

OTGE00019055B
 Slope Stability Analysis
 New Sewage Lagoon & Rehabilitation of Existing Lagoon
 Clyde River
 Nunavut
 Inner Slope @ 3.5H: 1V
 Crest 4 m wide
 Completely Submerged Analysis

Soil: 1
 Water
 Unit Weight: 9.807

Soil: 2
 Fill: Silty sand
 Unit Weight: 18
 Cohesion: 0
 Phi: 30

Soil: 3
 Silty sand
 Unit Weight: 18
 Cohesion: 0
 Phi: 30

Soil: 4
 Ice
 Unit Weight: 9
 Cohesion: 100

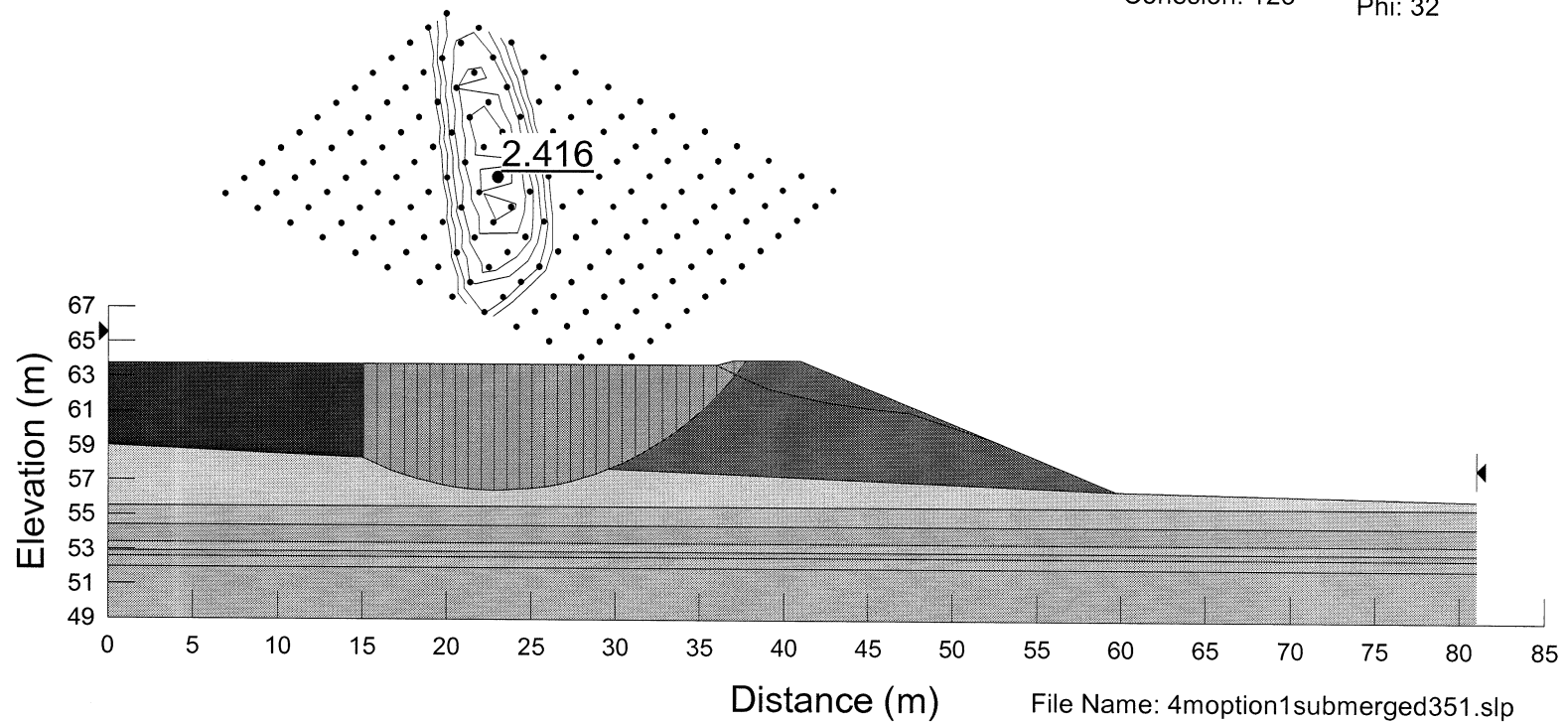
Soil: 5
 Sandy silt
 Unit Weight: 17
 Cohesion: 0
 Phi: 27

Soil: 6
 Ice
 Unit Weight: 9
 Cohesion: 125

Soil: 7
 Sandy silt
 Unit Weight: 16
 Cohesion: 0
 Phi: 29

Soil: 8
 Ice
 Unit Weight: 9
 Cohesion: 125

Soil: 9
 Silty sand till
 Unit Weight: 20
 Cohesion: 0
 Phi: 32



File Name: 4moption1submerged351.slp