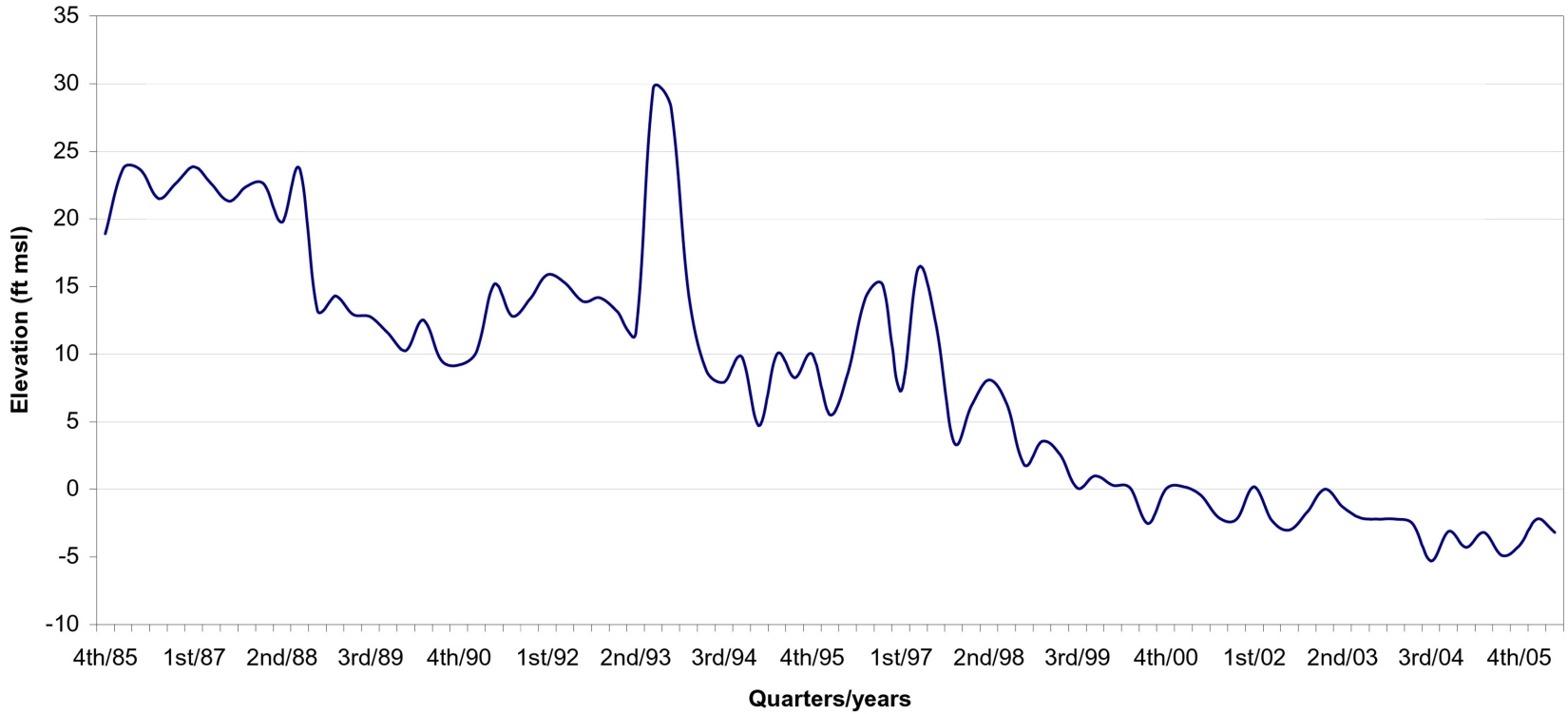


Figure 2.5.4-201. Groundwater Levels Zone 3 Aquifer

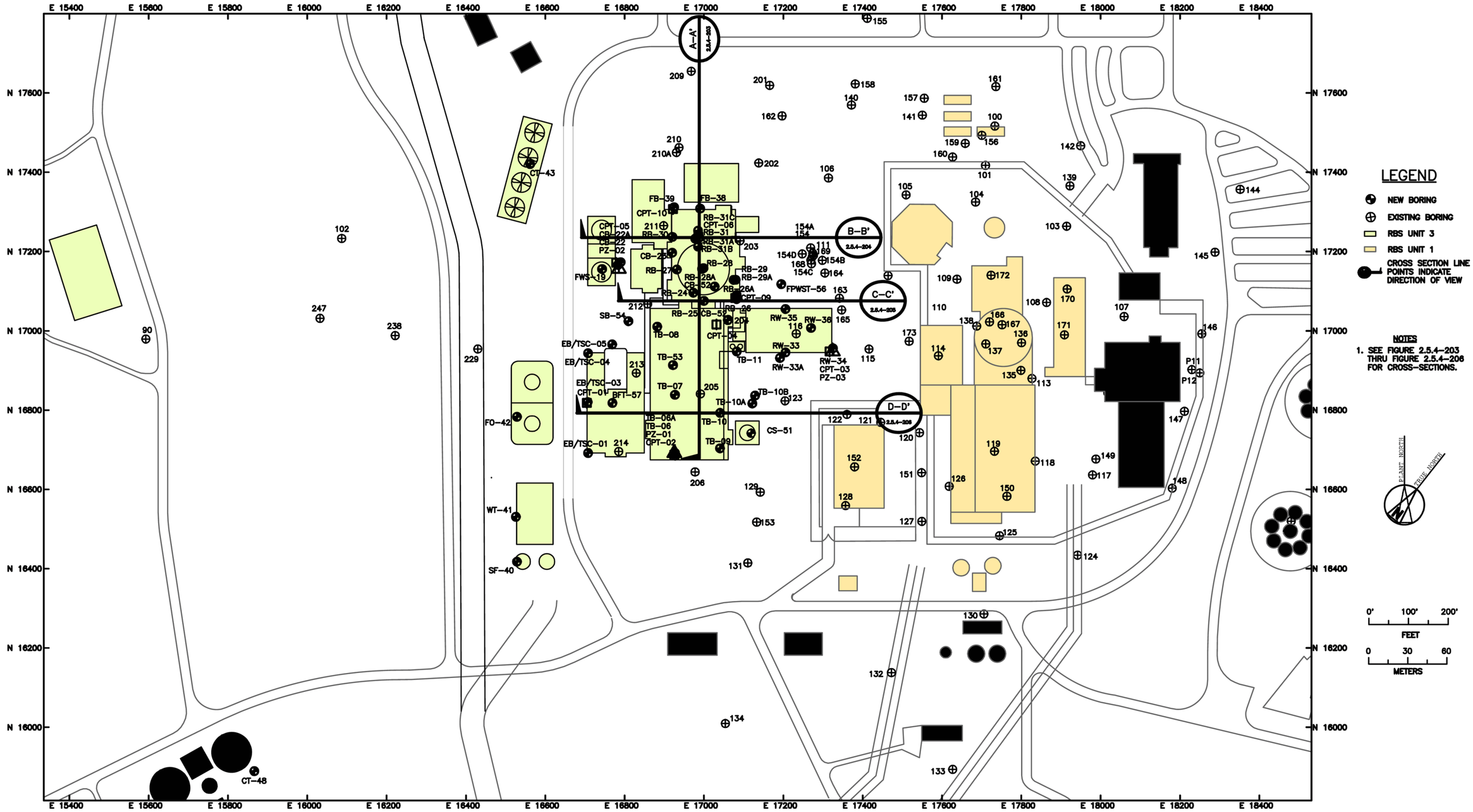


Figure 2.5.4-202. Subsurface Investigation Plan

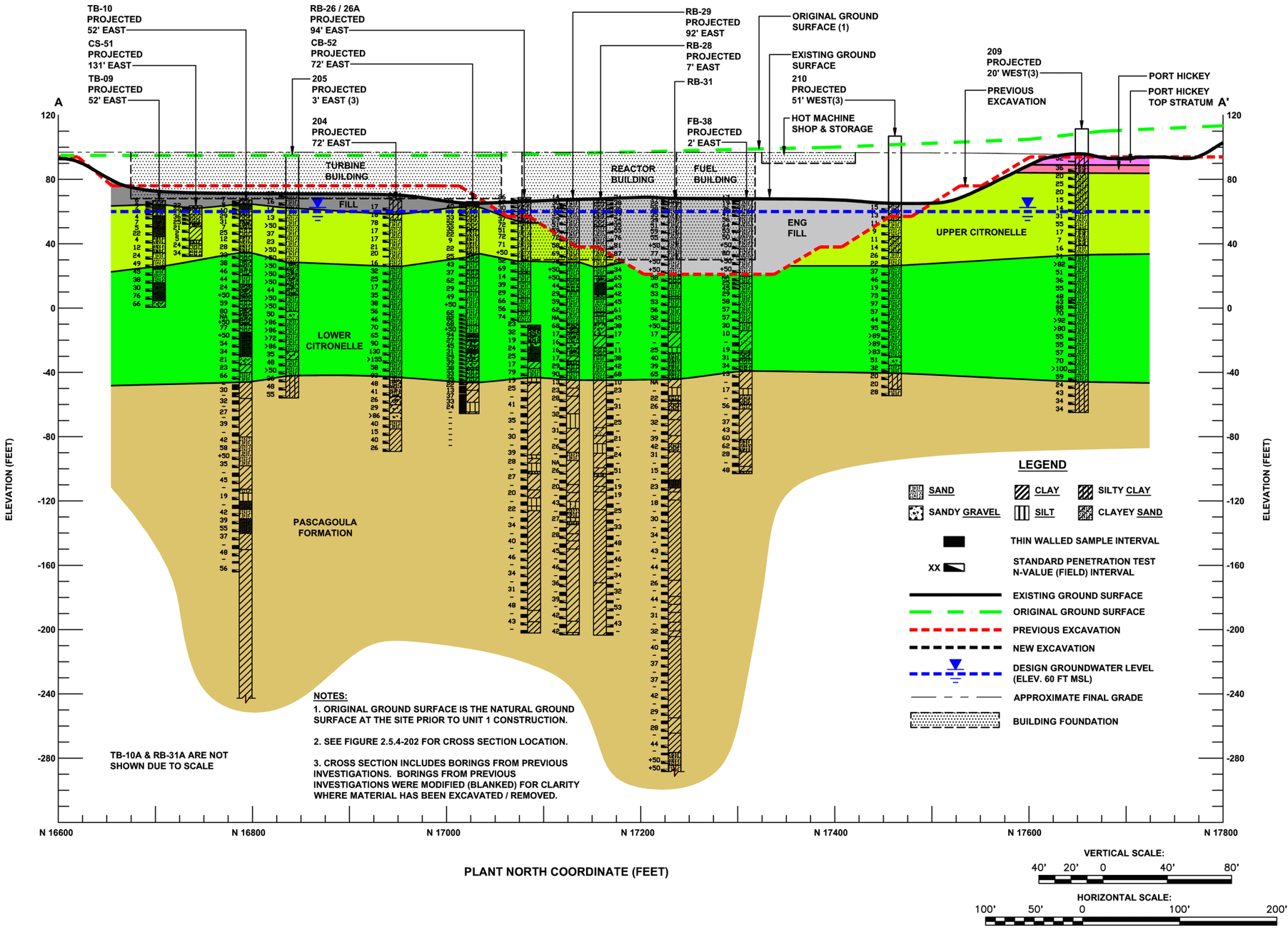


Figure 2.5.4-203. Cross Section A-A' Through RBS Unit 3 Site Location

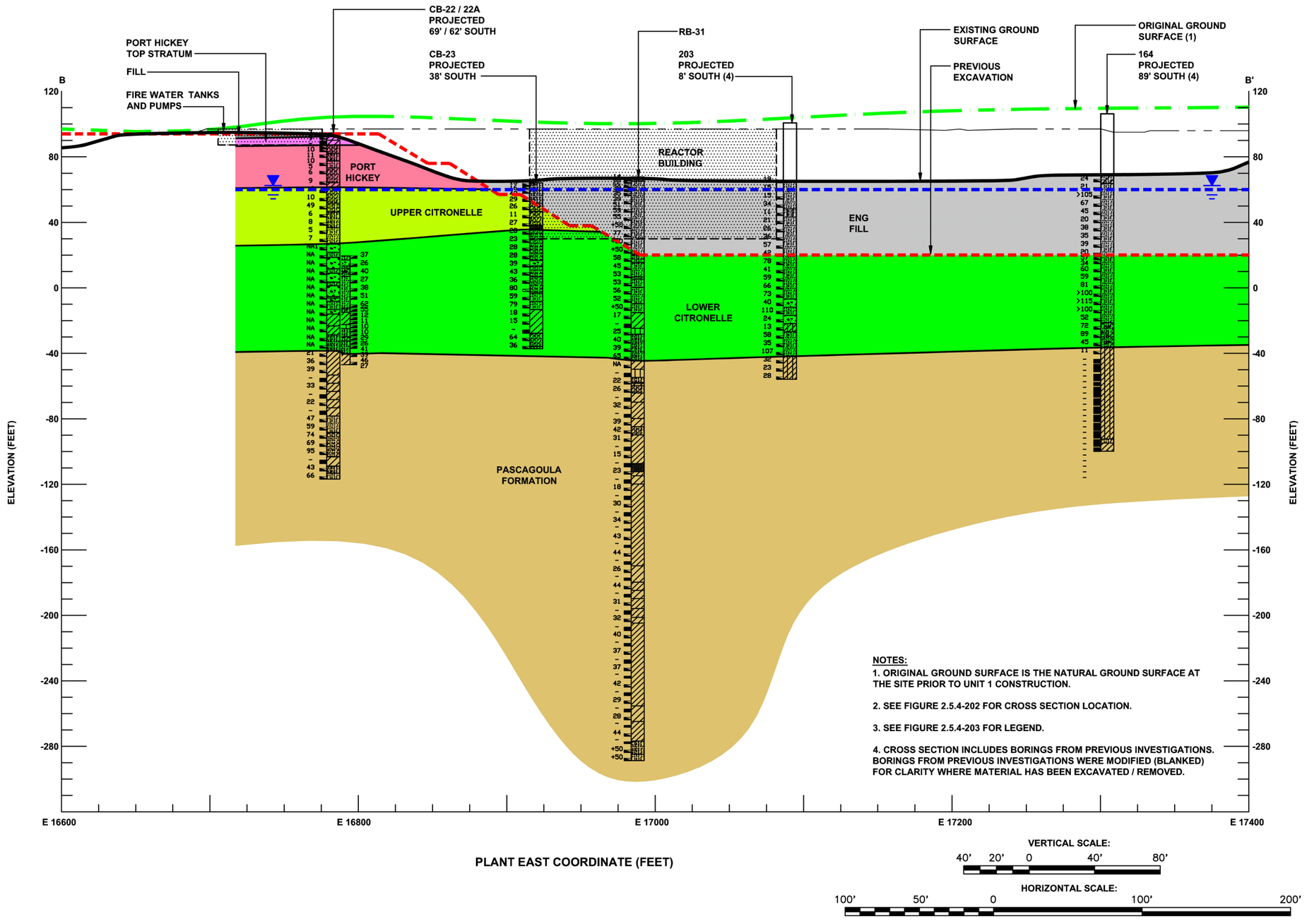


Figure 2.5.4-204. Cross Section B-B' Through RBS Unit 3 Site Location

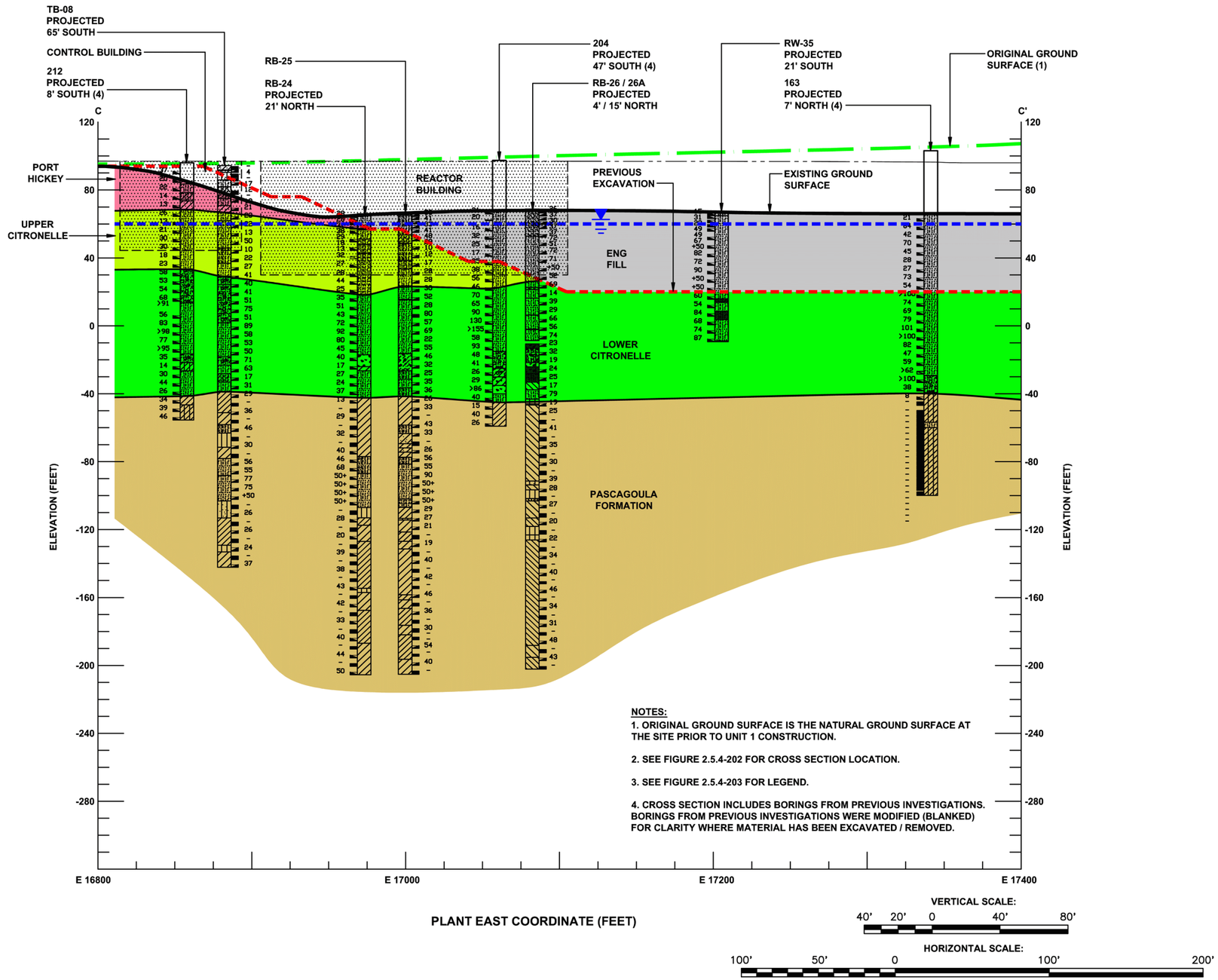


Figure 2.5.4-205. Cross Section C-C' Through RBS Unit 3 Site Location

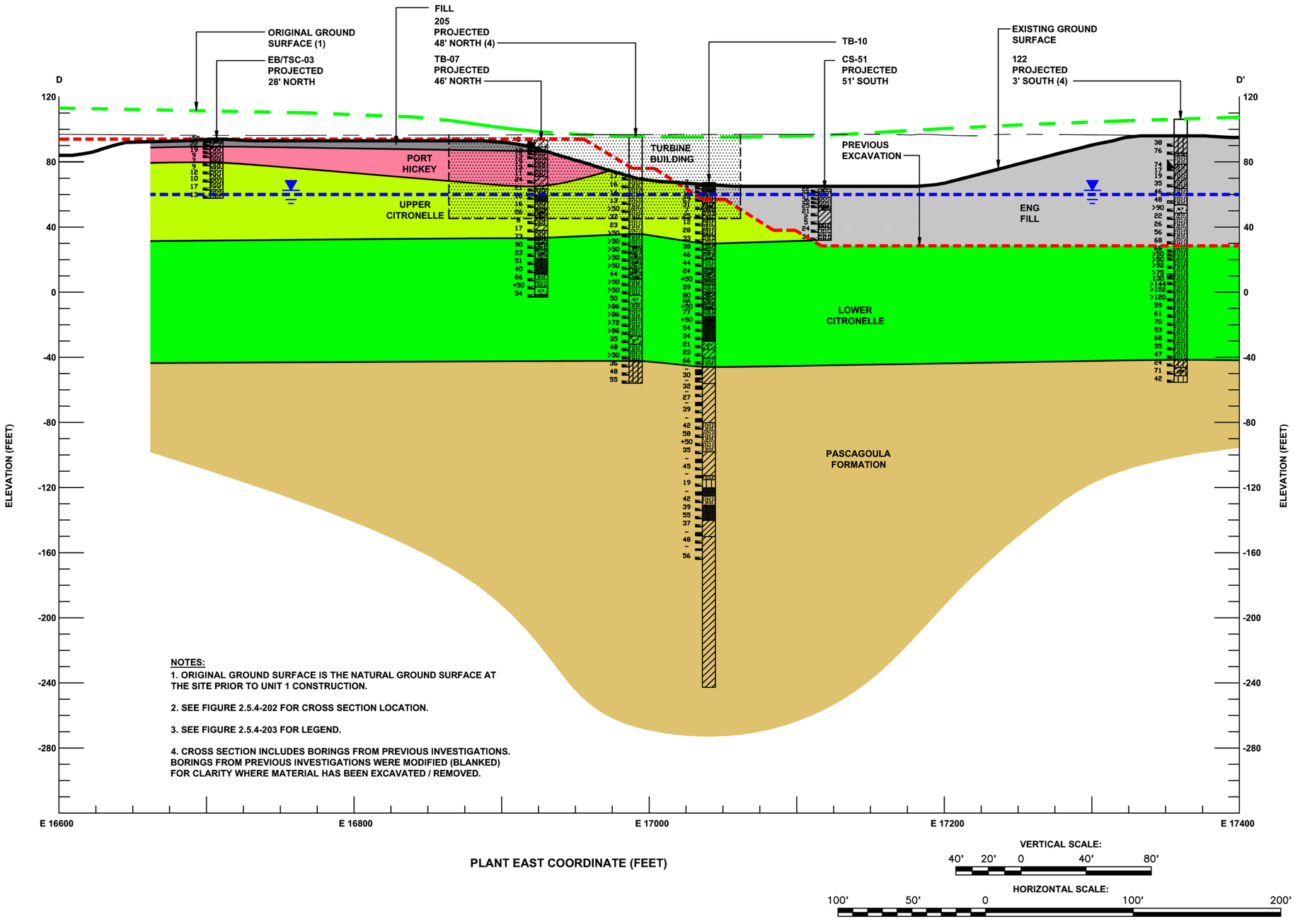


Figure 2.5.4-206. Cross Section D-D' Through RBS Unit 3 Site Location

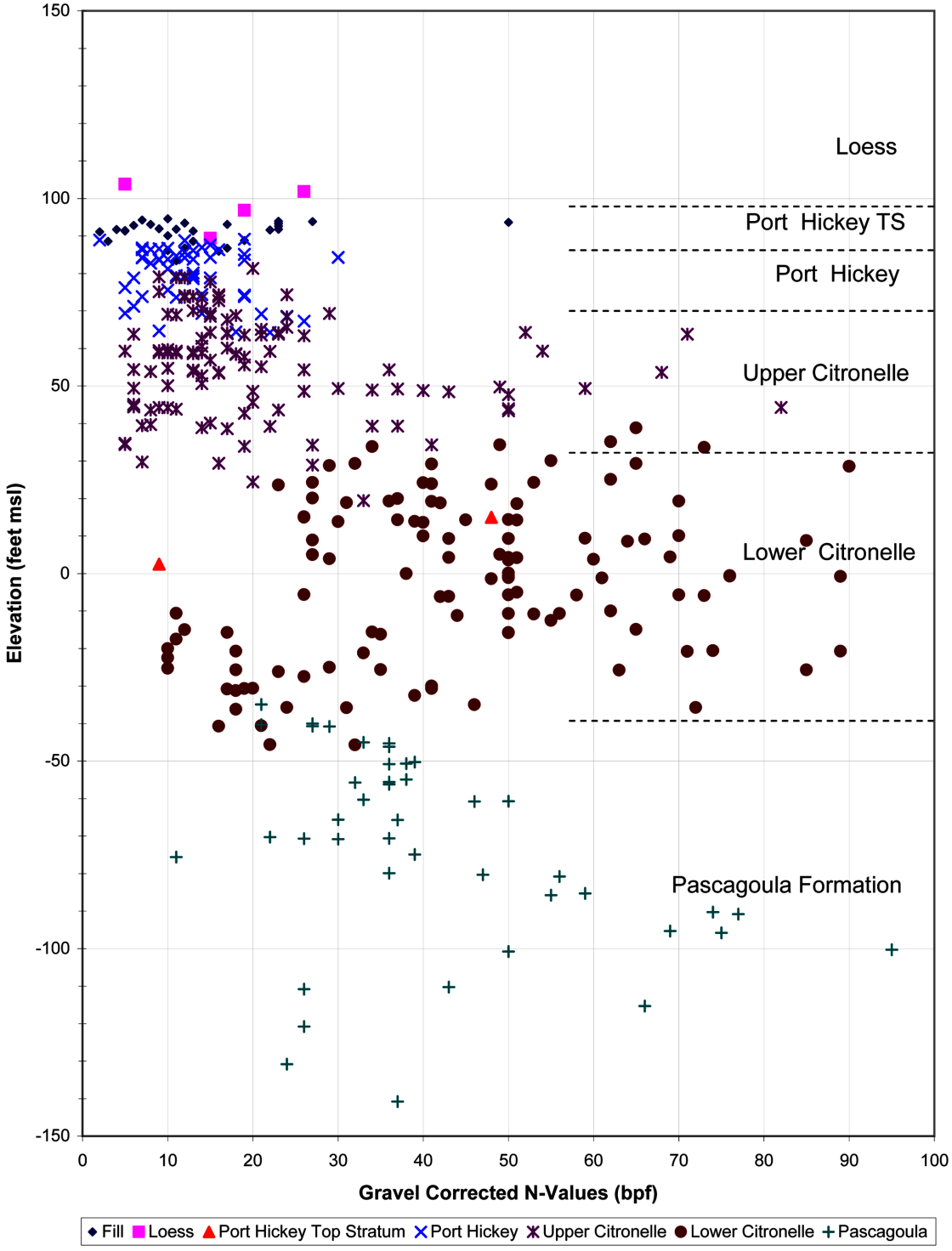


Figure 2.5.4-207. Gravel-Corrected Field N-Values, Borings Outside Excavation

Revision 0

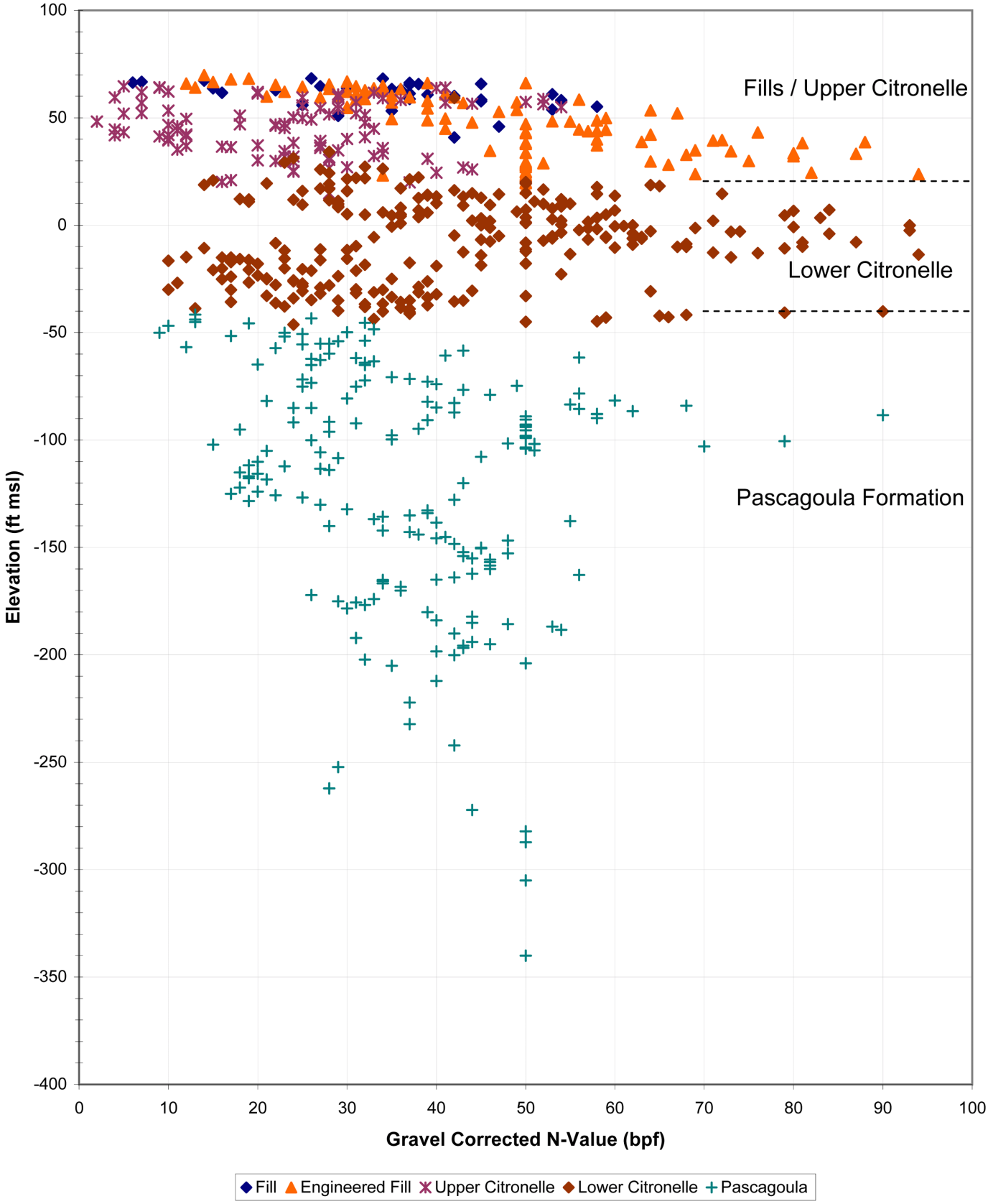


Figure 2.5.4-208. Gravel-Corrected Field N-Values, Borings Inside Excavation **Revision 0**

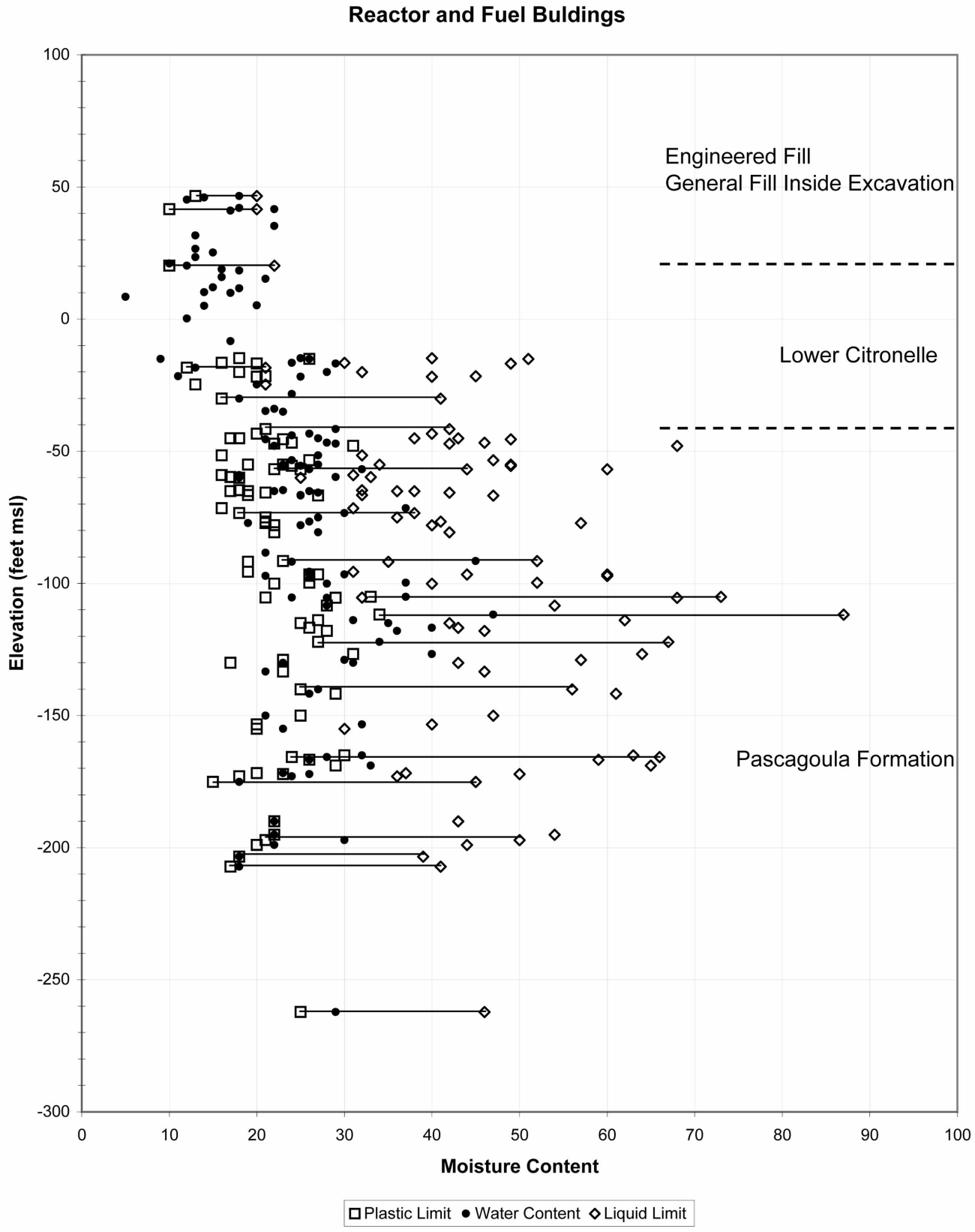


Figure 2.5.4-209. Natural Moisture Content and Atterberg Limits (Sheet 1 of 4) **Revision 0**

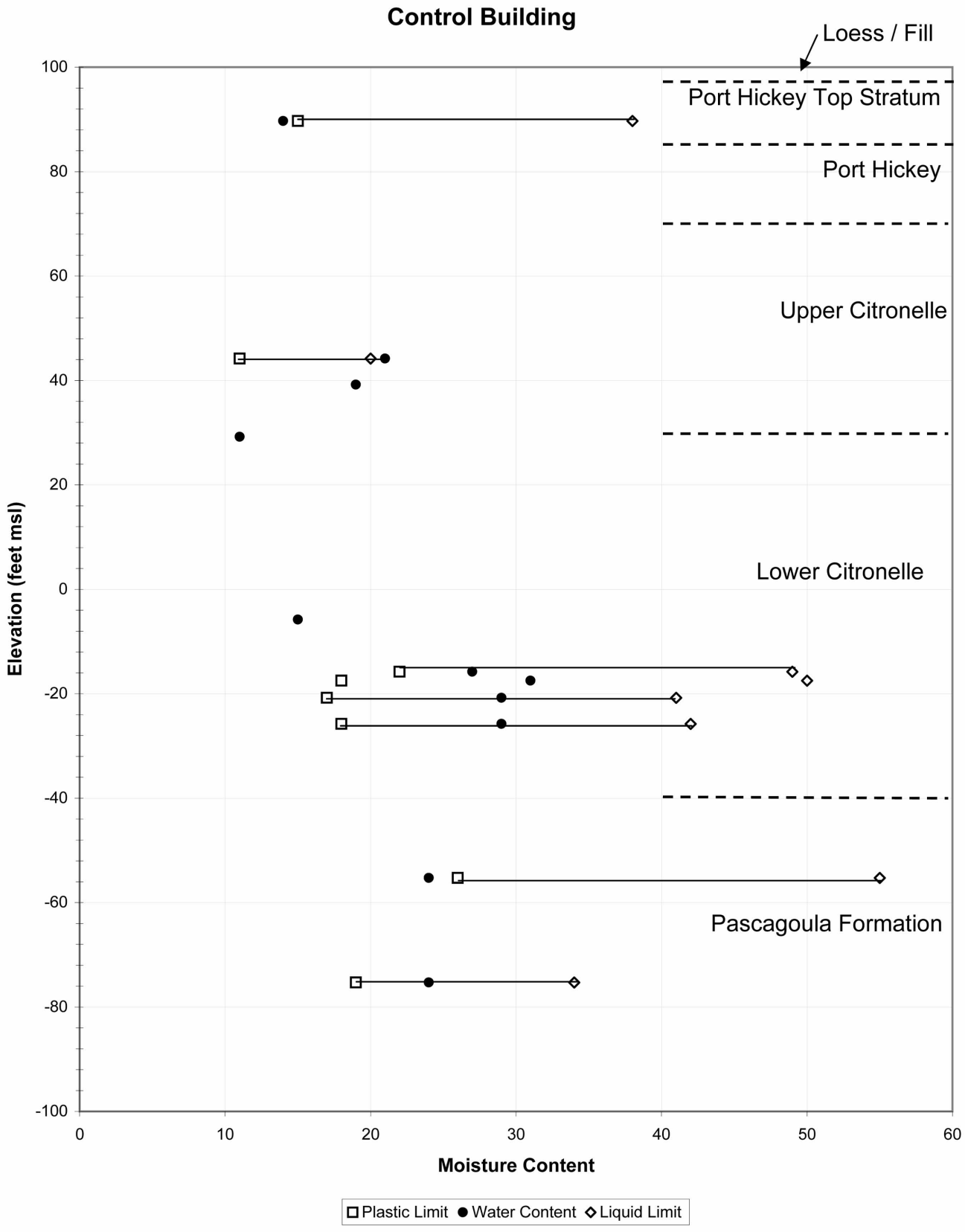


Figure 2.5.4-209. Natural Moisture Content and Atterberg Limits (Sheet 2 of 4)

Revision 0

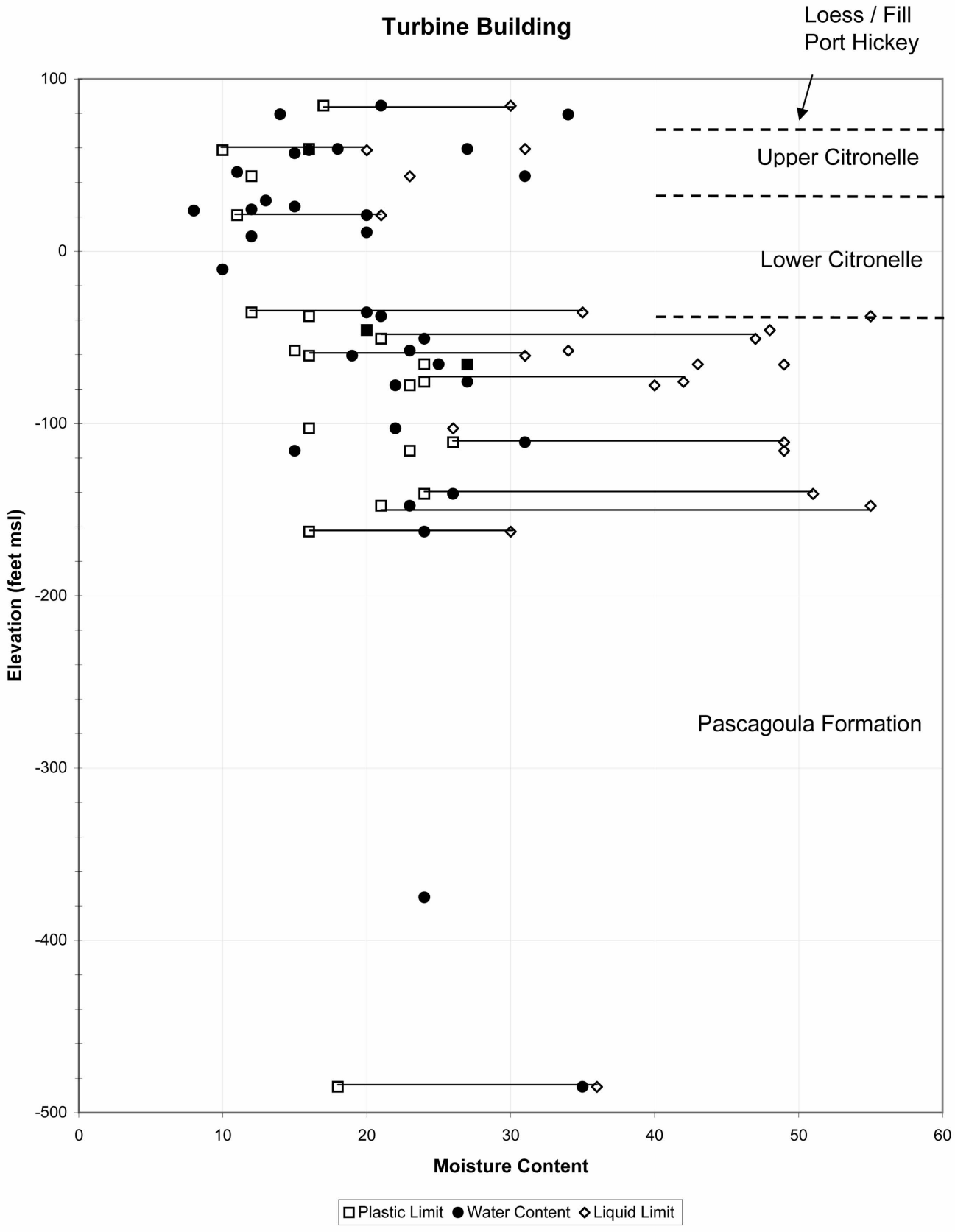


Figure 2.5.4-209. Natural Moisture Content and Atterberg Limits (Sheet 3 of 4)

Revision 0

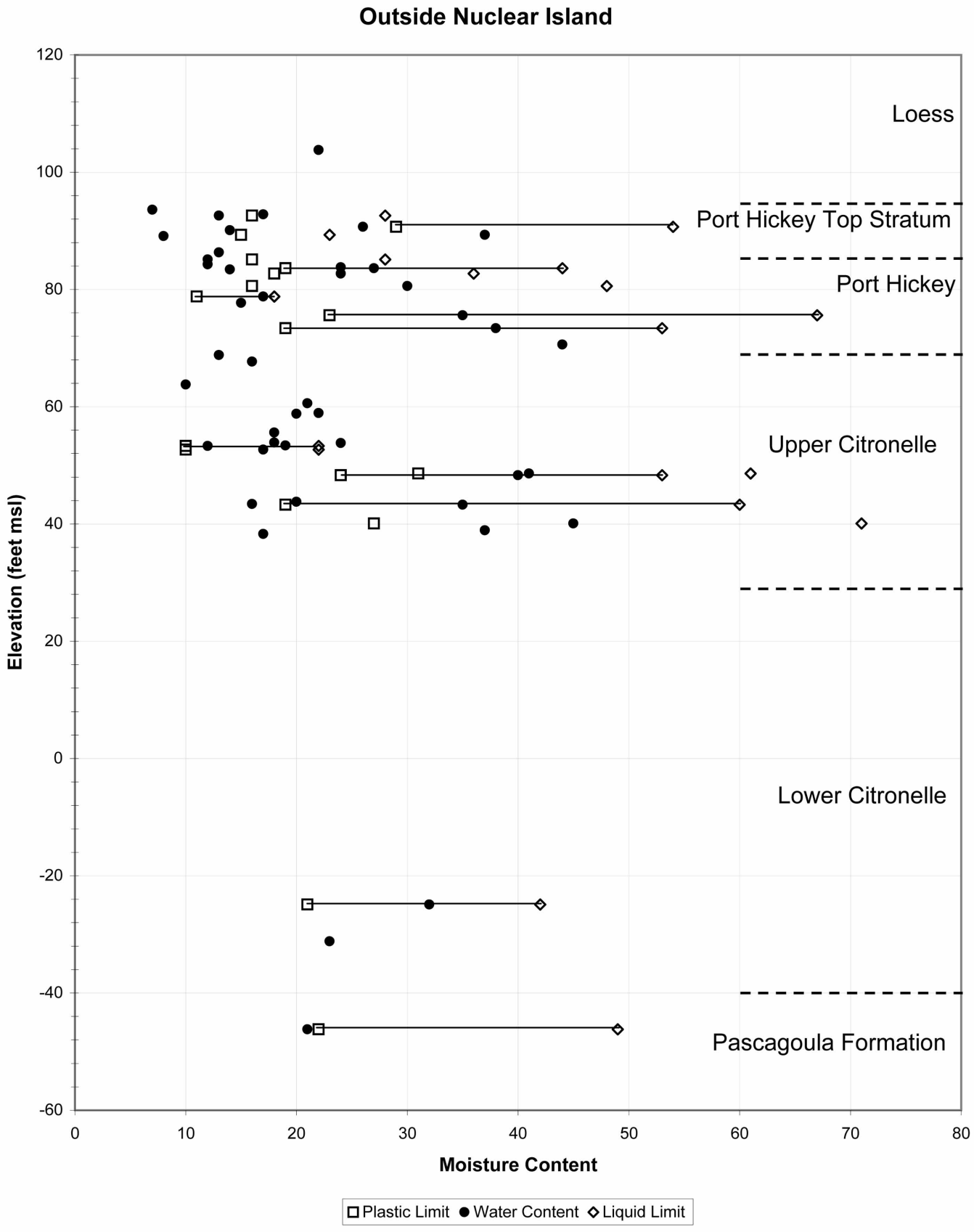


Figure 2.5.4-209. Natural Moisture Content and Atterberg Limits (Sheet 4 of 4)

Revision 0

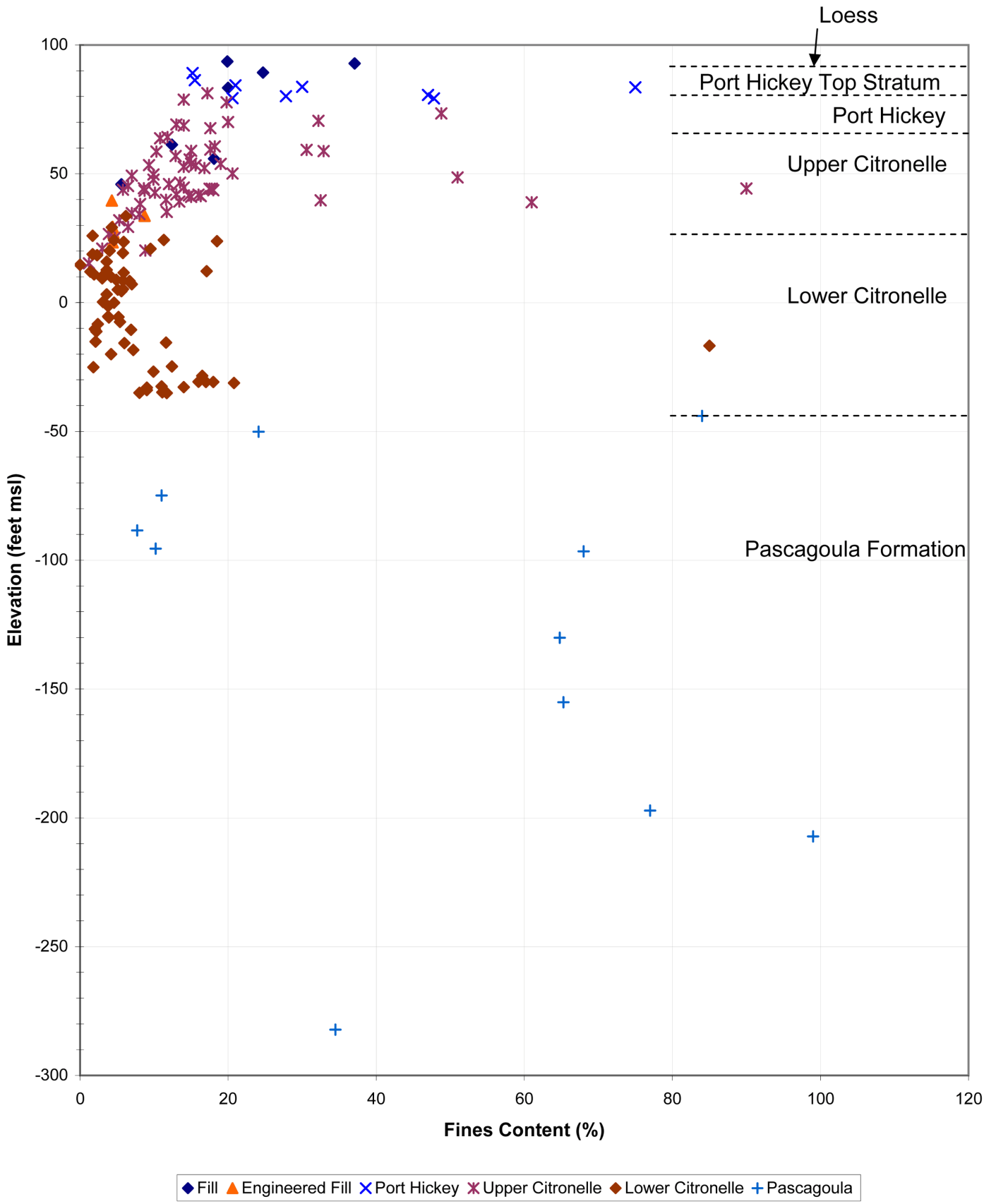


Figure 2.5.4-210. Fines Content **Revision 0**

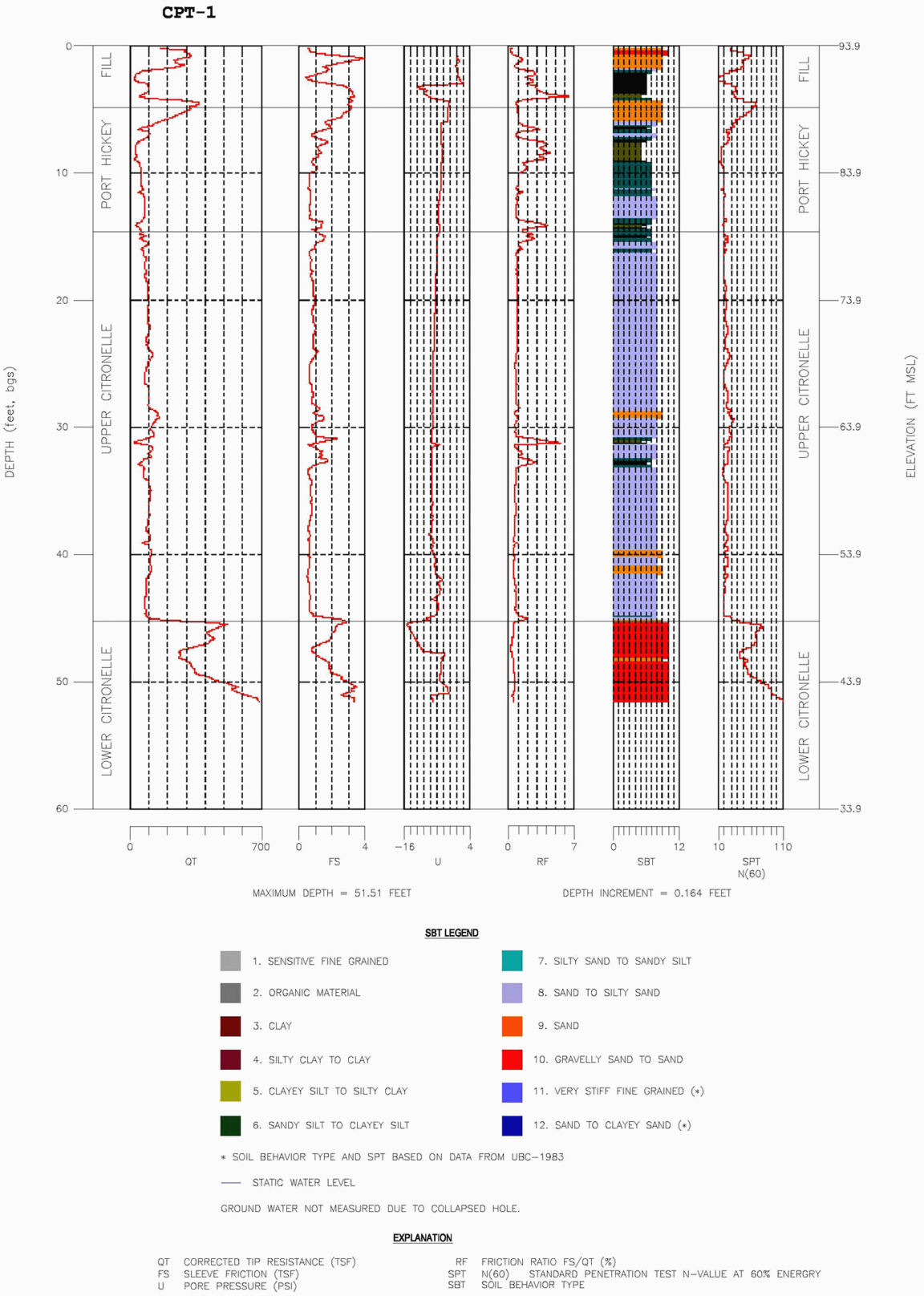


Figure 2.5.4-211. Cone Penetrometer Test Summary Logs (Sheet 1 of 9) **Revision 0**

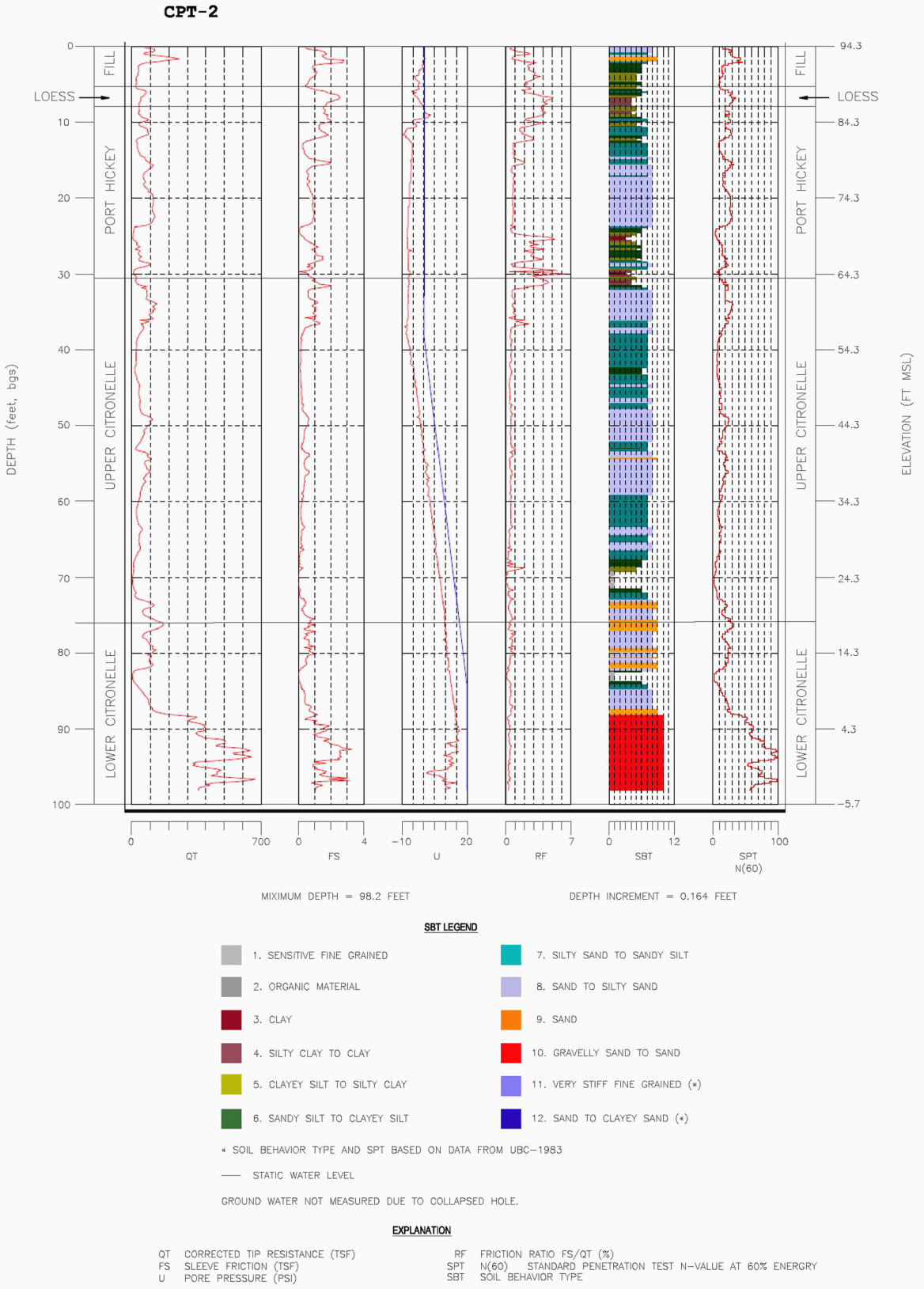


Figure 2.5.4-211. Cone Penetrometer Test Summary Logs (Sheet 2 of 9) **Revision 0**

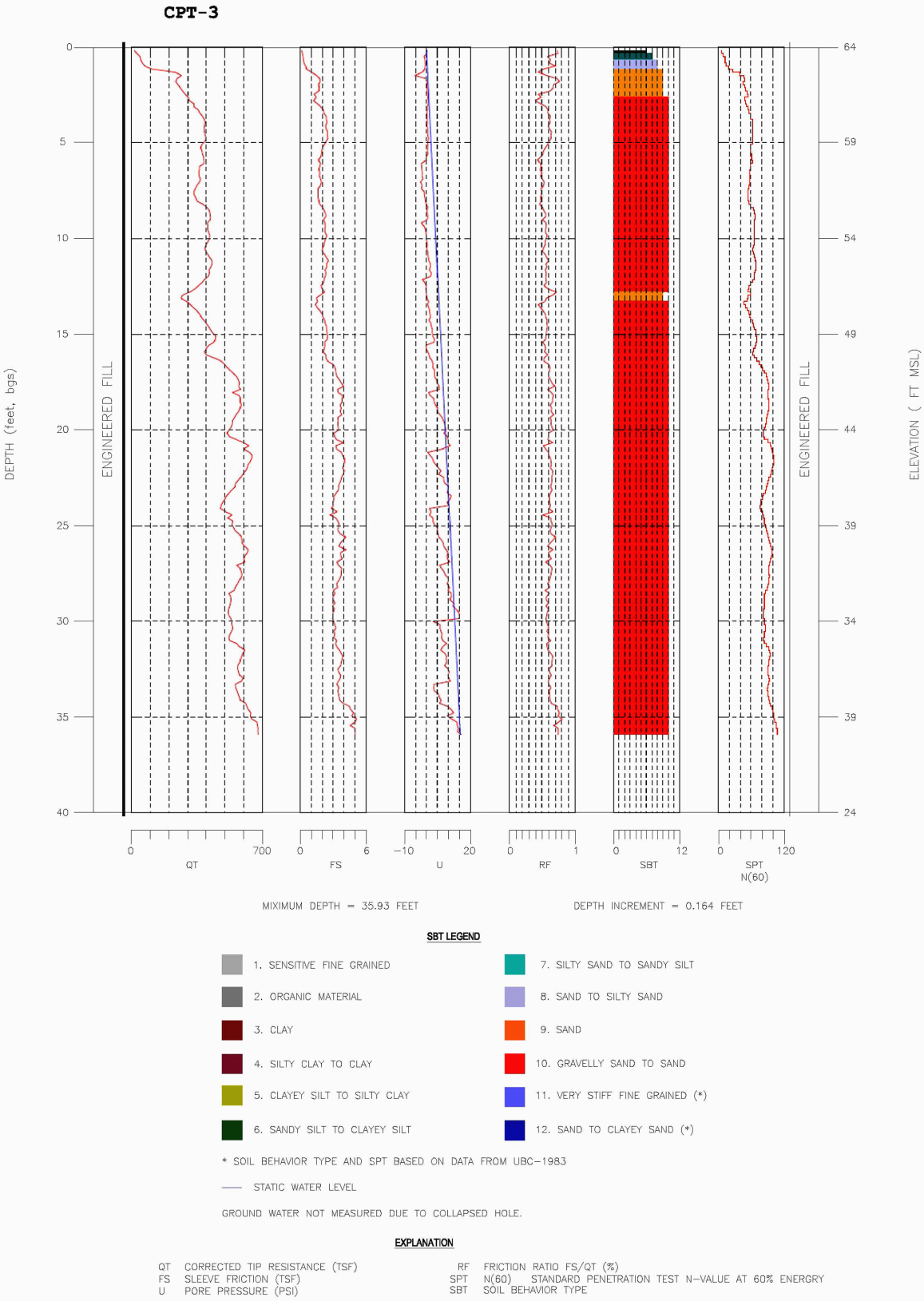


Figure 2.5.4-211. Cone Penetrometer Test Summary Logs (Sheet 3 of 9) **Revision 0**

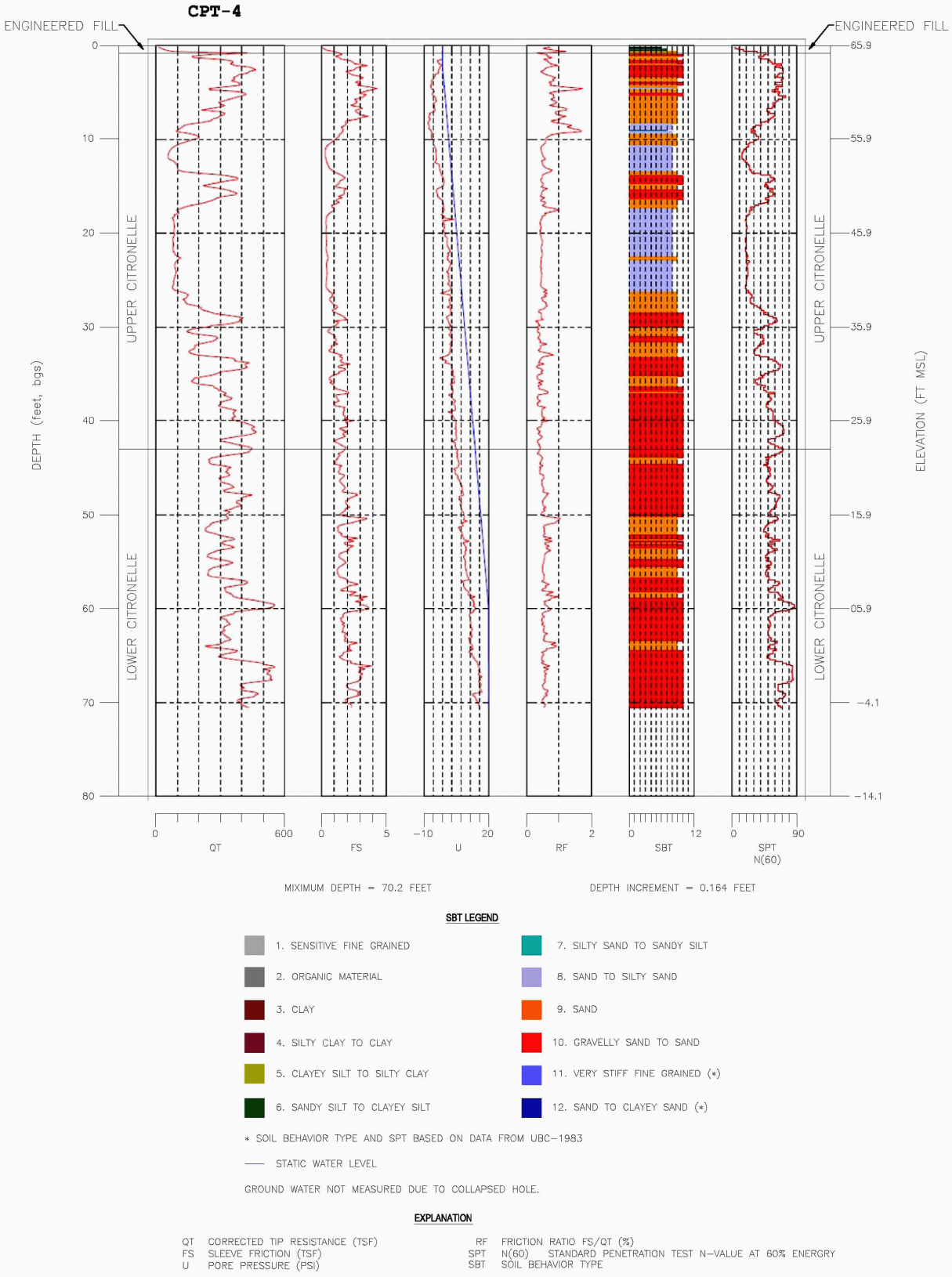


Figure 2.5.4-211. Cone Penetrometer Test Summary Logs (Sheet 4 of 9) **Revision 0**

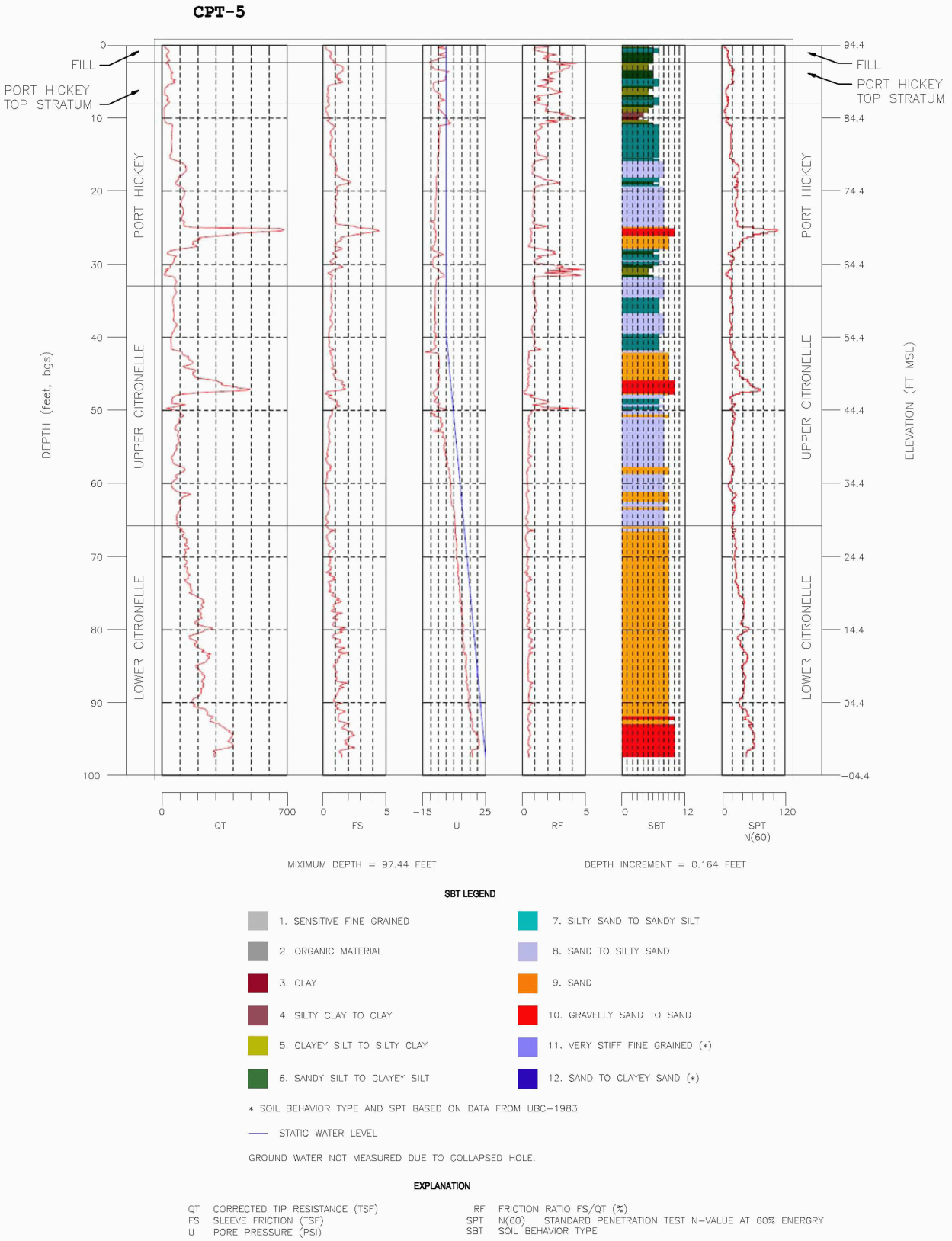


Figure 2.5.4-211. Cone Penetrometer Test Summary Logs (Sheet 5 of 9) **Revision 0**

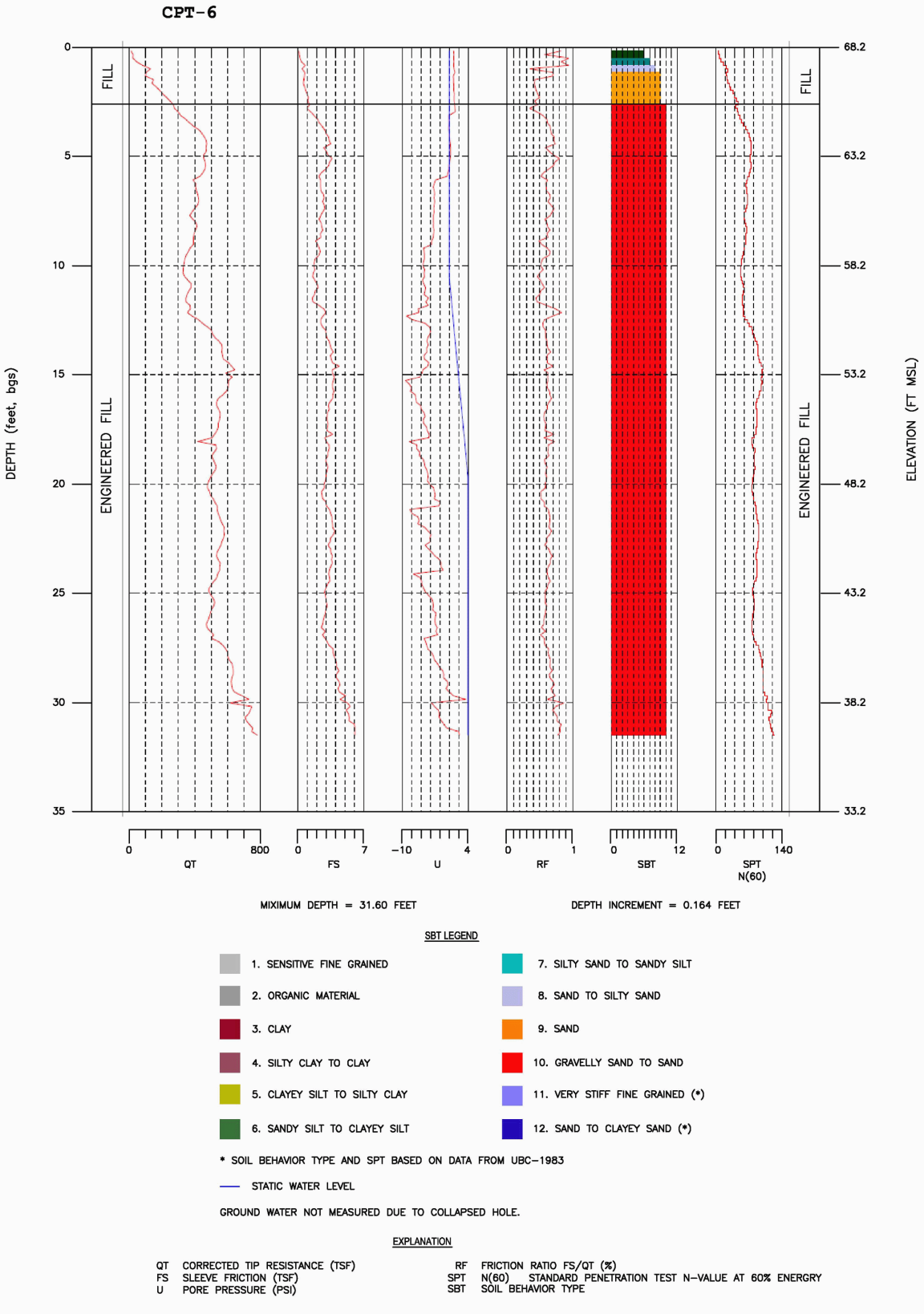


Figure 2.5.4-211. Cone Penetrometer Test Summary Logs (Sheet 6 of 9) **Revision 0**

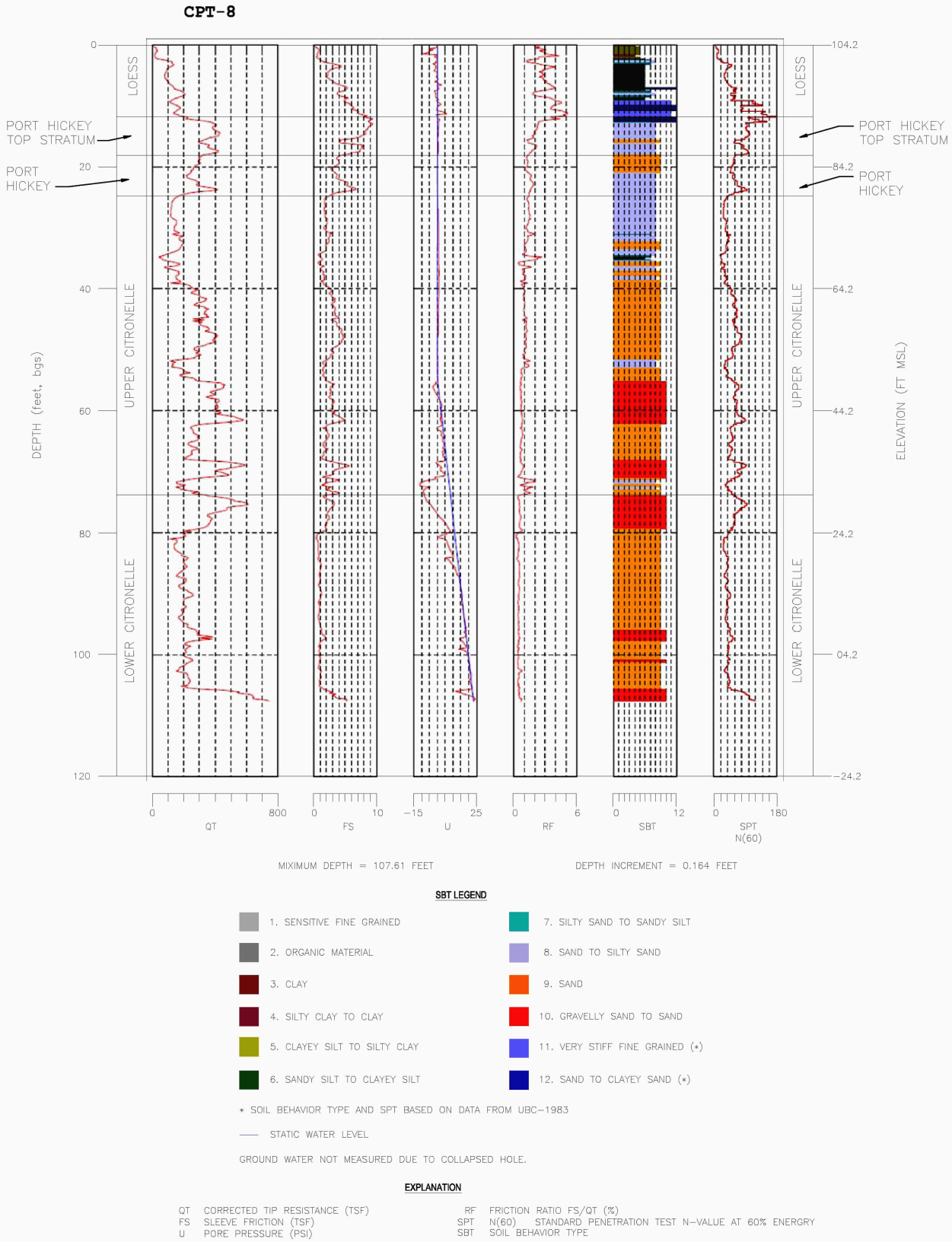


Figure 2.5.4-211. Cone Penetrometer Test Summary Logs (Sheet 7 of 9) **Revision 0**

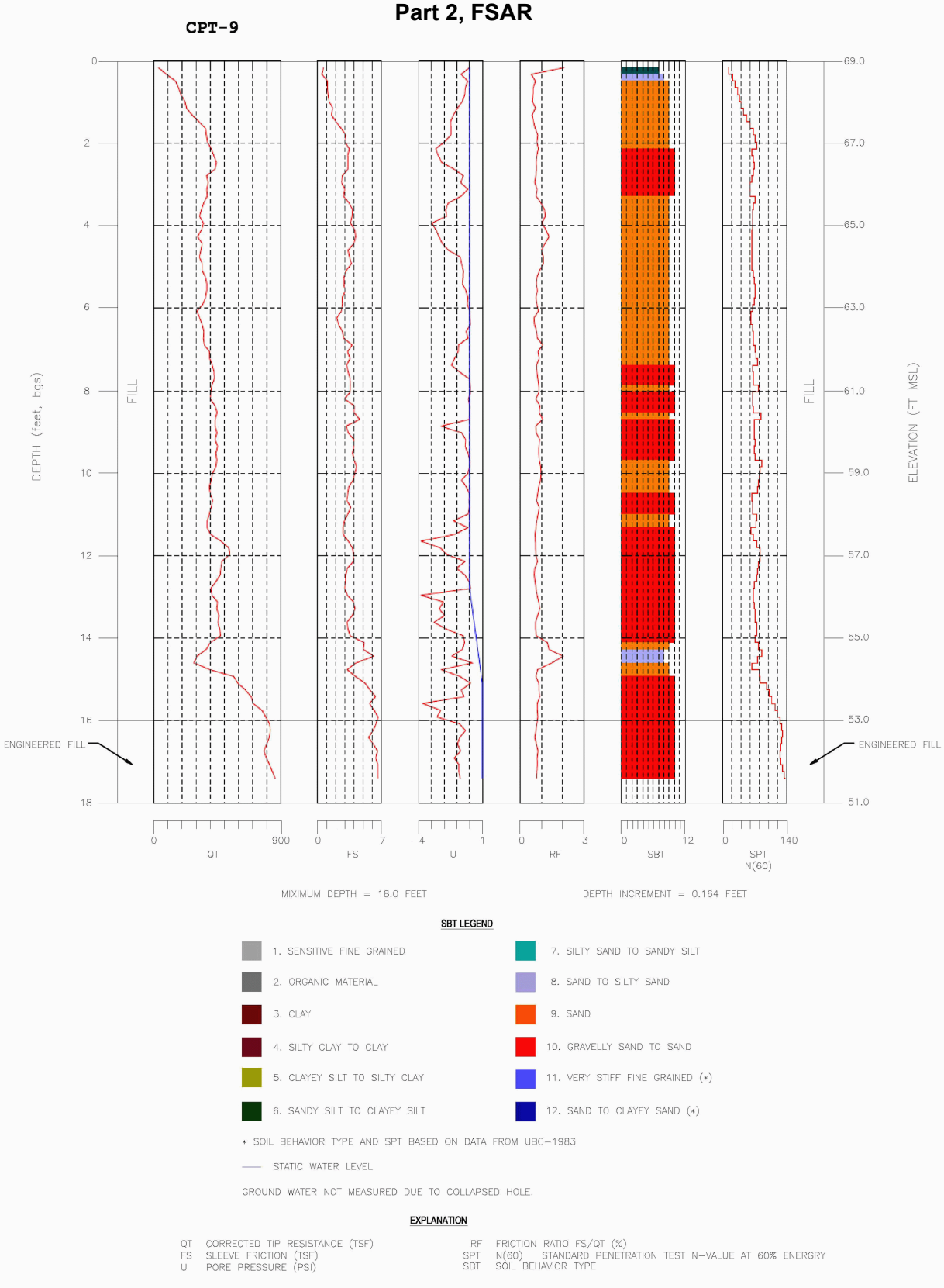


Figure 2.5.4-211. Cone Penetrometer Test Summary Logs (Sheet 8 of 9) **Revision 0**

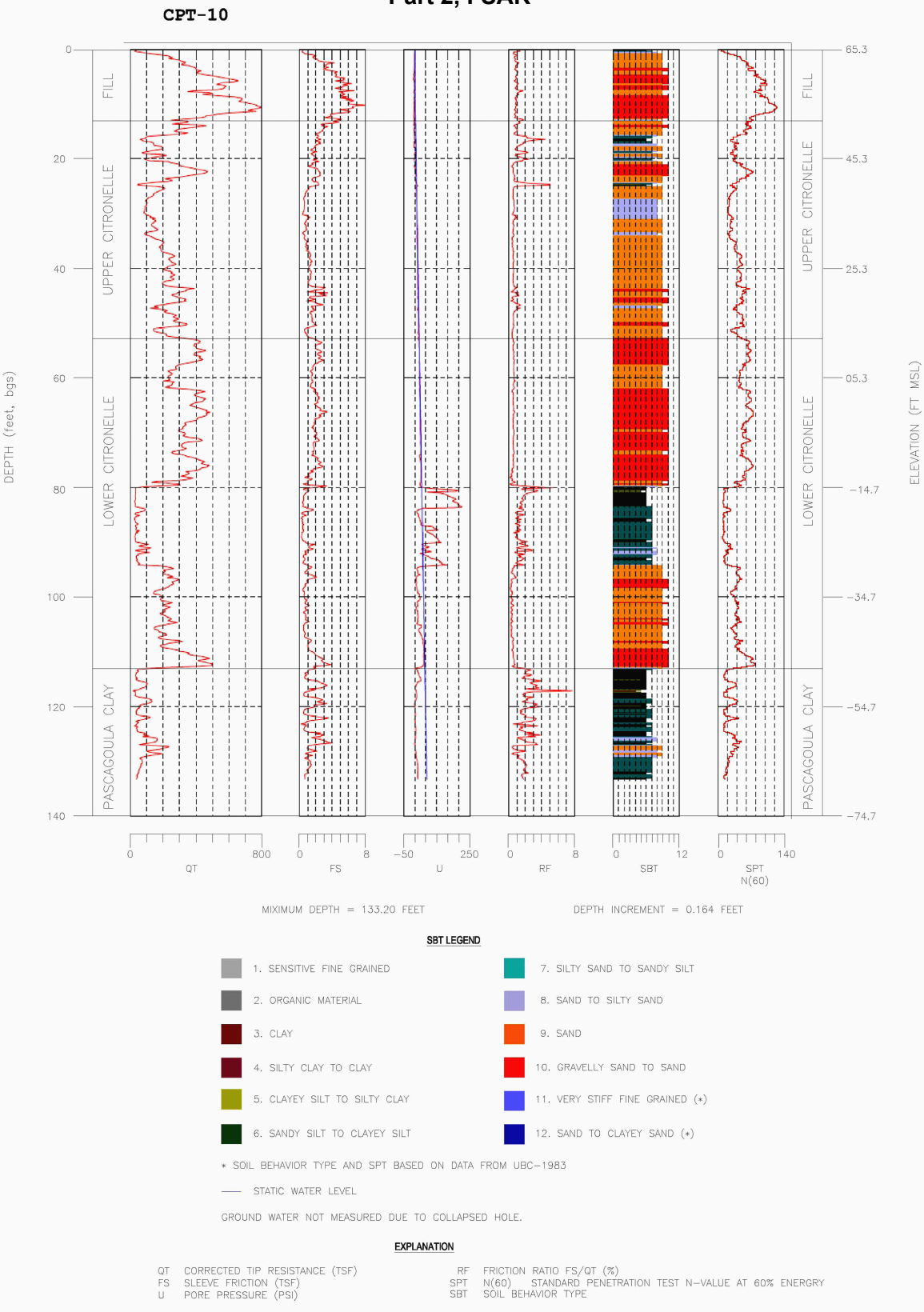


Figure 2.5.4-211. Cone Penetrometer Test Summary Logs (Sheet 9 of 9) **Revision 0**

Figure 2.5.4-212. Photographed Sample of Loess

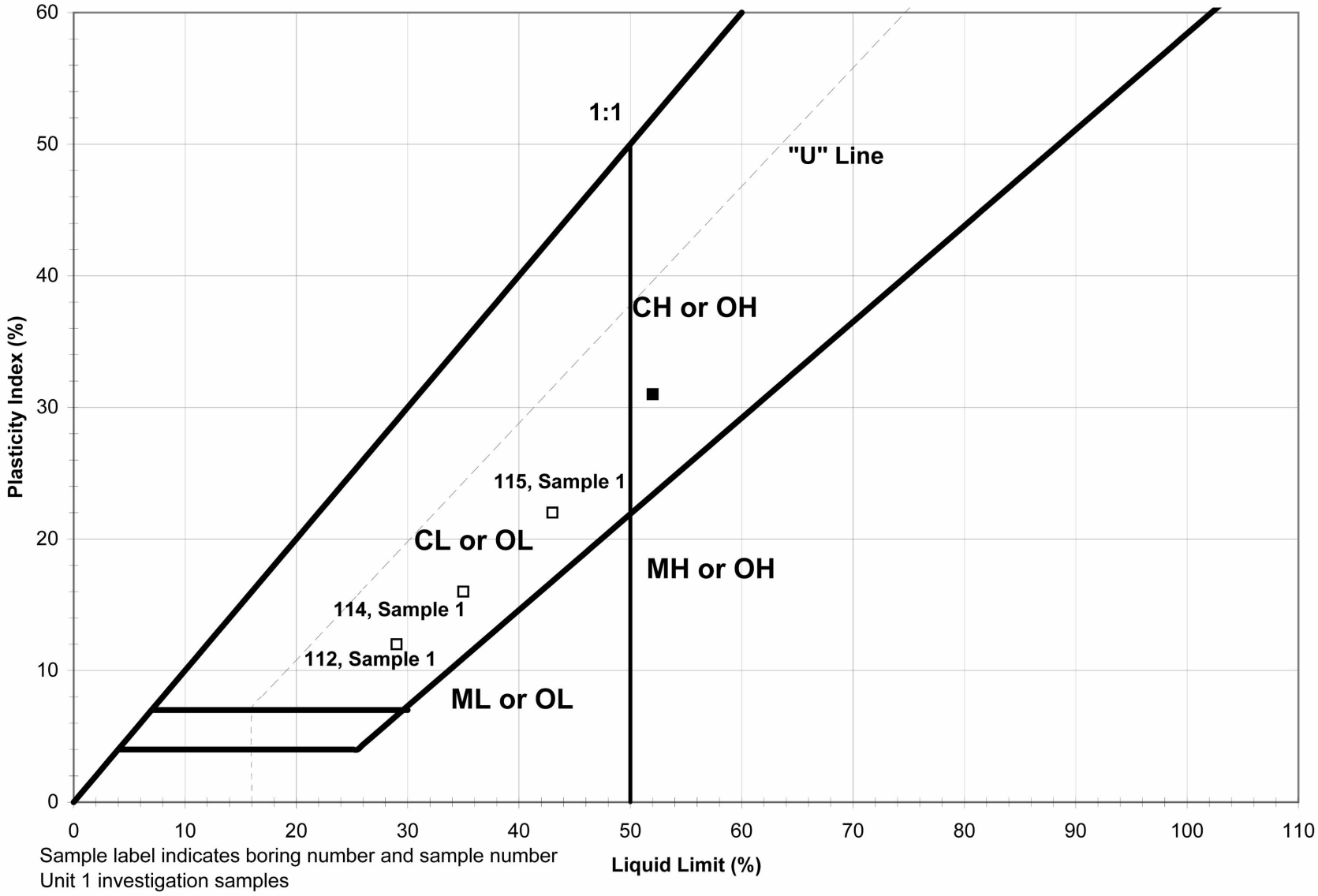


Figure 2.5.4-213. Plasticity Chart, Loess

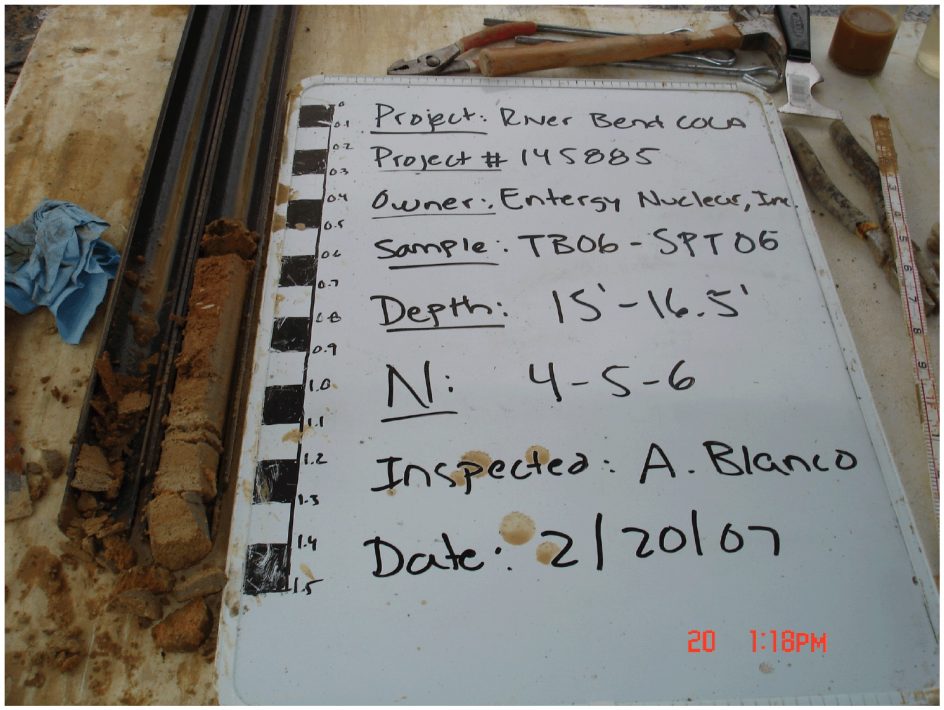


Figure 2.5.4-214. Photographed Sample of Port Hickey Top Stratum

Figure 2.5.4-215. Photographed Sample of Port Hickey Formation

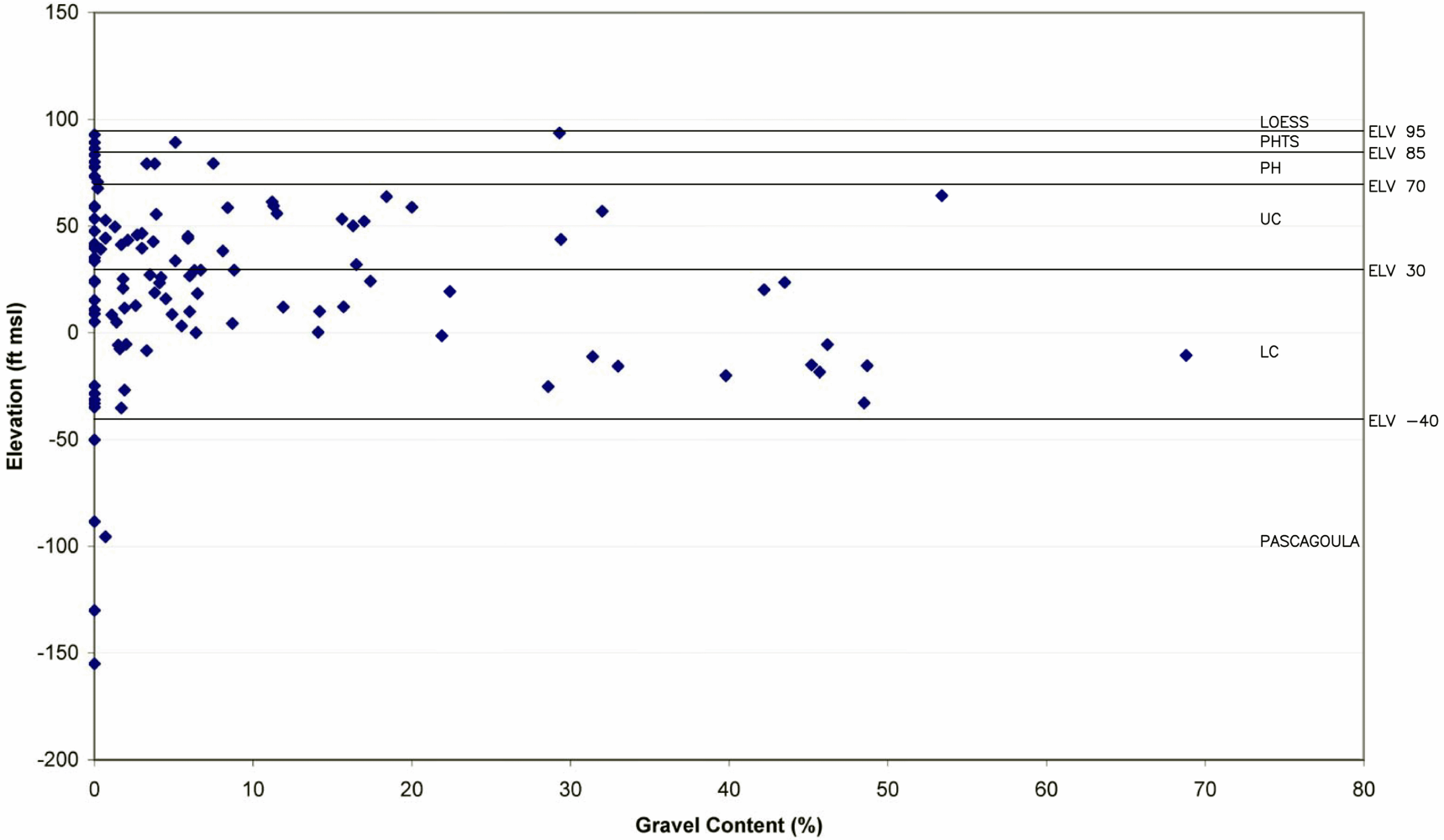


Figure 2.5.4-216. Gravel Content

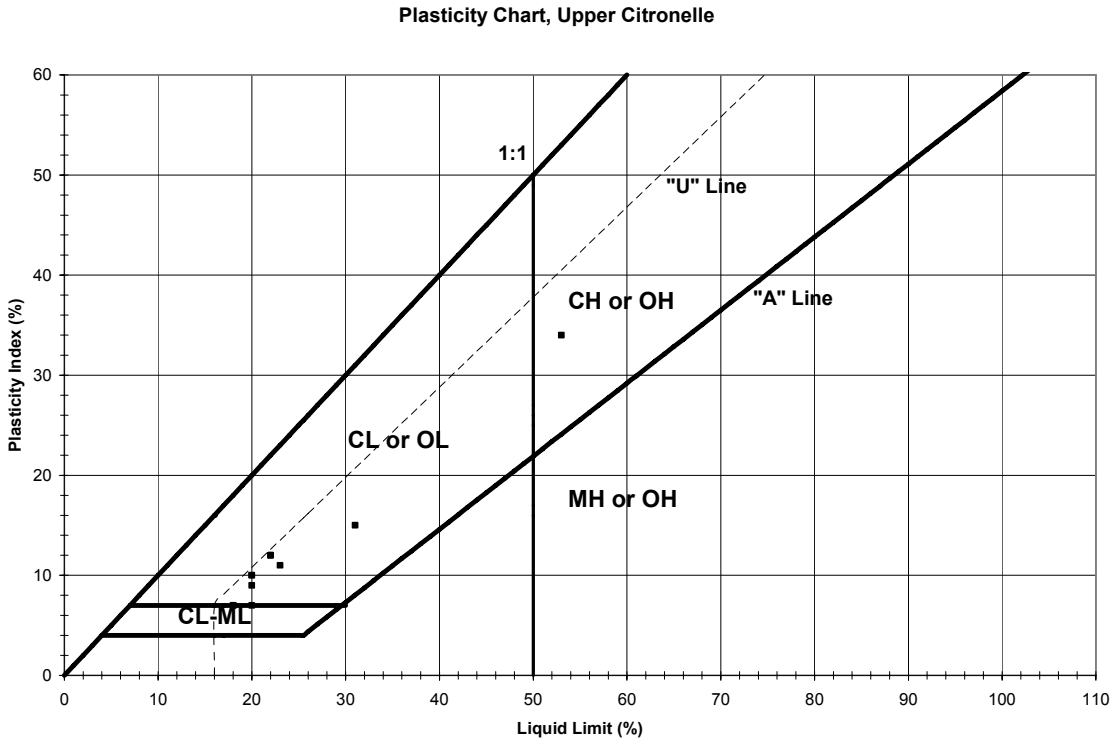


Figure 2.5.4-217. Plasticity Chart, Upper Citronelle

Figure 2.5.4-218. Photographed Sample of Upper Citronelle

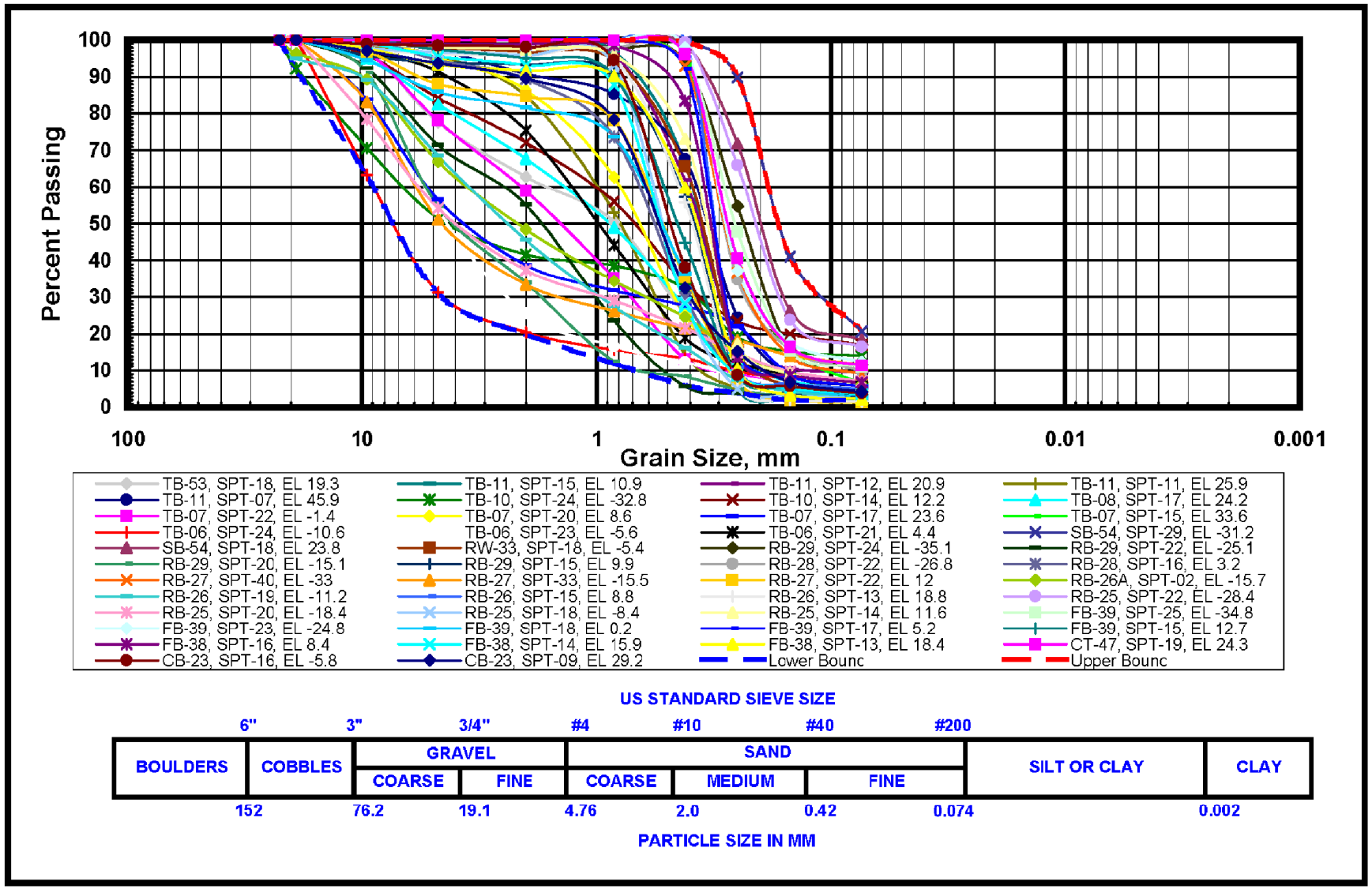


Figure 2.5.4-219. Grain Size Distributions, Lower Citronelle

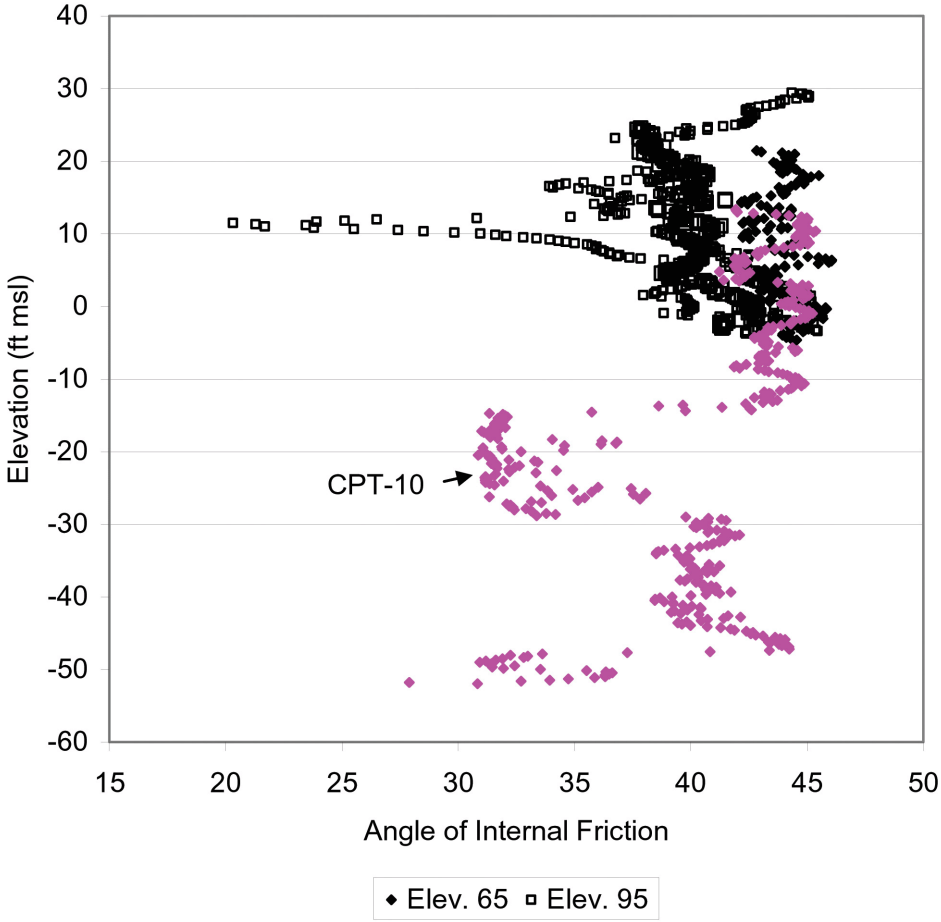


Figure 2.5.4-220. Angle of Internal Friction, Lower Citronelle, Based on CPT Soundings

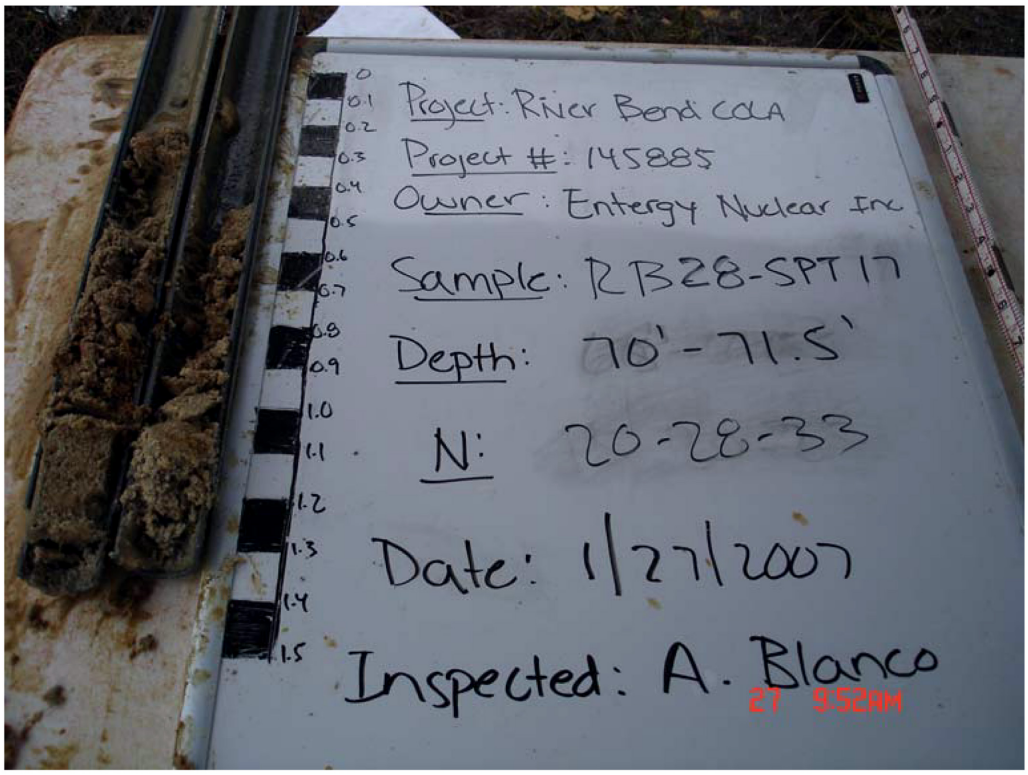


Figure 2.5.4-221. Photographed Sample of Lower Citronelle **Revision 0**

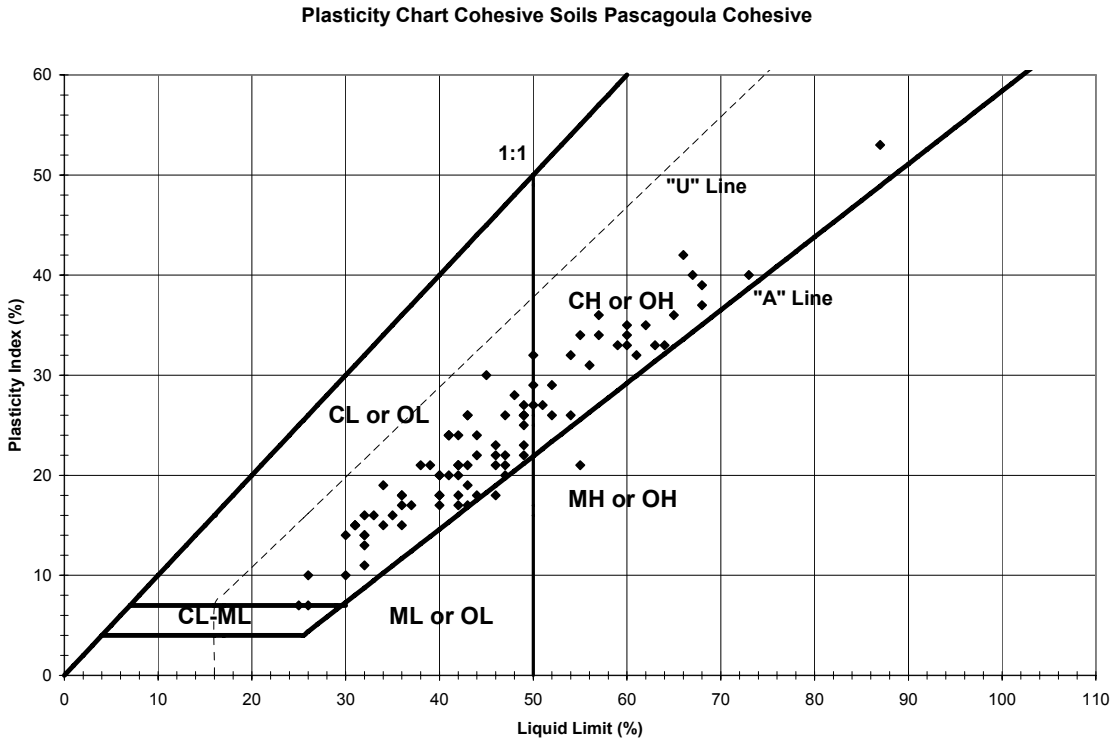


Figure 2.5.4-222. Plasticity Chart, Pascagoula Formation

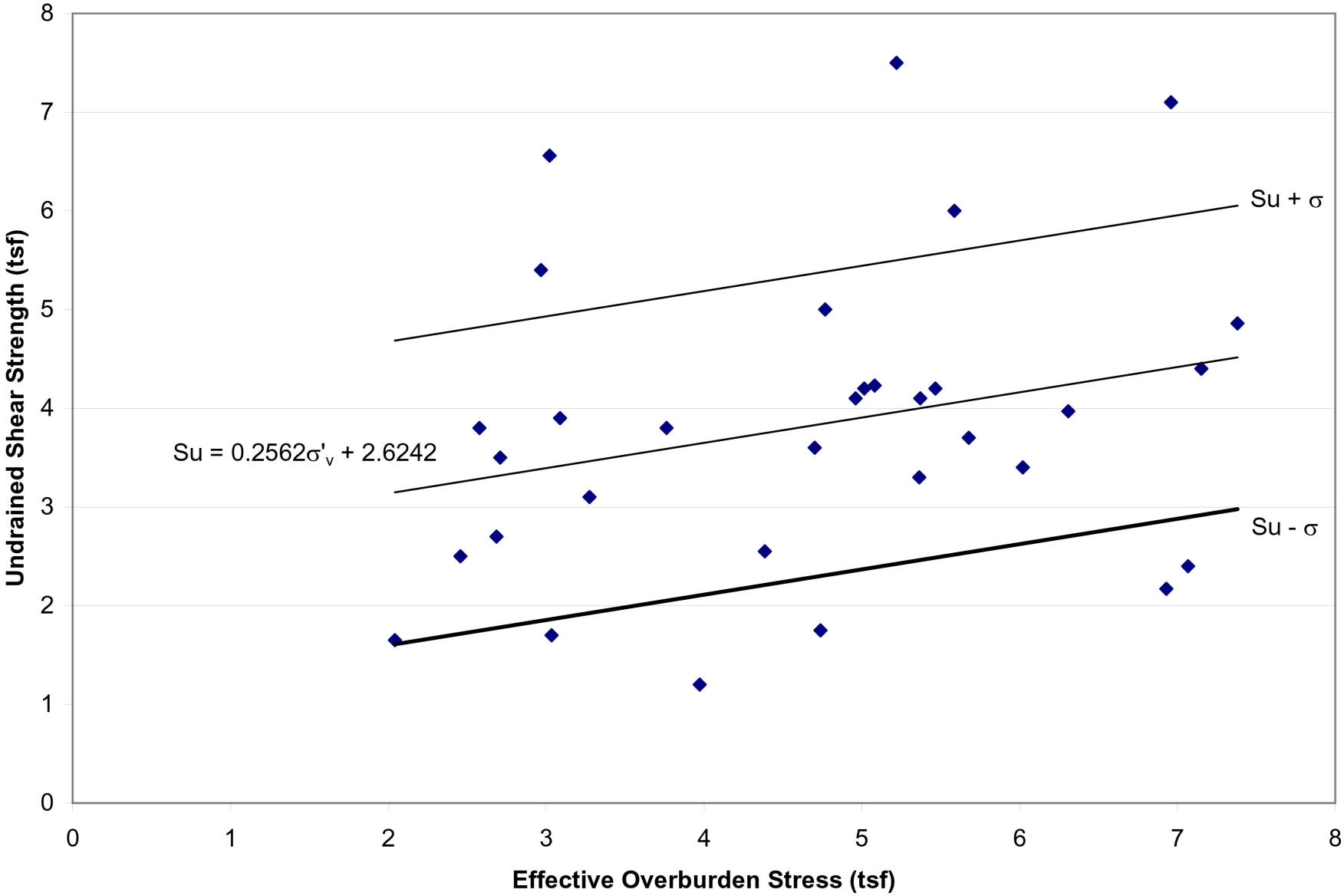


Figure 2.5.4-223. Undrained Shear Strength as a Function of Effective Overburden Stress, Pascagoula Formation

Revision 0

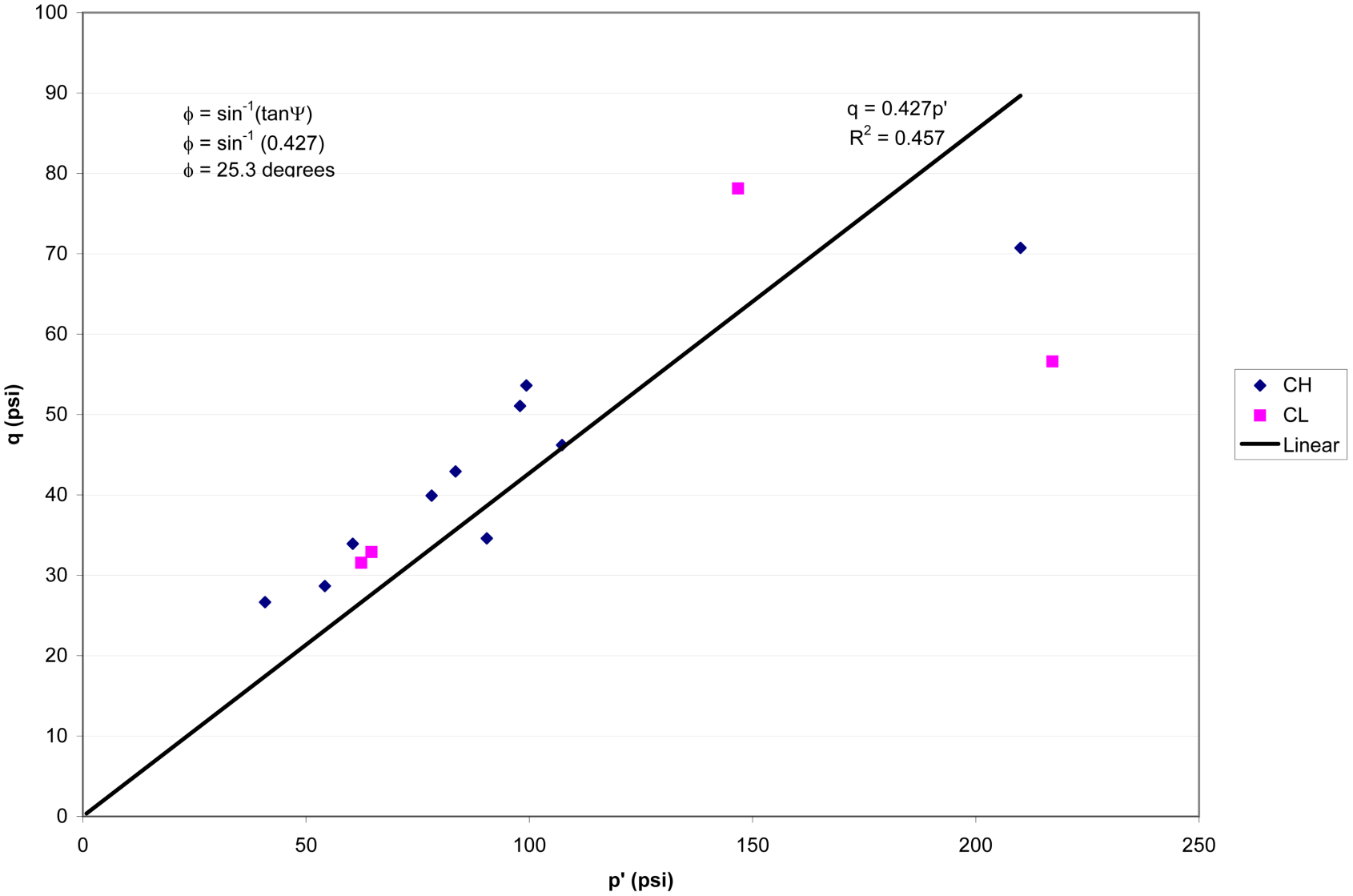
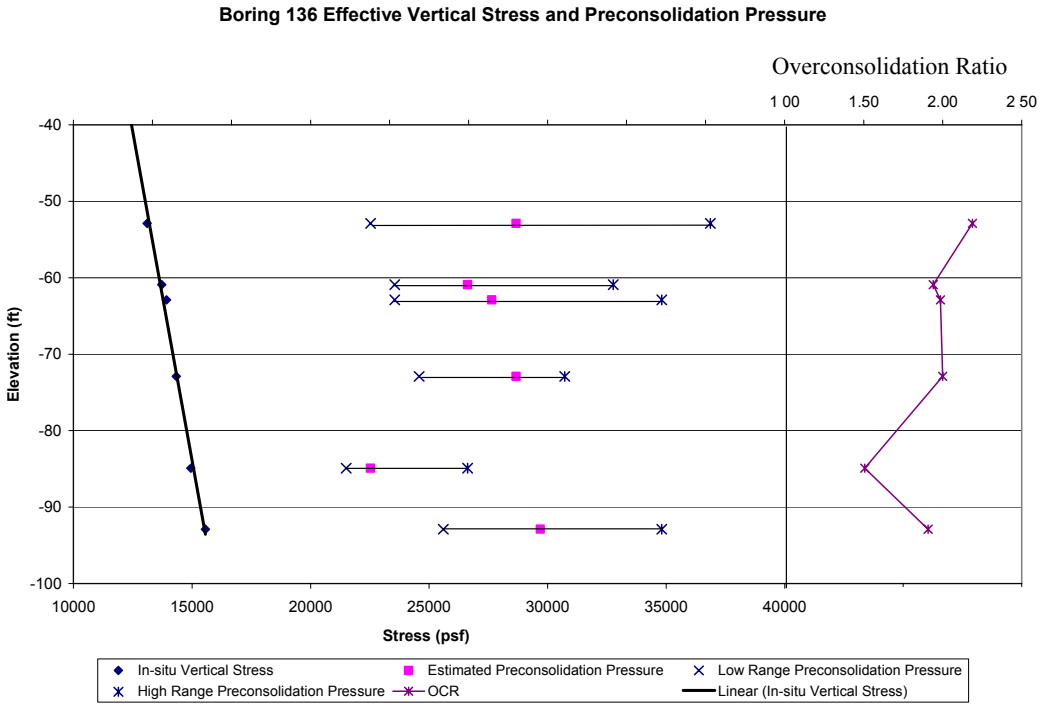


Figure 2.5.4-224. Failure Envelope, Pascagoula Formation



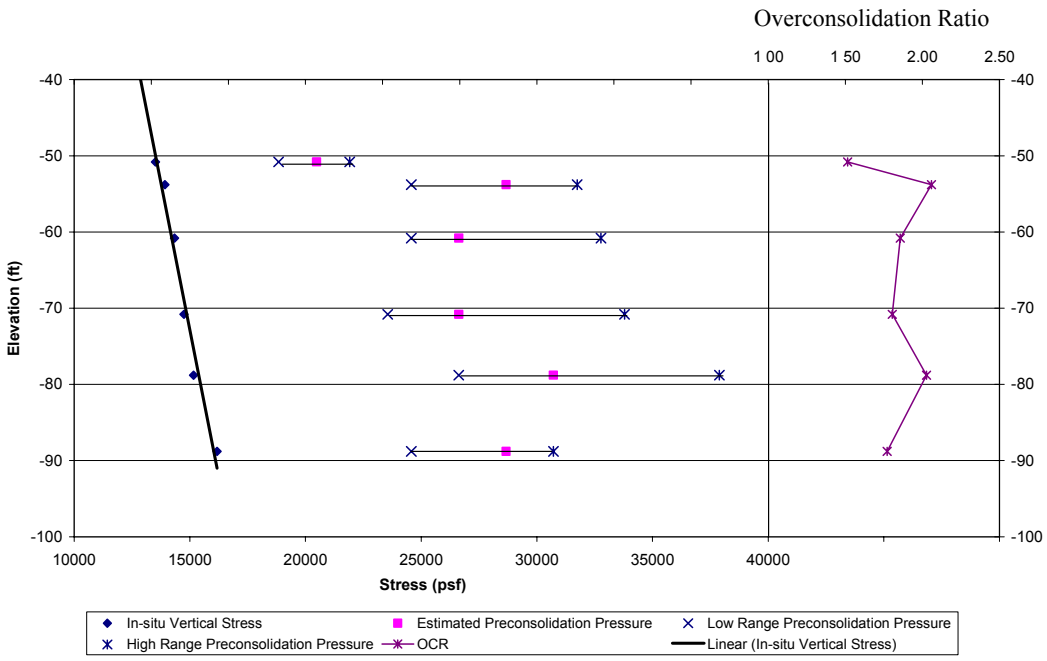


Figure 2.5.4-225. Consolidation Test Results, RBS Unit 1 Site Investigation (Sheet 1 of 2)

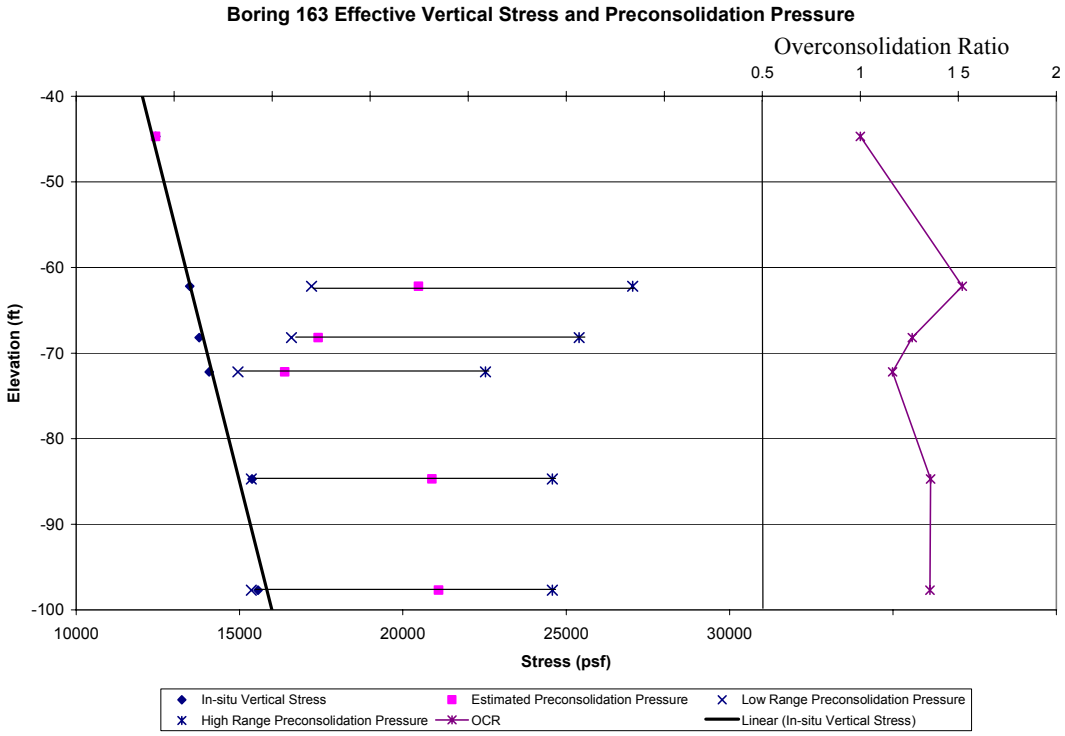


Figure 2.5.4-225. Consolidation Test Results, RBS Unit 1 Site Investigation (Sheet 2 of 2)

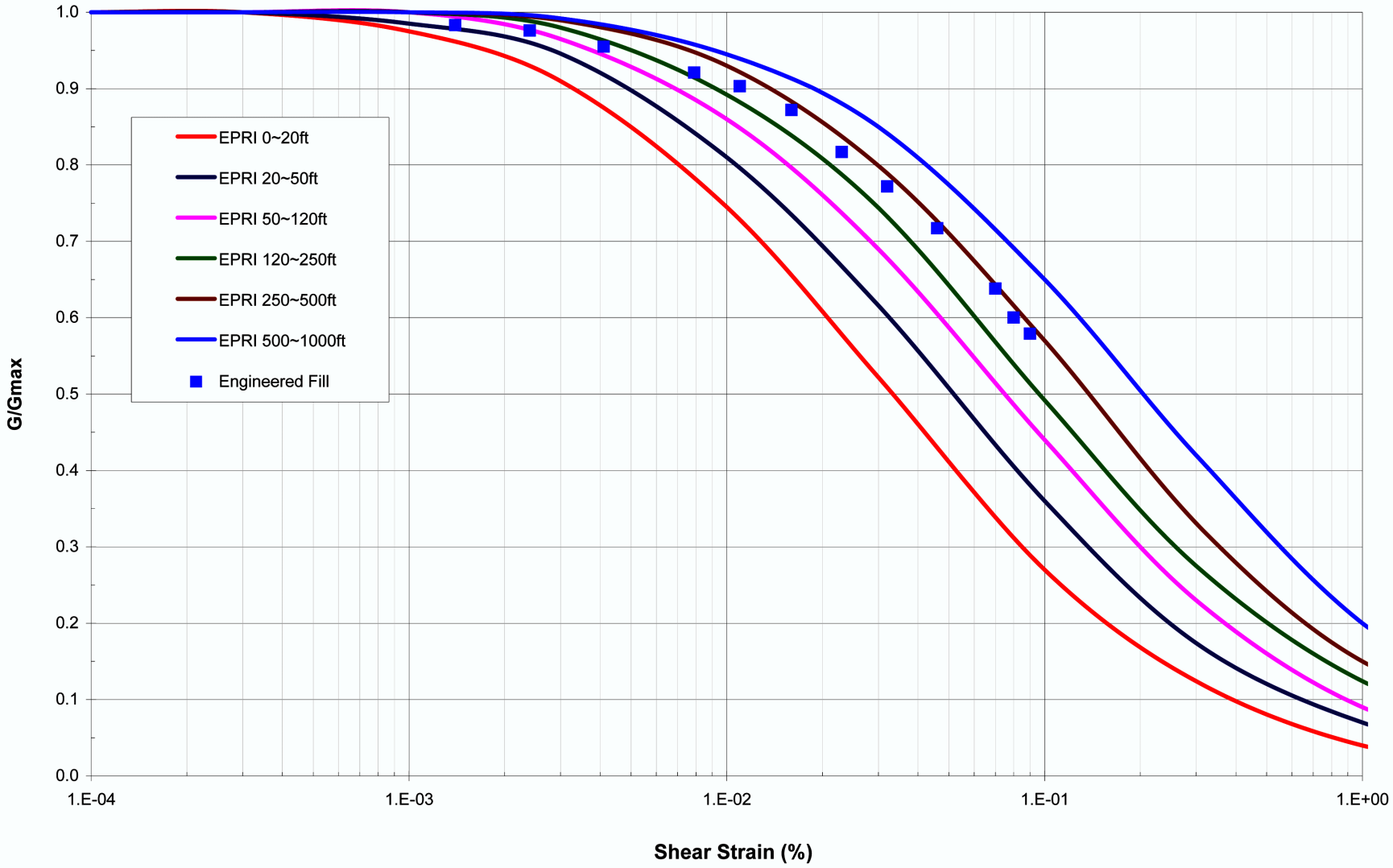


Figure 2.5.4-226. Shear Modulus Reduction Curves and Test Data at In Situ Confining Stress (Sheet 1 of 4) **Revision 0**

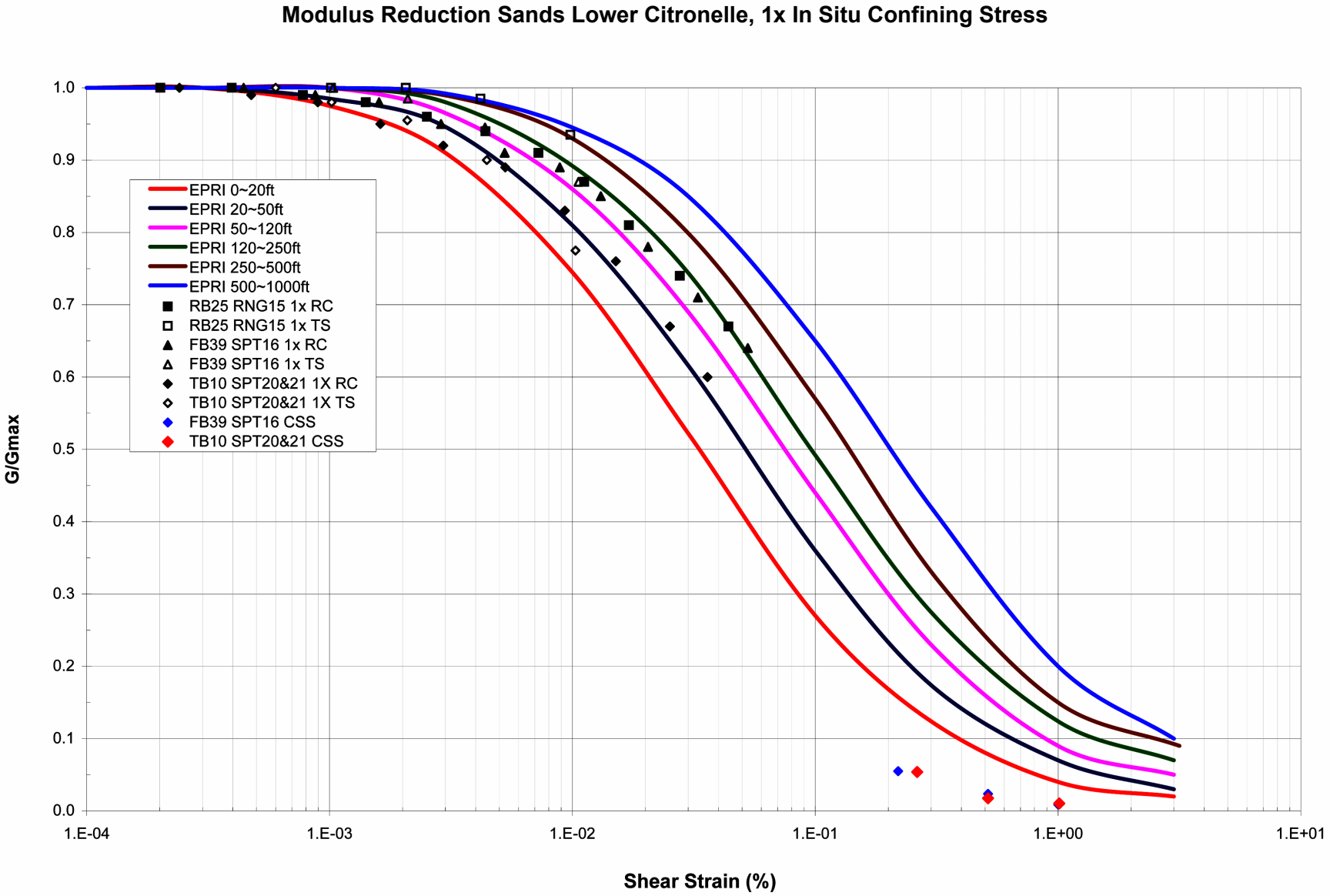


Figure 2.5.4-226. Shear Modulus Reduction Curves and Test Data at In Situ Confining Stress (Sheet 2 of 4) **Revision 0**

Modulus Reduction, Clays Pascagoula Formation, 1x In Situ Confining Stress, Corrected

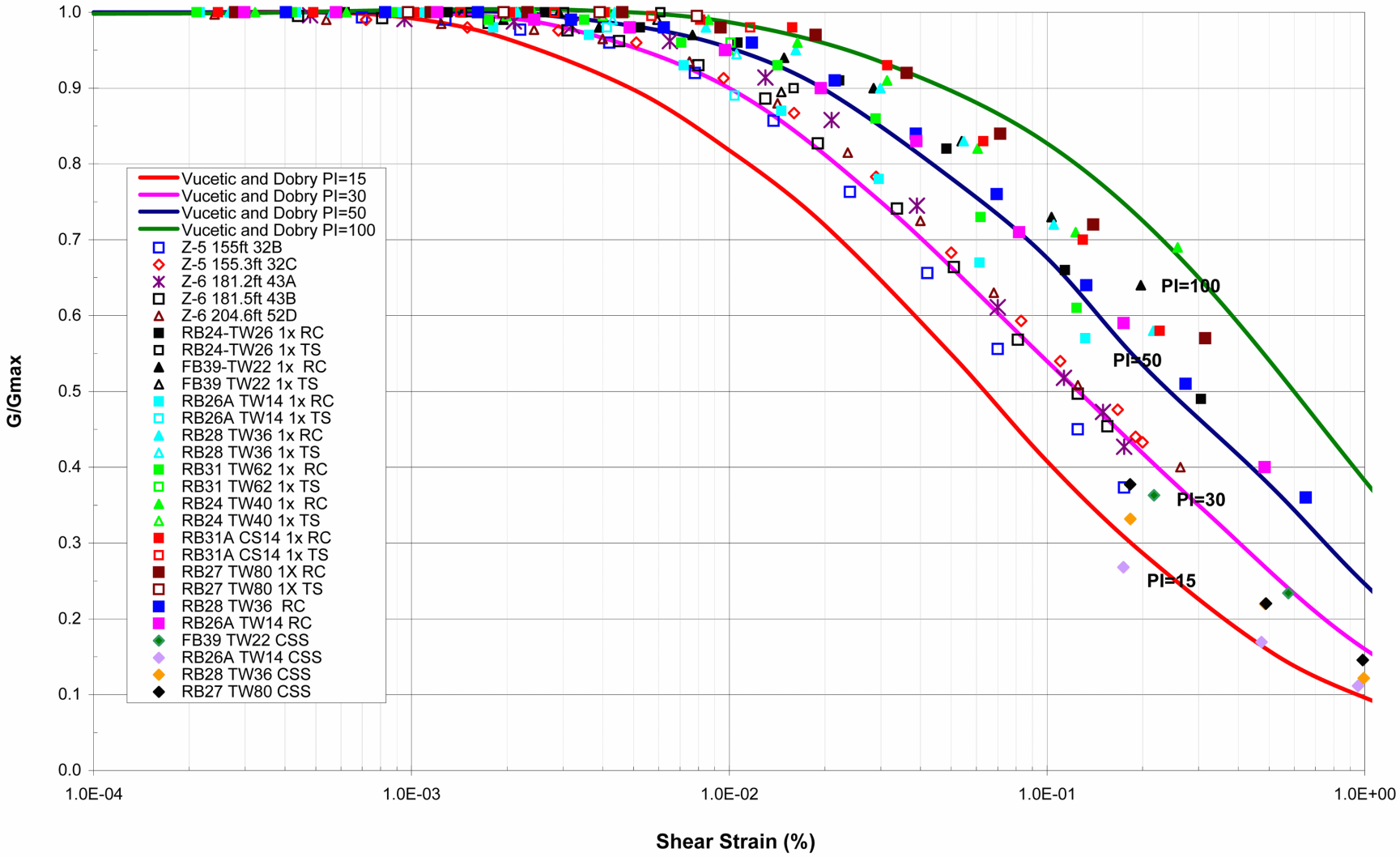


Figure 2.5.4-226. Shear Modulus Reduction Curves and Test Data at In Situ Confining Stress (Sheet 3 of 4) **Revision 0**

Modulus Reduction Sands Pascagoula

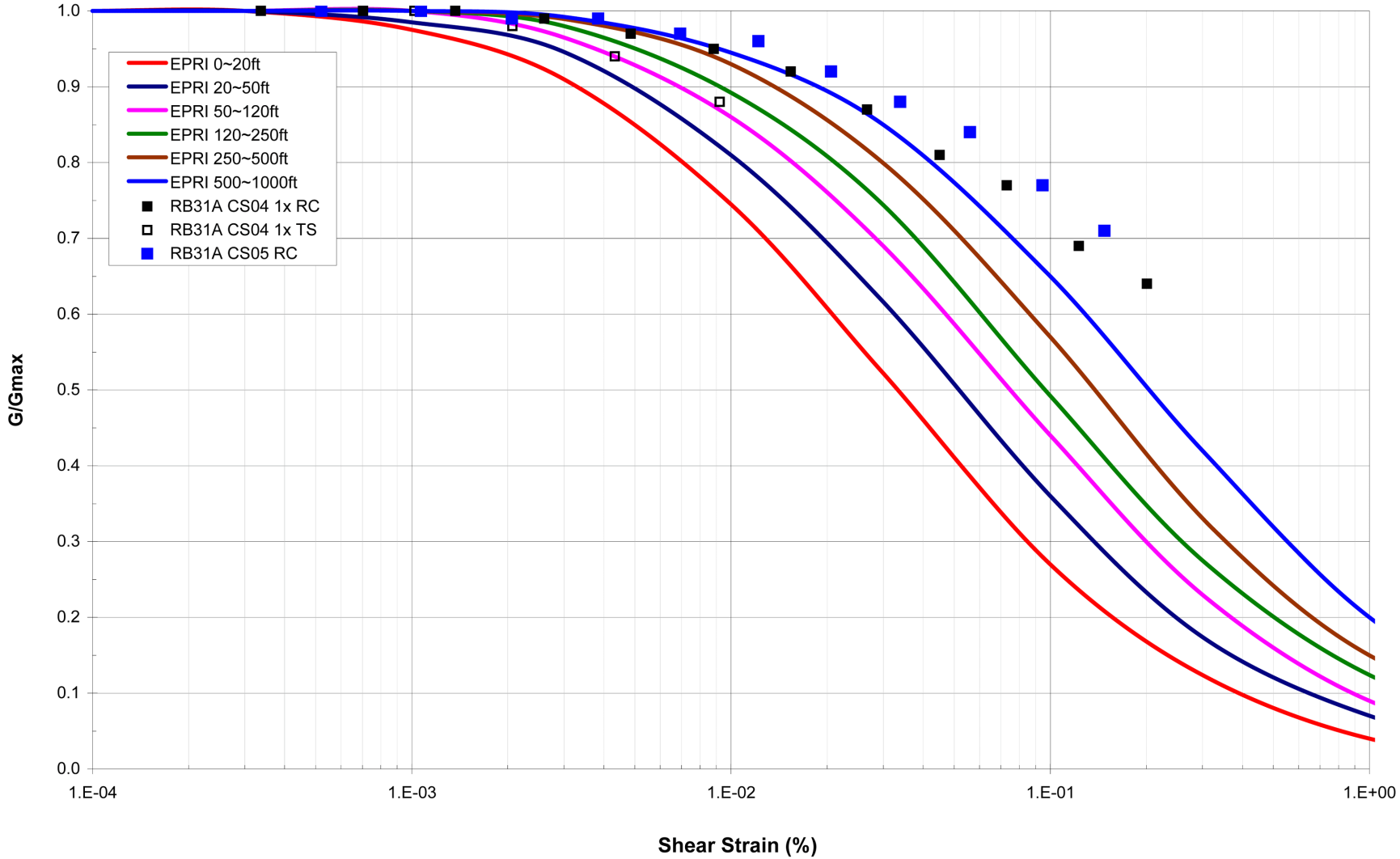


Figure 2.5.4-226. Shear Modulus Reduction Curves and Test Data at In Situ Confining Stress (Sheet 4 of 4) **Revision 0**

Engineered Fill

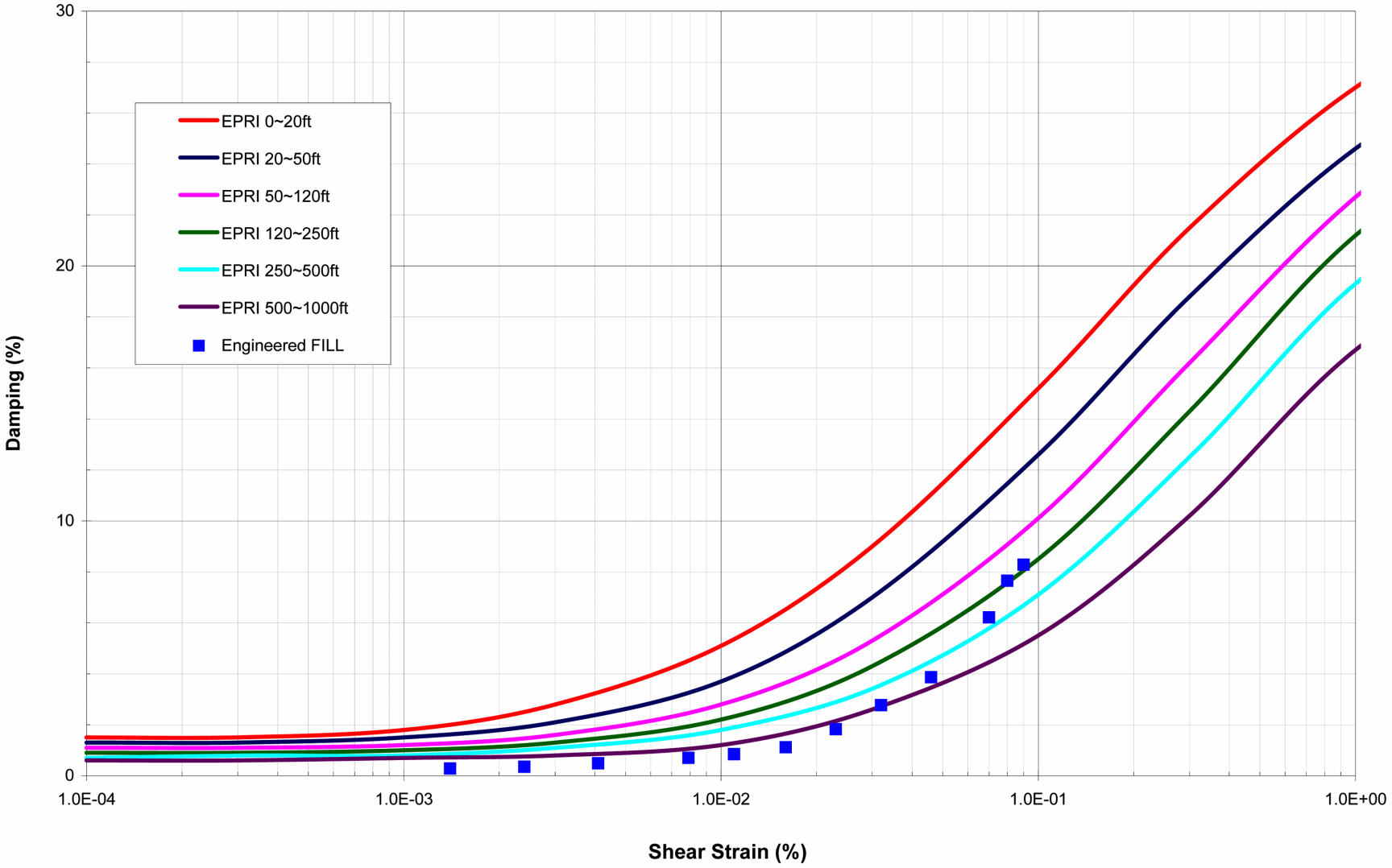


Figure 2.5.4-227. Damping Ratio Curves and Test Data at In Situ Confining Stress (Sheet 1 of 4)

Revision 0

Damping Curve Sands Lower Citronelle, 1x In Situ Confining Stress

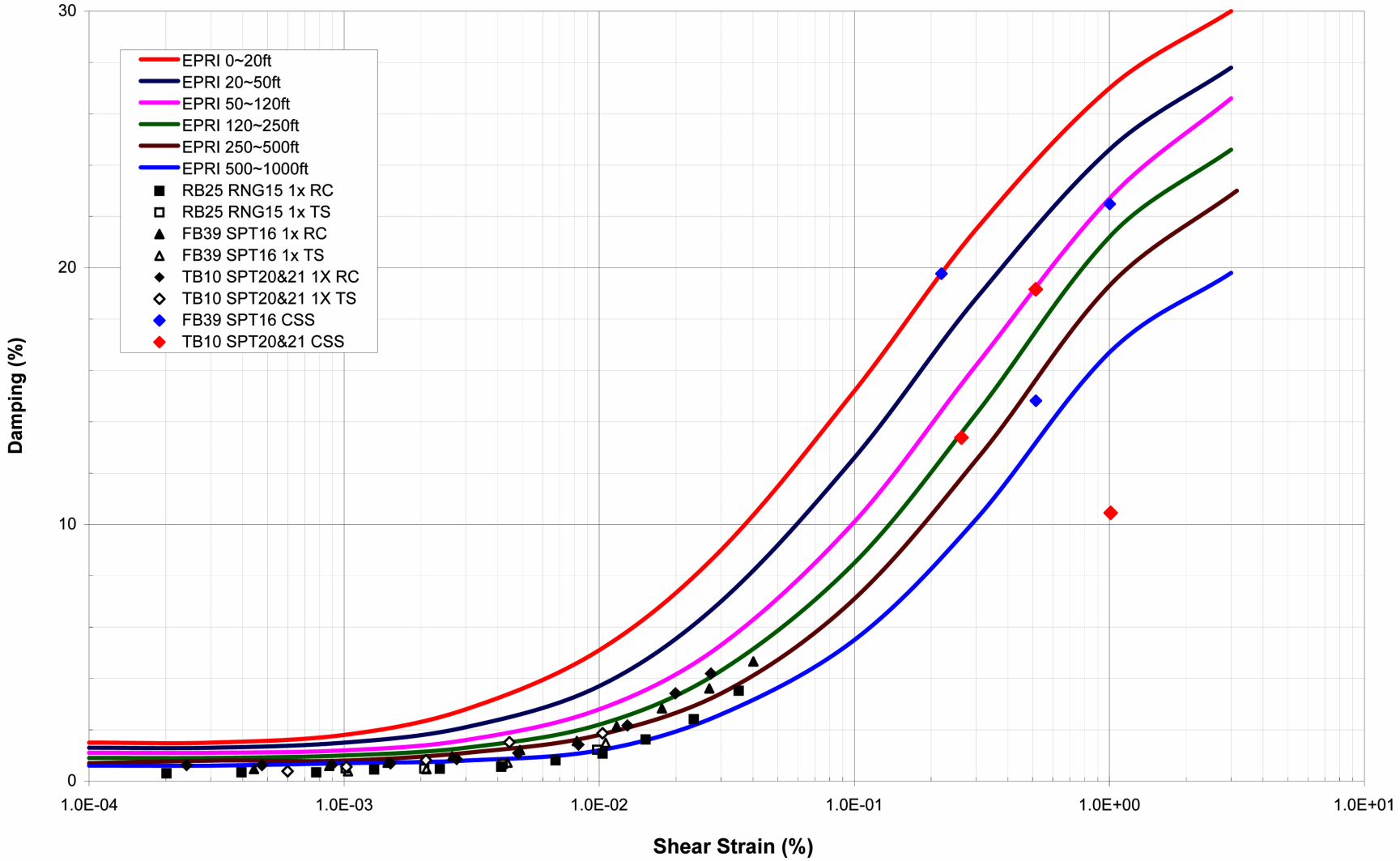


Figure 2.5.4-227. Damping Ratio Curves and Test Data at In Situ Confining Stress (Sheet 2 of 4)

Revision 0

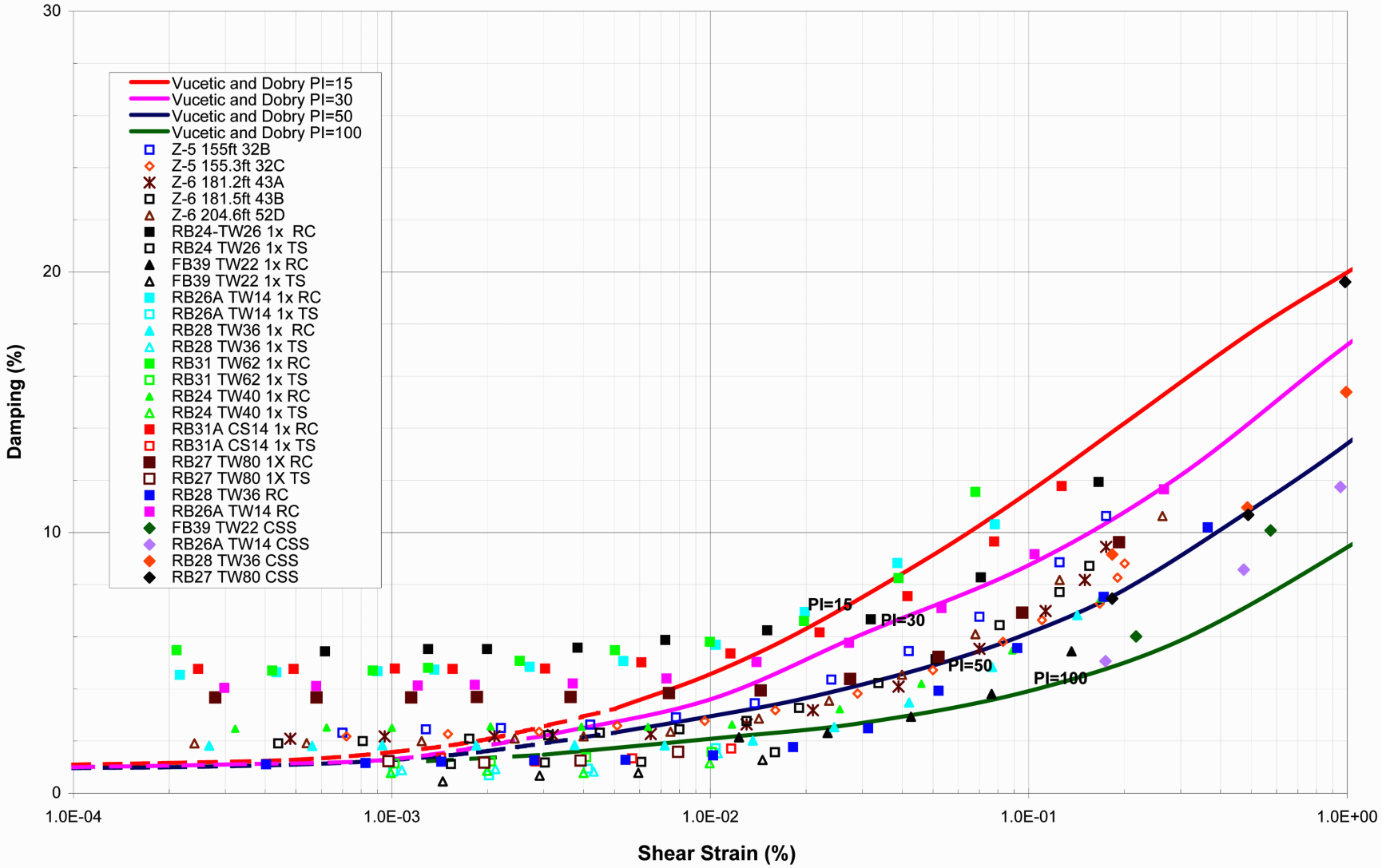


Figure 2.5.4-227. Damping Ratio Curves and Test Data at In Situ Confining Stress (Sheet 3 of 4)

Revision 0

Pascagoula Sands

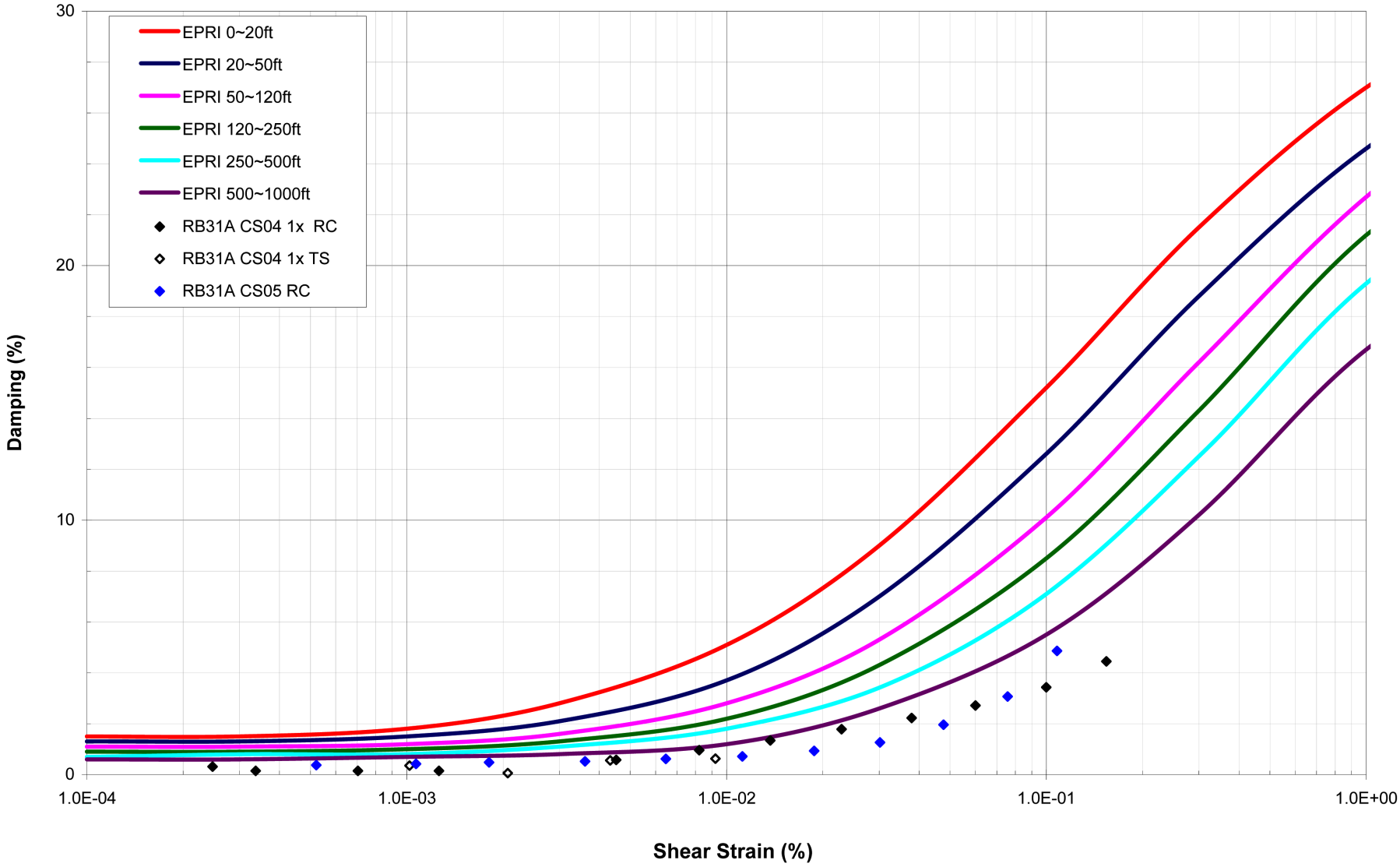


Figure 2.5.4-227. Damping Ratio Curves and Test Data at In Situ Confining Stress (Sheet 4 of 4)

Revision 0

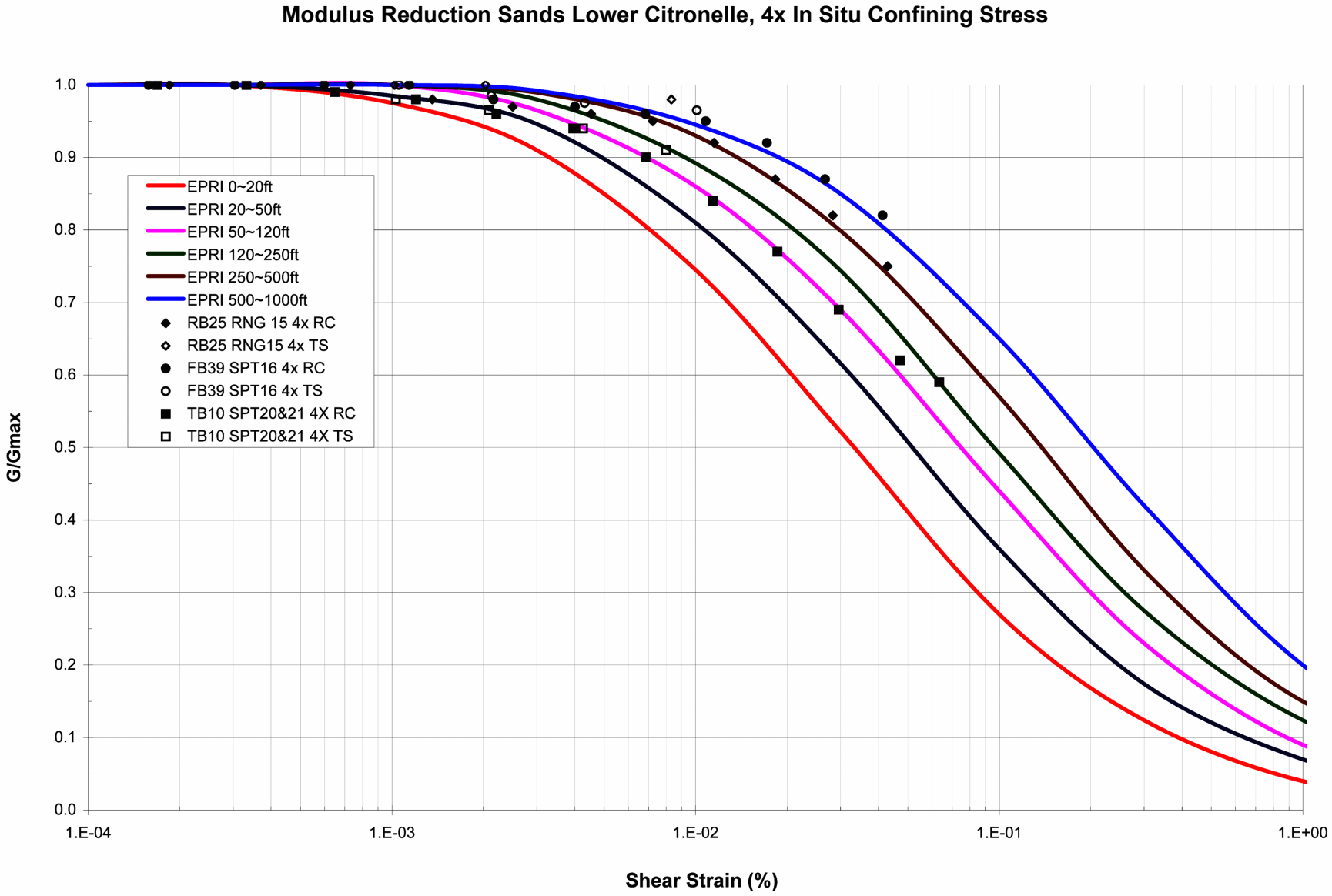


Figure 2.5.4-228. Shear Modulus Reduction Curves and RCTS Data at Four Times Confining Stress Revision 0
(Sheet 1 of 2)

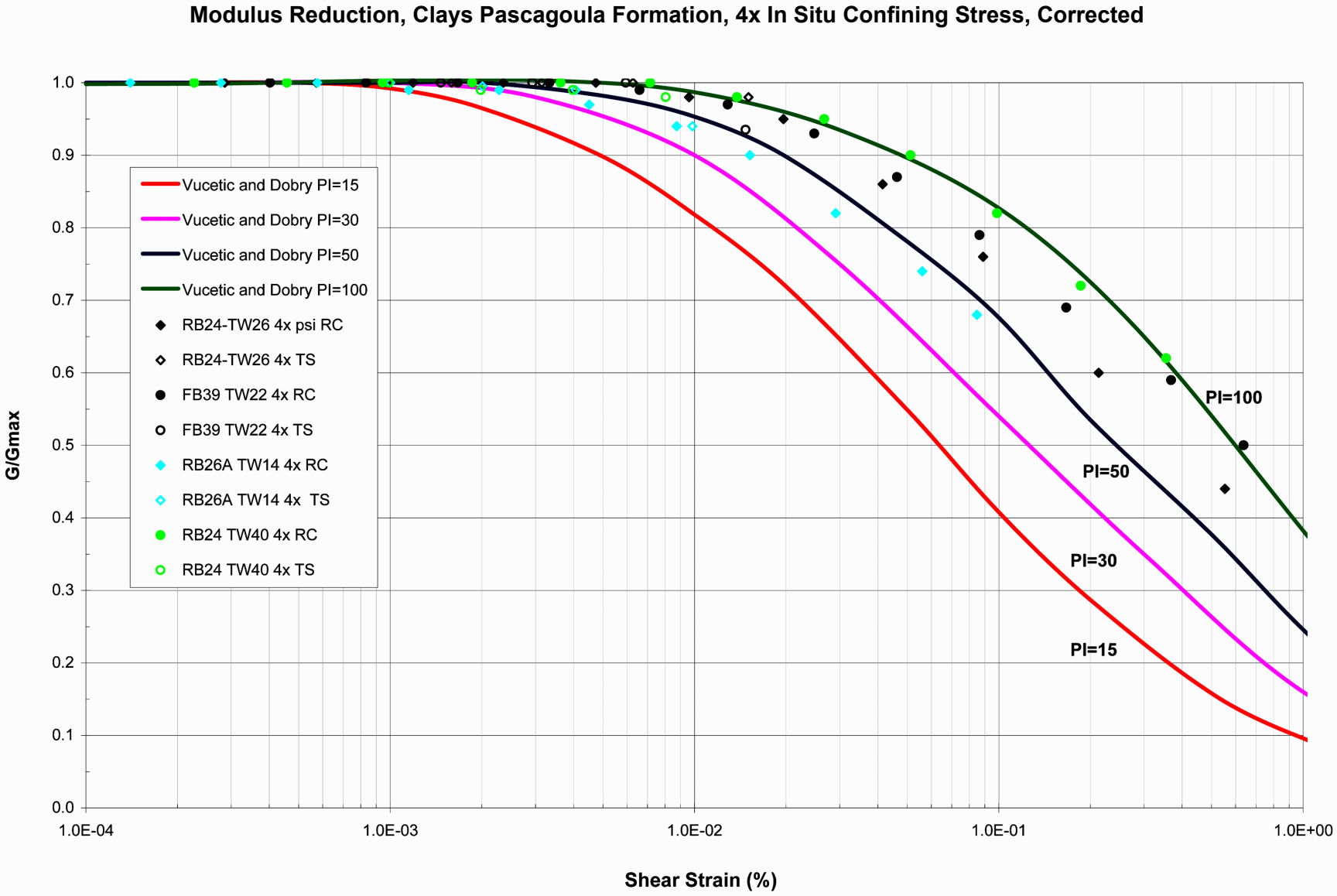


Figure 2.5.4-228. Shear Modulus Reduction Curves and RCTS Data at Four Times Confining Stress Revision 0
(Sheet 2 of 2)

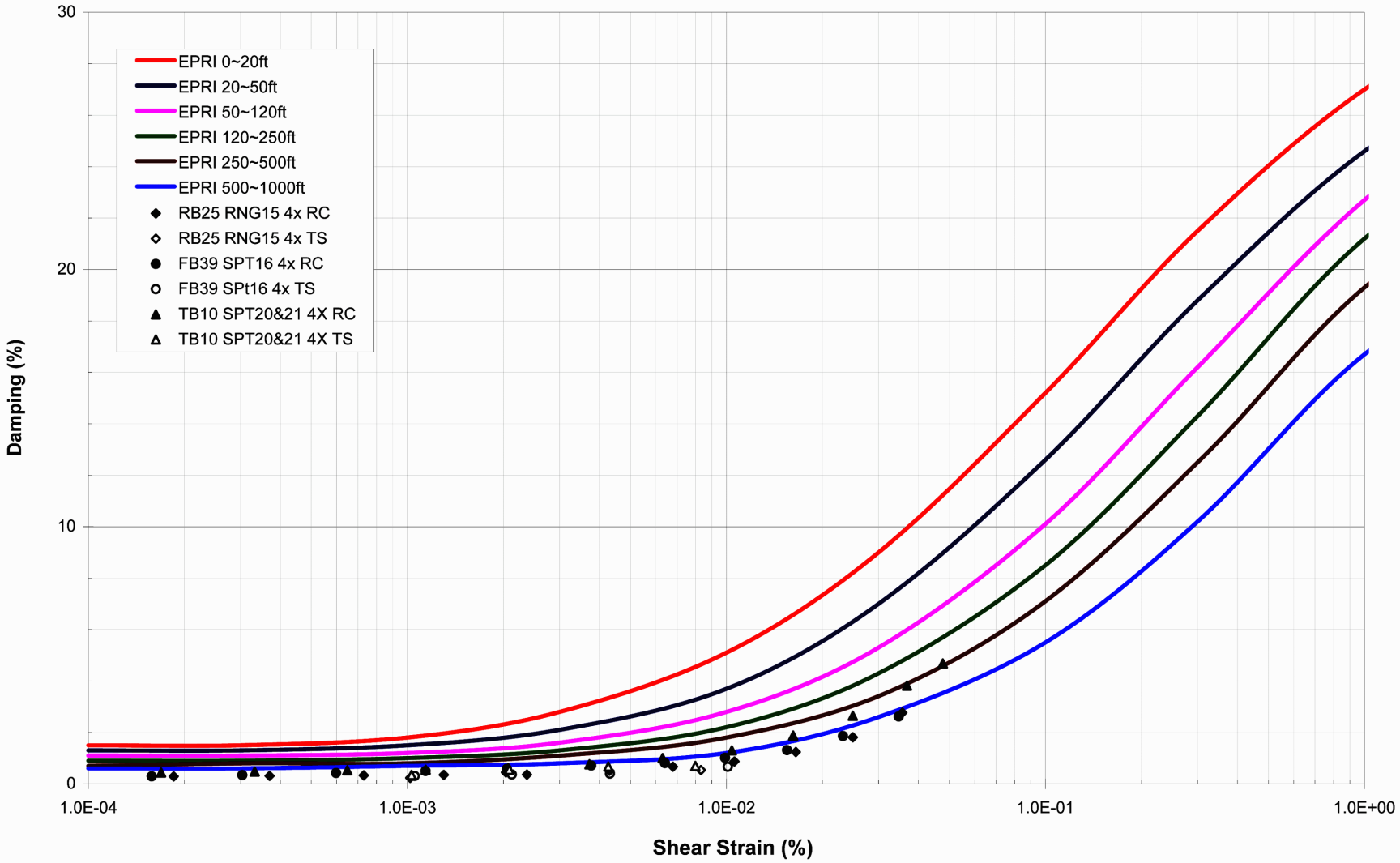


Figure 2.5.4-229. Damping Ratio Curves and RCTS Data at Four Times Confining Stress (Sheet 1 of 2) **Revision 0**

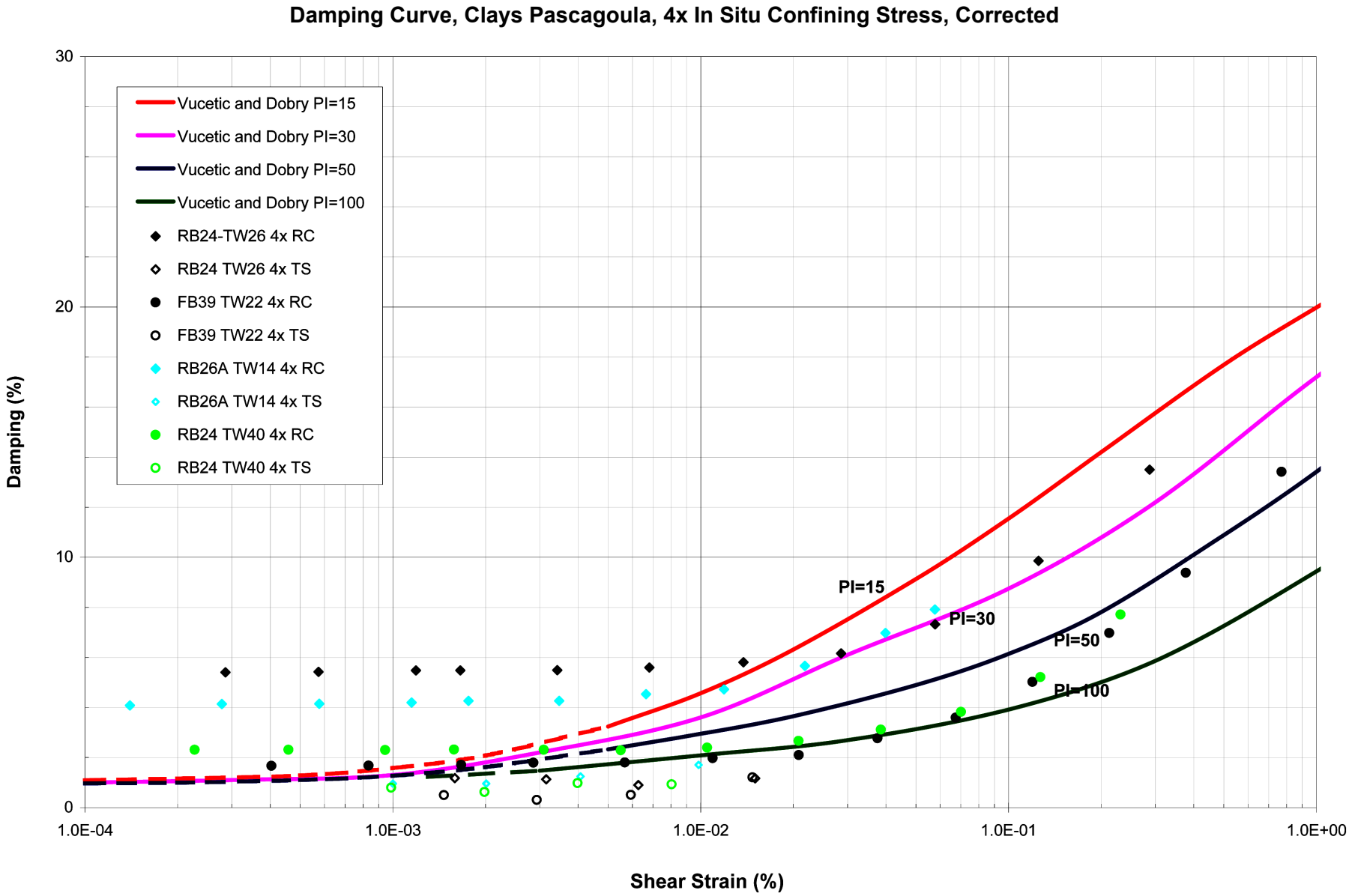


Figure 2.5.4-229. Damping Ratio Curves and RCTS Data at Four Times Confining Stress (Sheet 2 of 2) **Revision 0**

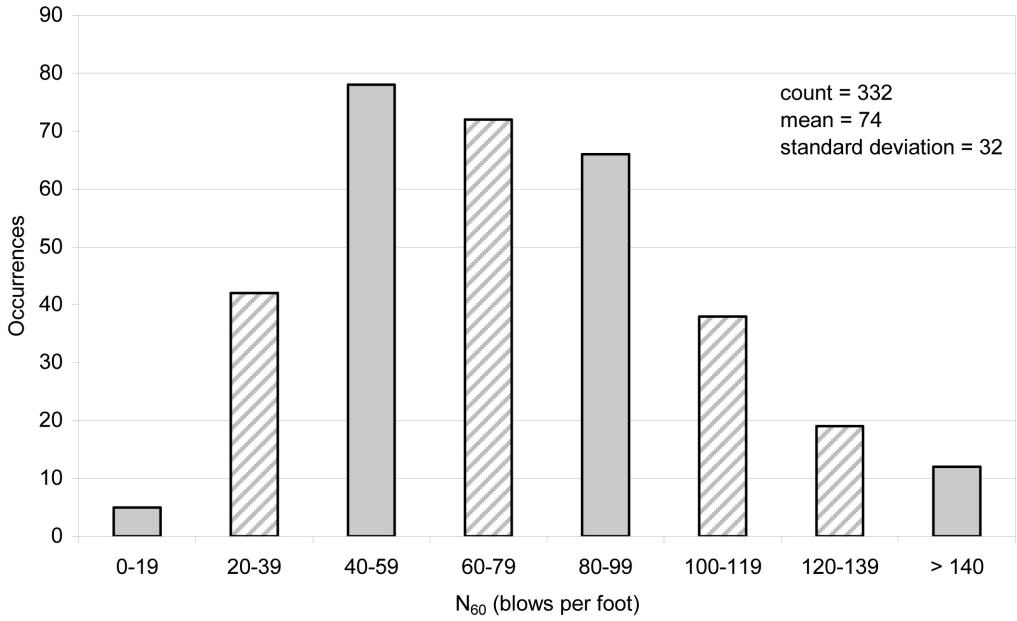


Figure 2.5.4-230. Histogram of N_{60} Values, Cohesionless Soils, Lower Citronelle