 to R3), fossilized, interbedded with carbonate fines, 20-40% fines, fragments |                  | Interbedding drilling induced? |
|                                 |               | 60.0             | R10-SN                            |                                                                                                                    |                                                                                                                                                                     |                  |                                |
| 50<br>-7.5                      | 50.0          |                  |                                   |                                                                                                                    | <b>Limestone</b><br>50.0-52.25' - Same as 45.0-50.0'                                                                                                                |                  |                                |
|                                 |               | 27.0             | R11-SN                            |                                                                                                                    | <b>No Recovery</b><br>52.25-55.0'                                                                                                                                   |                  |                                |
| 55<br>-12.5                     | 55.0          |                  |                                   |                                                                                                                    | <b>Limestone</b><br>55.0-55.5' - Same as 50.0-52.25'<br><b>Limestone Fragments And Silt (ML)</b><br>55.5-57.5' - fossilized, limestone fragments, carbonate fines   |                  |                                |
|                                 |               | 57.0             | R12-SN                            |                                                                                                                    | <b>Limestone</b><br>57.5-59.75' - Same as 50.0-52.25'                                                                                                               |                  |                                |
| 60                              |               |                  |                                   |                                                                                                                    |                                                                                                                                                                     |                  |                                |



|                                            |                                      |
|--------------------------------------------|--------------------------------------|
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| SHEET 4 OF 5                               |                                      |
| <b>SOIL BORING LOG</b>                     |                                      |

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1724100.2 N, 457680.6 E)  
 ELEVATION : 42.5 ft MSL (NGVD83) DRILLING CONTRACTOR : Prosonic, Ocala, FL, Driller: Jason  
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WATER LEVELS : --- START : 2/6/07 09:30 END : 2/6/07 10:30 LOGGER : R. Gomez

| DEPTH BELOW EXISTING GRADE (ft) |      | INTERVAL (ft) |        | STANDARD PENETRATION TEST RESULTS |  | SOIL DESCRIPTION                                                                                                   |                                                                                                                                                                                             | SYMBOLIC LOG |  | COMMENTS                                                                        |  |
|---------------------------------|------|---------------|--------|-----------------------------------|--|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|---------------------------------------------------------------------------------|--|
|                                 |      | RECOVERY (in) |        | 6"-6"-6" (N)                      |  | SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY |                                                                                                                                                                                             |              |  | DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION |  |
|                                 |      | #TYPE         |        |                                   |  |                                                                                                                    |                                                                                                                                                                                             |              |  |                                                                                 |  |
| -17.5                           | 60.0 |               |        |                                   |  |                                                                                                                    | <b>No Recovery</b><br><b>59.75-60.0'</b><br><b>Limestone And Silt (ML)</b><br>60.0-64.0' - moderate brown, (5YR 5/6), fossilized, 50-60% carbonate fines, gravel sized limestone, fragments |              |  |                                                                                 |  |
| 65                              |      | 60.0          | R13-SN |                                   |  |                                                                                                                    | <b>Limestone</b><br>64.0-65.0' - Same as 50.0-52.25'                                                                                                                                        |              |  |                                                                                 |  |
| -22.5                           |      |               |        |                                   |  |                                                                                                                    | Begin Rock Coring at 65.0 ft bgs<br>See the next sheet for the rock core log                                                                                                                |              |  |                                                                                 |  |
| 70                              |      |               |        |                                   |  |                                                                                                                    |                                                                                                                                                                                             |              |  |                                                                                 |  |
| -27.5                           |      |               |        |                                   |  |                                                                                                                    |                                                                                                                                                                                             |              |  |                                                                                 |  |
| 75                              |      |               |        |                                   |  |                                                                                                                    |                                                                                                                                                                                             |              |  |                                                                                 |  |
| -32.5                           |      |               |        |                                   |  |                                                                                                                    |                                                                                                                                                                                             |              |  |                                                                                 |  |
| 80                              |      |               |        |                                   |  |                                                                                                                    |                                                                                                                                                                                             |              |  |                                                                                 |  |

