

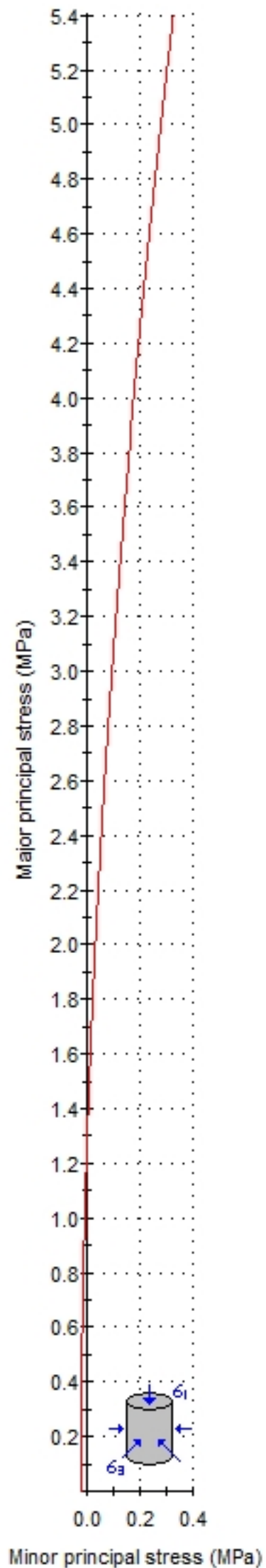
დანართი - 3 RocLab-ის პროდუქტი

Appendix – 3 RocLab Outputs

ამისთვის კლასი IV

for Class IV

Analysis of Rock Strength using RocLab



Hoek-Brown Classification

intact uniaxial comp. strength (σ_{ci}) = 35 MPa
GSI = 45 m_i = 20 Disturbance factor (D) = 0.2
intact modulus (E_i) = 10500 MPa
modulus ratio (MR) = 300

Hoek-Brown Criterion

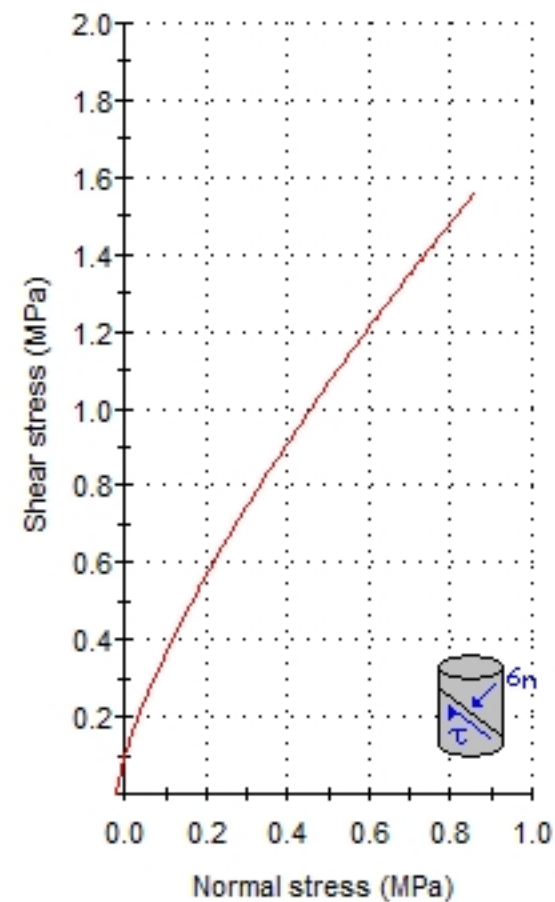
m_b = 2.255 s = 0.0014 a = 0.508

Mohr-Coulomb Fit

cohesion = 0.221 MPa friction angle = 58.74 deg

Rock Mass Parameters

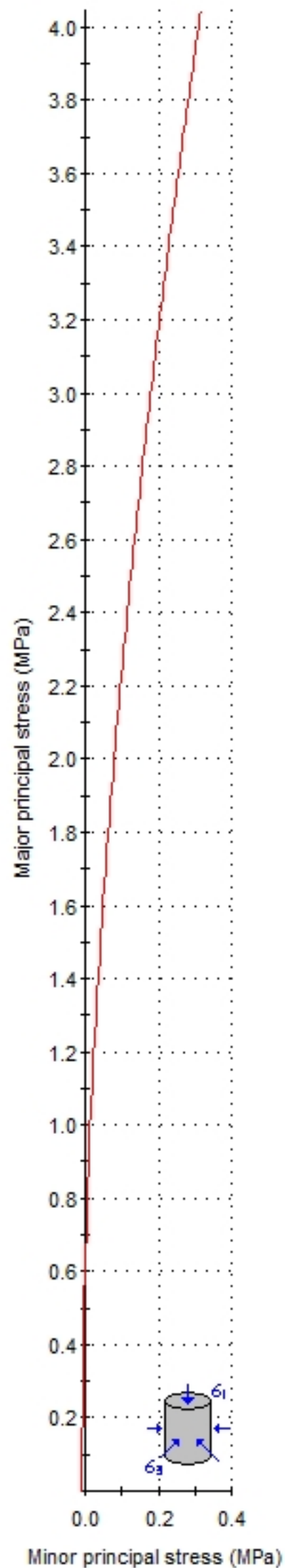
tensile strength = -0.022 MPa
uniaxial compressive strength = 1.257 MPa
global strength = 6.866 MPa
deformation modulus = 1749.98 MPa



ამისთვის კლასი V

for Class V

Analysis of Rock Strength using RocLab



Hoek-Brown Classification

intact uniaxial comp. strength (σ_{ci}) = 25 MPa
GSI = 40 m_i = 20 Disturbance factor (D) = 0.2
intact modulus (E_i) = 7500 MPa
modulus ratio (MR) = 300

Hoek-Brown Criterion

m_b = 1.849 s = 0.0008 a = 0.511

Mohr-Coulomb Fit

cohesion = 0.166 MPa friction angle = 55.24 deg

Rock Mass Parameters

tensile strength = -0.011 MPa
uniaxial compressive strength = 0.648 MPa
global strength = 4.365 MPa
deformation modulus = 892.39 MPa

