



LEGEND

- S-1 Soil Layer 1
- SAV-1 South Reactor Avon Park
- Rock Layer 1
- Top of Rock

LITHOLOGY GRAPHICS

- Silty Sand
- Clayey Sand
- Silt
- Poorly Graded Sand
- Fat Clay
- Lean Clay
- Poorly Graded Sand with Silt
- Organic Clay or Silt
- Peat
- Breccia
- Topsoil
- Silty Sand and Silt
- Poorly Graded Sand and Poorly Graded Sand with Silt
- Silty Gravel
- Conglomerate
- Limestone

BOREHOLE LEGEND

- Distance (ft)
- B-1** BOREHOLE NUMBER
- GROUND SURFACE ELEVATION
- USCS CLASSIFICATION
- LITHOLOGY GRAPHIC COLUMN
- DEPTH AND ELEVATION OF BOTTOM OF HOLE, AND DATE AND TIME BORING COMPLETED
- GSE = 172.5 ft
- SPT N-VALUE (blows per foot)
- RECOVERY (%)
- RQD (%)
- Depth = 59 ft, Elevation = -113.5 ft, 8/23/2007



LINE IS ONE INCH WHEN PRINTED TO SCALE

VERTICAL SCALE: 1" = 80.0'
HORIZONTAL SCALE: 1' = 50.0'

Progress Energy Florida
Levy Nuclear Plant
Units 1 and 2
Part 2, Final Safety Analysis Report

Subsurface Cross Section at
LNP 1: Plant East to West
FIGURE 2.5.4.2-202B