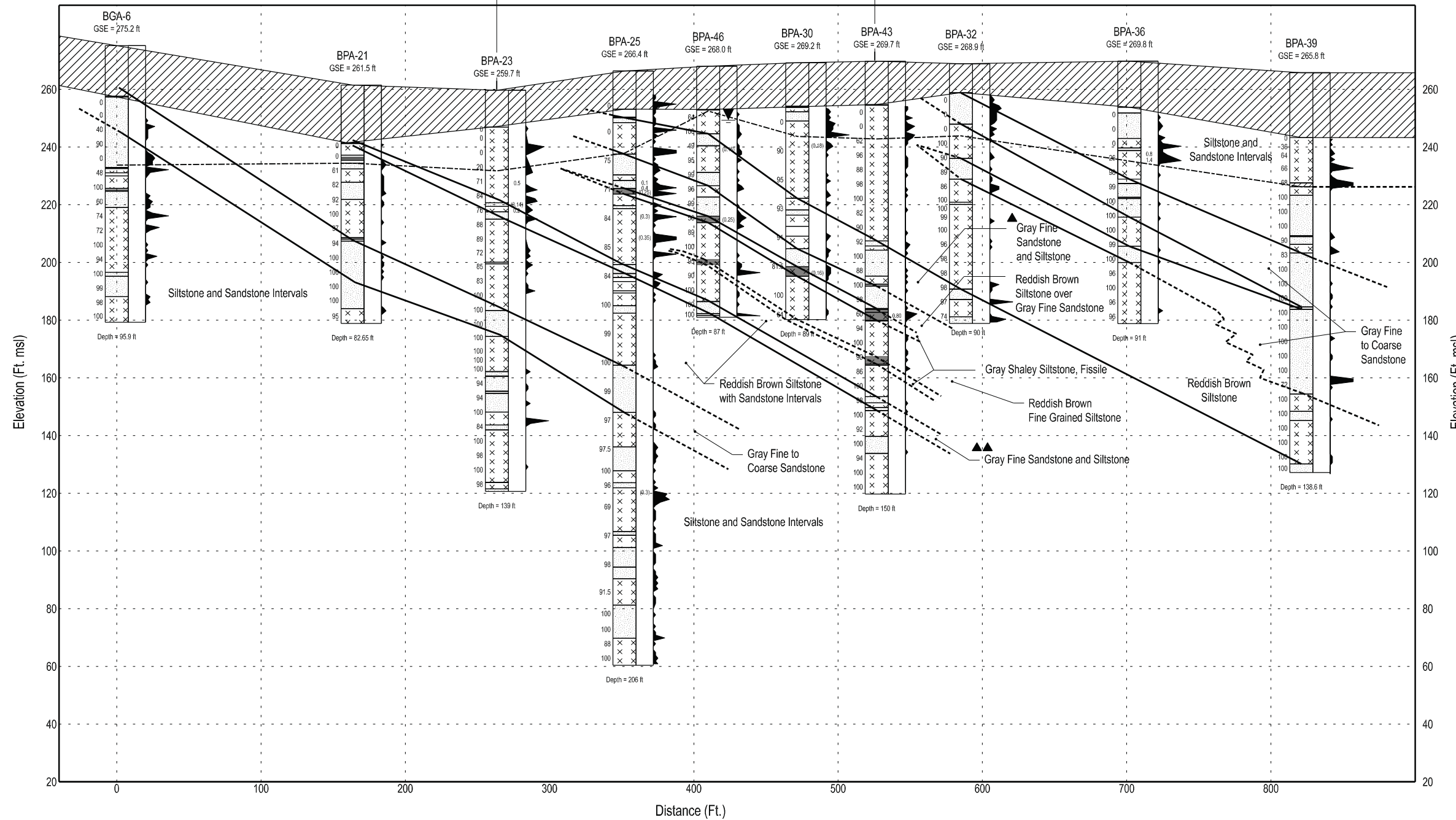


Plant South (S65W)

Plant North (N65E)

Extent of Nuclear Island -
Excavation to 220 Ft. msl



LEGEND

- ▲ HAR 3 Marker Bed A
- ▲▲ HAR 3 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
- ☐ Shaly 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. msl)
- 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.

Progress Energy Carolinas
**Shearon Harris Nuclear Power Plant
 Units 2 and 3**
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Stratigraphic Cross Section at HAR 3 - Plant
 South to North
 FIGURE 2.5.4-205A

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