

Figure 2.5-101—{Mean and Fractile Rock Hazard Curves for 0.5 Hz}

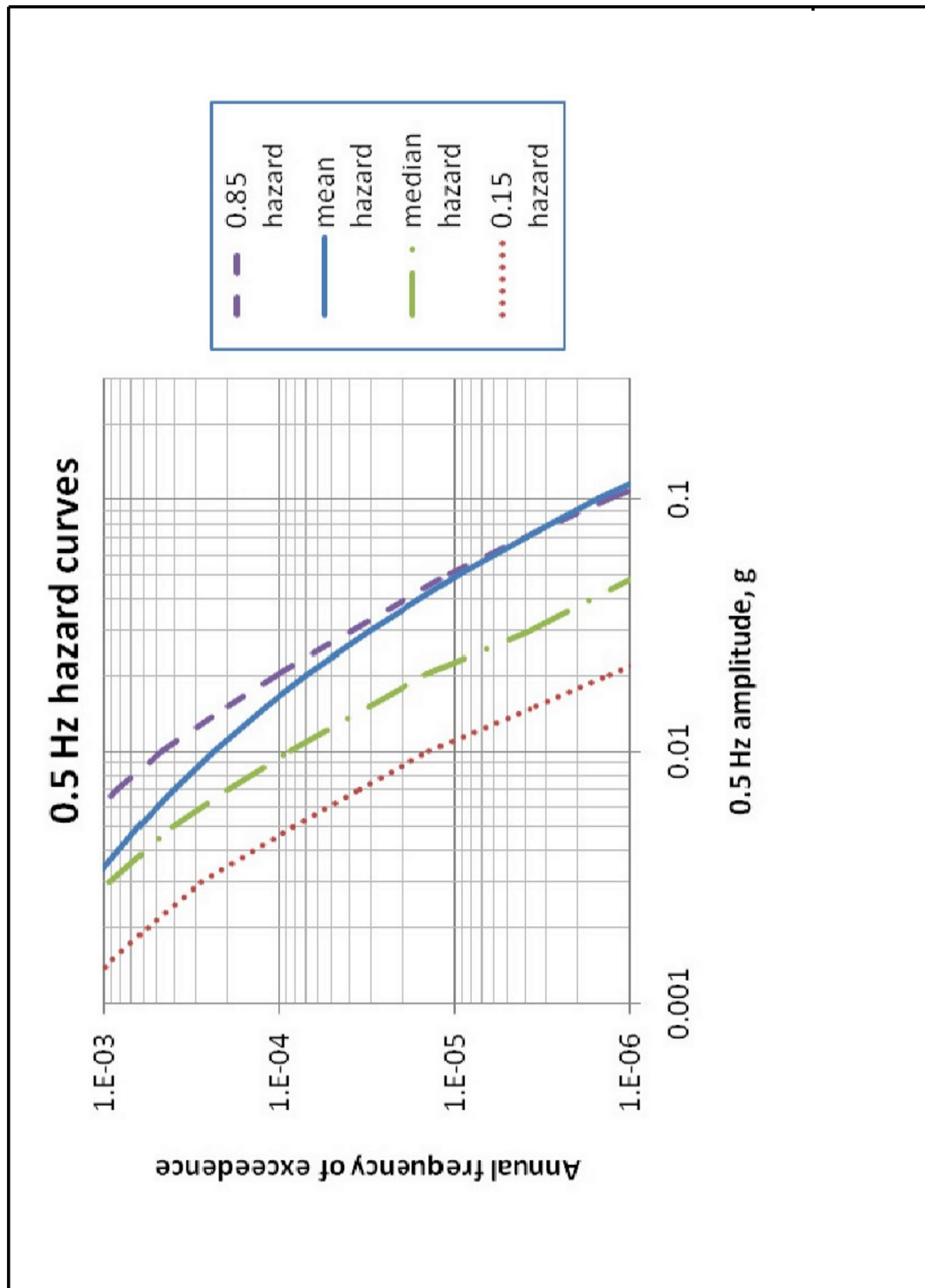


Figure 2.5-102—{CCNPP Unit 3 10 Generic Soil Profiles}

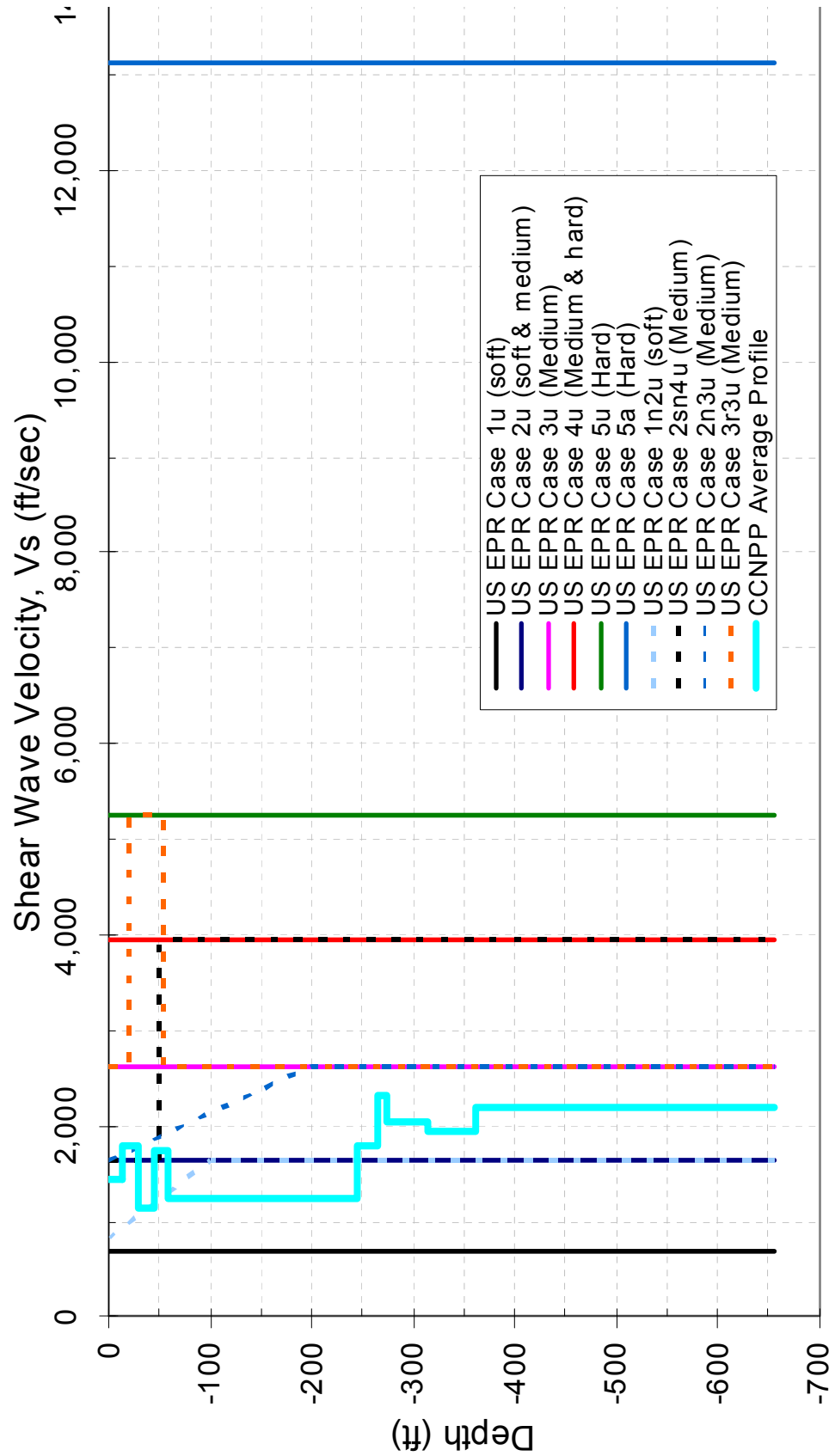
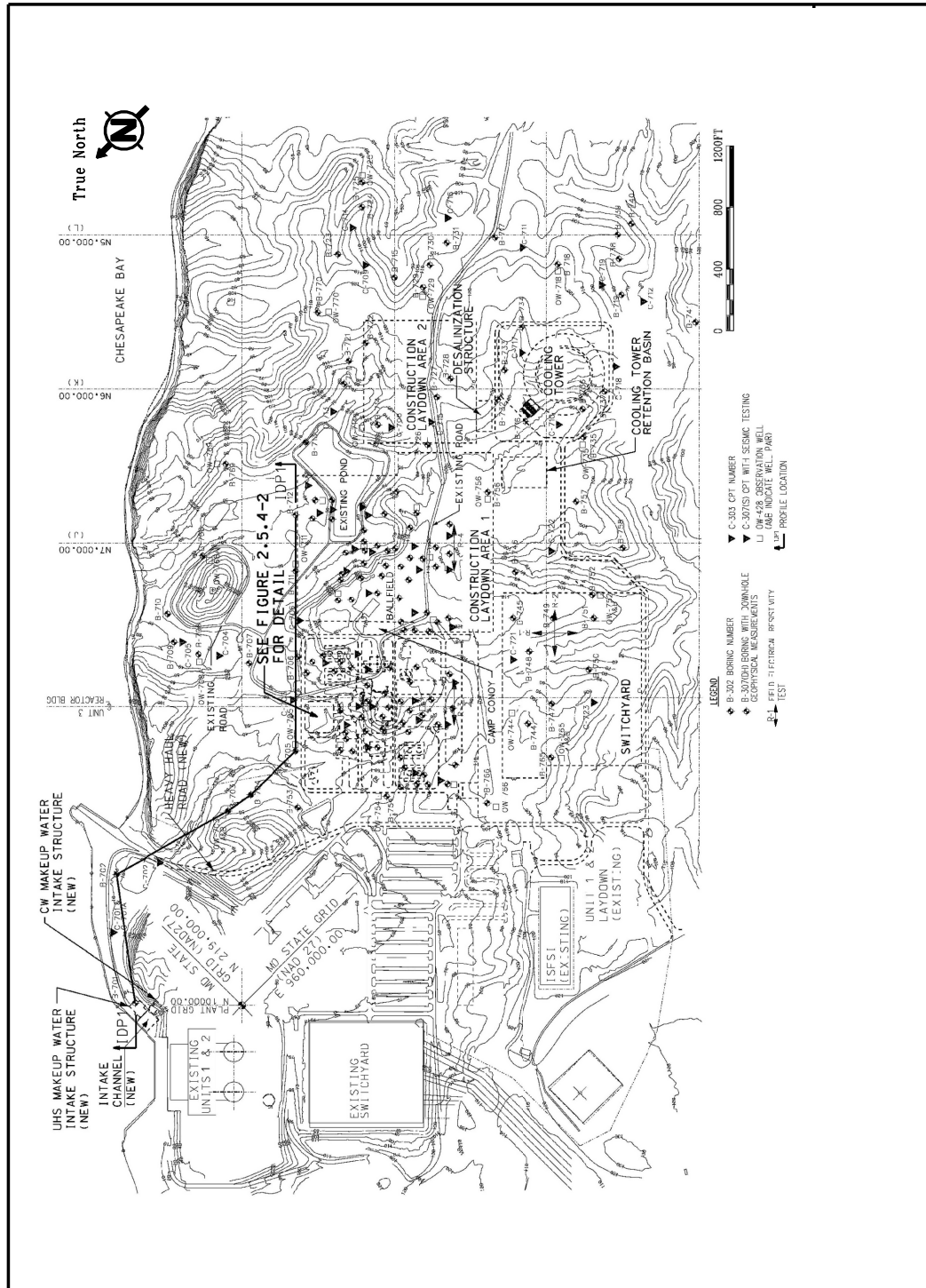
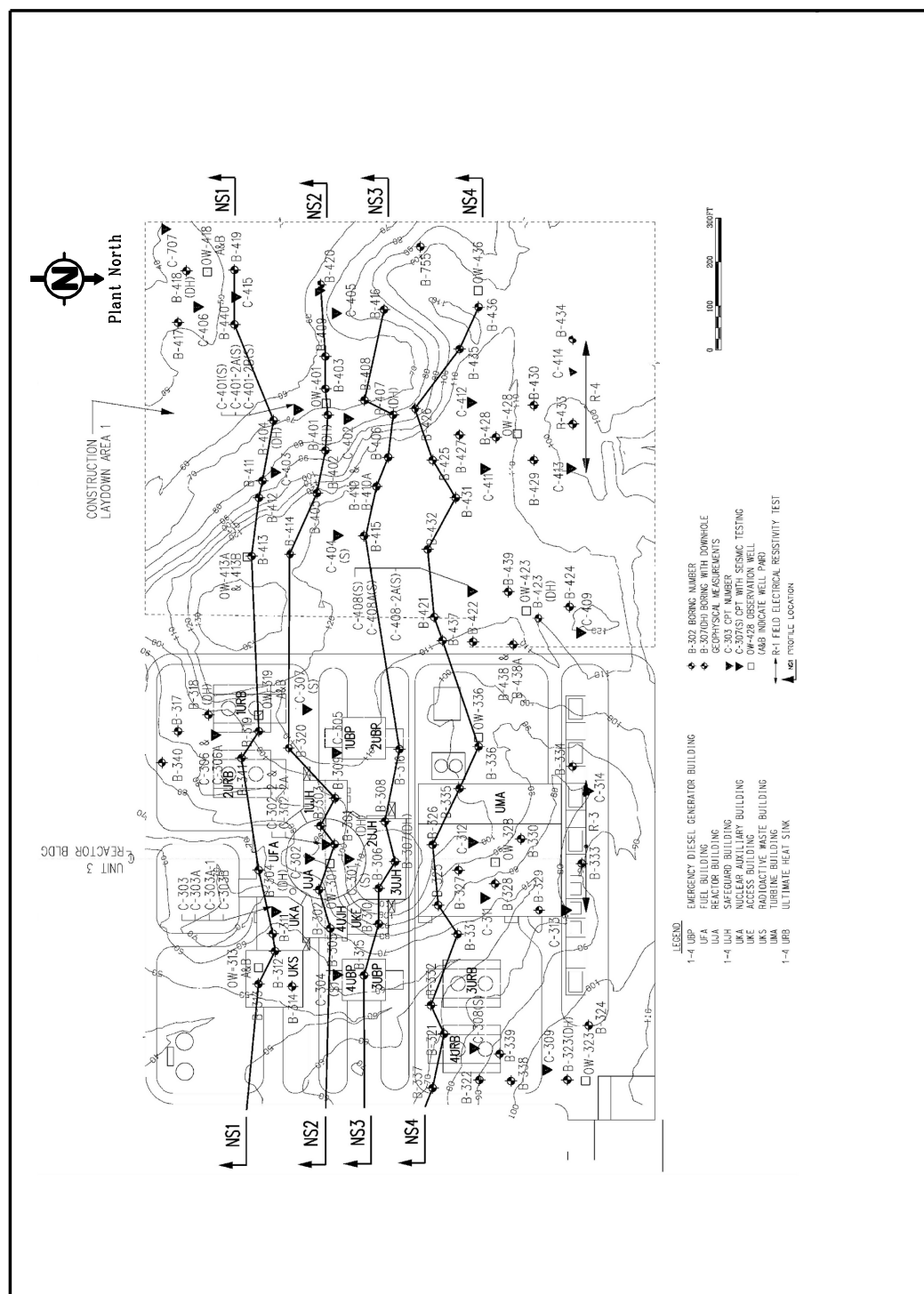




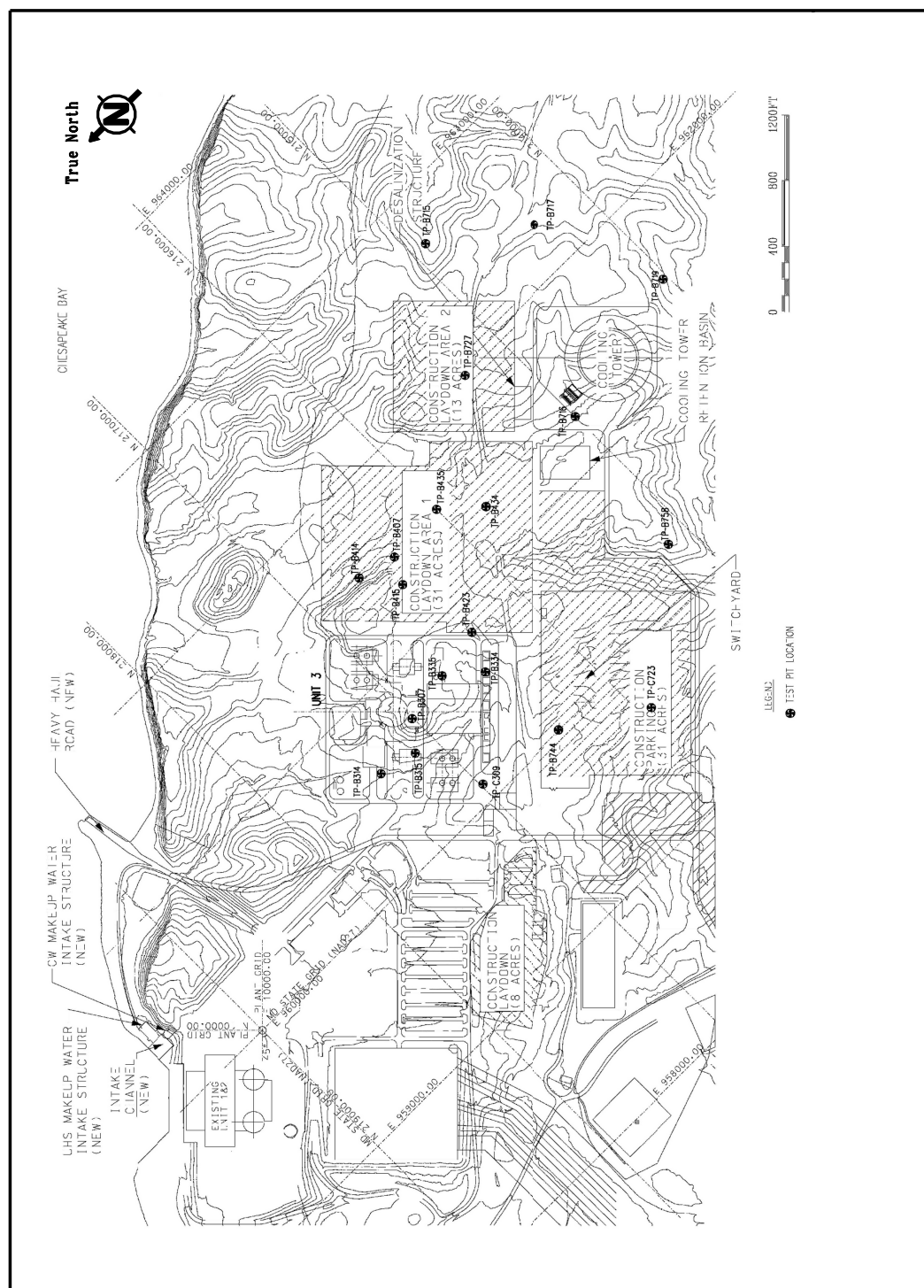
Figure 2.5-103—{Subsurface Investigation Location Plan}



**Figure 2.5-104—{Subsurface Investigation Location Plan (Powerblock)}**



**Figure 2.5-105—{Test Pit Test Location Plan}**



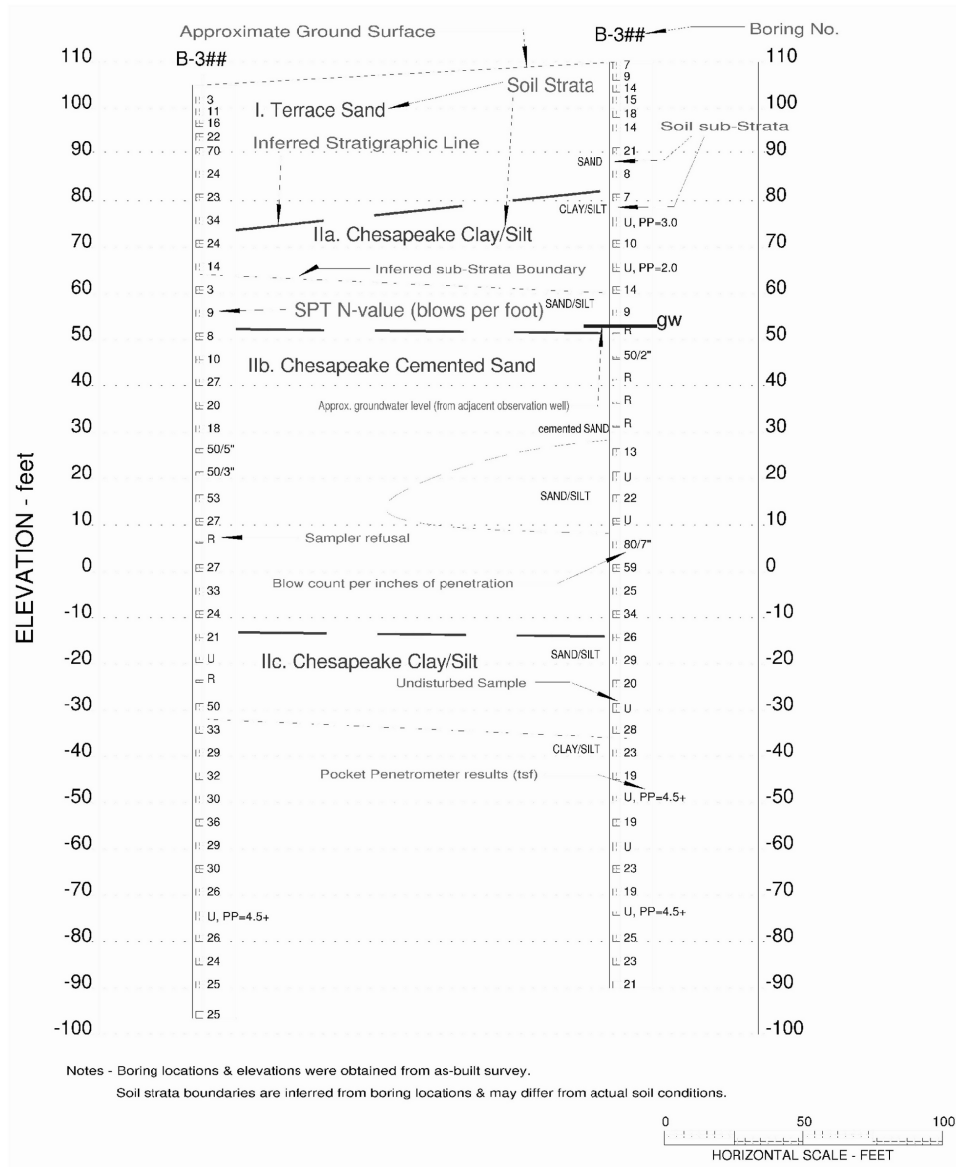
**Figure 2.5-106—{Subsurface Profile Legend}**

Figure 2.5-107—{Inferred Subsurface Profile NS-1}

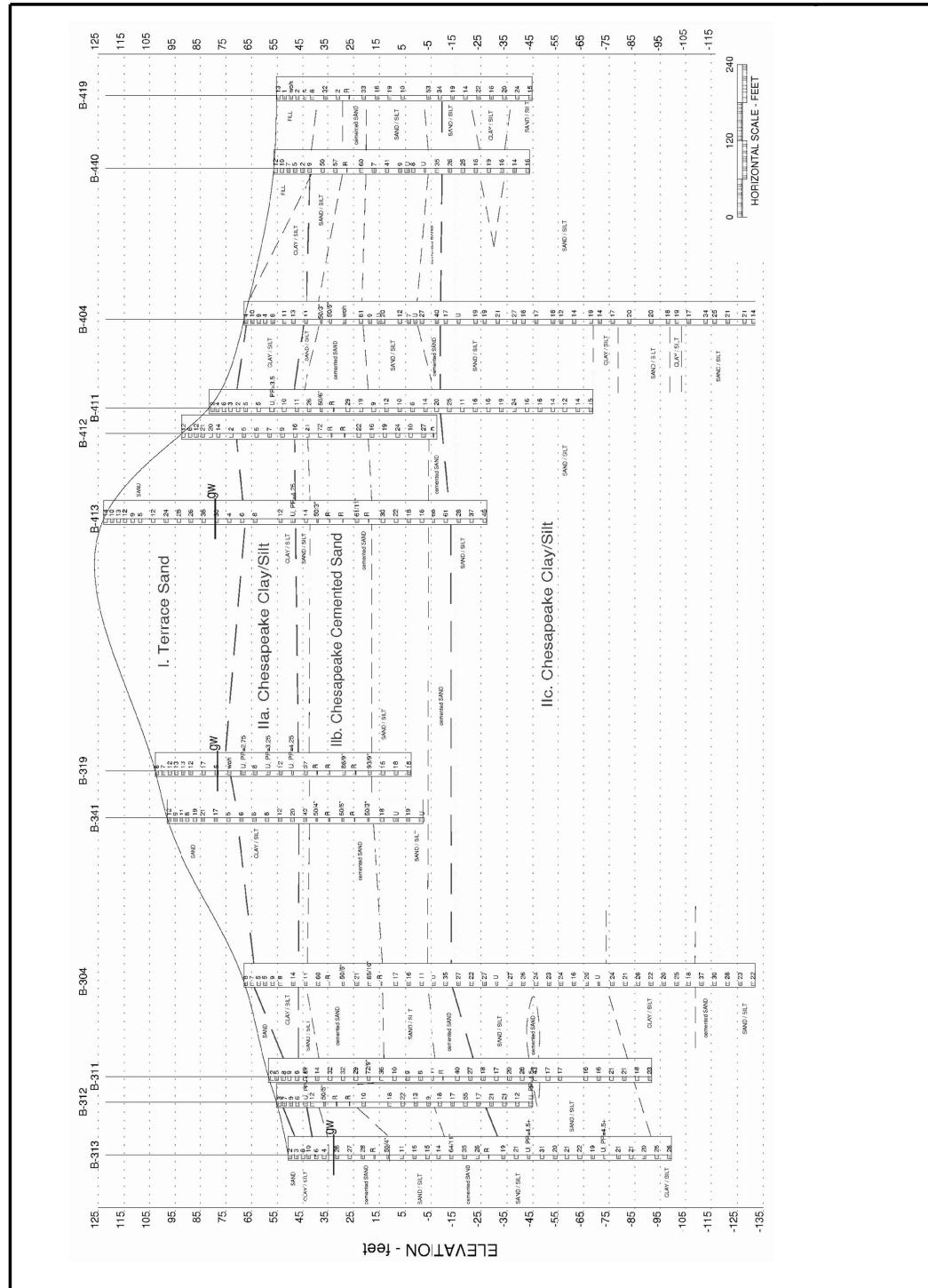
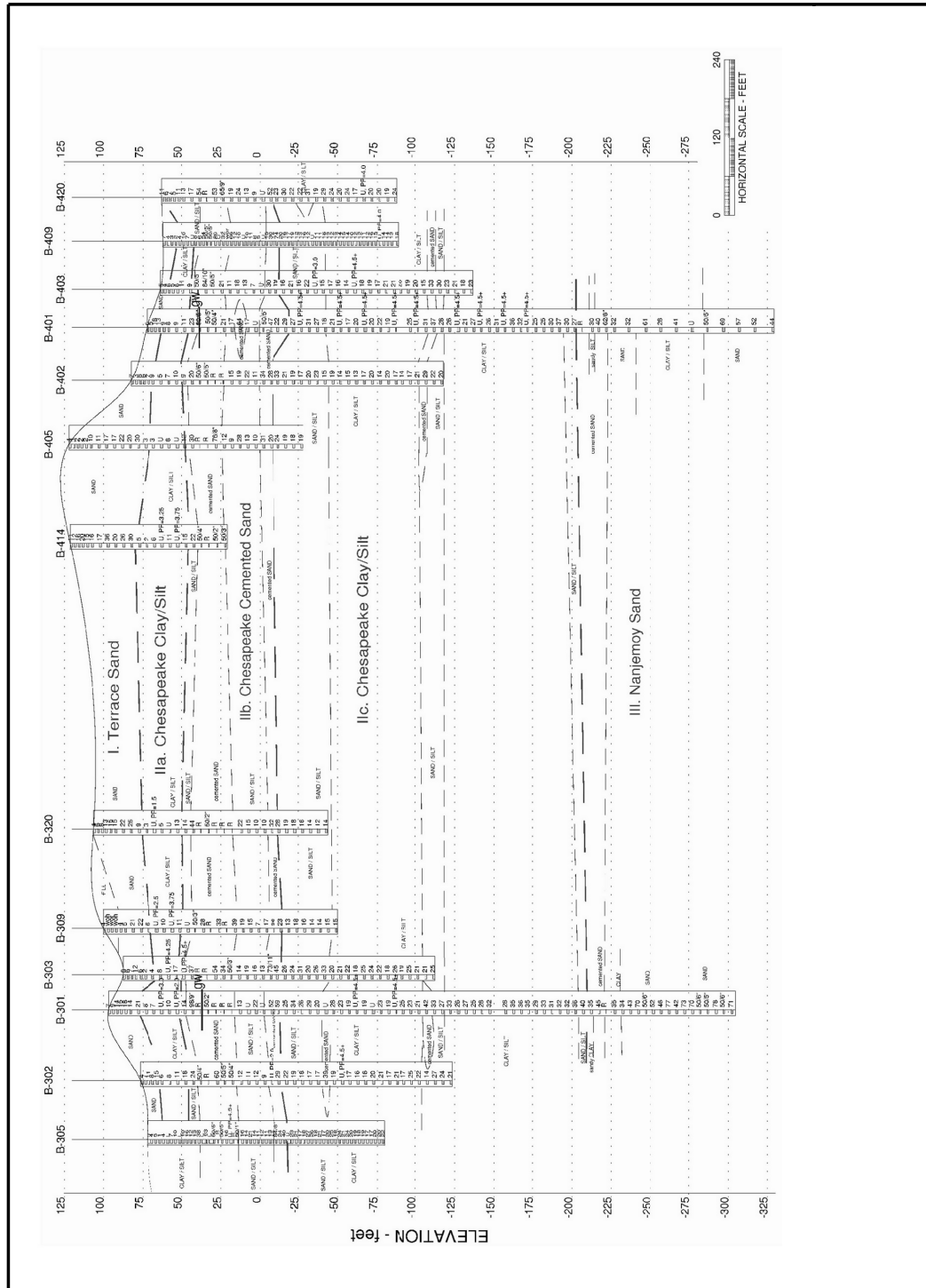


Figure 2.5-108—{Inferred Subsurface Profile NS-2}



CCNPP Unit 3



### Figure 2.5-1 10—{Inferred Subsurface Profile NS-4}

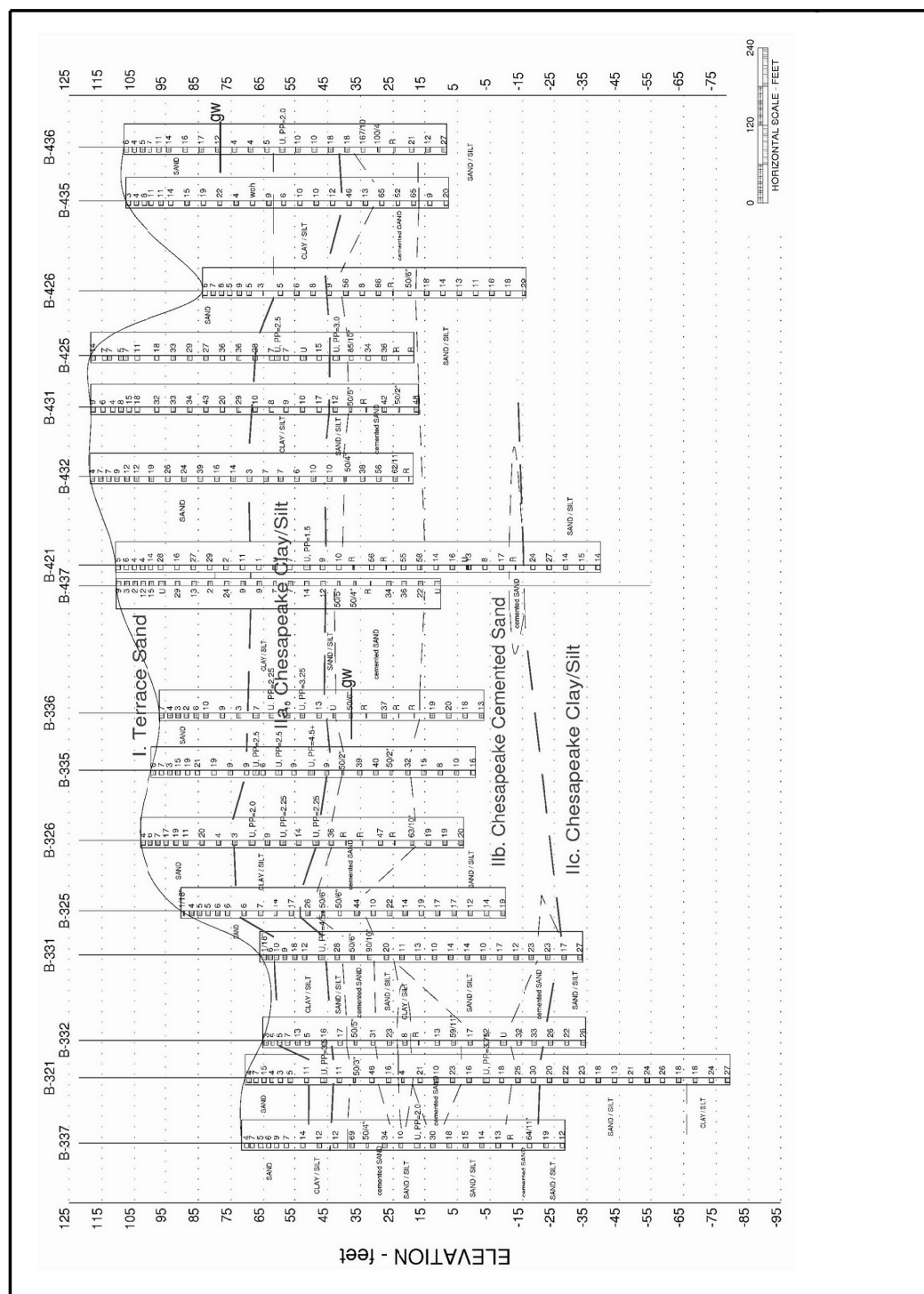




Figure 2.5-111—{Inferred Subsurface profile IDP-1}

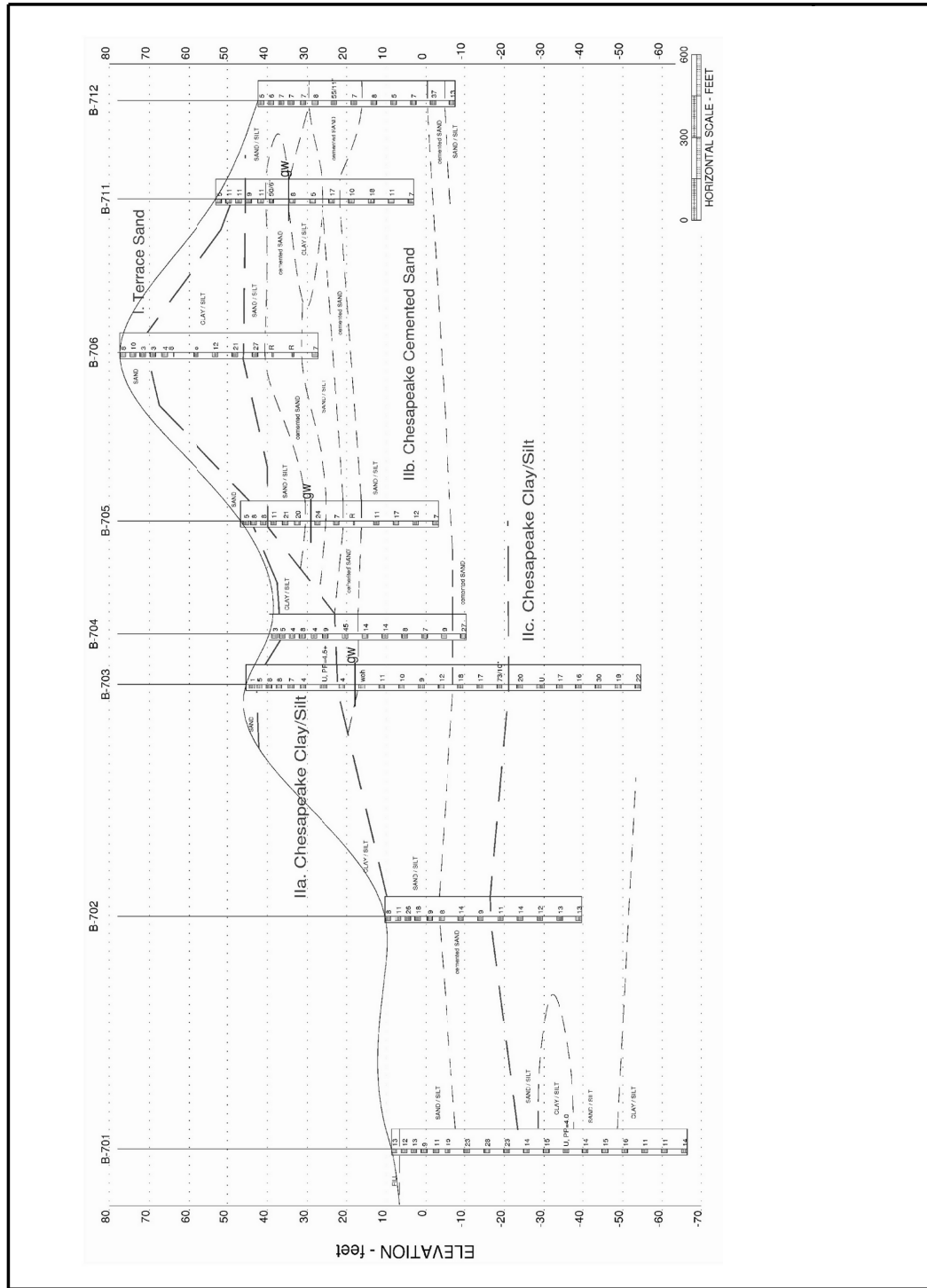
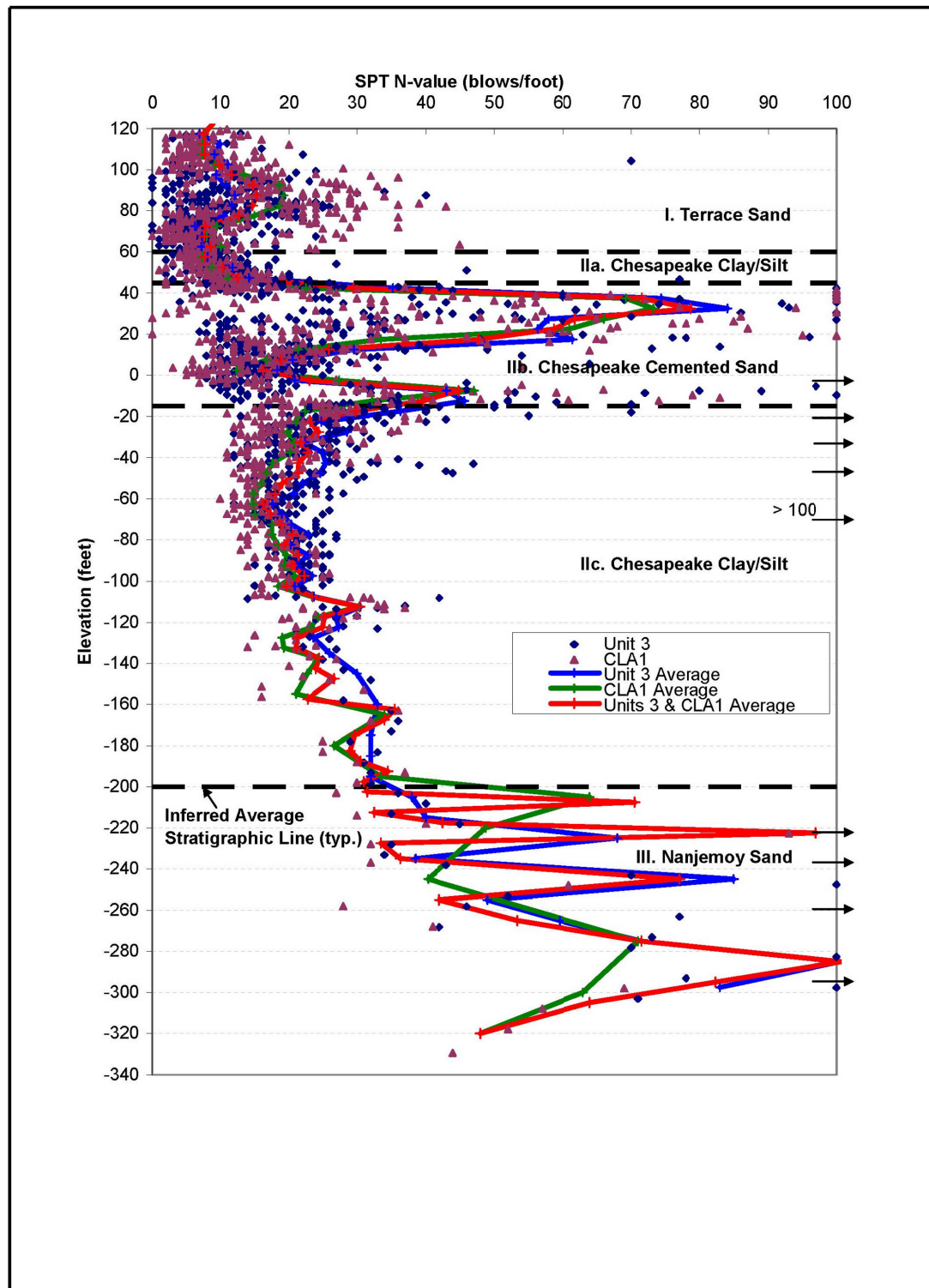
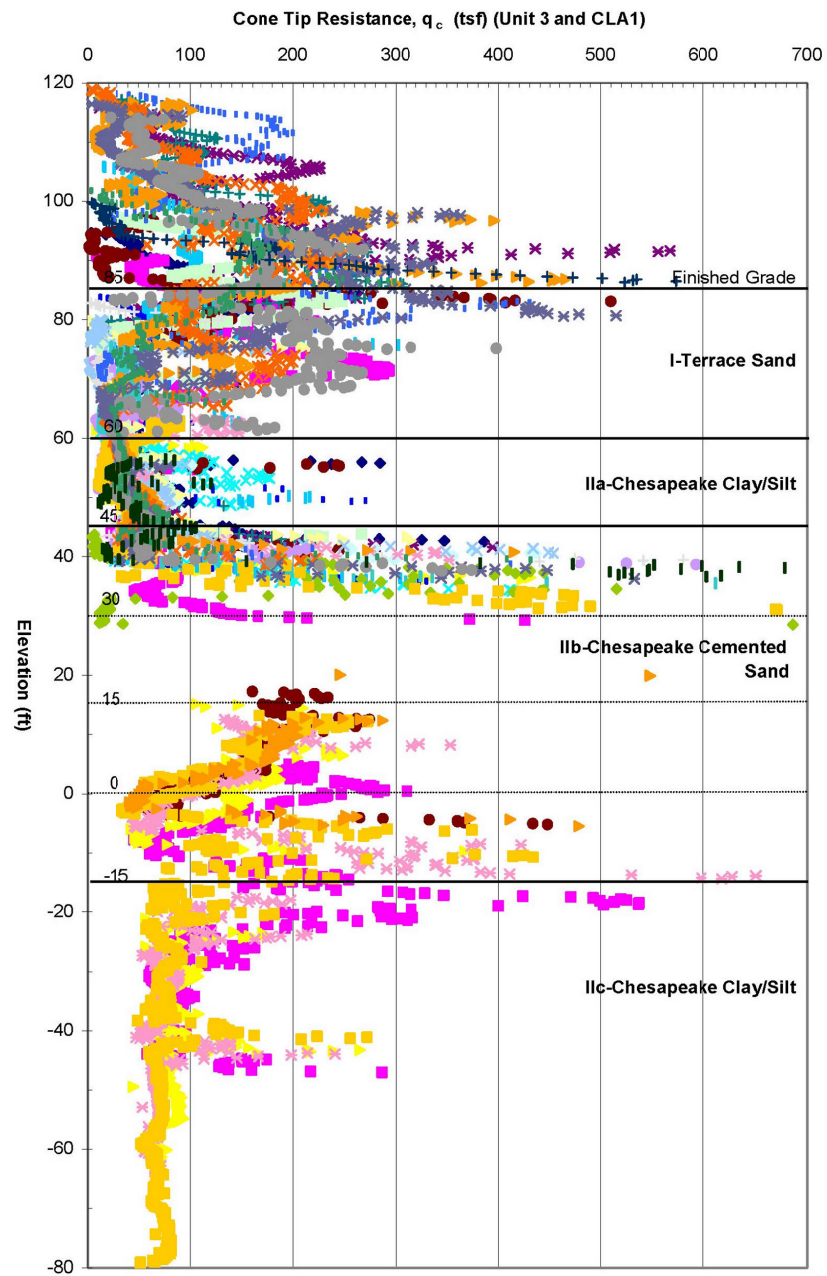


Figure 2.5-112—{Measured Standard Penetration Test N-Values}



**Figure 2.5-113—{Measured CPT TIP Resistance Values}**



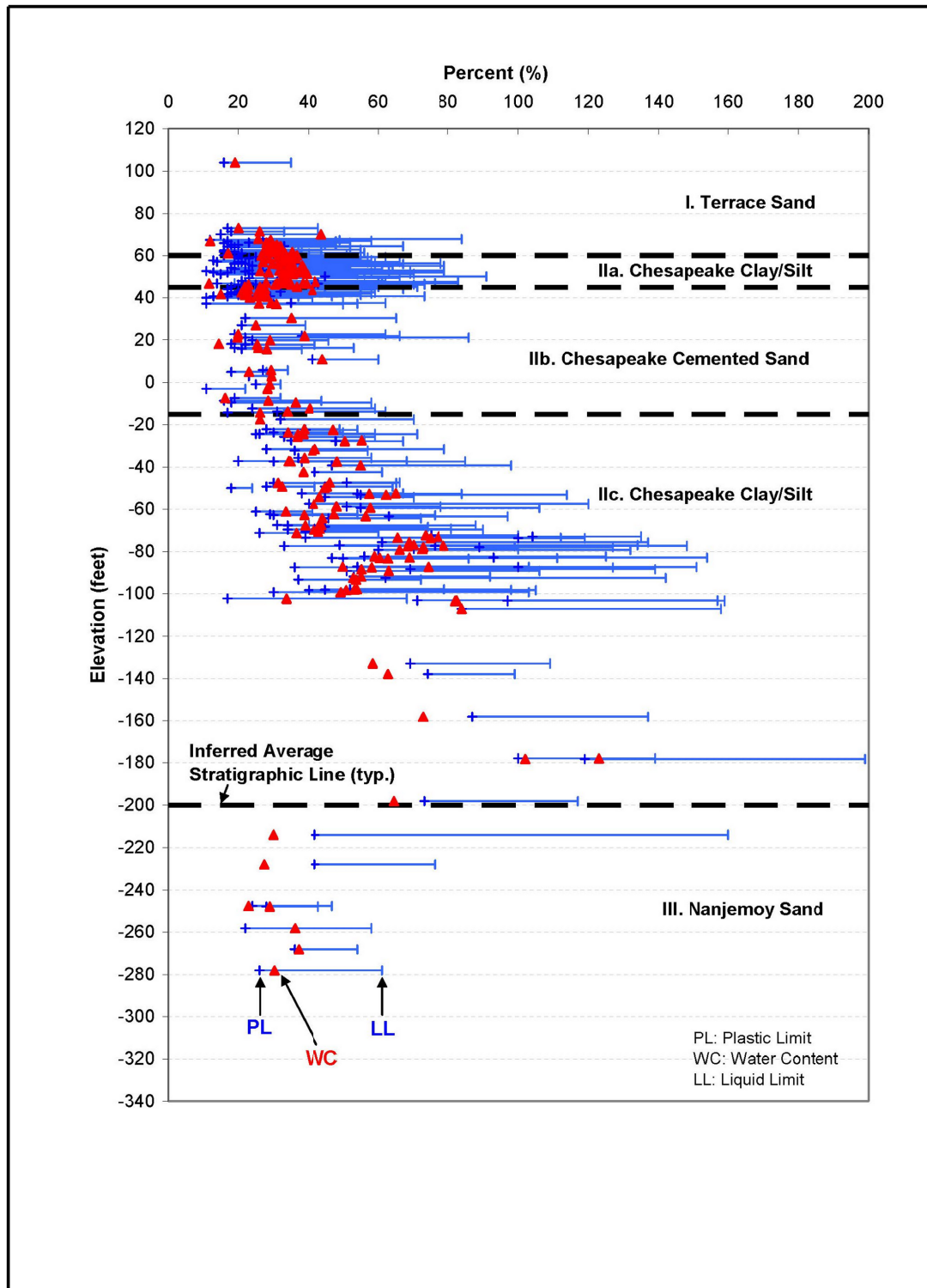
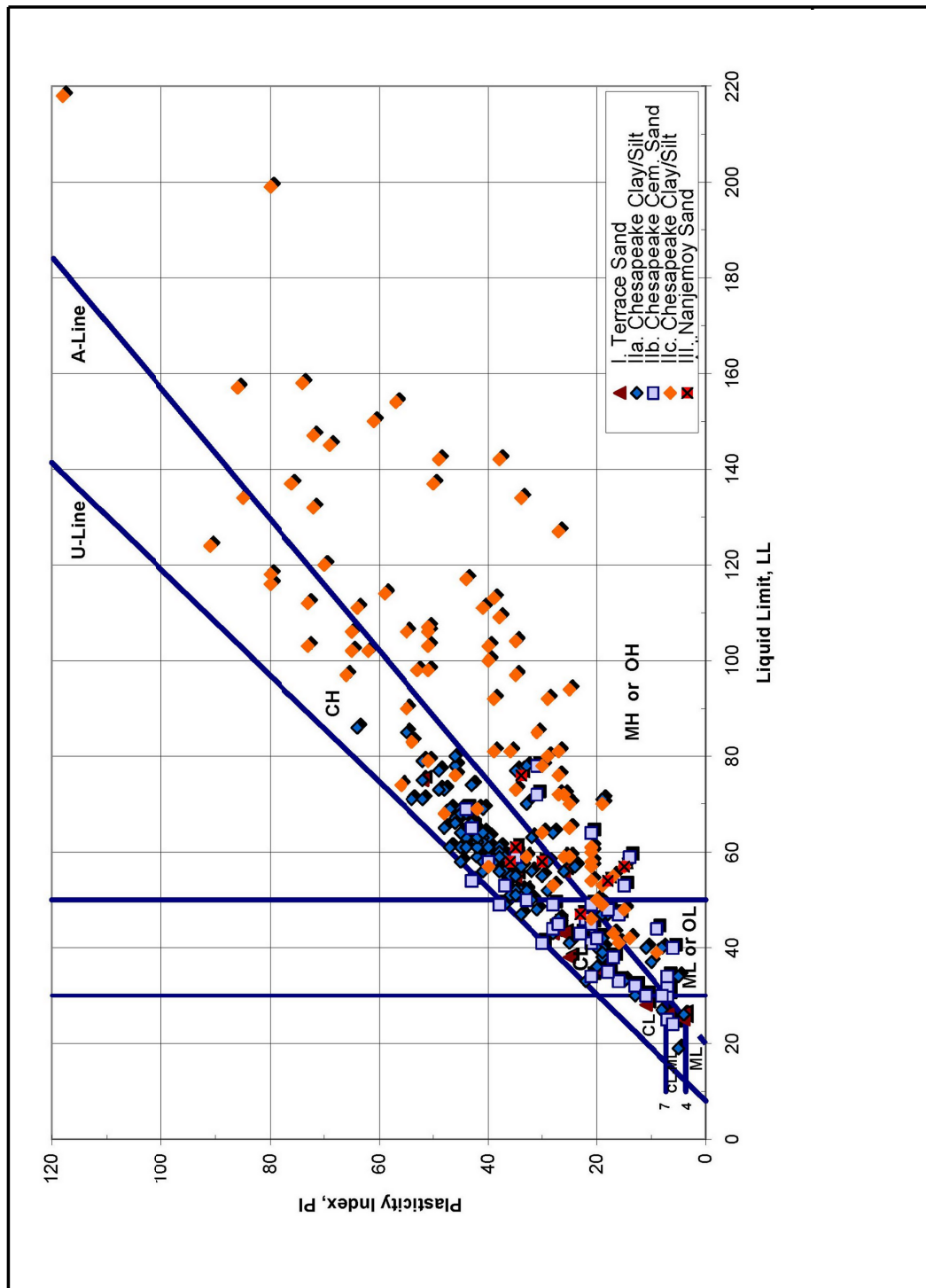
**Figure 2.5-114—{Water Contents and Limits Profile}**

Figure 2.5-115—{Plasticity Chart}



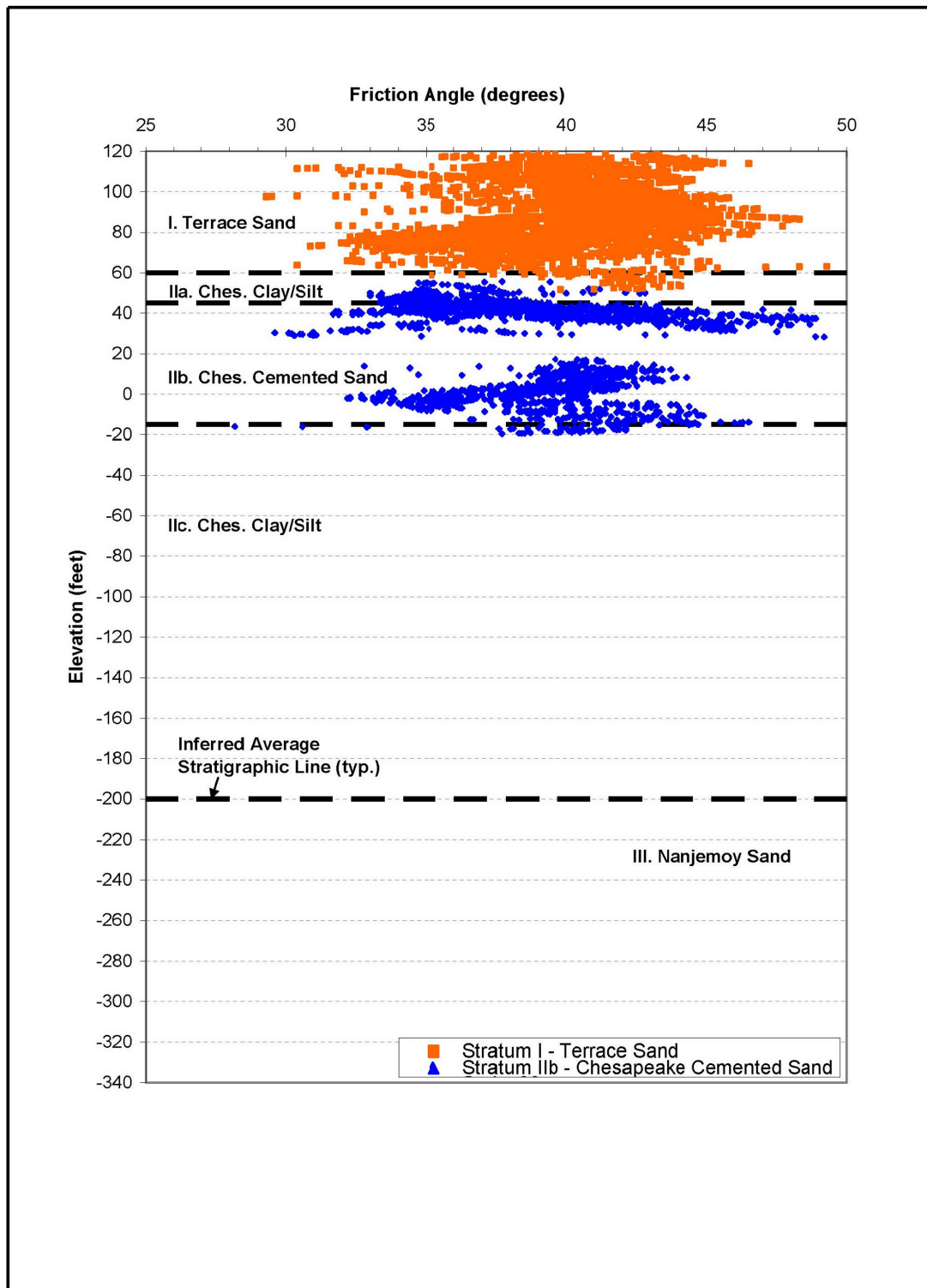
**Figure 2.5-116—{Friction Angle Interpretation from CPT Results}**

Figure 2.5-117—{Preconsolidation Pressure from Laboratory Testing}

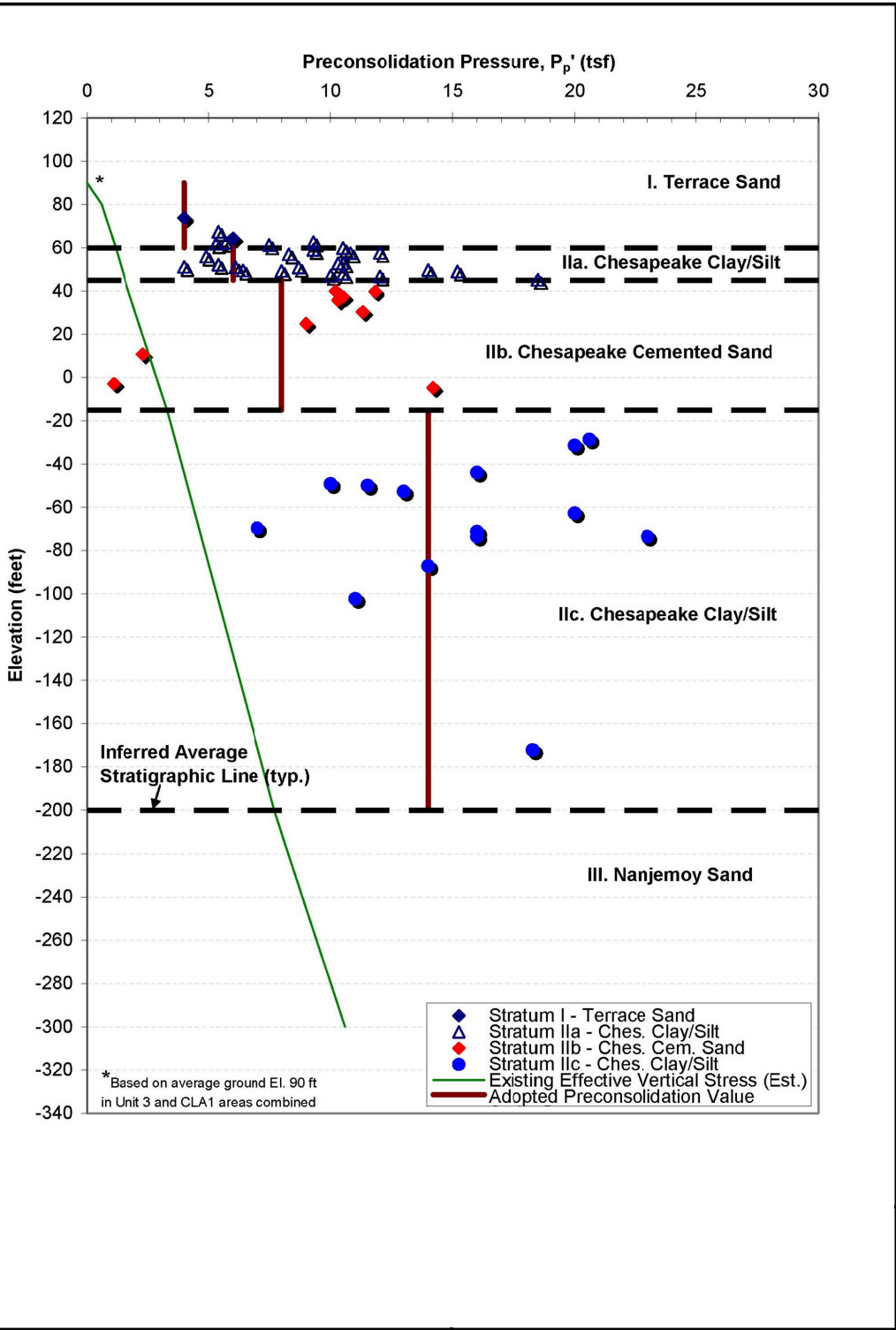
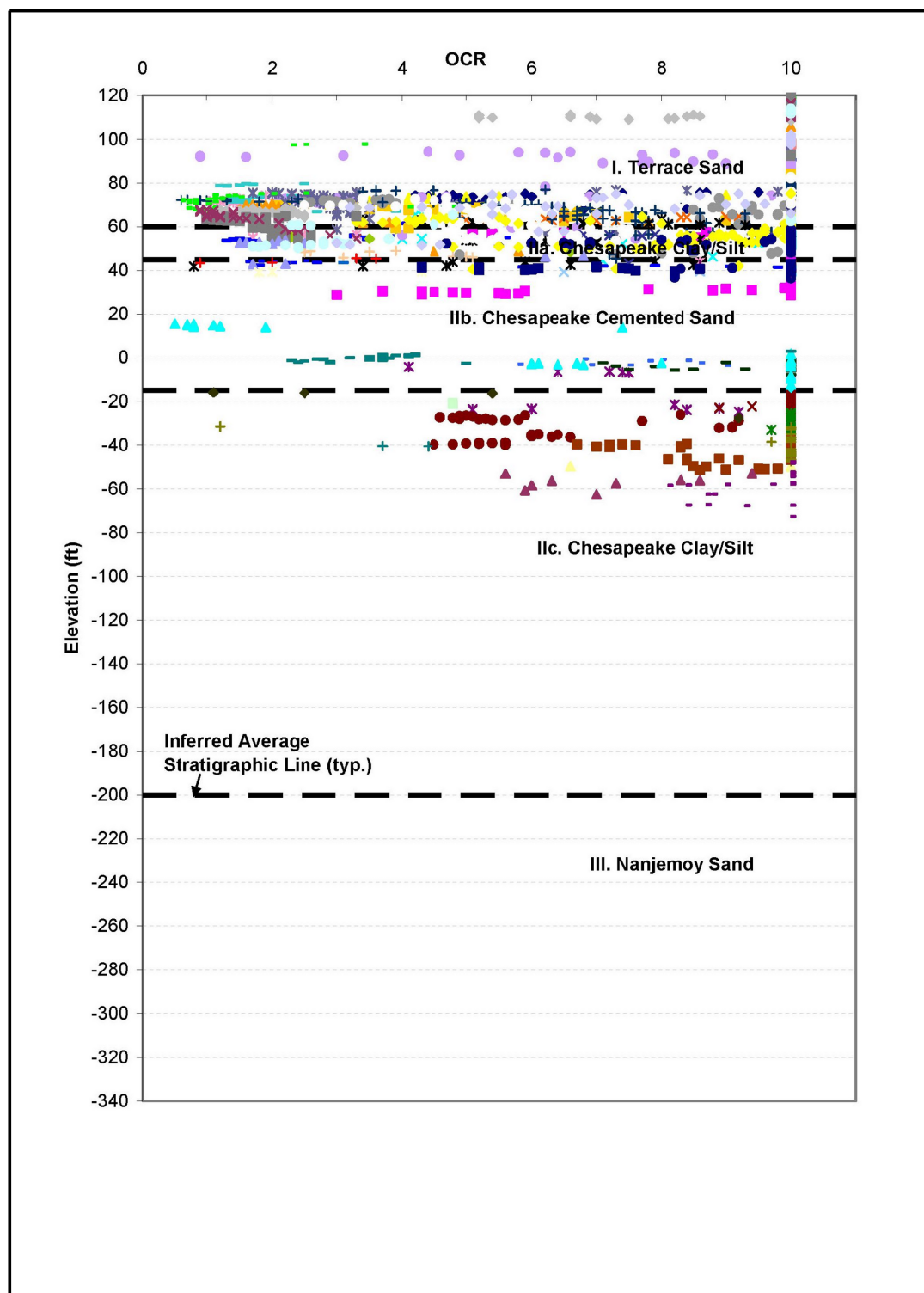


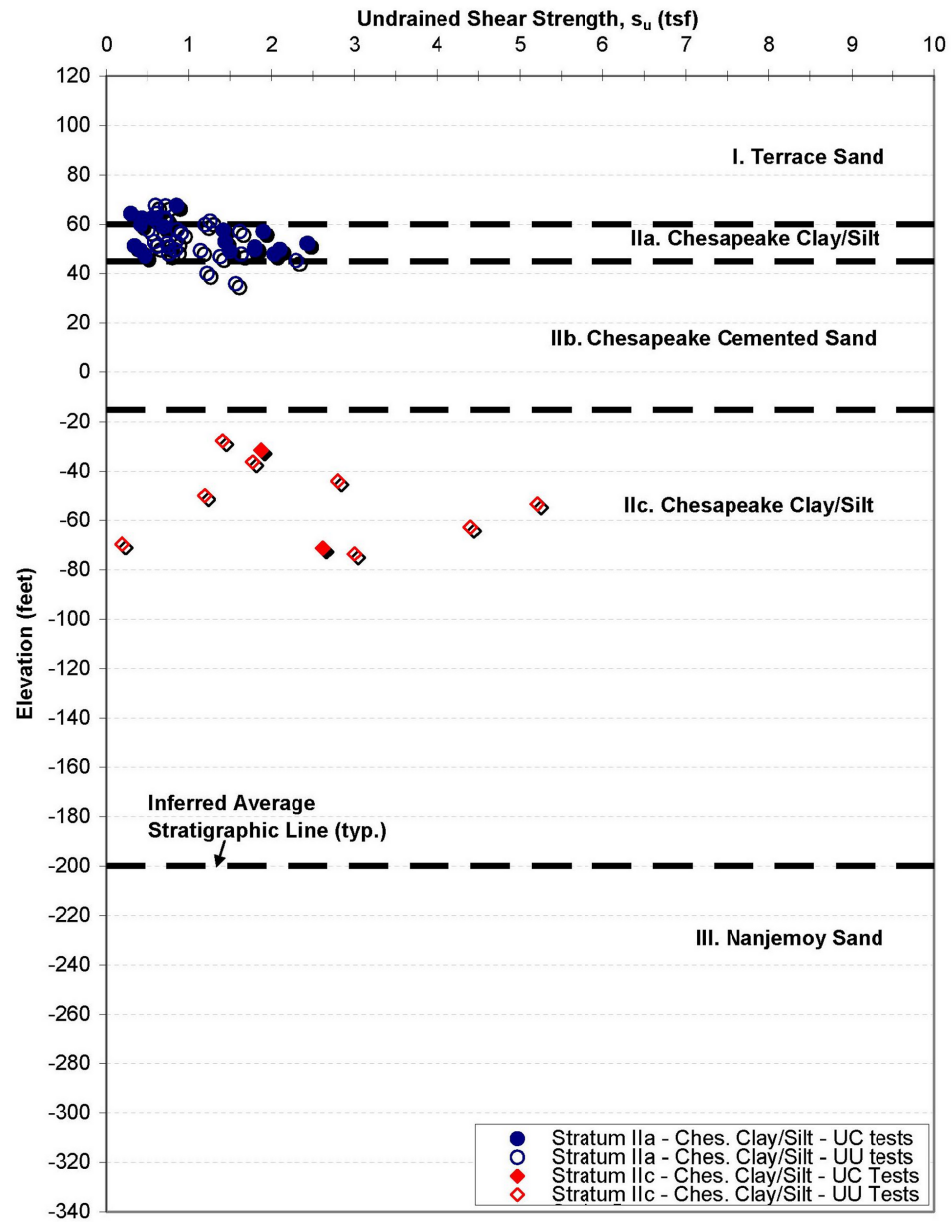


Figure 2.5-118—{OCR Interpretation from CPT Results}





**Figure 2.5-119—{Undrained Shear Strength from Laboratory Tests}**



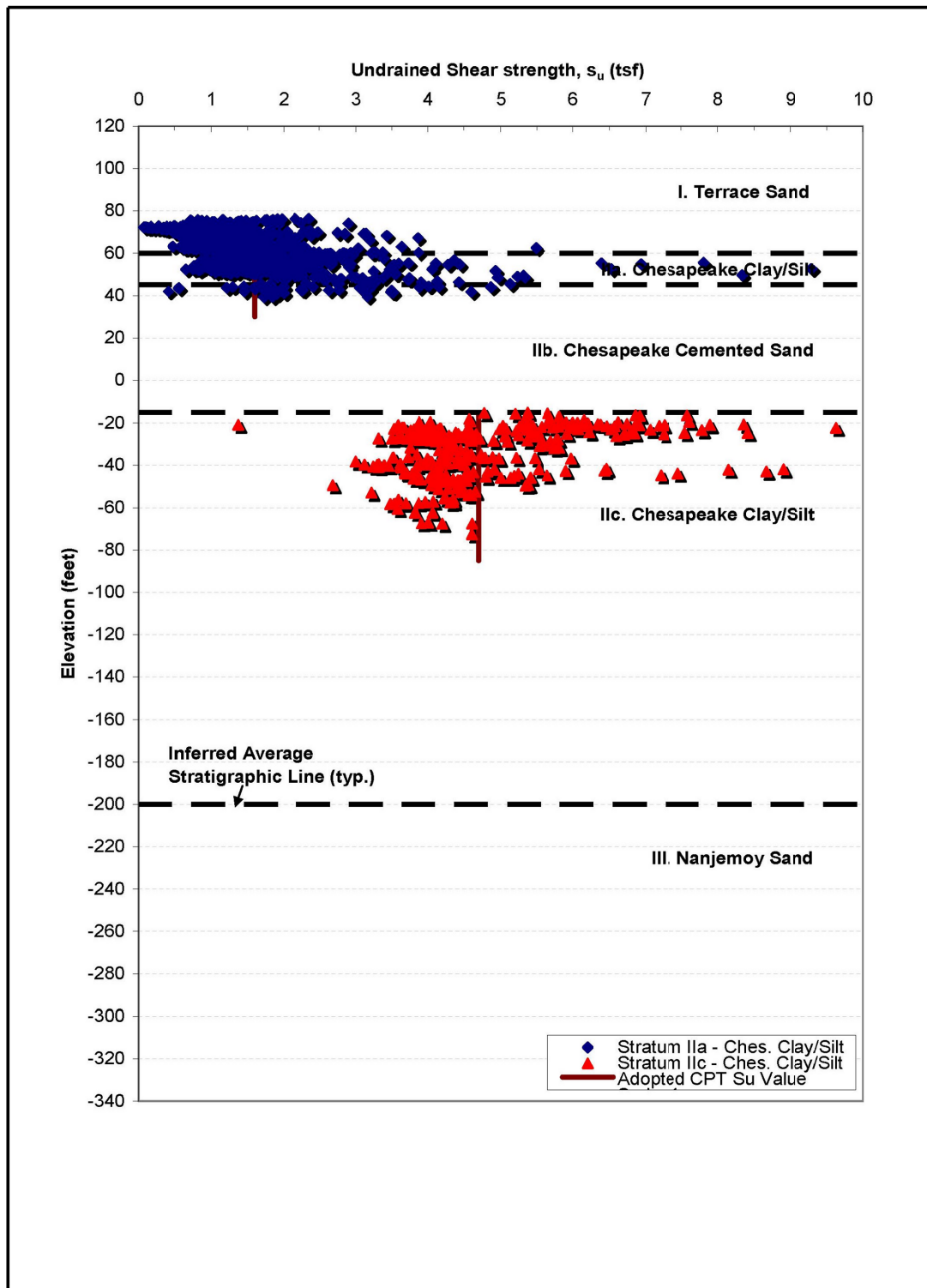
**Figure 2.5-120—{Undrained Shear Strength Interpreted from CPT Data}**

Figure 2.5-121—{Uphole Seismic Survey Results from UFSAR}

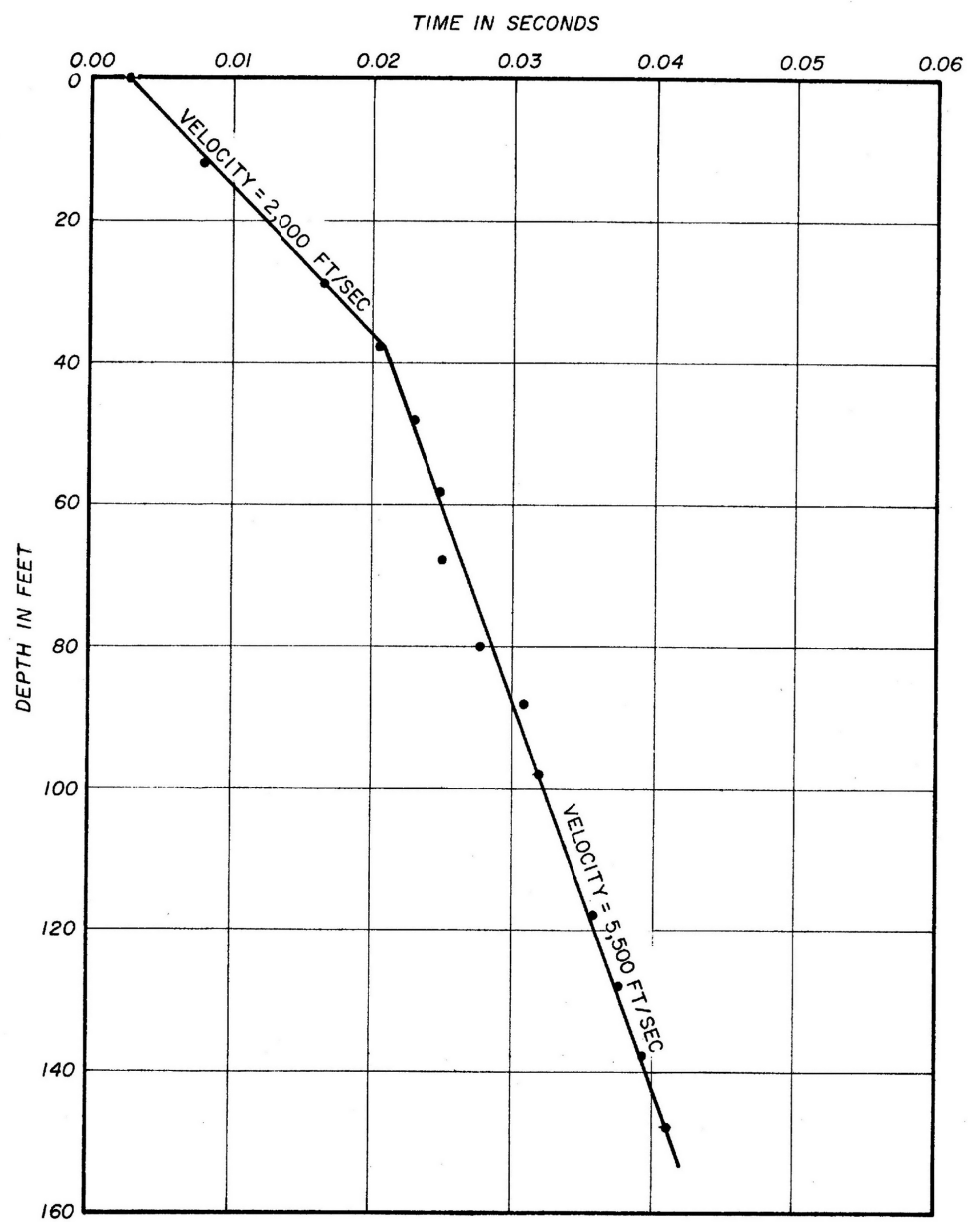
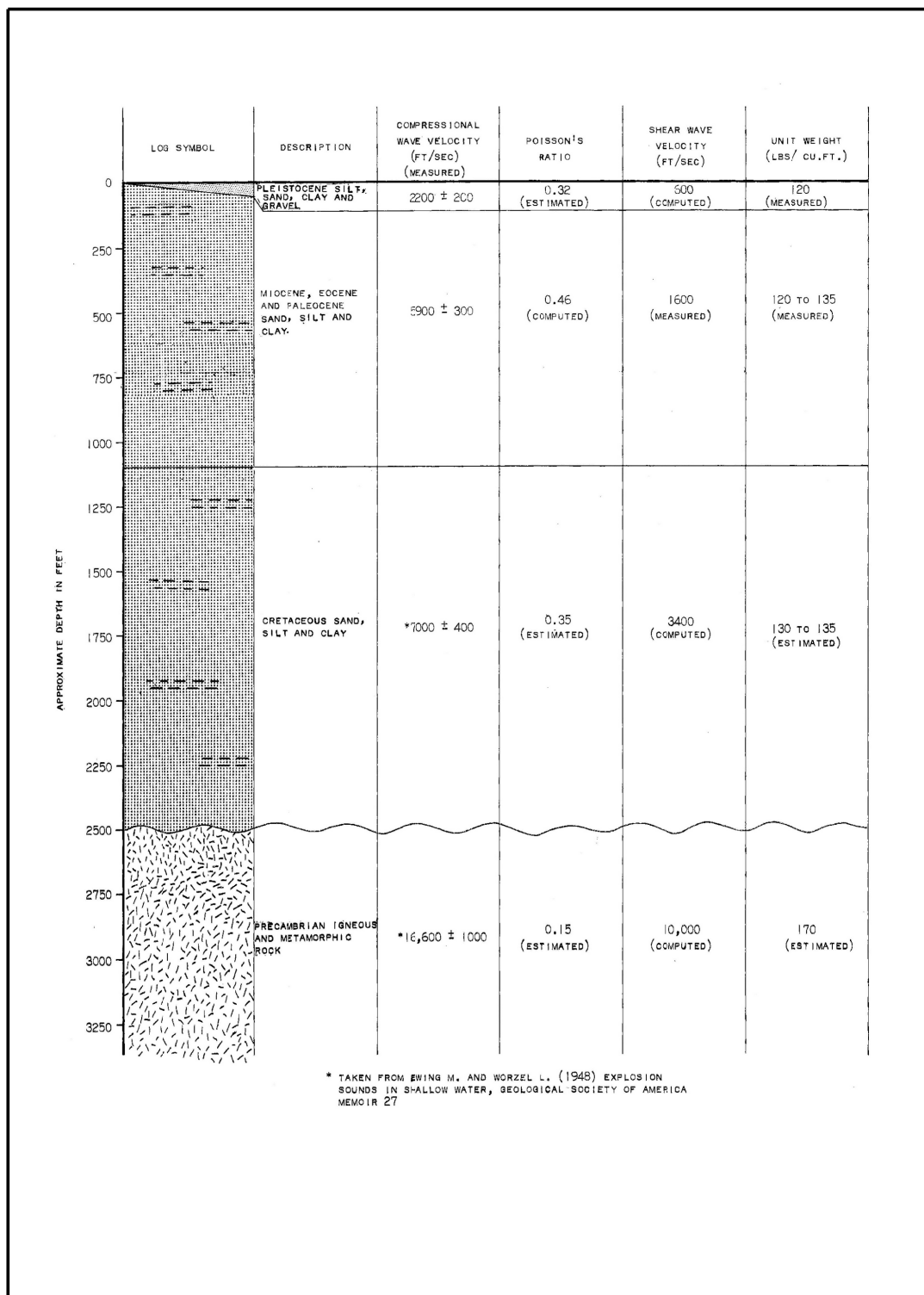
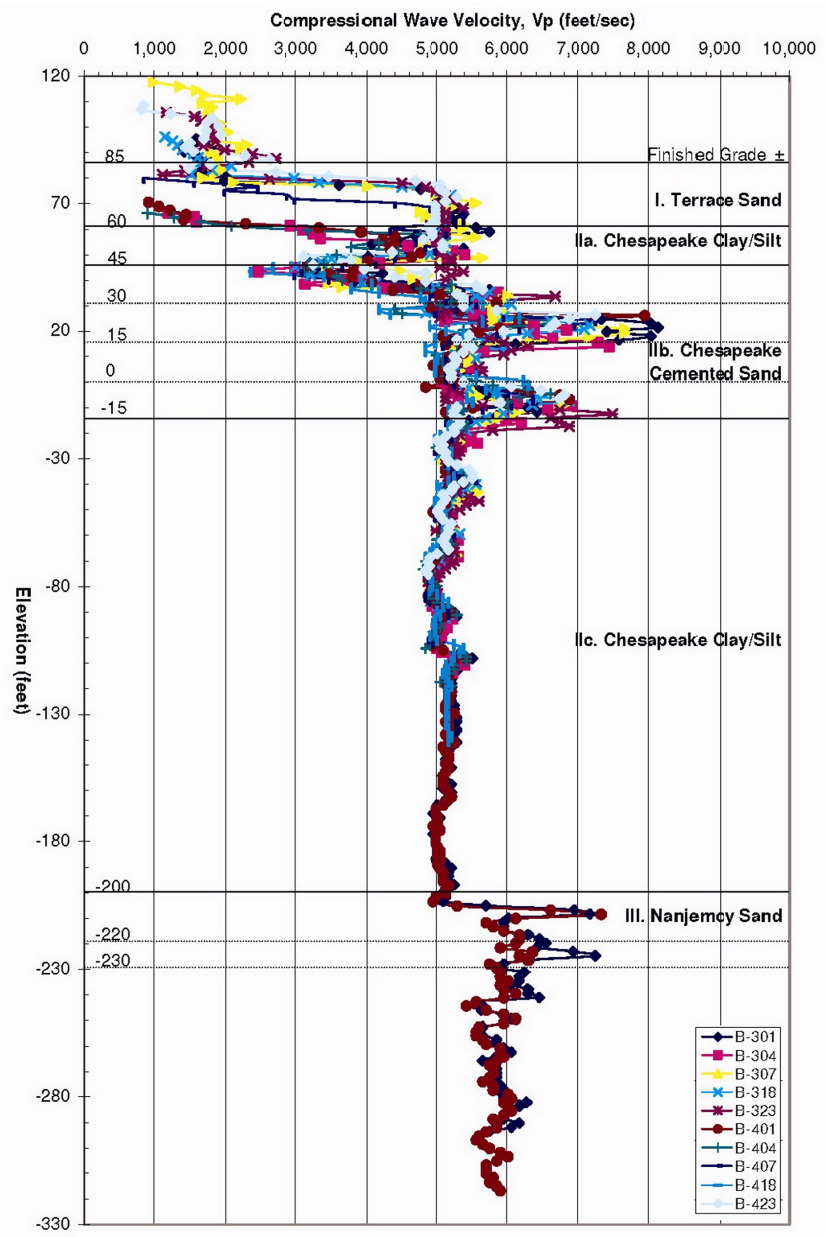
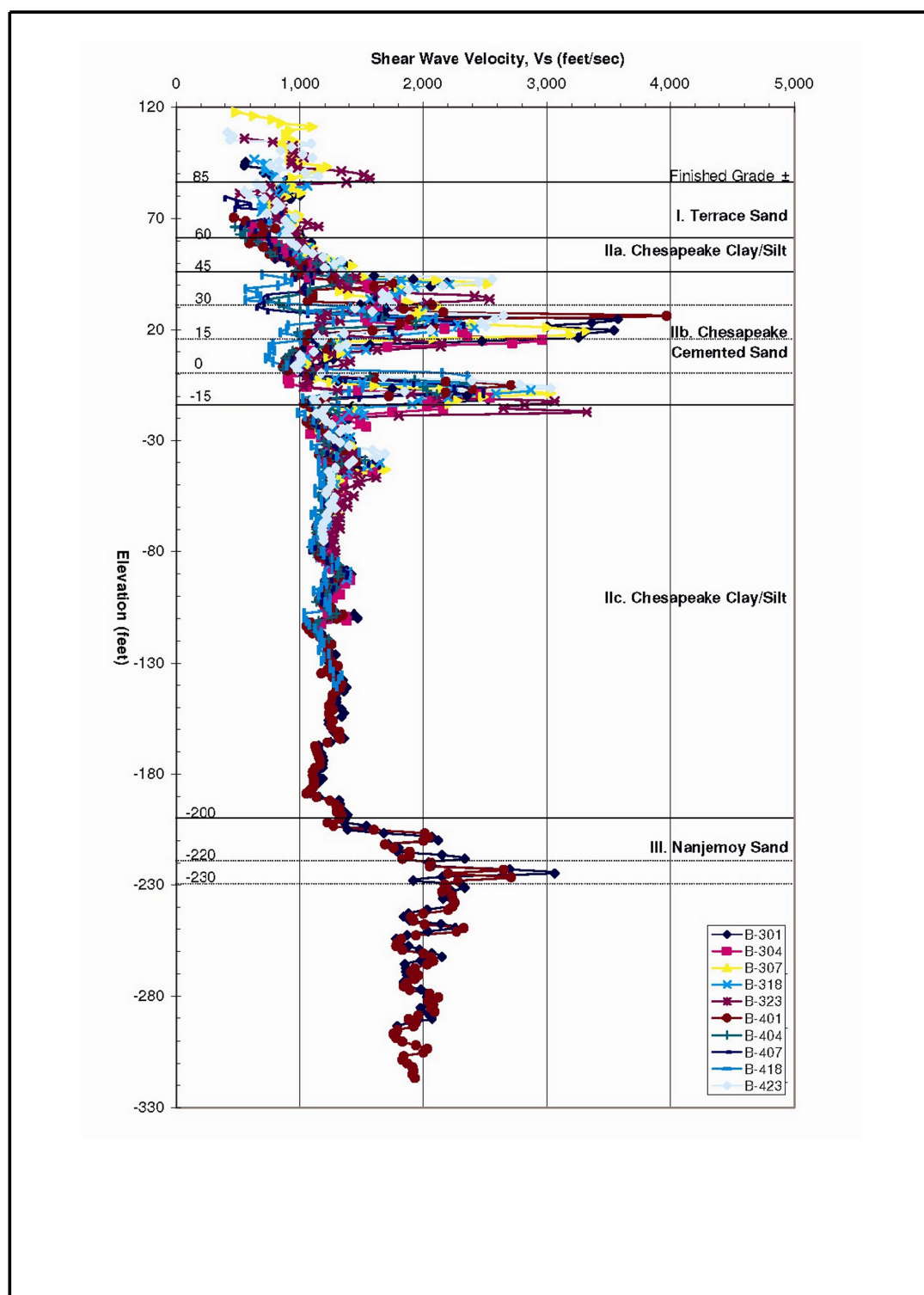


Figure 2.5-122—{Geophysical Model of the Site for Units 1 and 2 from UFSAR}

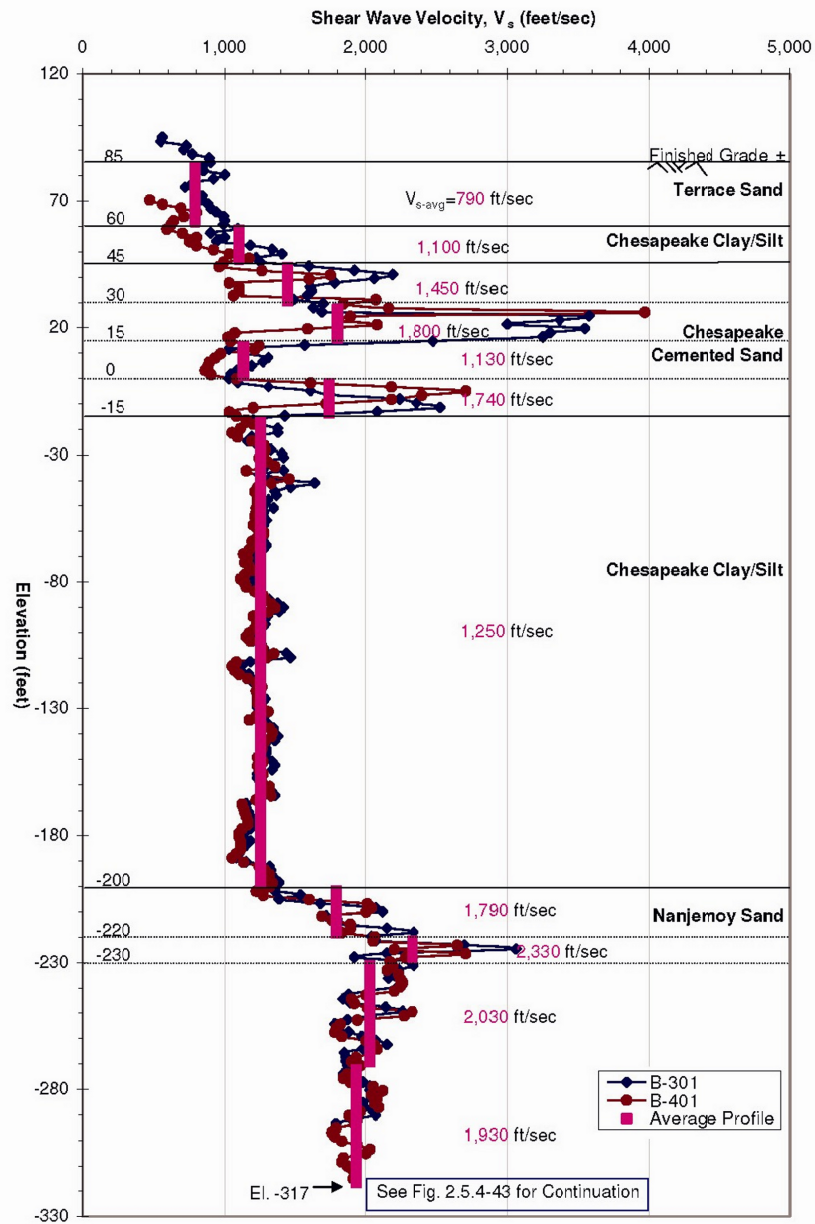


**Figure 2.5-123—{V<sub>p</sub> Measurements from Suspension P-S Velocity Logging}**



**Figure 2.5-124—{ $V_s$  Measurements from Suspension P-S Velocity Logging}**

**Figure 2.5-125—{Average  $V_s$  Measurements from Suspension P-S Velocity Logging}**



**Figure 2.5-126—{Poisson's Ratio from Suspension P-S Velocity Logging}**