







**LEGEND**

- \* HAR 2 Marker Bed A
- \*\* HAR 2 Marker Bed B
- ▼ Ground Water Level
- Interpreted Lithology Correlation
- Possible Lithology Correlation
- Top of Sound Rock (See Table 2.5.4-201 for definition)
-  Conglomerate
-  Sandstone
-  Shale
-  Shaley Siltstone and Sandstone
-  Siltstone
-  Soil (N<50/3")

Vertical Scale: 1" = 40.0'  
Horizontal Scale: 1" = 80.0'

**DETAIL:**

- Borehole I.D. → BPA-XX
- Ground Surface → GSE = XXX.X ft Elevation (Ft.)
- Extent of Soil (SPT "N" < 50/3")
- Lithologic Symbol
- RQD → 0.4
- Observed Clay Seam Thickness in Rock Core (Ft.)
- Fractures Per Foot

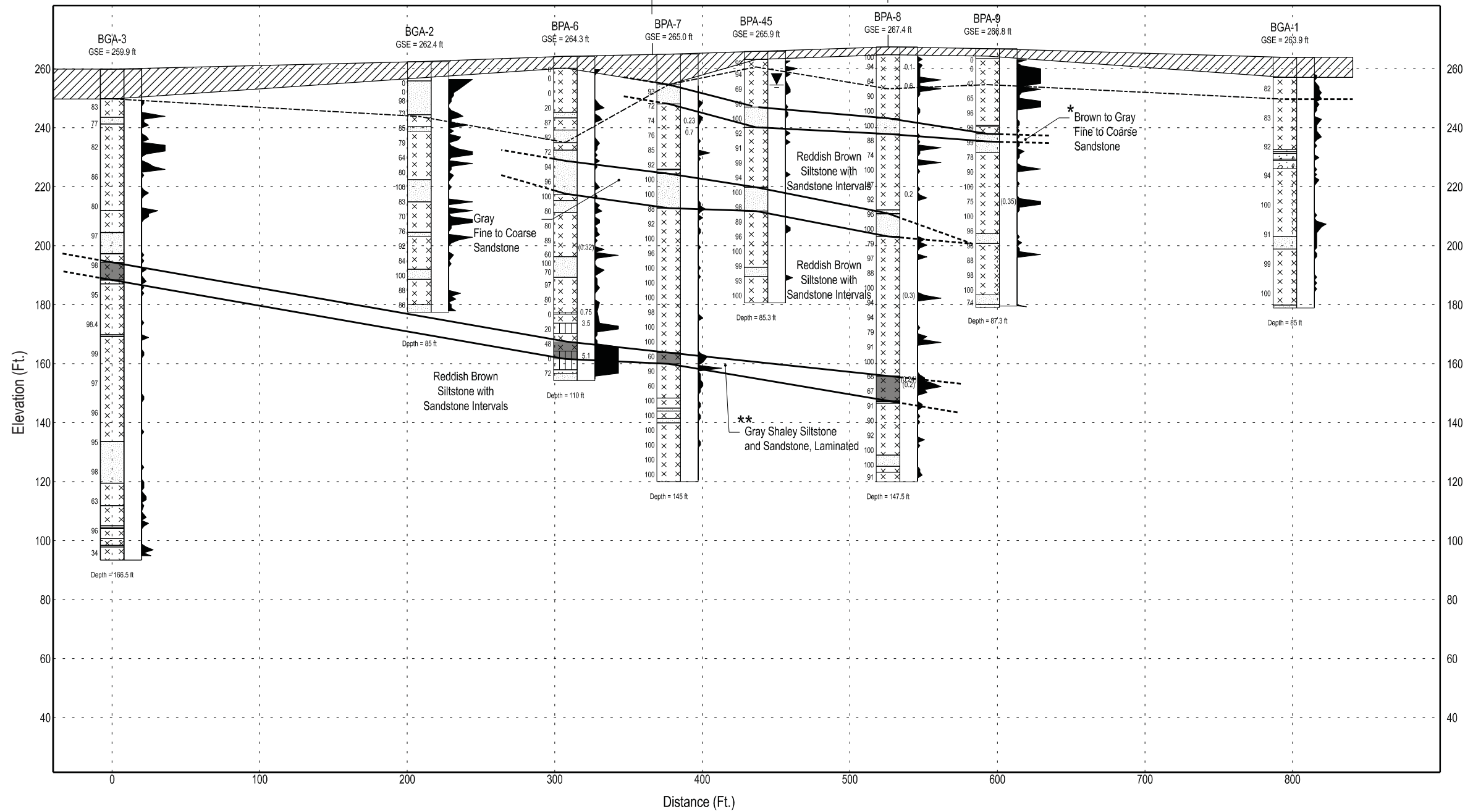
**NOTES:**

1. Clay seams or fracture zones with total clay thickness >0.1 ft. thick are shown at their approximate observed elevation. Values in parenthesis ( ) indicate total clay thickness within fraction intervals.
2. See Table 2.5.4-201 for depths and descriptions of soil and top of sound rock.
3. See Figure 2.5.4-202 for Cross Section locations.

Plant West (N25W)

Plant East (S25E)

Extent of Nuclear Island - Excavation to 220 Ft.



Progress Energy Carolinas  
**Shearon Harris Nuclear Power Plant  
 Units 2 and 3**  
 Part 2, Final Safety Analysis Report  
 New Hill, North Carolina

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Stratigraphic Cross Section at HAR 2 -  
 Plant West to East  
 FIGURE 2.5.4-204B Rev. 1