

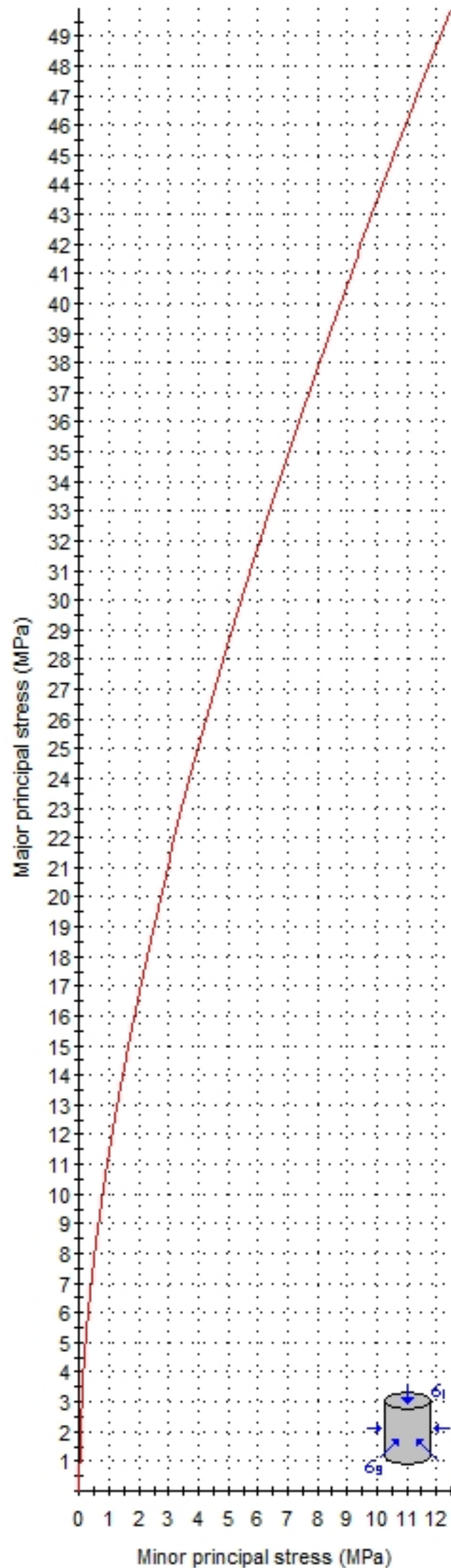
დანართი - 3 RocLab-ის პროდუქტი

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}) = 50 MPa
GSI = 45 m_i = 20 Disturbance factor (D) = 0.2
intact modulus (E_i) = 15000 MPa
modulus ratio (MR) = 300

Hoek-Brown Criterion

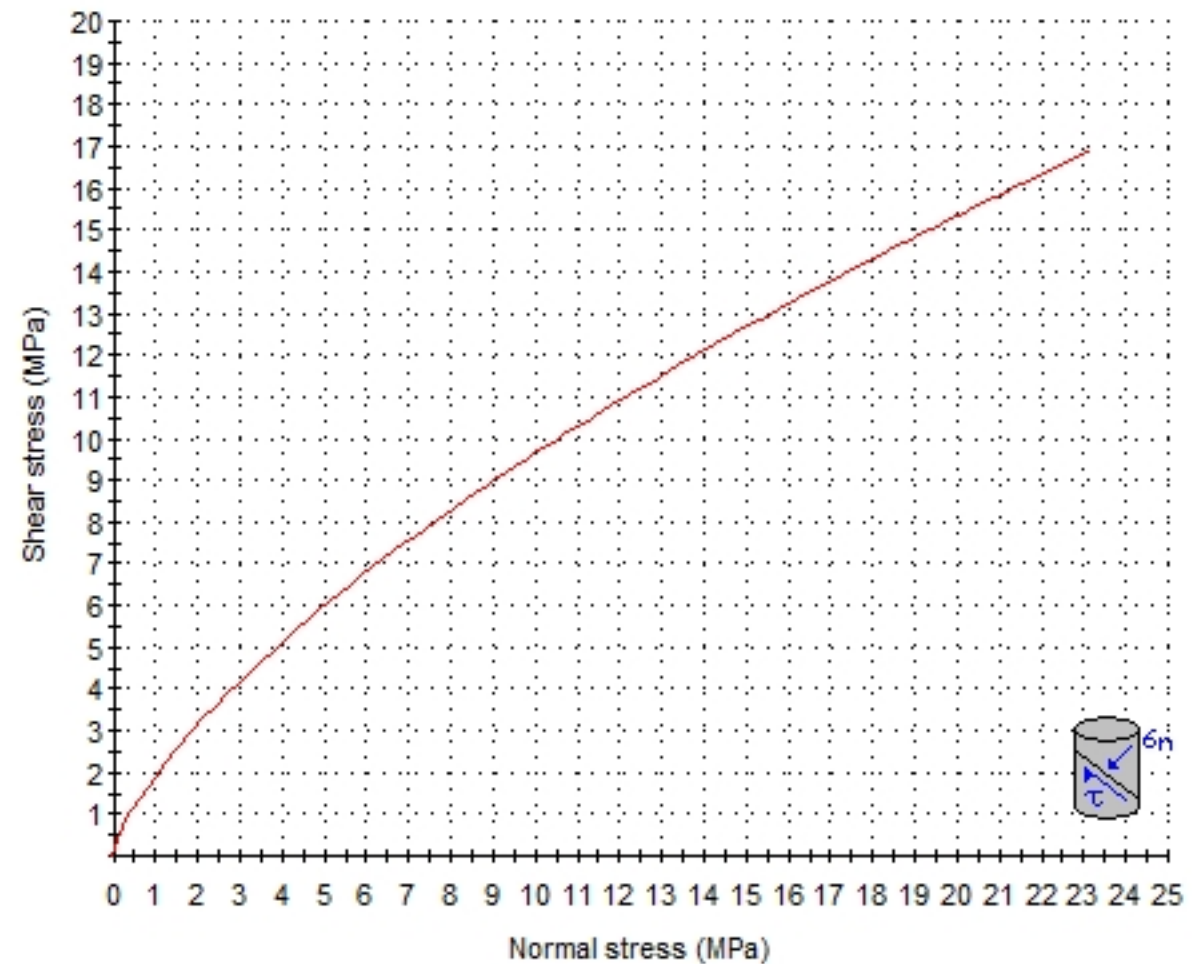
m_b = 2.255 s = 0.0014 a = 0.508

Mohr-Coulomb Fit

cohesion = 2.657 MPa friction angle = 33.10 deg

Rock Mass Parameters

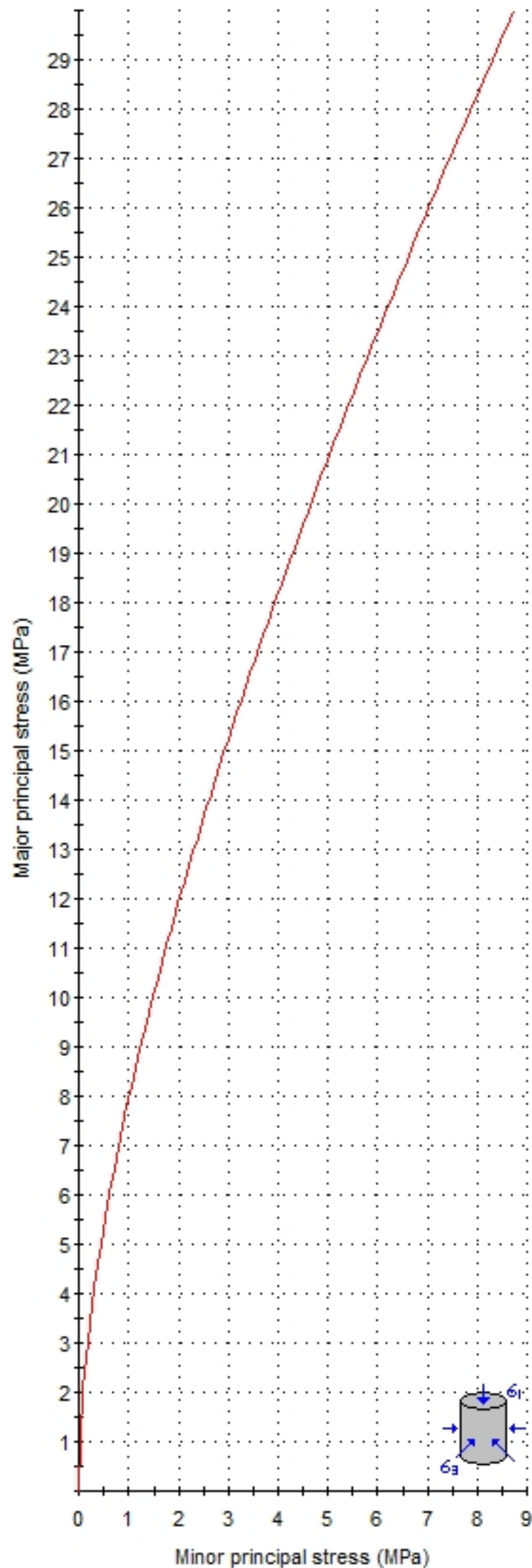
tensile strength = -0.032 MPa
uniaxial compressive strength = 1.795 MPa
global strength = 9.809 MPa
deformation modulus = 2499.97 MPa



ამისთვის კლასი V

for Class V

Analysis of Rock Strength using RocLab



Hoek-Brown Classification

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

Hoek-Brown Criterion

m_b = 1.516 s = 0.0004 a = 0.516

Mohr-Coulomb Fit

cohesion = 1.570 MPa friction angle = 29.73 deg

Rock Mass Parameters

tensile strength = -0.010 MPa
uniaxial compressive strength = 0.646 MPa
global strength = 5.409 MPa
deformation modulus = 897.32 MPa

