

SEEPAGE ANALYSIS FOR LEVEE L31N WITHOUT SLURRY WALL

Name: General Levee Fill
K-Saturation: 6.94e-006 ft/sec

Name: Flow Zone 2 (Upper Ft. Thompson)
K-Saturation: 0.289 ft/sec

Name: Flow Zone 4 (Lower Ft. Thompson)
K-Saturation: 0.289 ft/sec

Name: Muck
K-Saturation: 0.00174 ft/sec

Name: Hard Layer 2 (Q3)
K-Saturation: 5.787e-005 ft/sec

Name: Slurry Wall
K-Saturation: 3.241e-008 ft/sec

Name: Flow Zone 1 (Miami Limestone)
K-Saturation: 0.0145 ft/sec

Name: Flow Zone 3 (Middle Ft. Thompson)
K-Saturation: 0.289 ft/sec

Name: Fines Deposit
K-Saturation: 0.0003241 ft/sec

Name: Hard Layer 1 (Q4)
K-Saturation: 5.787e-005 ft/sec

Name: Hard Layer 3 (Q2)
K-Saturation: 5.787e-005 ft/sec

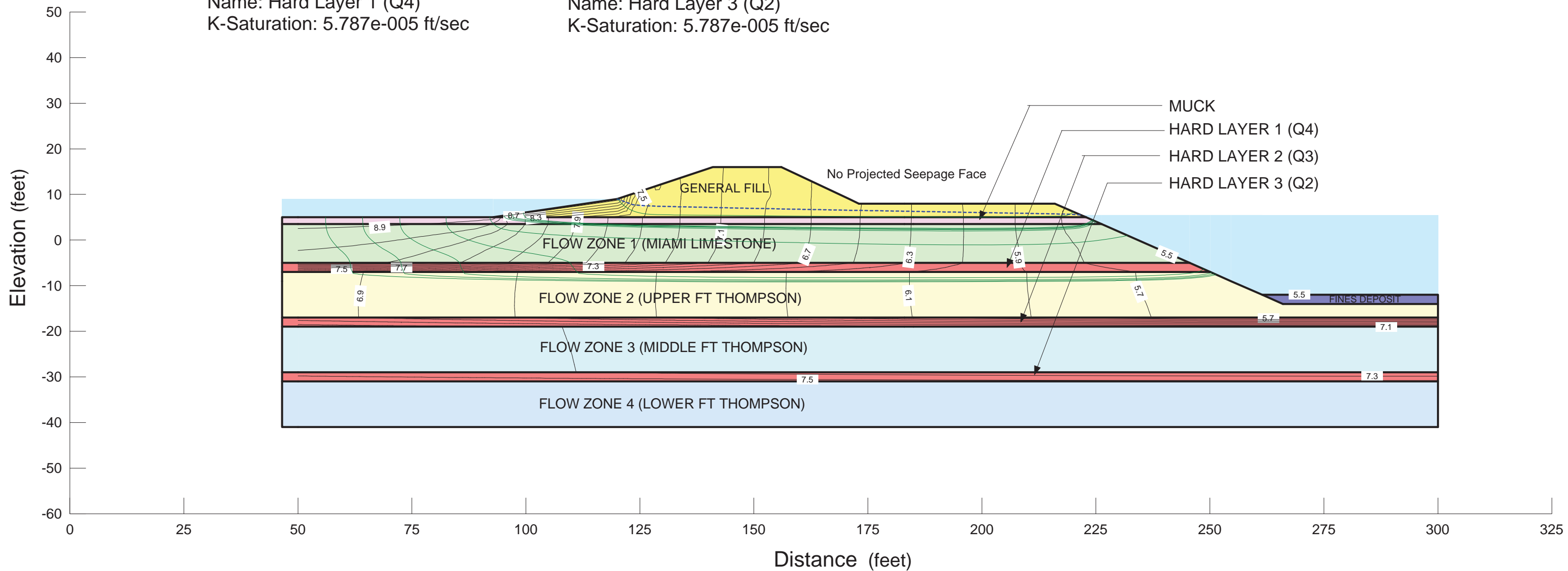


FIGURE 1

SEEPAGE ANALYSIS FOR LEVEE L31N WITH SLURRY WALL

Name: General Levee Fill
K-Saturation: 6.94e-006 ft/sec

Name: Muck
K-Saturation: 0.00174 ft/sec

Name: Flow Zone 1 (Miami Limestone)
K-Saturation: 0.0145 ft/sec

Name: Hard Layer 1 (Q4)
K-Saturation: 5.787e-005 ft/sec

Name: Flow Zone 2 (Upper Ft. Thompson)
K-Saturation: 0.289 ft/sec

Name: Hard Layer 2 (Q3)
K-Saturation: 5.787e-005 ft/sec

Name: Flow Zone 3 (Middle Ft. Thompson)
K-Saturation: 0.289 ft/sec

Name: Hard Layer 3 (Q2)
K-Saturation: 5.787e-005 ft/sec

Name: Flow Zone 4 (Lower Ft. Thompson)
K-Saturation: 0.289 ft/sec

Name: Slurry Wall
K-Saturation: 3.241e-008 ft/sec

Name: Fines Deposit
K-Saturation: 0.0003241 ft/sec

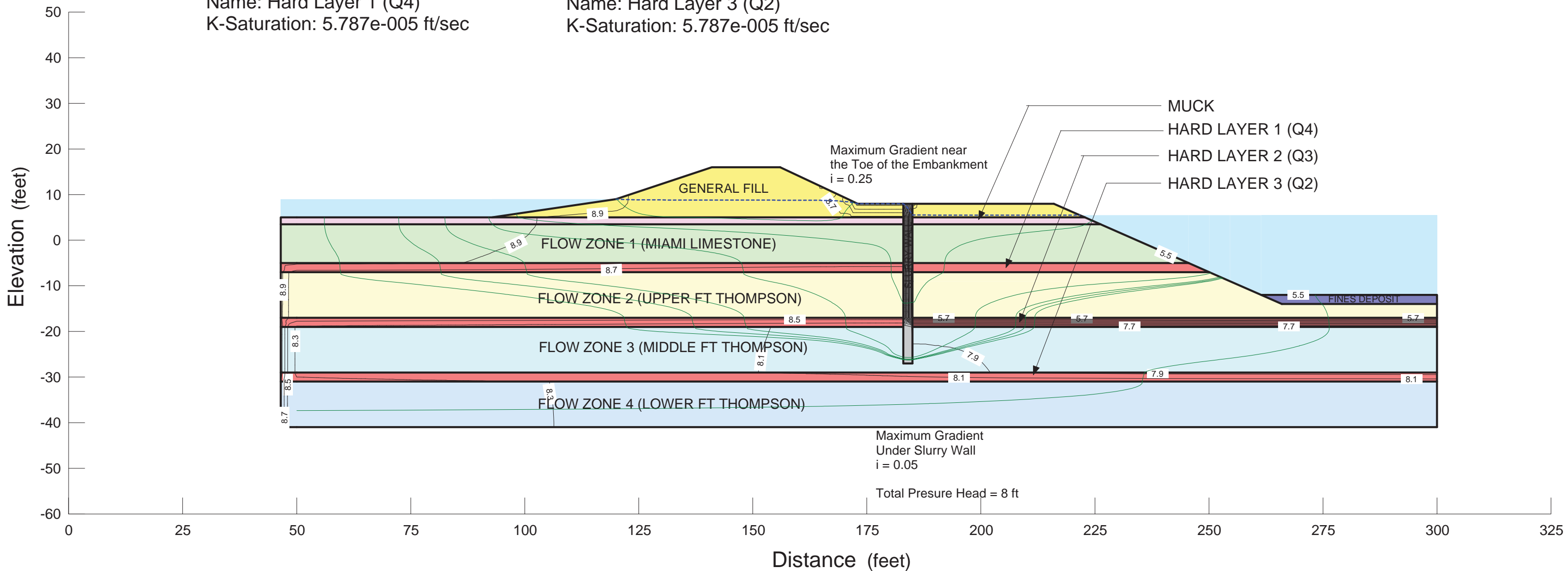


FIGURE 2

SLOPE STABILITY ANALYSIS FOR LEVEE L31N WITHOUT SLURRY WALL

Name: General Levee Fill
 Unit Weight: 125 pcf
 Cohesion: 0 psf
 Phi: 38 °

Name: Flow Zone 1 (Miami Limestone)
 Unit Weight: 135 pcf
 Cohesion: 500 psf
 Phi: 45 °

Names: Flow Zone 2 (Upper Ft. Thompson)
 Unit Weight: 125 pcf
 Cohesion: 1000 psf
 Phi: 38

Name: Flow Zone 3 (Middle Ft. Thompson)
 Unit Weight: 125 pcf
 Cohesion: 1000 psf
 Phi: 38 °

Name: Flow Zone 4 (Lower Ft. Thompson)
 Unit Weight: 125 pcf
 Cohesion: 1000 psf
 Phi: 38 °

Name: Muck
 Unit Weight: 70 pcf
 Cohesion: 200 psf
 Phi: 25 °

Name: Hard Layer 1 (Q4)
 Unit Weight: 130 pcf
 Cohesion: 5000 psf
 Phi: 38 °

Name: Hard Layer 2 (Q3)
 Unit Weight: 130 pcf
 Cohesion: 5000 psf
 Phi: 38 °

Name: Hard Layer 3 (Q2)
 Unit Weight: 130 pcf
 Cohesion: 5000 psf
 Phi: 38 °

Name: Slurry Wall
 Unit Weight: 130 pcf
 Cohesion: 250 psf
 Phi: 15 °

Name: Fines Deposit
 Unit Weight: 100 pcf
 Cohesion: 200 psf
 Phi: 0 °

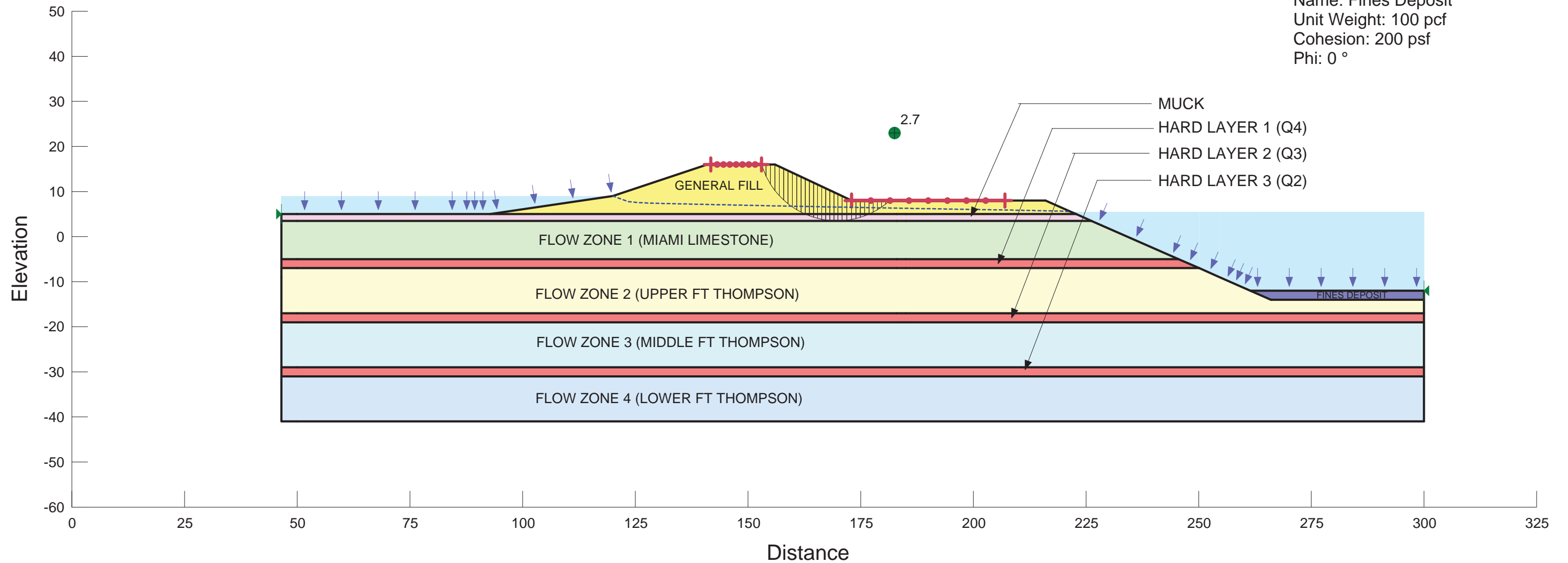


FIGURE 3

SLOPE STABILITY ANALYSIS FOR LEVEE L31N WITH SLURRY WALL

Name: General Levee Fill
 Unit Weight: 125 pcf
 Cohesion: 0 psf
 Phi: 38 °

Name: Flow Zone 1 (Miami Limestone)
 Unit Weight: 135 pcf
 Cohesion: 500 psf
 Phi: 45 °

Names: Flow Zone 2 (Upper Ft. Thompson)
 Unit Weight: 125 pcf
 Cohesion: 1000 psf
 Phi: 38

Name: Flow Zone 3 (Middle Ft. Thompson)
 Unit Weight: 125 pcf
 Cohesion: 1000 psf
 Phi: 38 °

Name: Flow Zone 4 (Lower Ft. Thompson)
 Unit Weight: 125 pcf
 Cohesion: 1000 psf
 Phi: 38 °

Name: Muck
 Unit Weight: 70 pcf
 Cohesion: 200 psf
 Phi: 25 °

Name: Hard Layer 1 (Q4)
 Unit Weight: 130 pcf
 Cohesion: 5000 psf
 Phi: 38 °

Name: Hard Layer 2 (Q3)
 Unit Weight: 130 pcf
 Cohesion: 5000 psf
 Phi: 38 °

Name: Hard Layer 3 (Q2)
 Unit Weight: 130 pcf
 Cohesion: 5000 psf
 Phi: 38 °

Name: Slurry Wall
 Unit Weight: 130 pcf
 Cohesion: 250 psf
 Phi: 15 °

Name: Fines Deposit
 Unit Weight: 100 pcf
 Cohesion: 200 psf
 Phi: 0 °

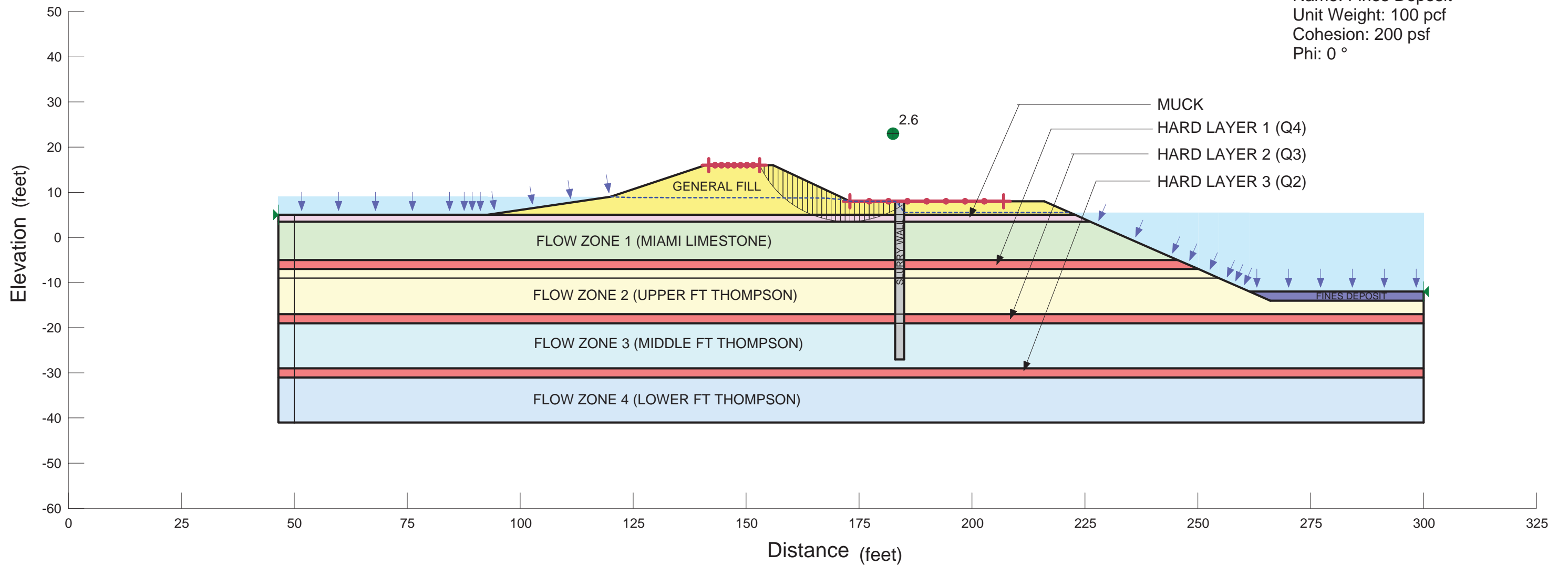


FIGURE 4