

Figure 2.5-76—{ $G/G_{\max}$ Curves Representing Uncertainty in Shear Stiffness for Layer 4 (Chesapeake Clay/Silt)}

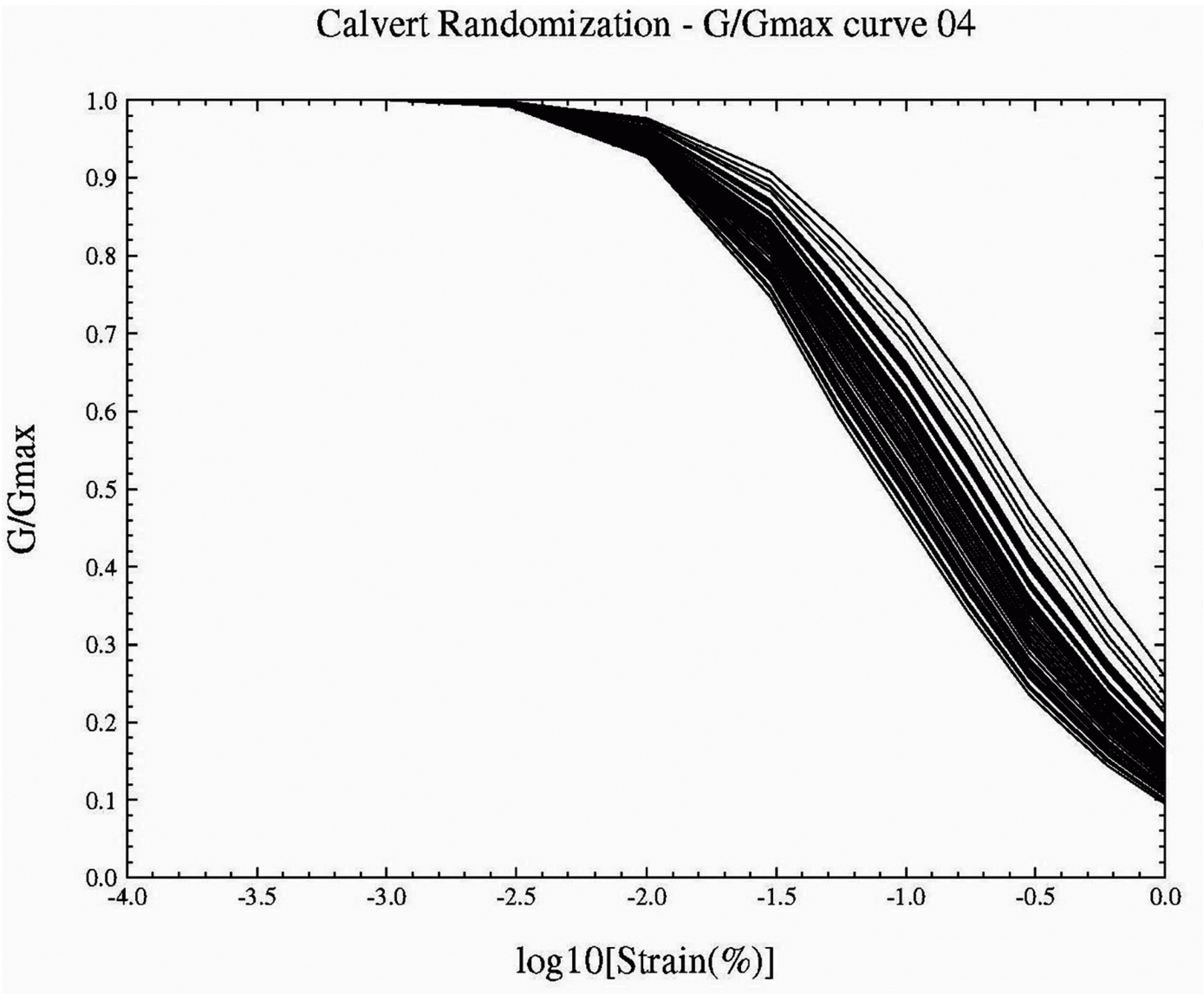


Figure 2.5-77—{Damping Curves Representing Uncertainty in Damping for Layer 4 (Chesapeake Clay/Silt)}

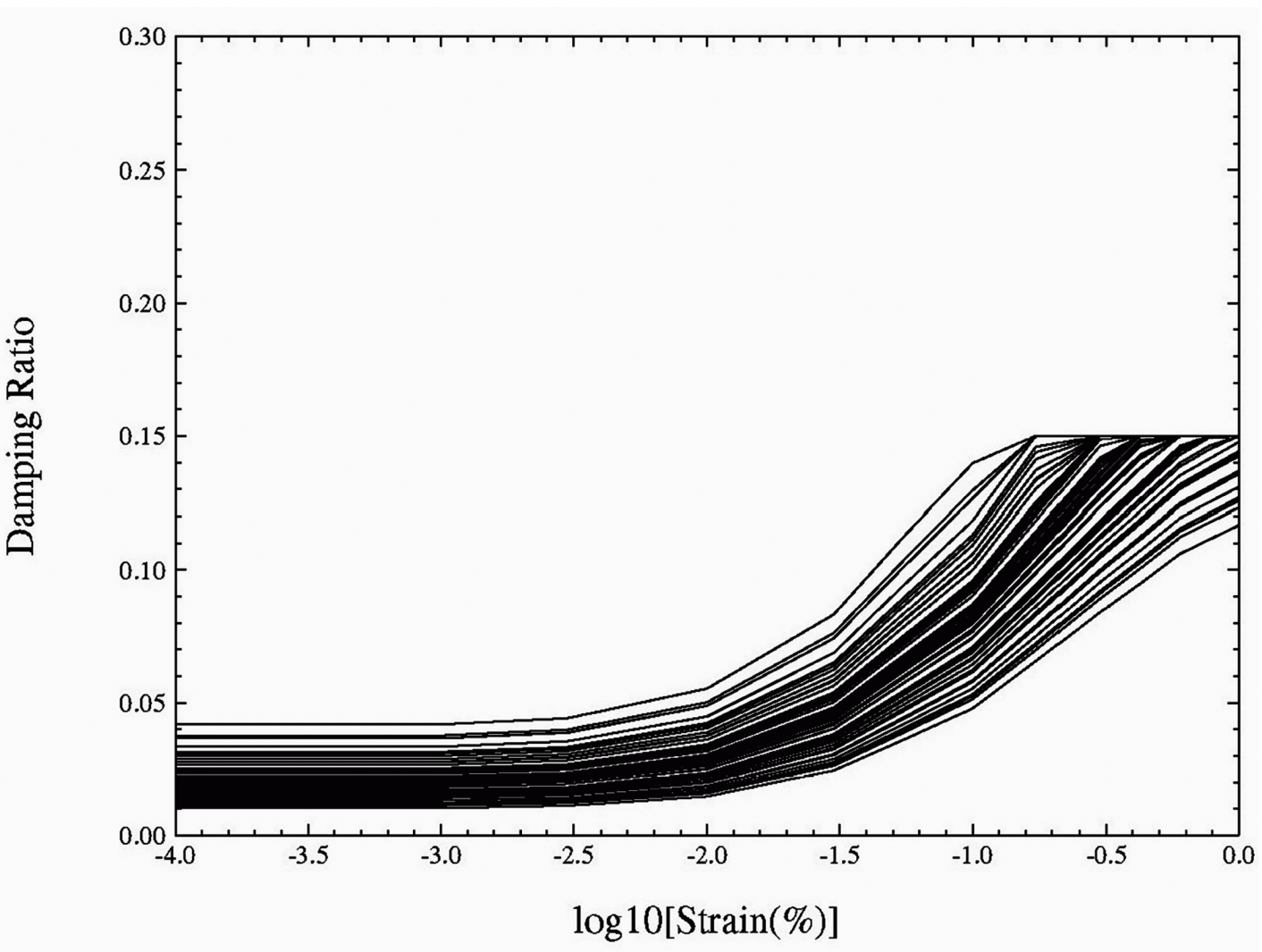
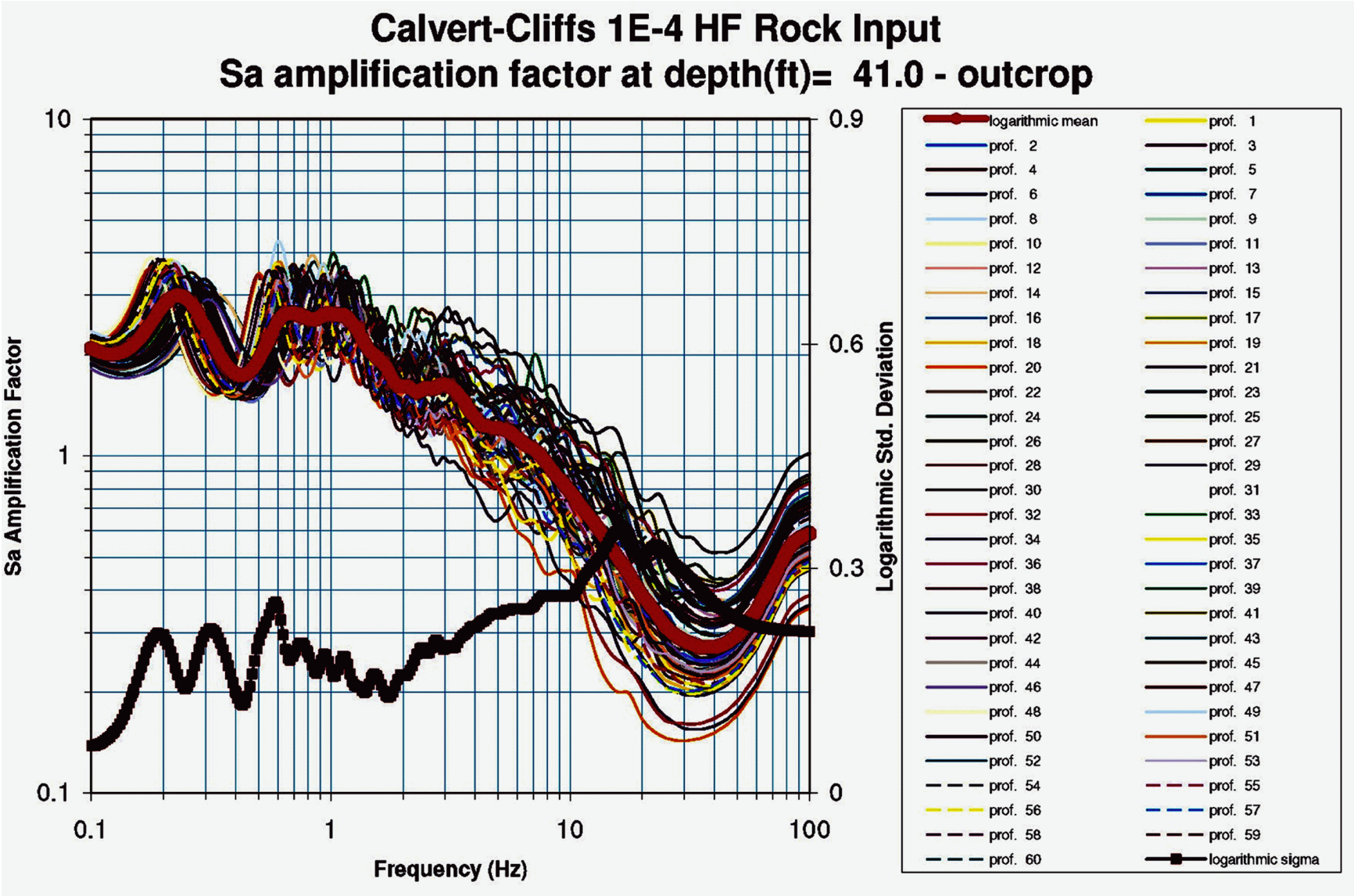


Figure 2.5-78—{Logarithmic Mean Site Amplification Factor and Standard Deviation at 41' Depth for 10⁻⁴ HF Input Motion}



Calvert-Cliffs 1E-4 HF Rock Input Maximum Strain

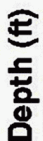


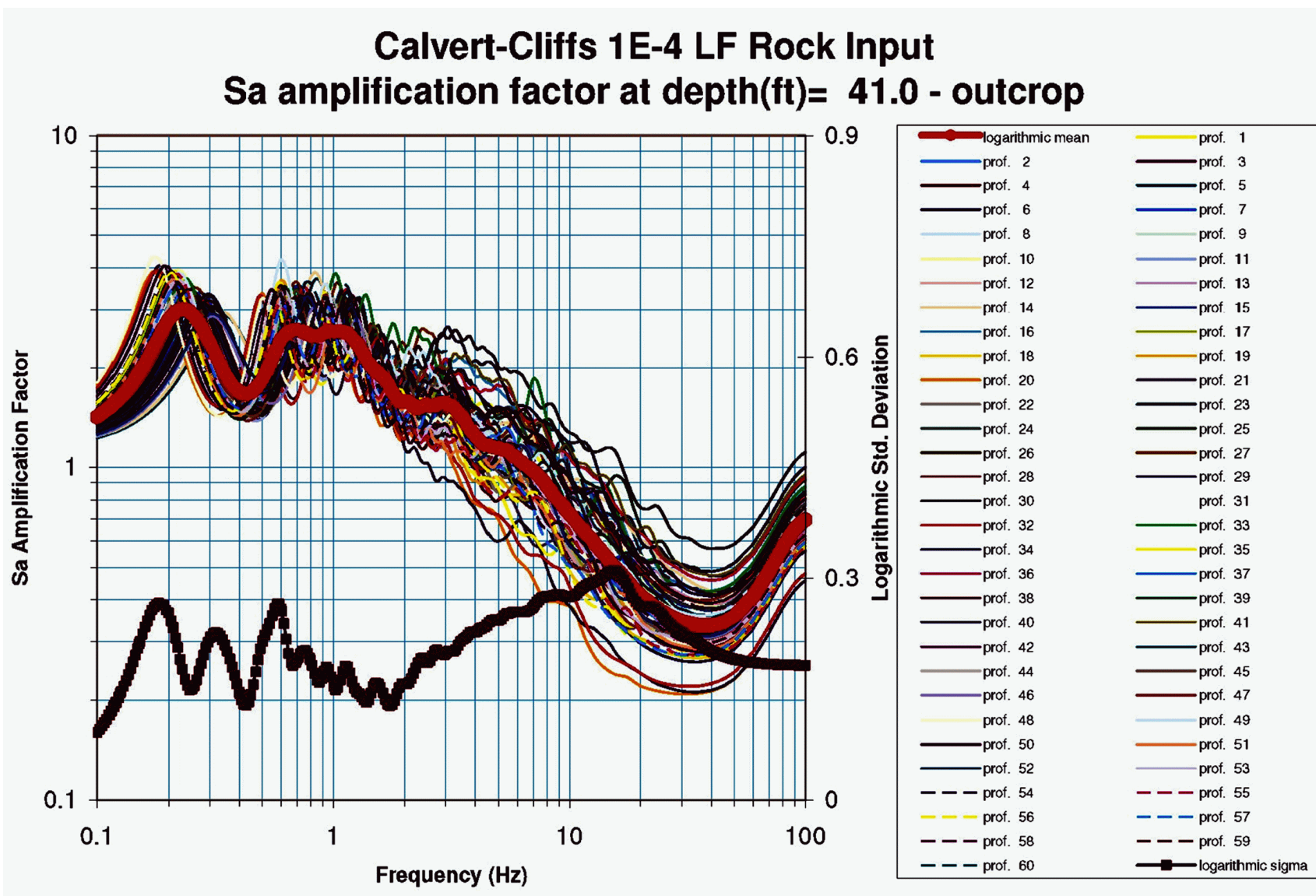
Figure 2.5-80—{Logarithmic Mean Site Amplification Factor and Standard Deviation at 41' Depth for 10^{-4} LF Input Motion}

Figure 2.5-81—{Maximum Strains vs. Depth for 10^{-4} LF Input Motion}

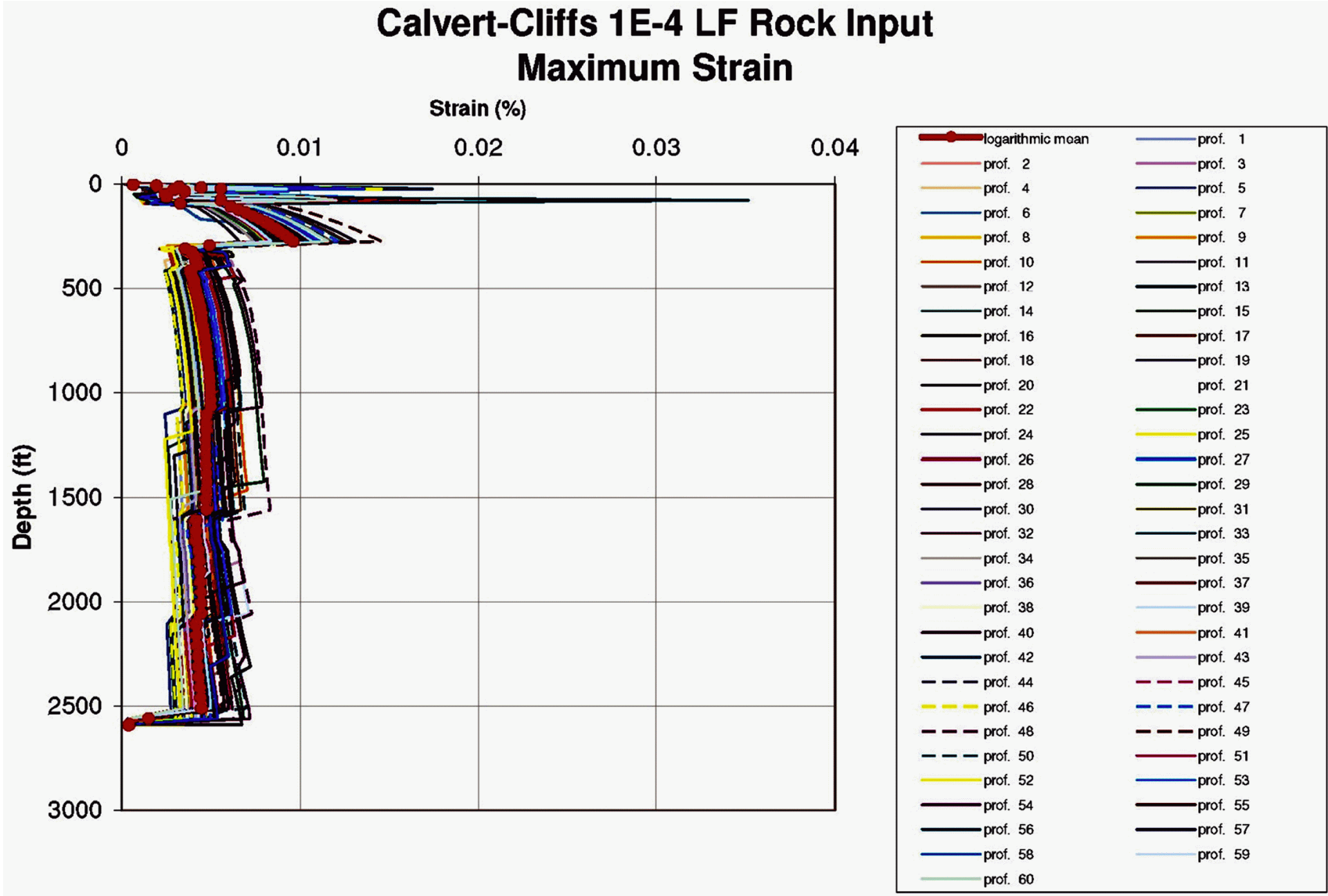


Figure 2.5-82—{Logarithmic Mean Site Amplification Factor and Standard Deviation at 41' Depth for 10^{-5} LF Input Motion}

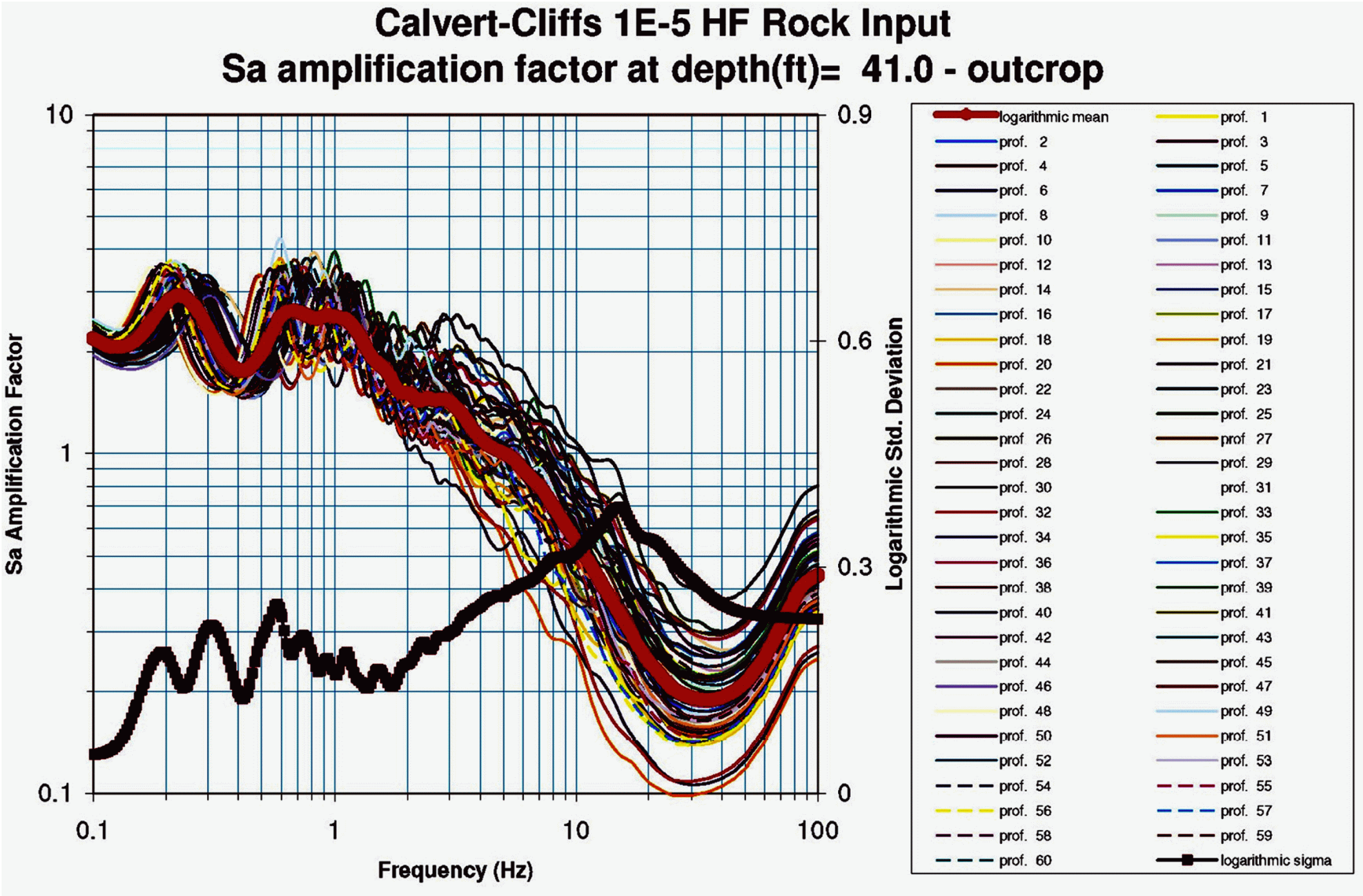


Figure 2.5-83—{Maximum Strains vs. Depth for 10^{-5} HF Input Motion}

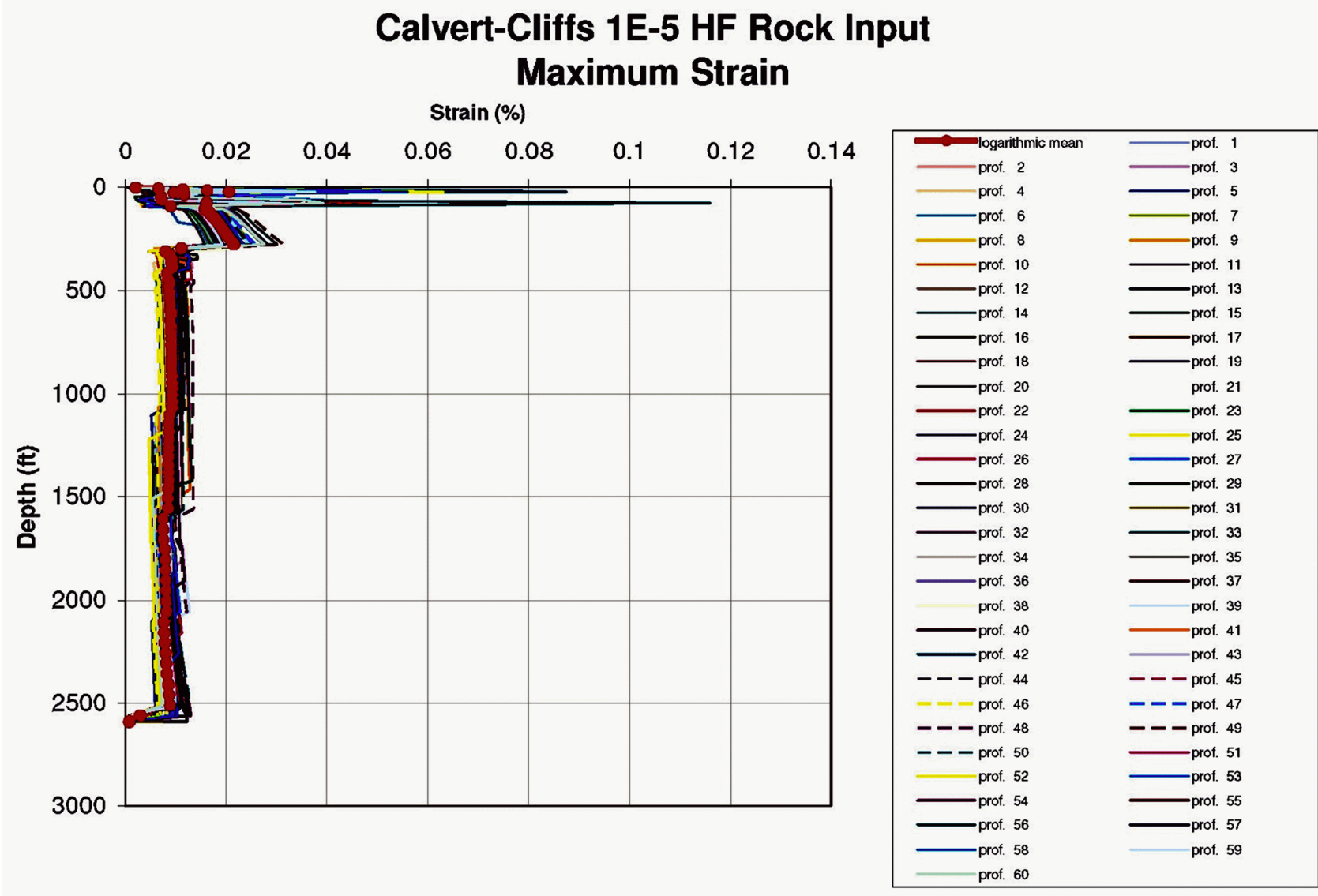


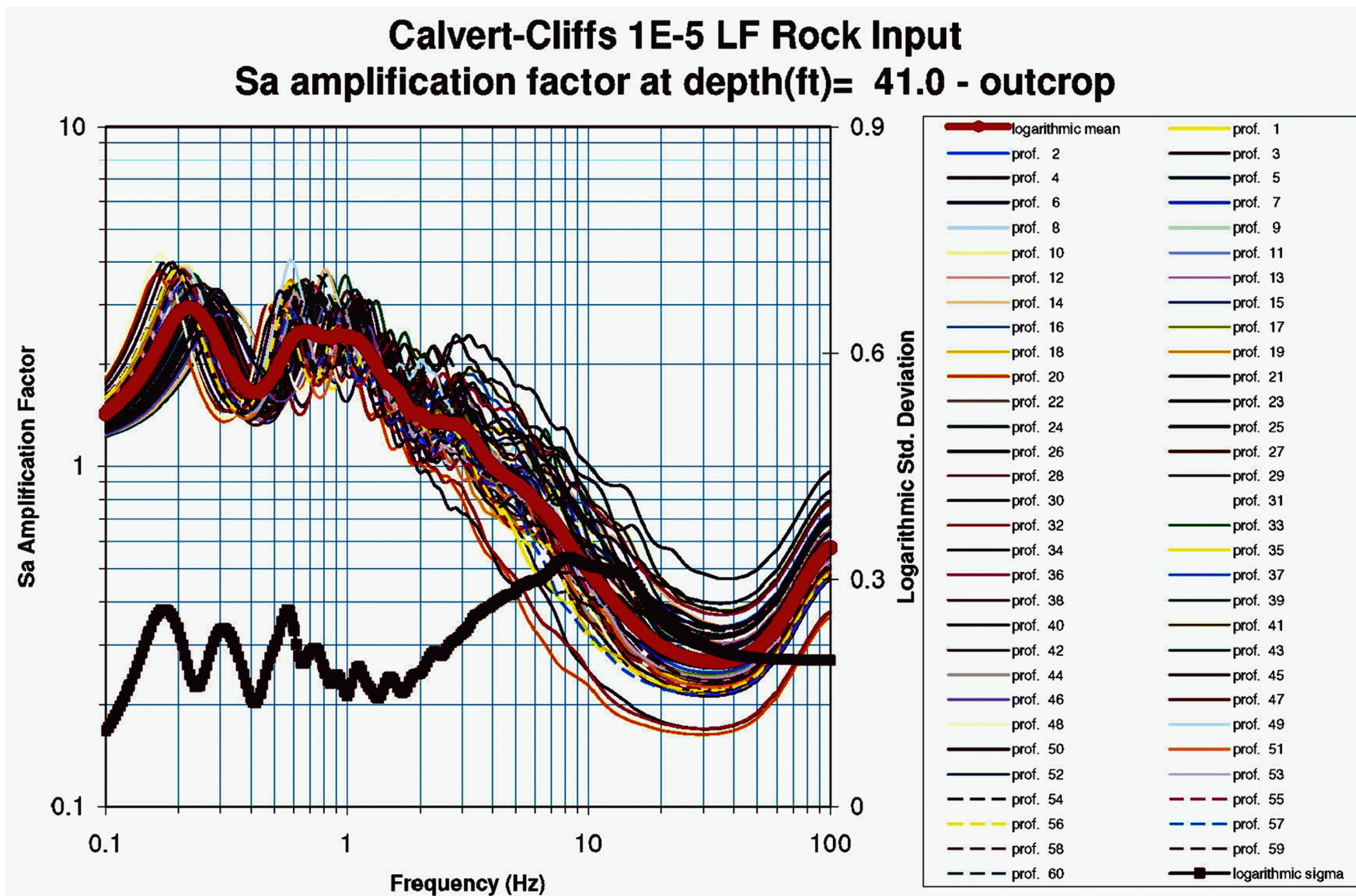
Figure 2.5-84—{Logarithmic Mean Site Amplification Factor and Standard Deviation at 41 ft Depth for 10^{-5} LF Input Motion}

Figure 2.5-85—{Maximum Strains vs Depth for 10⁻⁵ LF Input Motion}

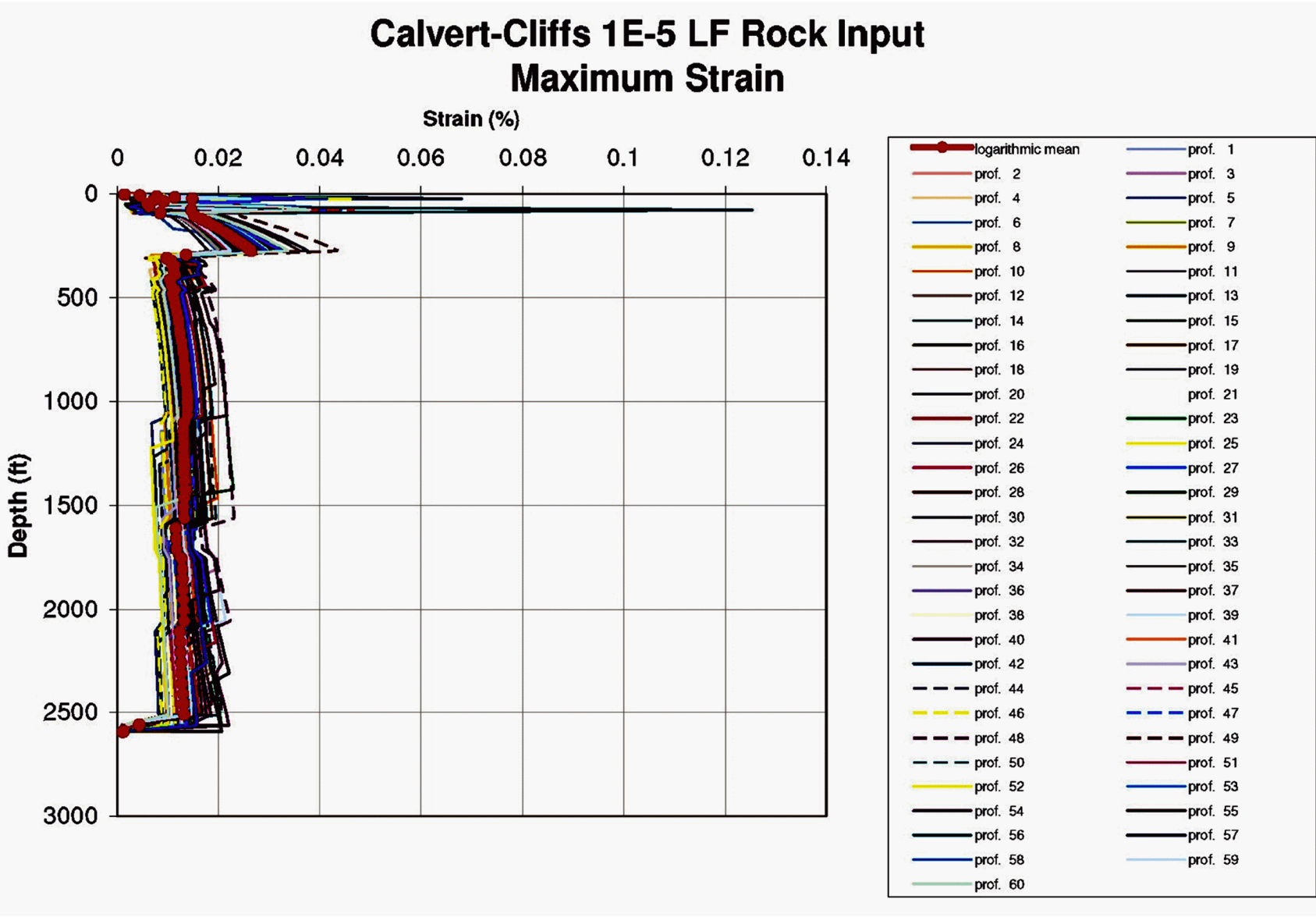


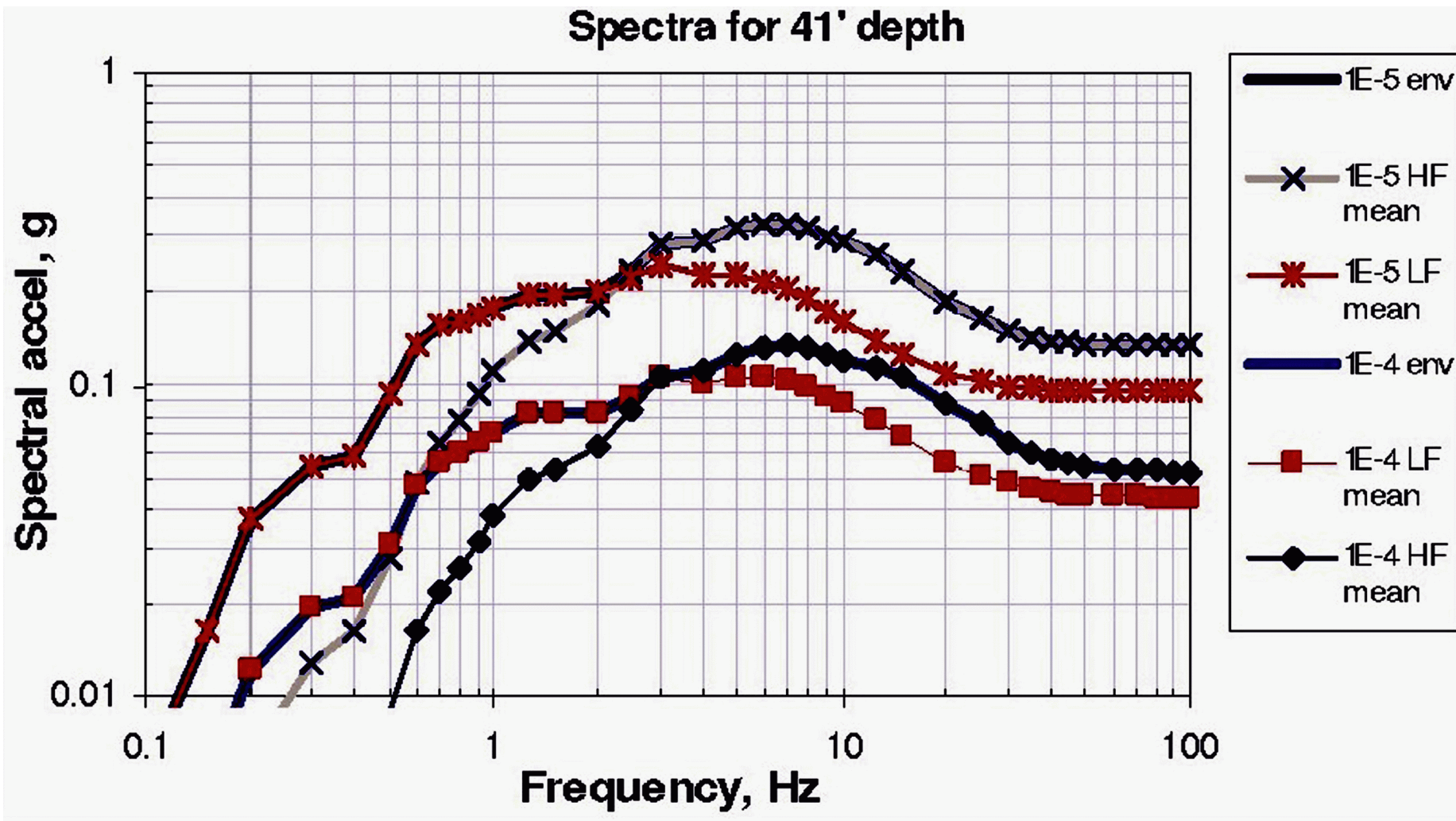
Figure 2.5-86—{HF and LF Spectra and Envelopes for 10^{-4} and 10^{-5} }

Figure 2.5-87—{Recommended Horizontal and Vertical SSE Spectra}

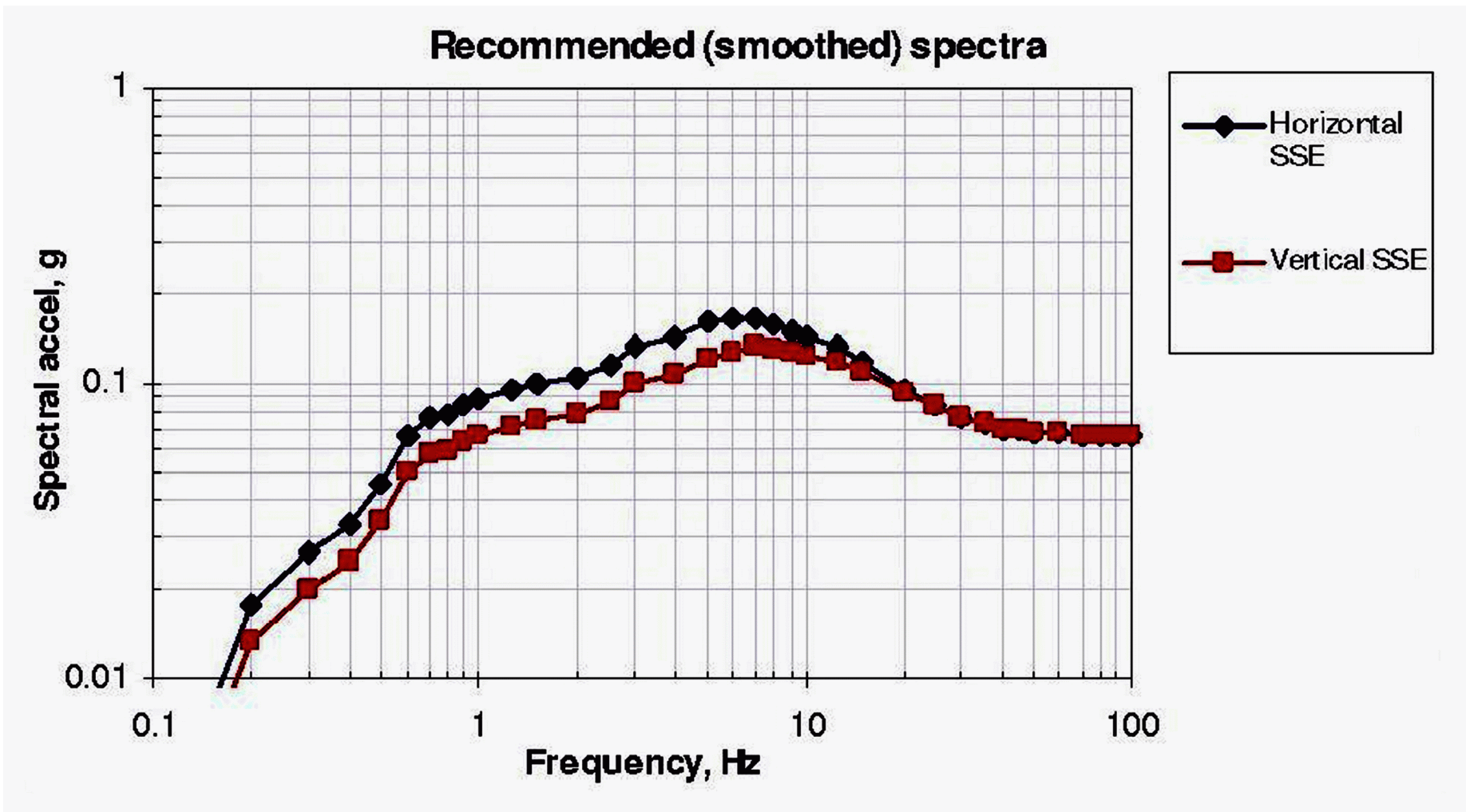


Figure 2.5-88—{V/H Ratios from Several Publications and Recommended V/H Ratios}

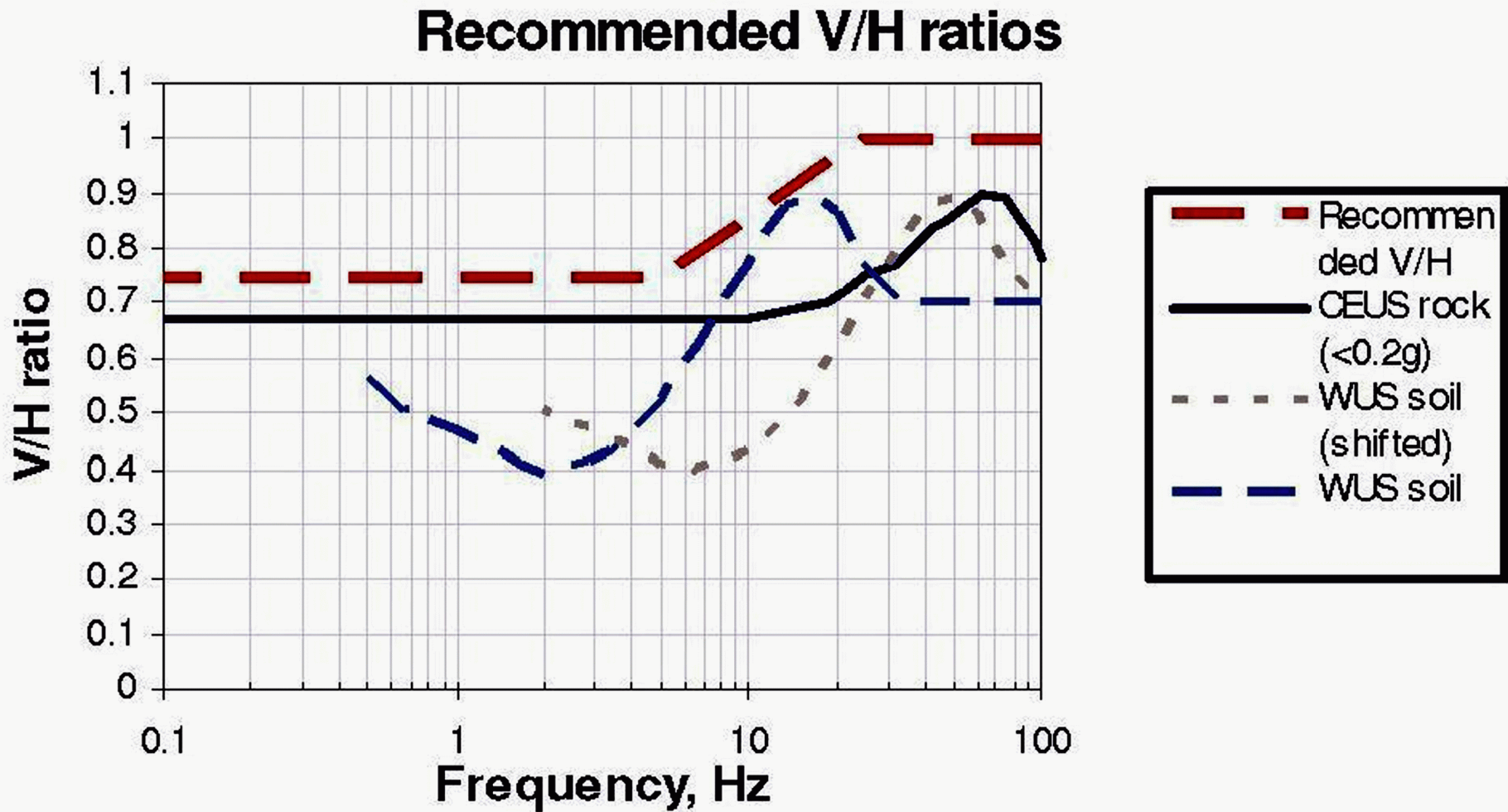


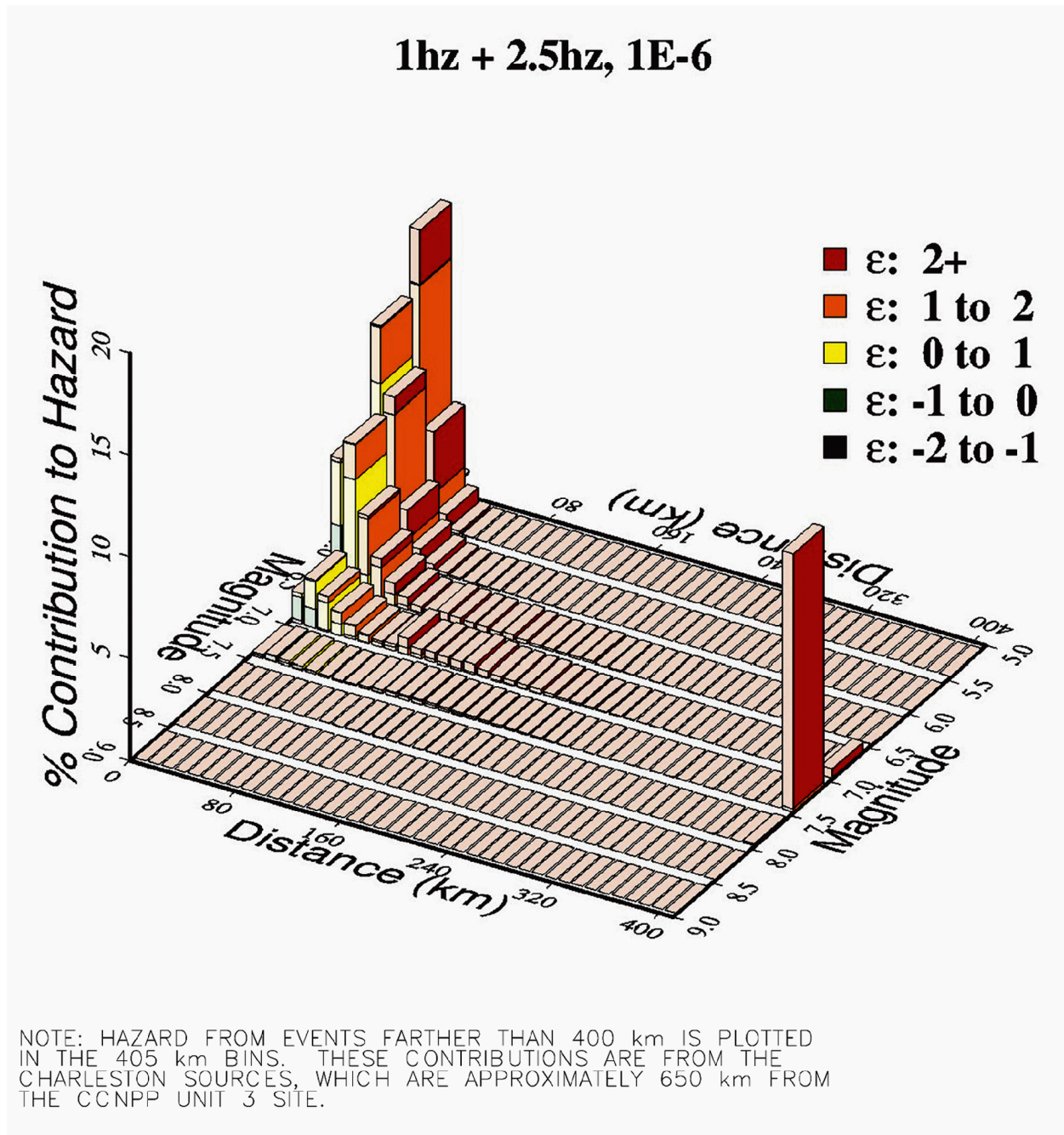
Figure 2.5-89—{Mean 10^{-6} Deaggregation Plot for 1 and 2.5 Hz}

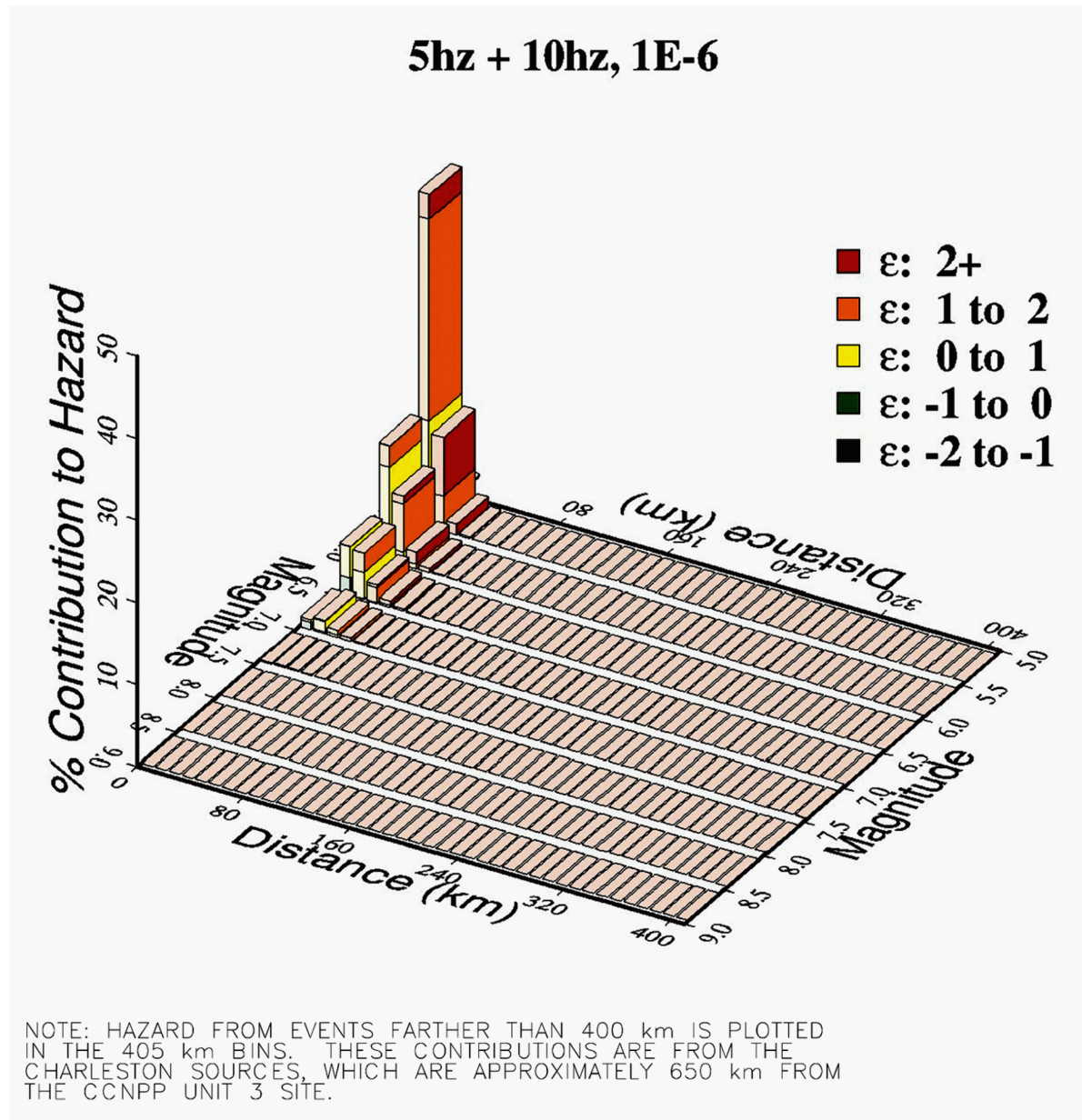
Figure 2.5-90—{Mean 10^{-6} Deaggregation Plot for 5 and 10 Hz}

Figure 2.5-91 —{Mean Seismic Hazard by Source for Rondout Team, 10 Hz Spectral Acceleration}

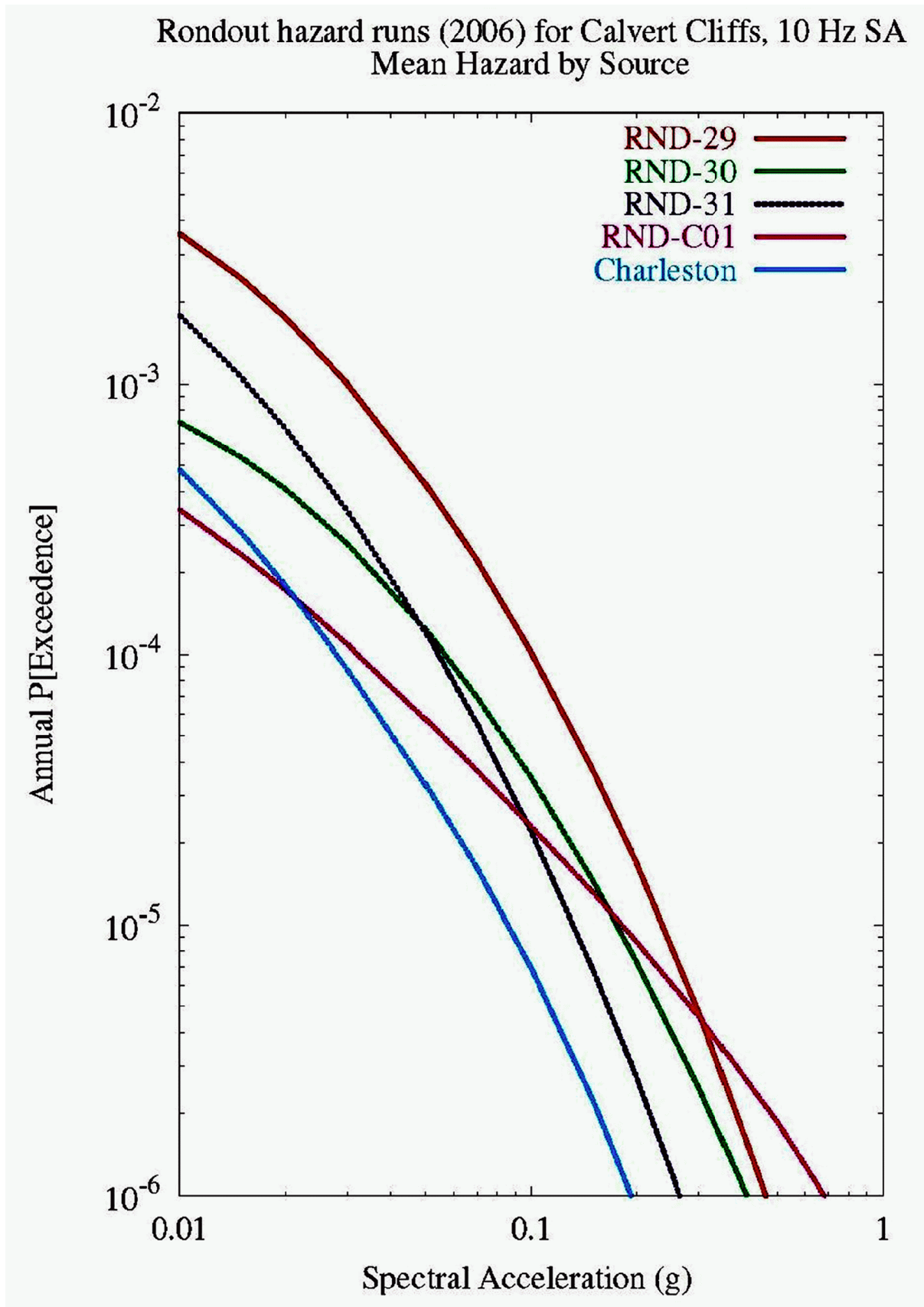


Figure 2.5-92—{Mean Seismic Hazard by Source for Rondout Team, 1 Hz Spectral Acceleration}

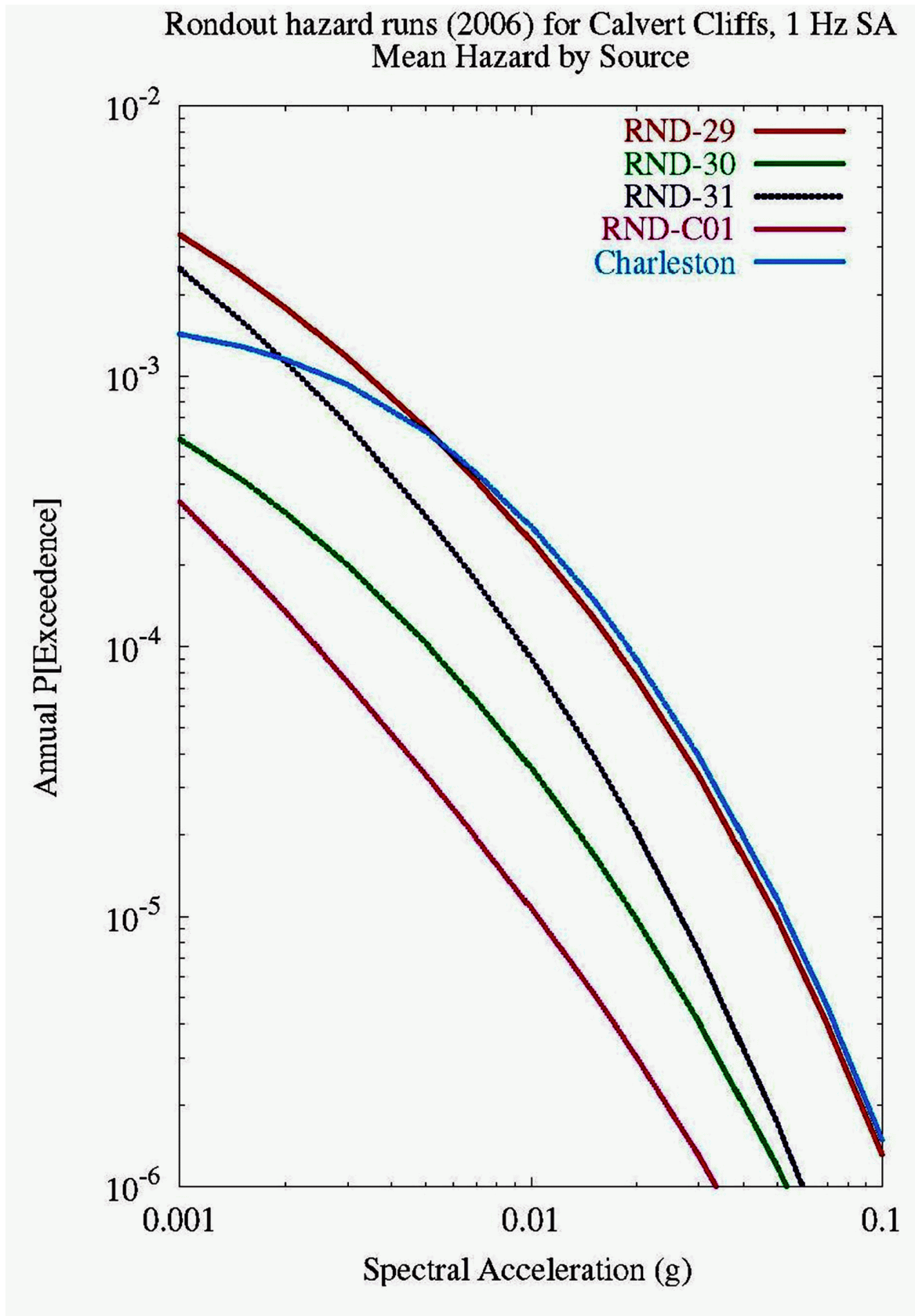


Figure 2.5-93—{Median Seismic Hazard by Source for Rondout Team, 10 Hz Spectral Acceleration}

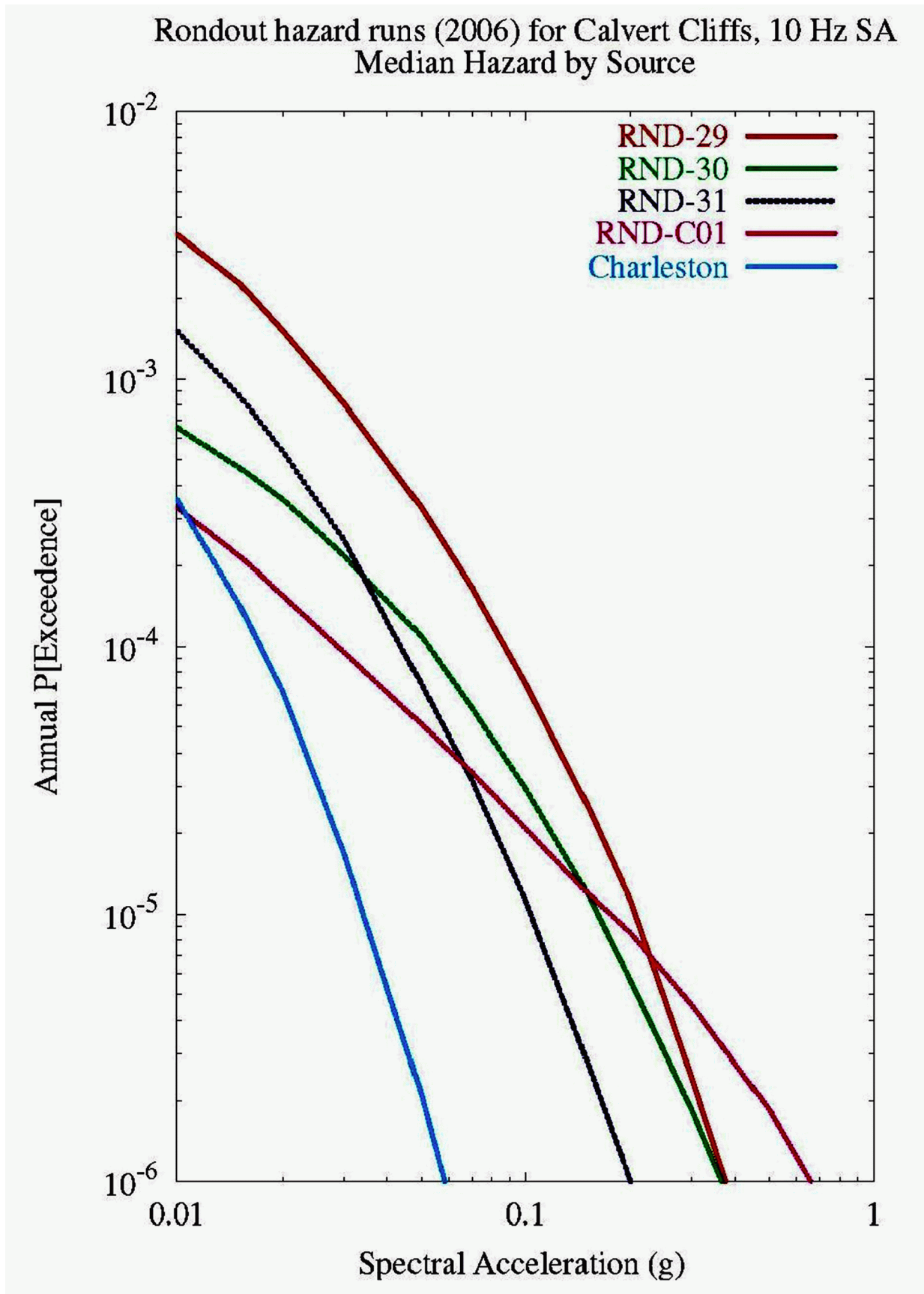


Figure 2.5-94—{Median Seismic Hazard by Source for Rondout Team, 1 Hz Spectral Acceleration}

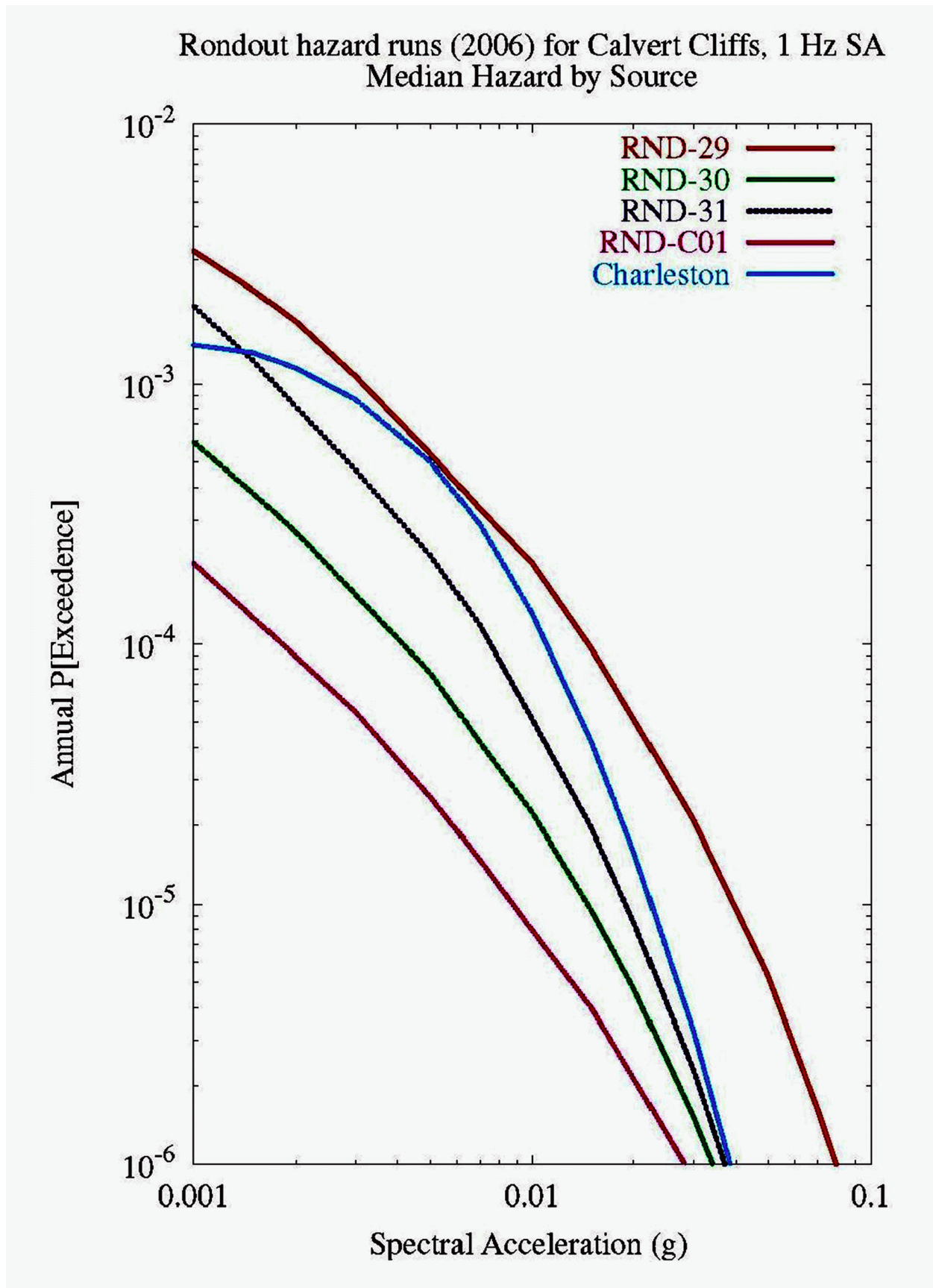


Figure 2.5-95—{Mean and Fractile Rock Hazard Curves for PGA}

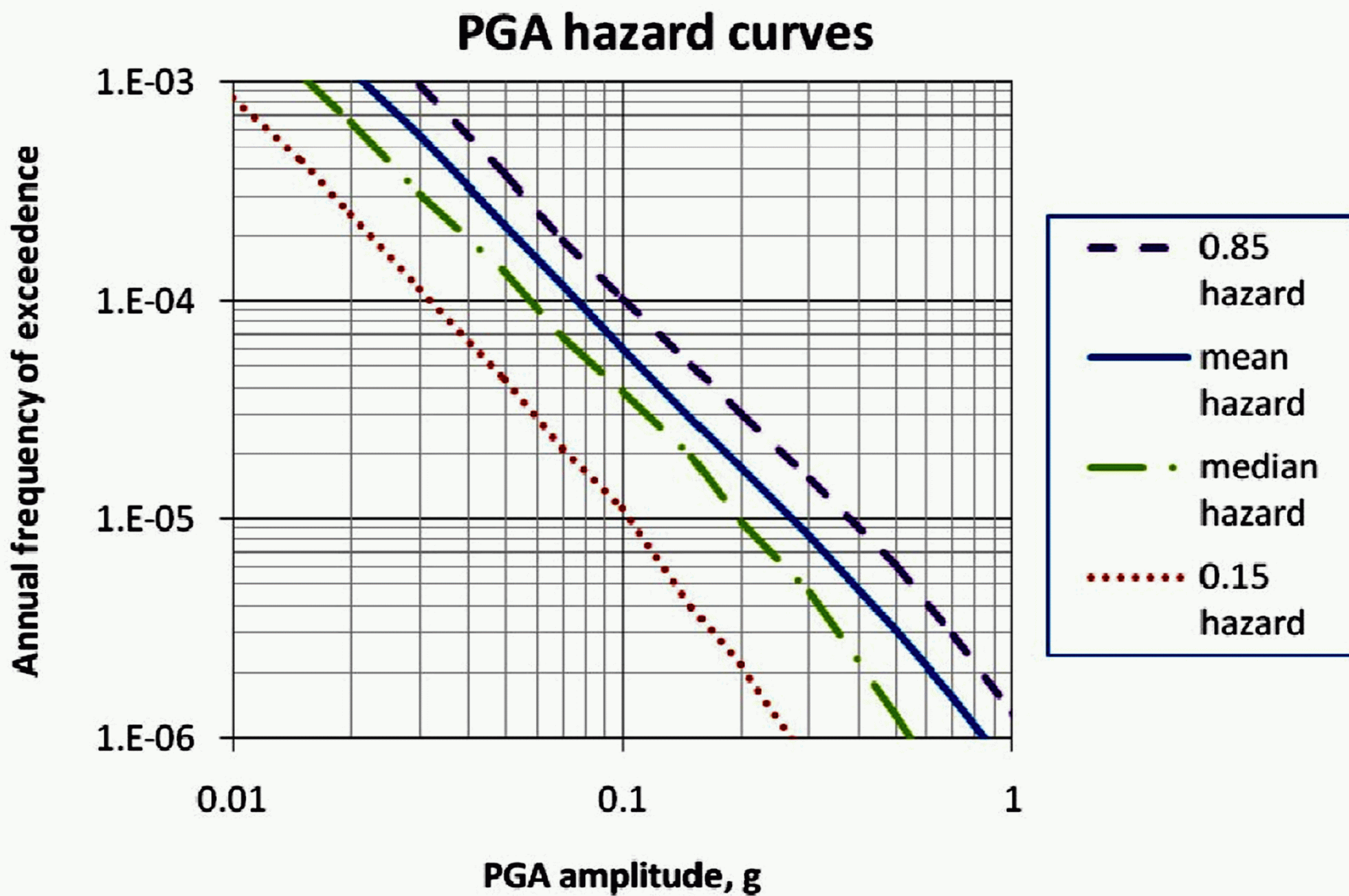


Figure 2.5-96—{Mean and Fractile Rock Hazard Curves for 25 Hz}

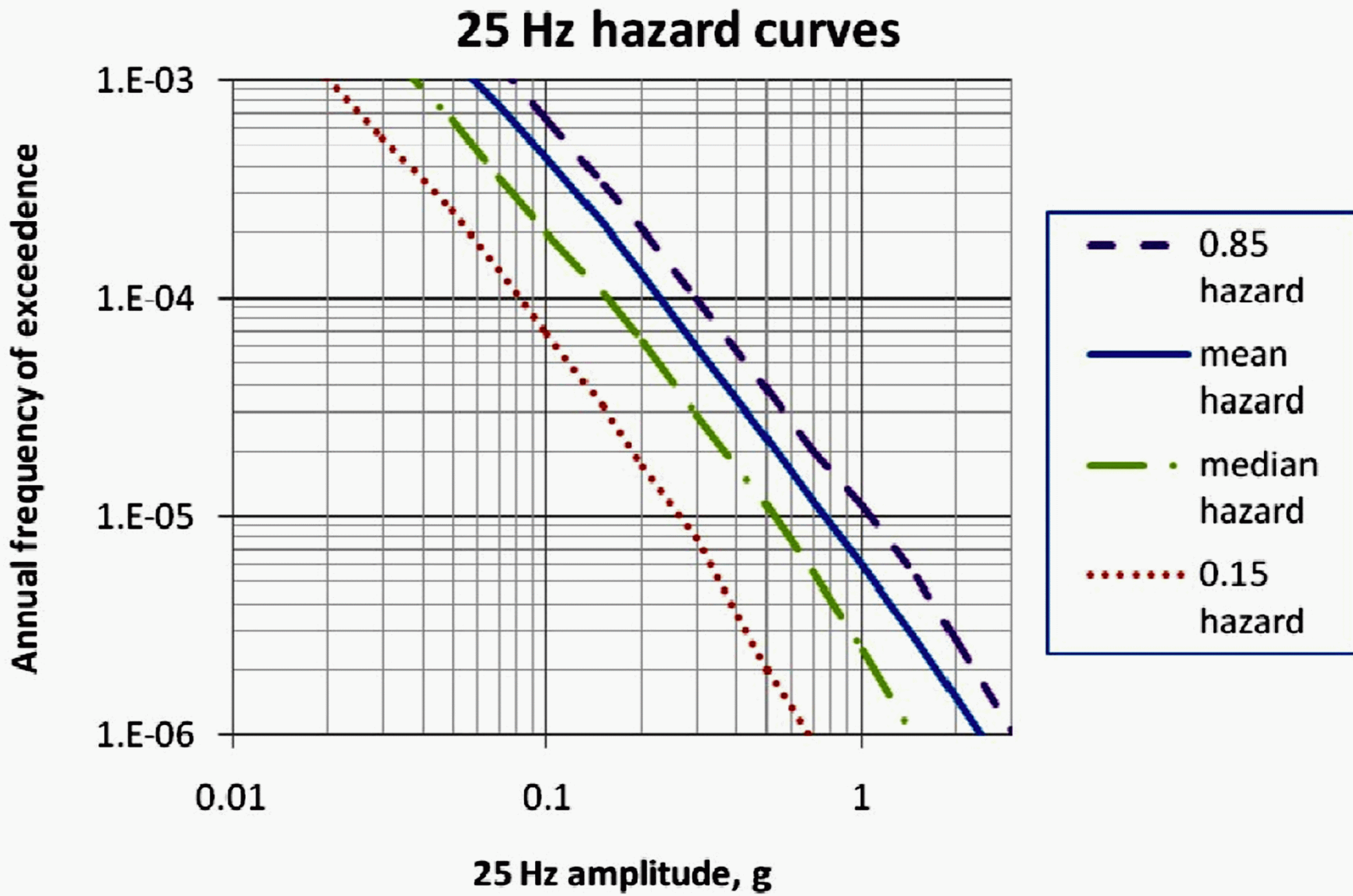


Figure 2.5-97—{Mean and Fractile Rock Hazard Curves for 10 Hz}

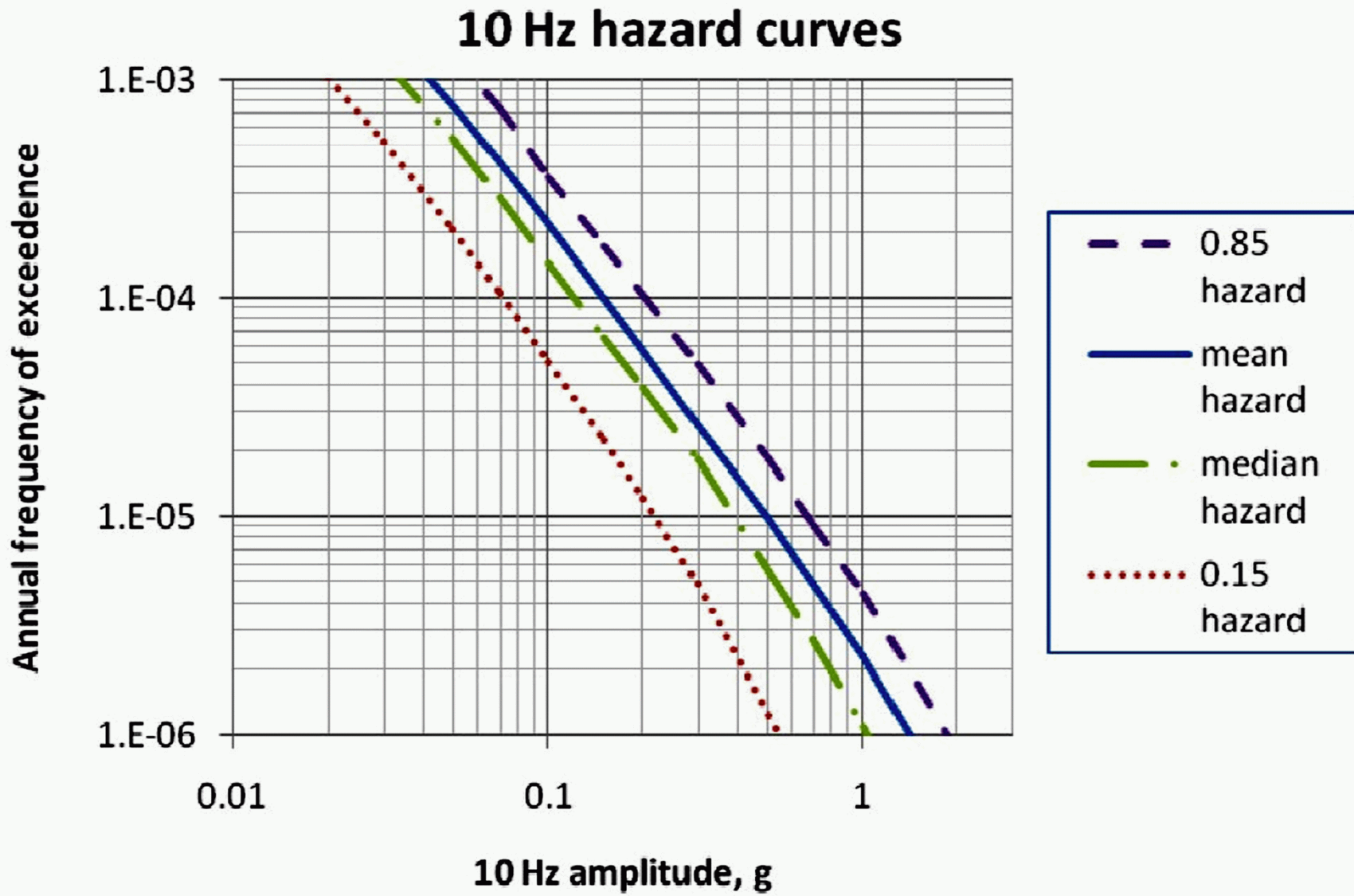


Figure 2.5-98—{Mean and Fractile Rock Hazard Curves for 5 Hz}

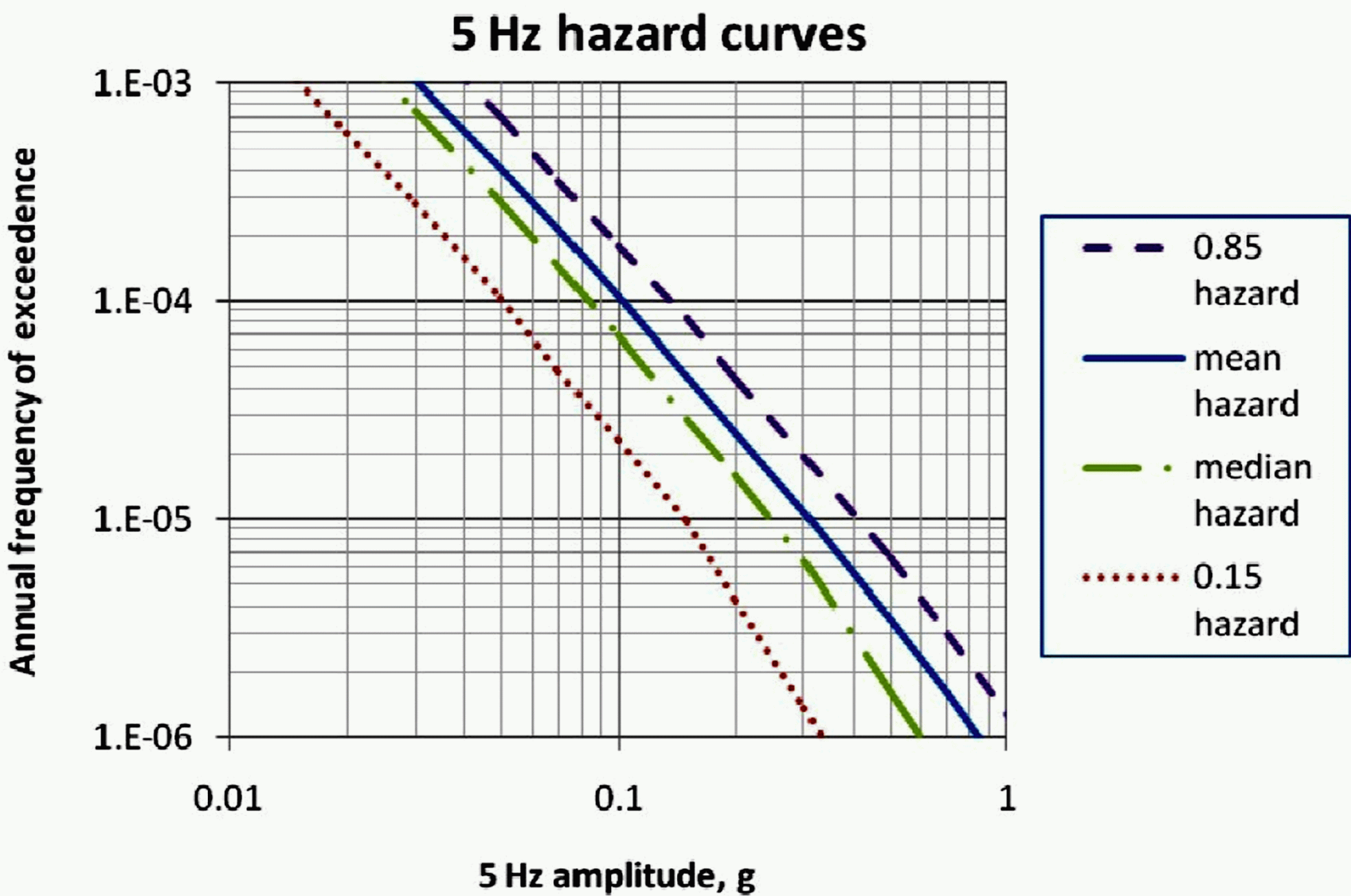


Figure 2.5-99—{Mean and Fractile Rock Hazard Curves for 2.5 Hz}

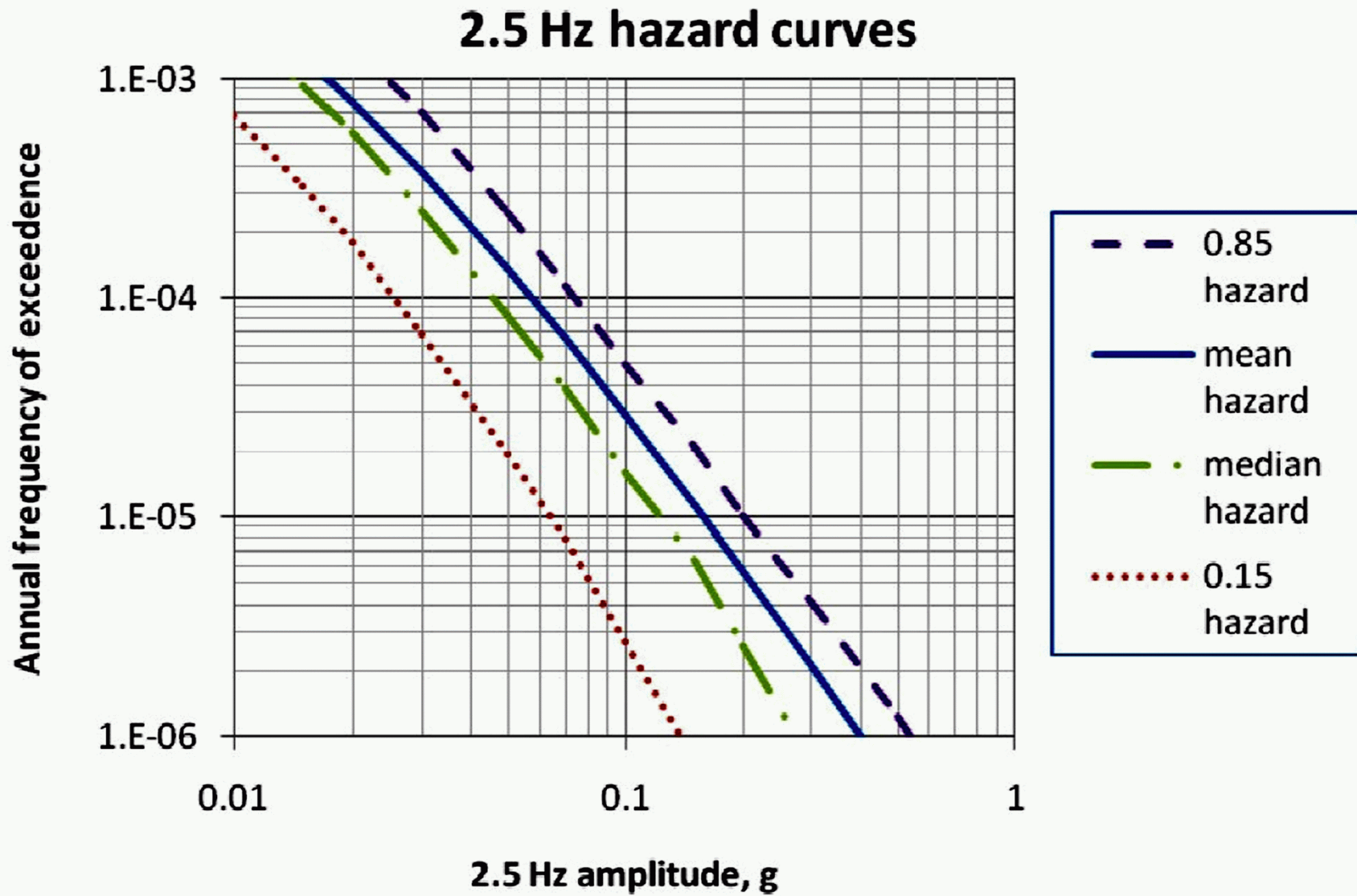


Figure 2.5-100—{Mean and Fractile Rock Hazard Curves for 1 HZ}

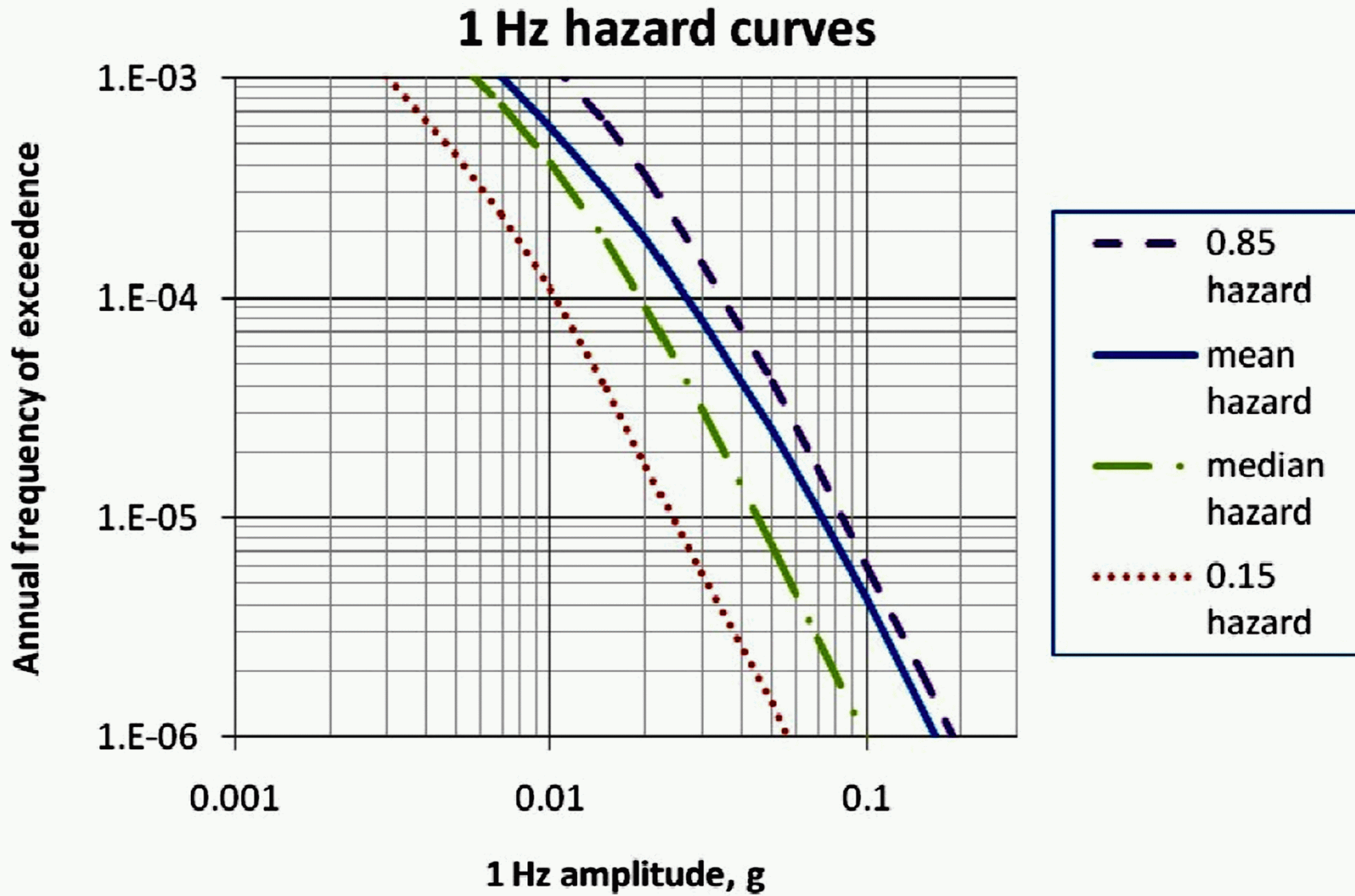


Figure 2.5-101—{Mean and Fractile Rock Hazard Curves for 0.5 Hz}

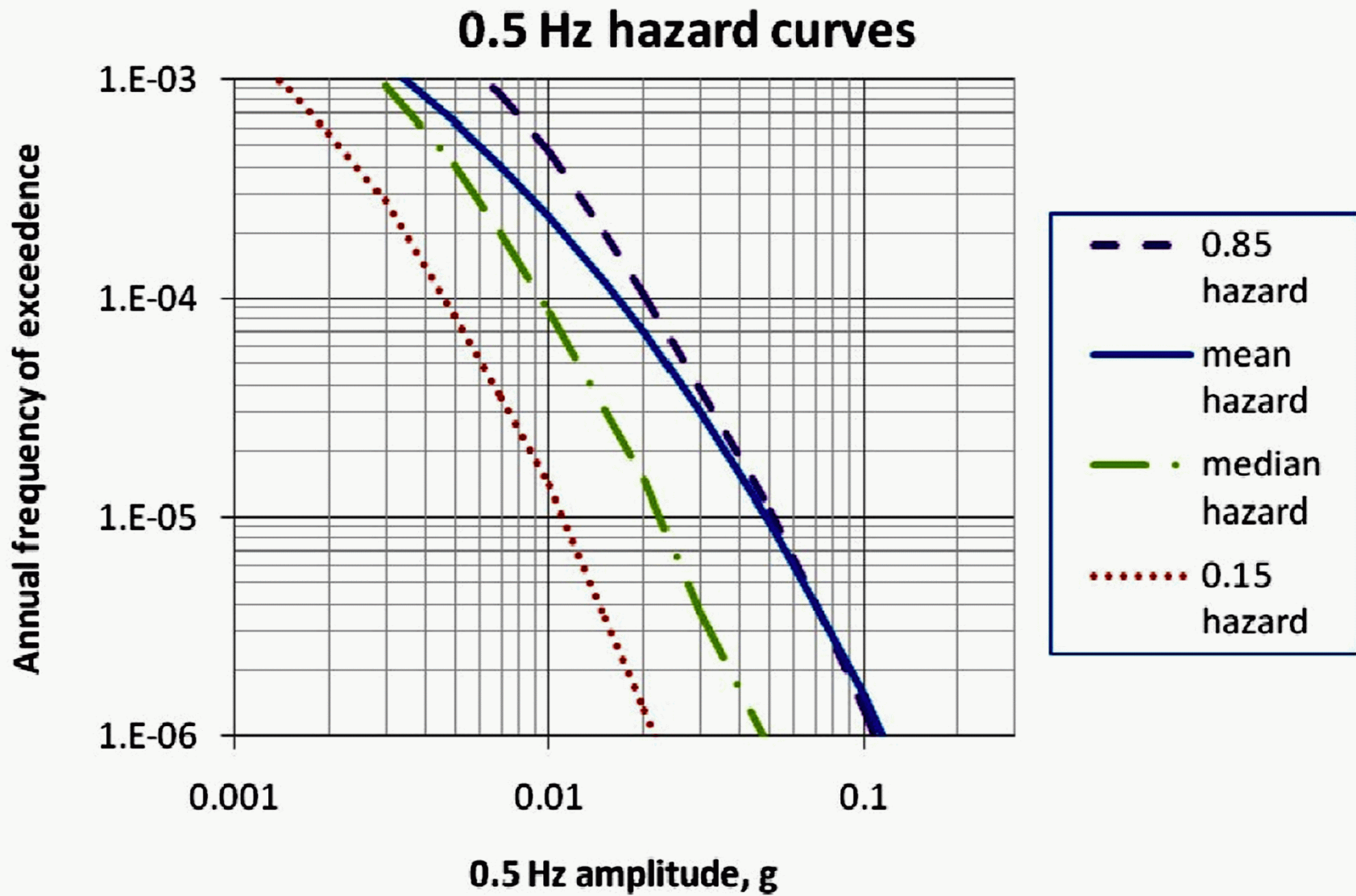


Figure 2.5-102—{CCNPP Unit 3 10 Generic Soil Profiles}

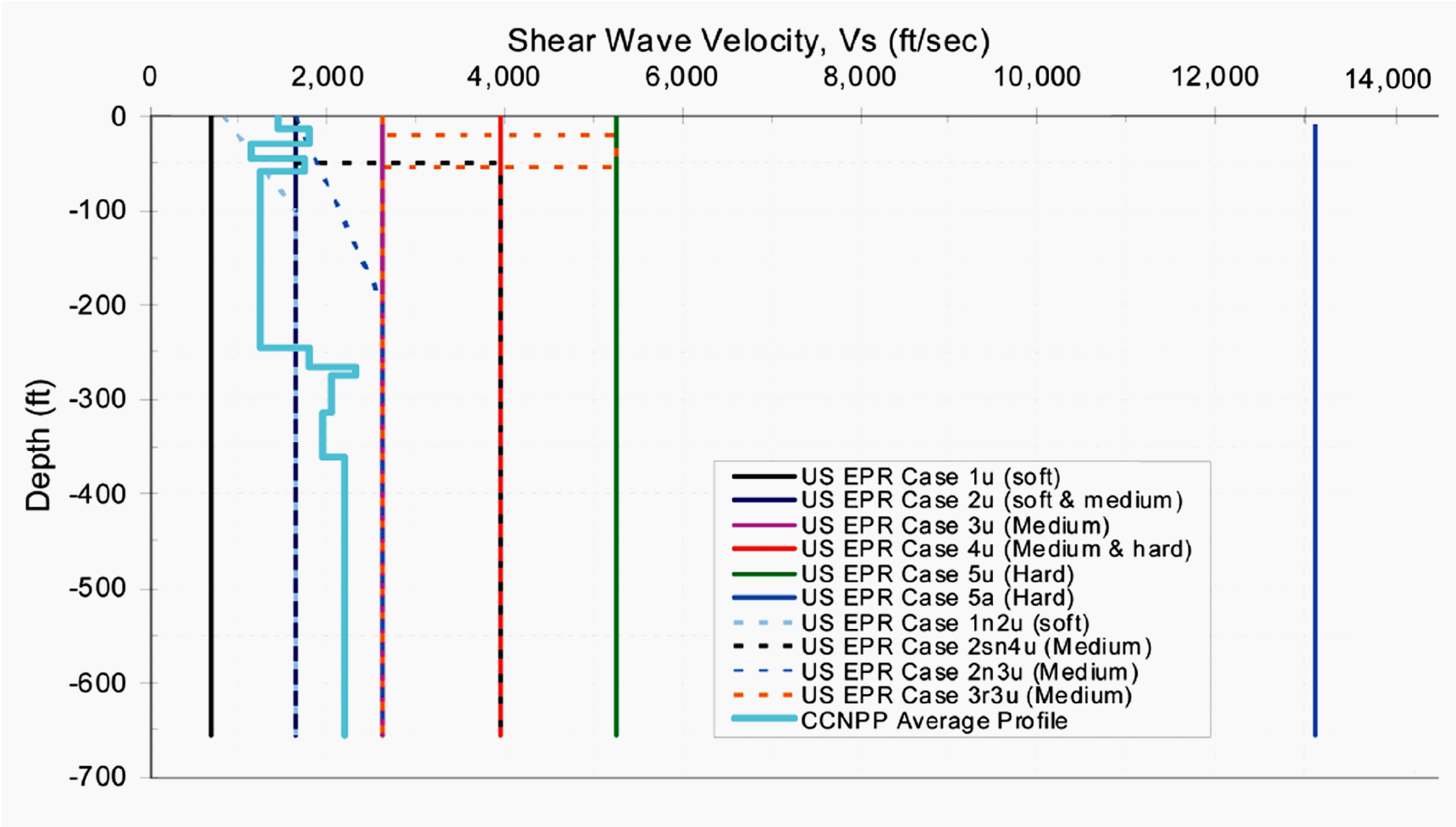
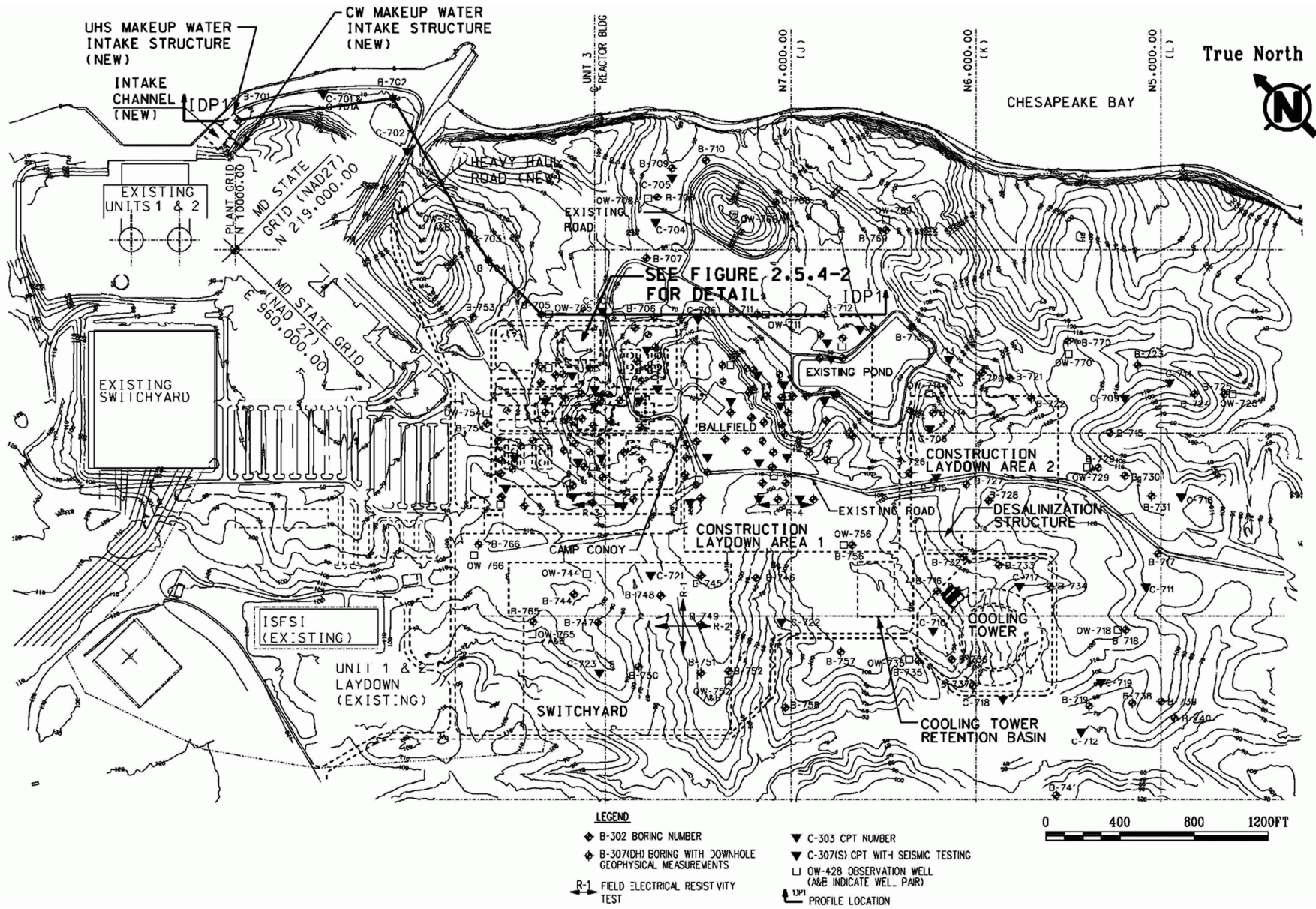


Figure 2.5-103—{Subsurface Investigation Location Plan}



CCNPP Unit 3



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

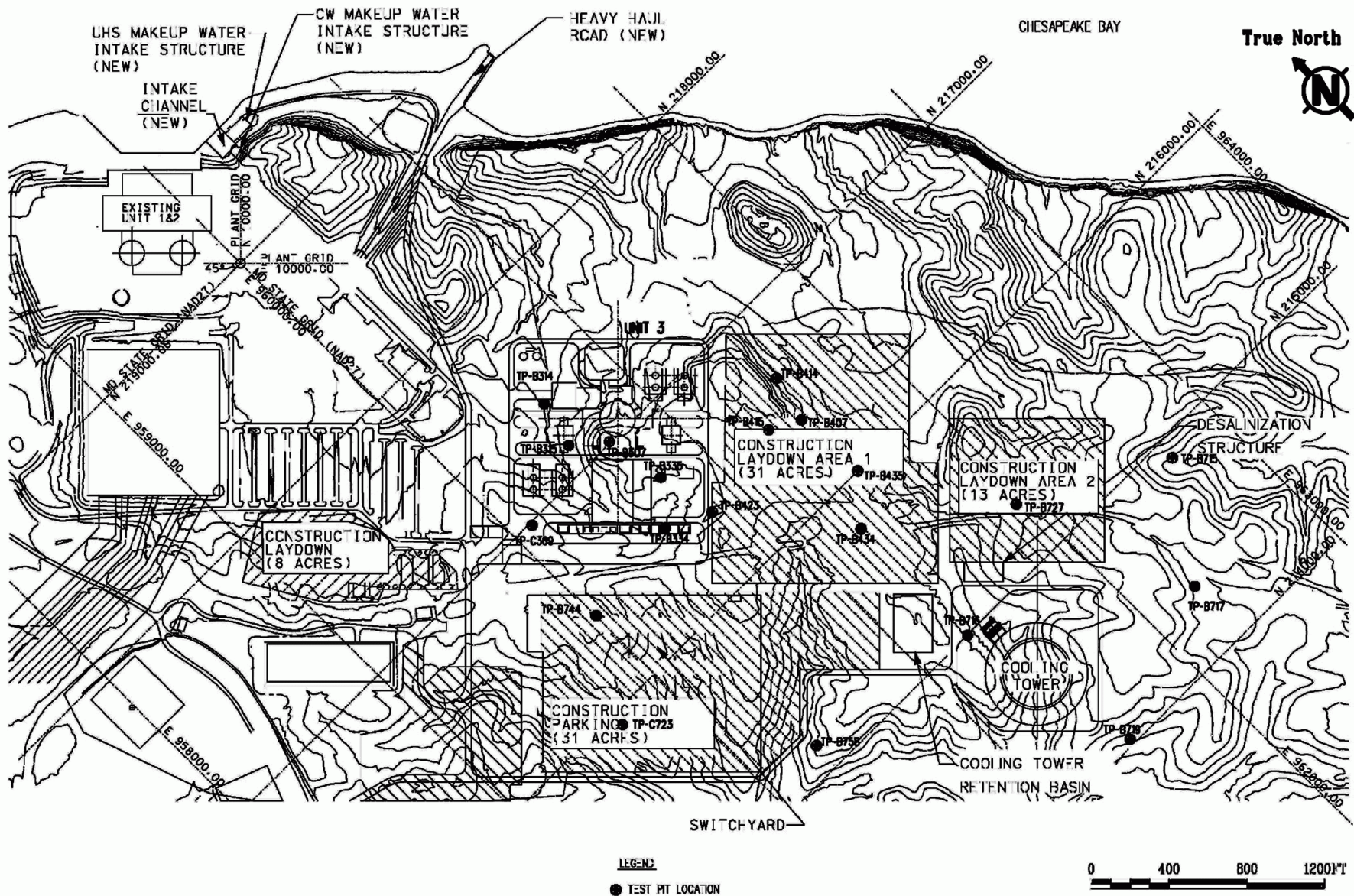


Figure 2.5-106—{Subsurface Profile Legend}

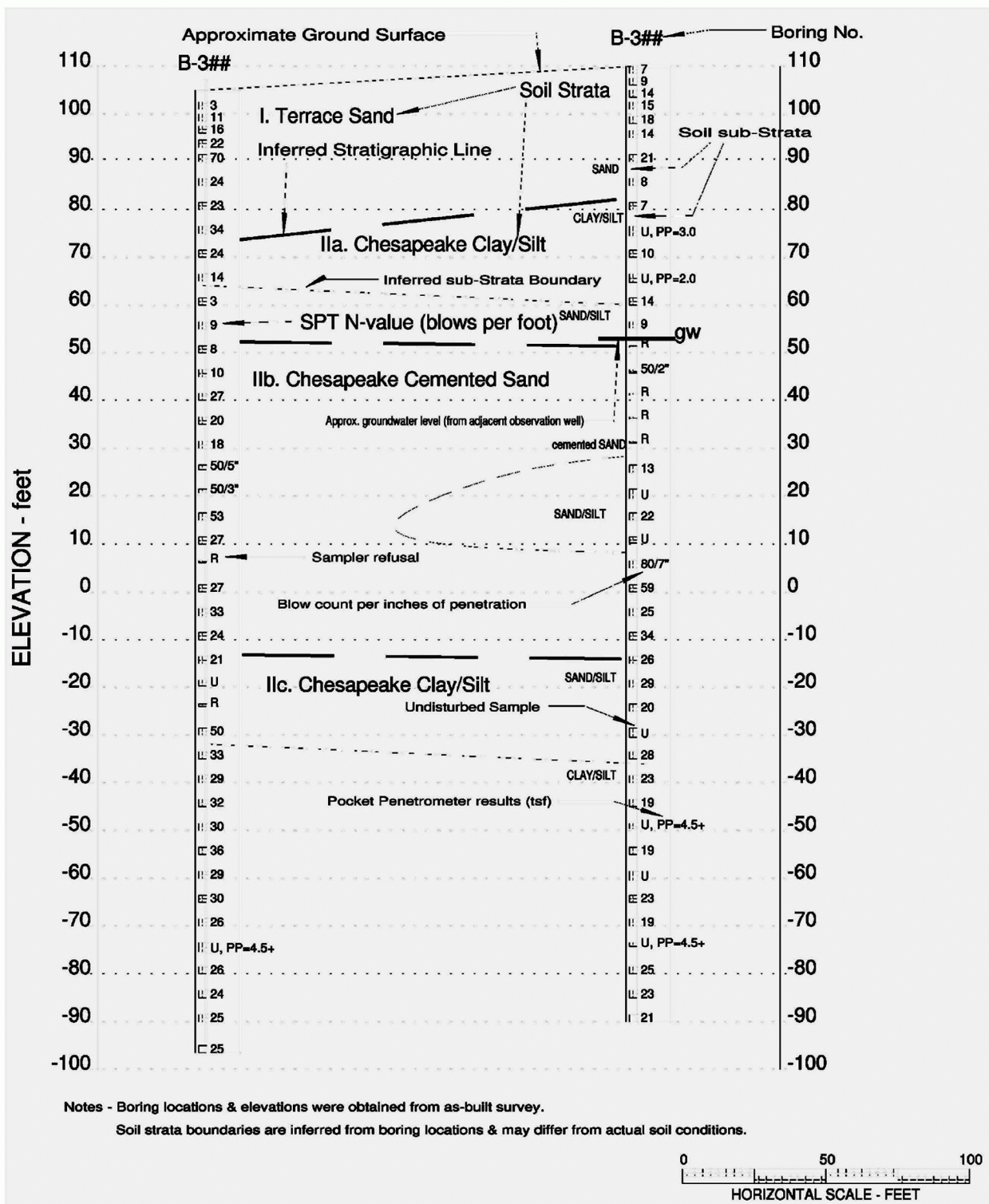


Figure 2.5-107—{Inferred Subsurface Profile NS-1}

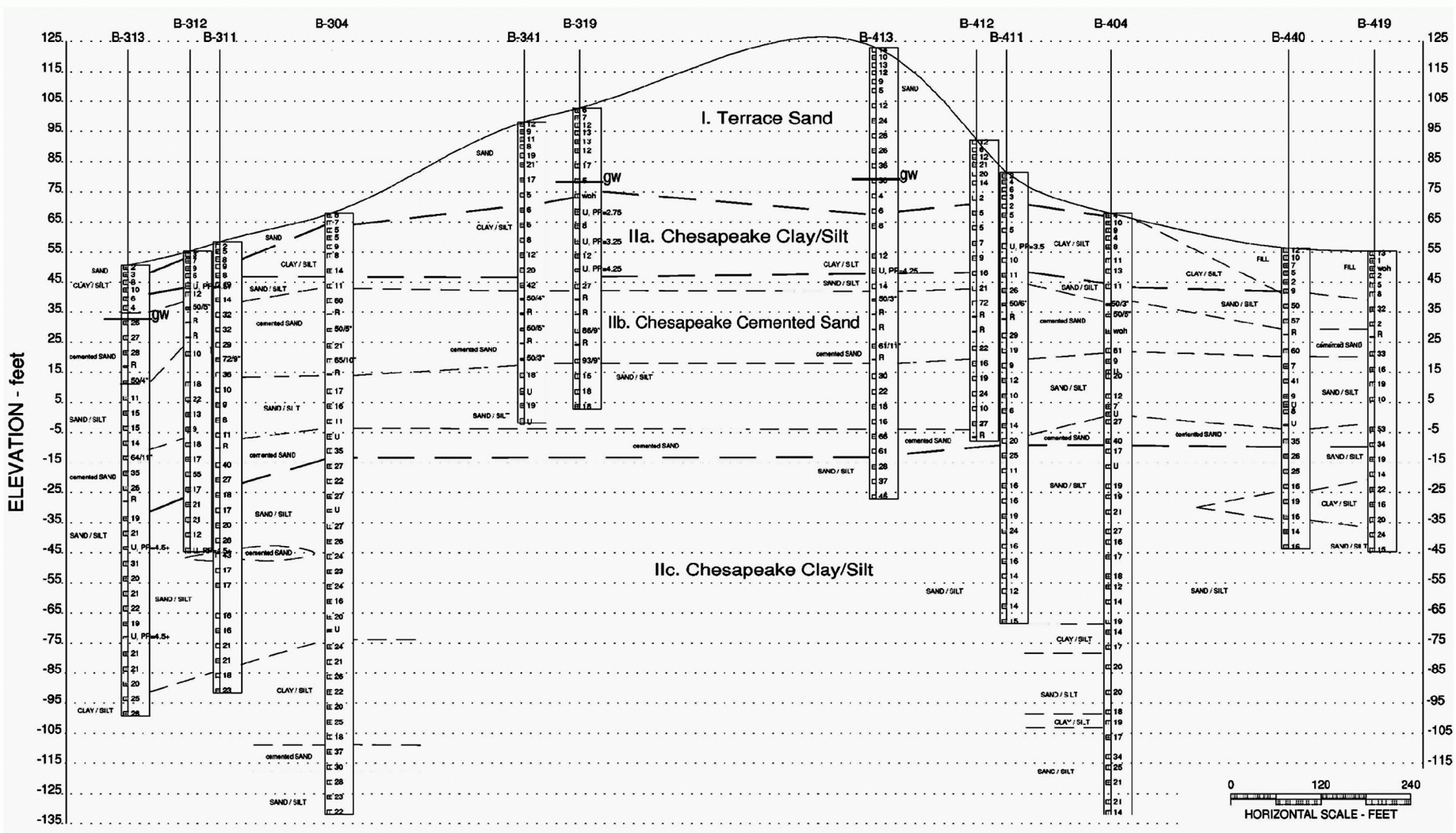


Figure 2.5-108—{Inferred Subsurface Profile NS-2}

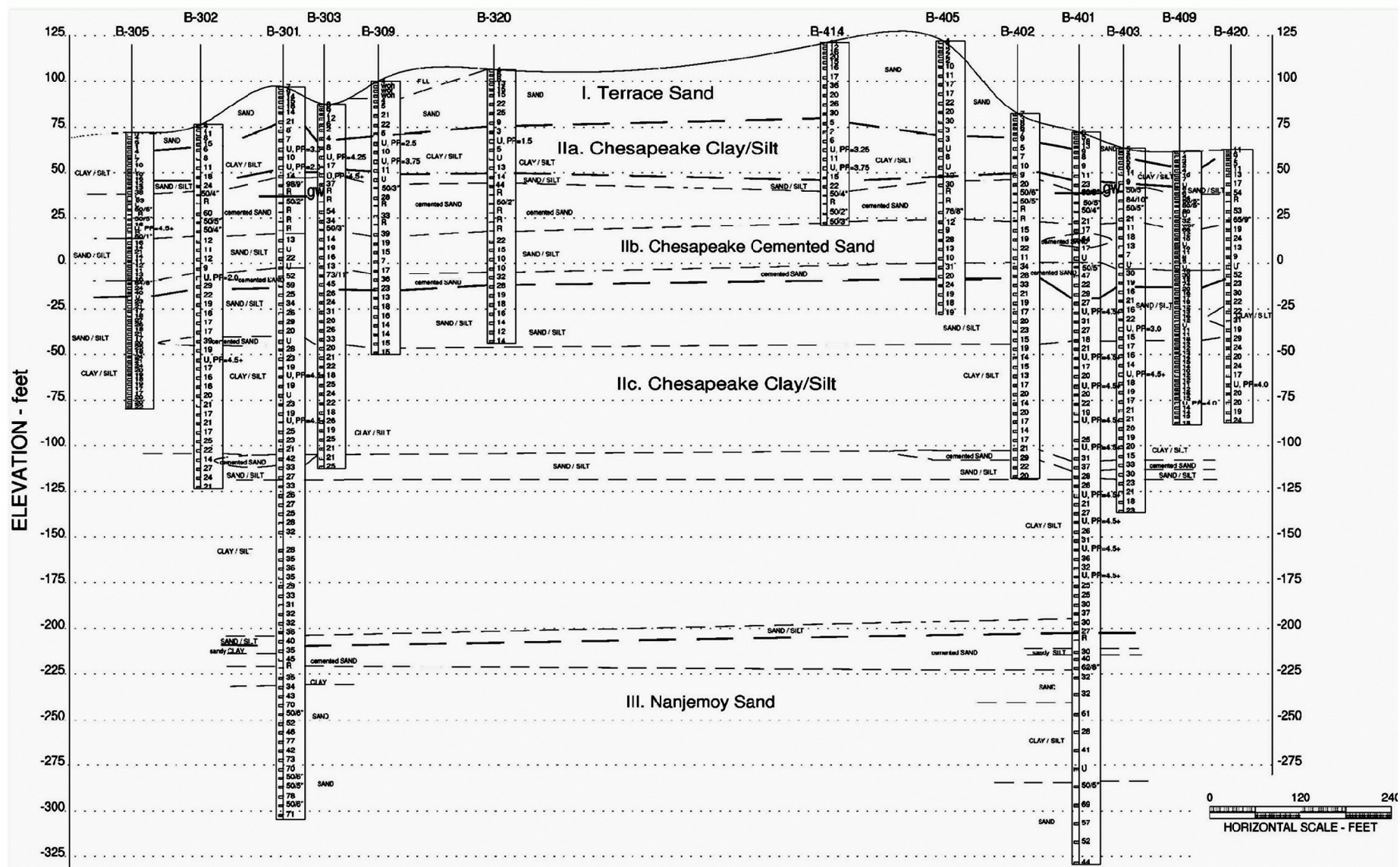


Figure 2.5-109—{Inferred Subsurface Profile NS-3}

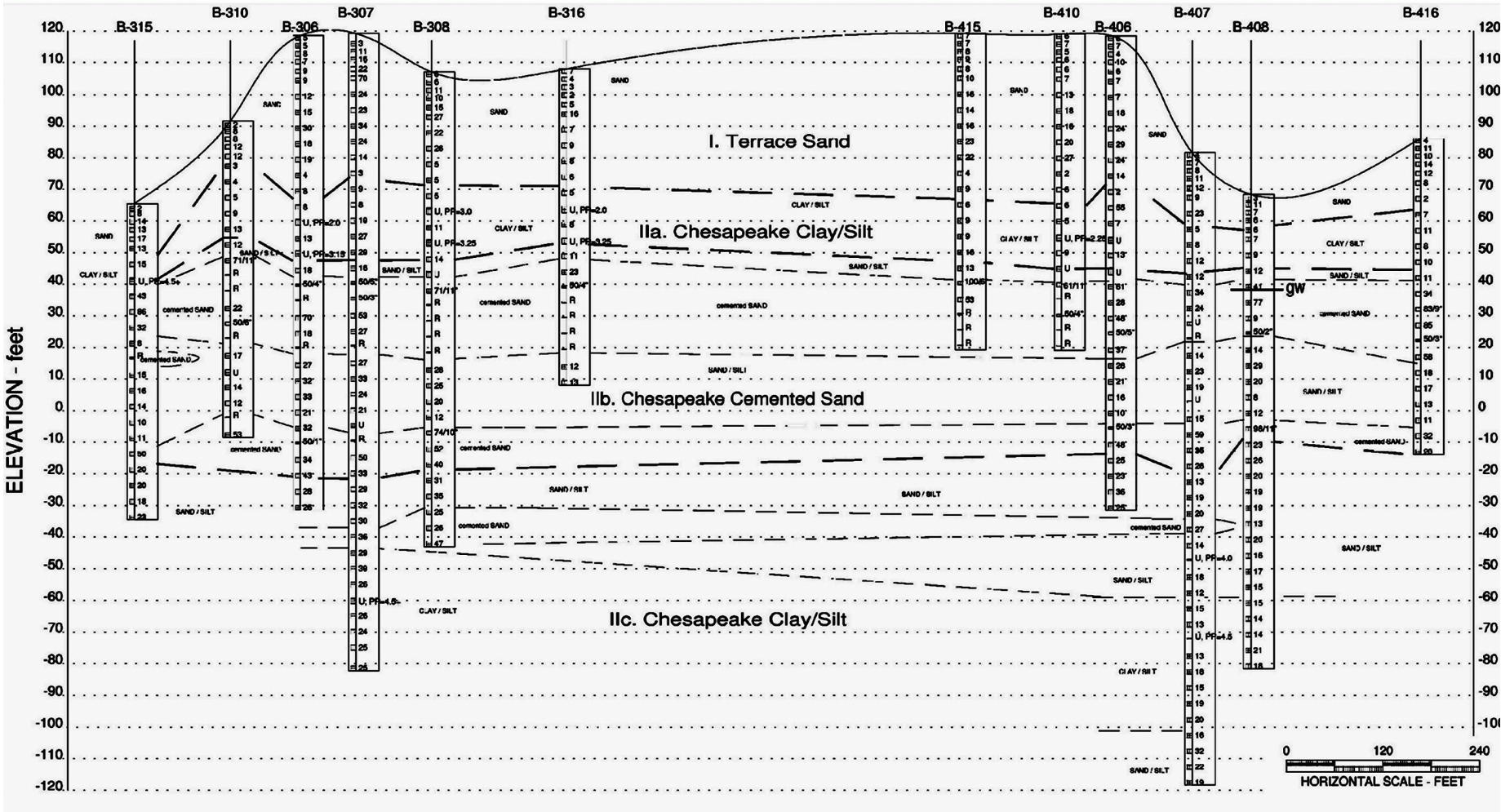


Figure 2.5-110—{Inferred Subsurface Profile NS-4}

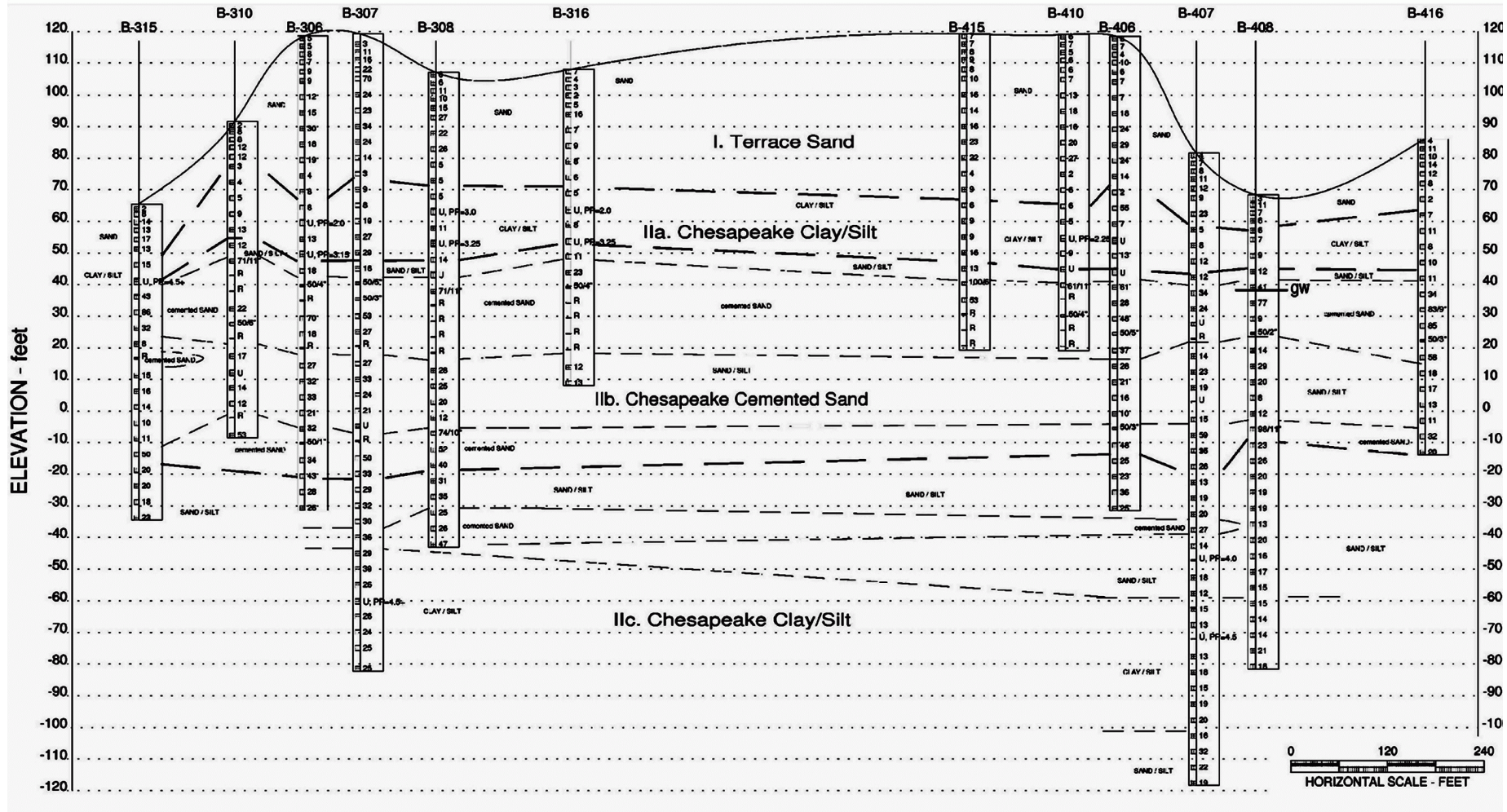


Figure 2.5-111—{Inferred Subsurface profile IDP-1}

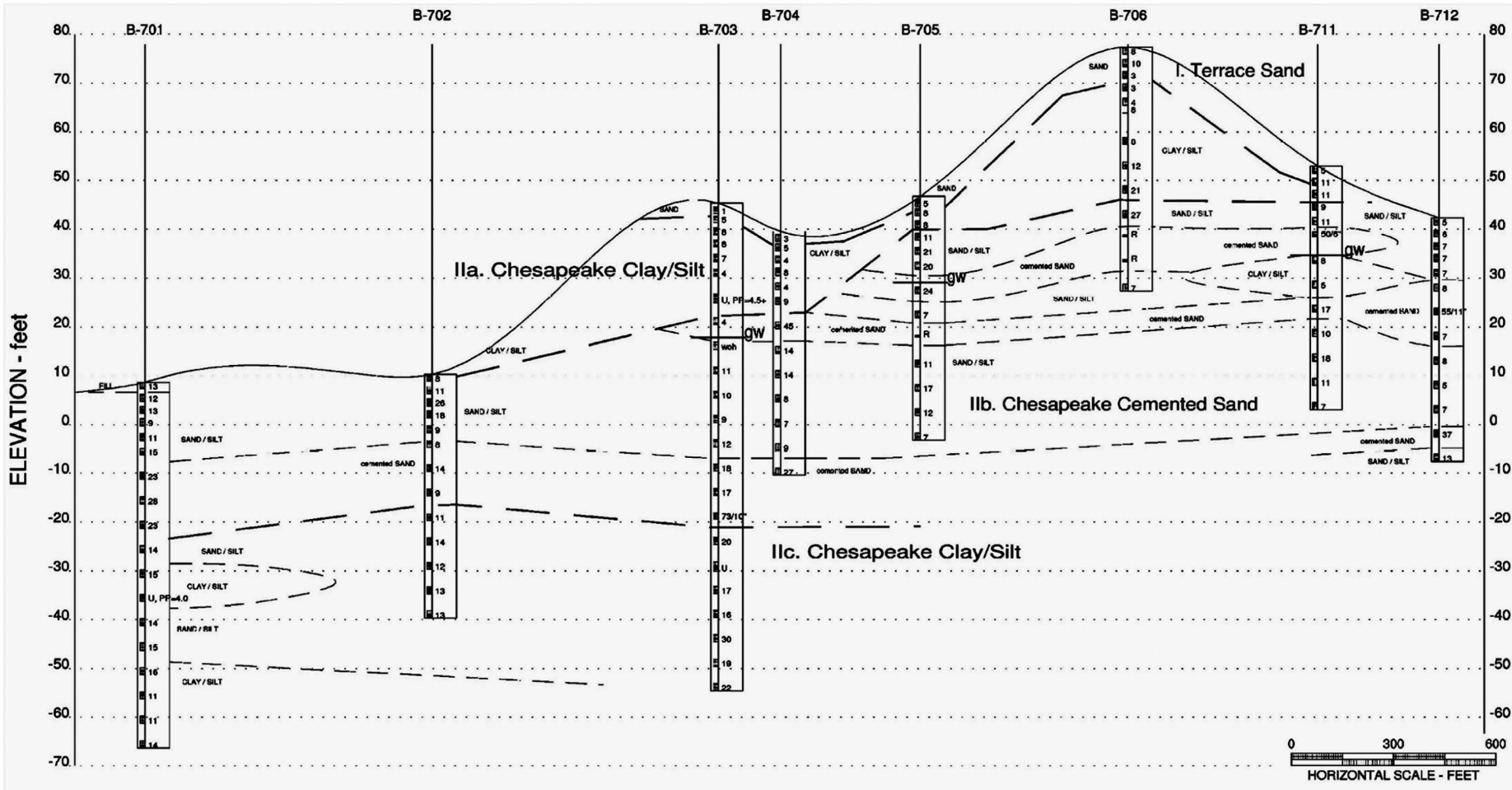


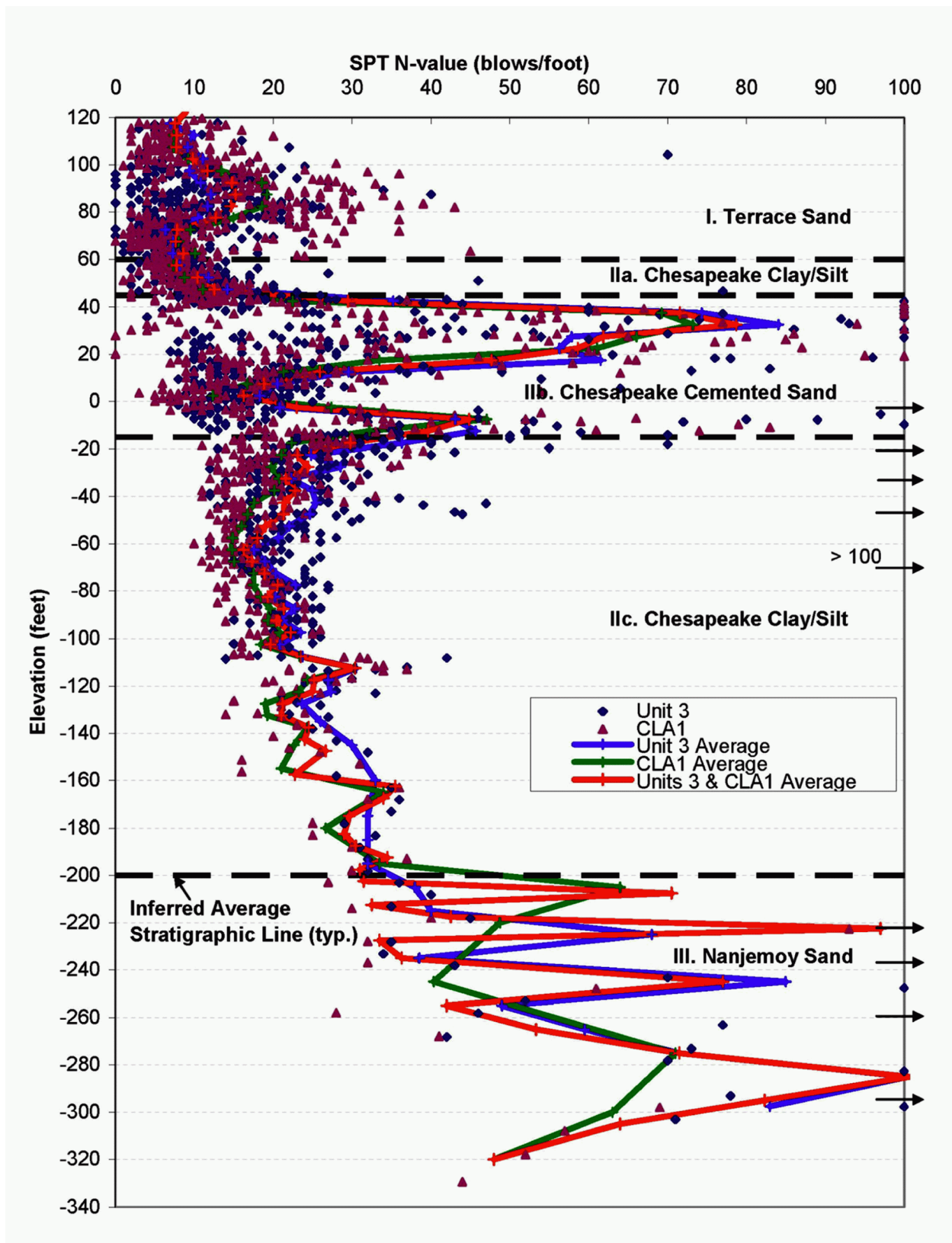
Figure 2.5-112—{Measured Standard Penetration Test N-Values}

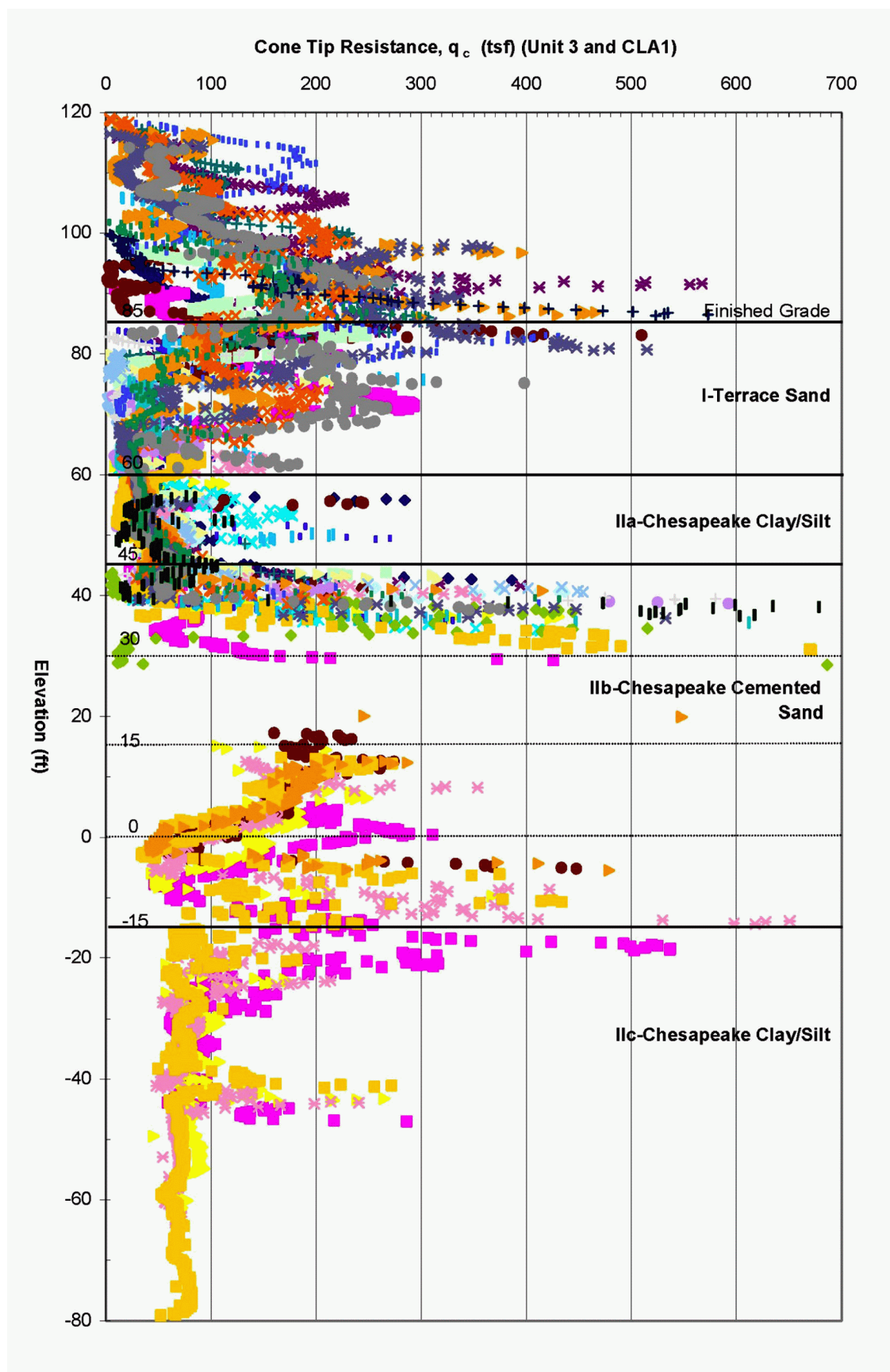
Figure 2.5-113—{Measured CPT TIP Resistance Values}

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