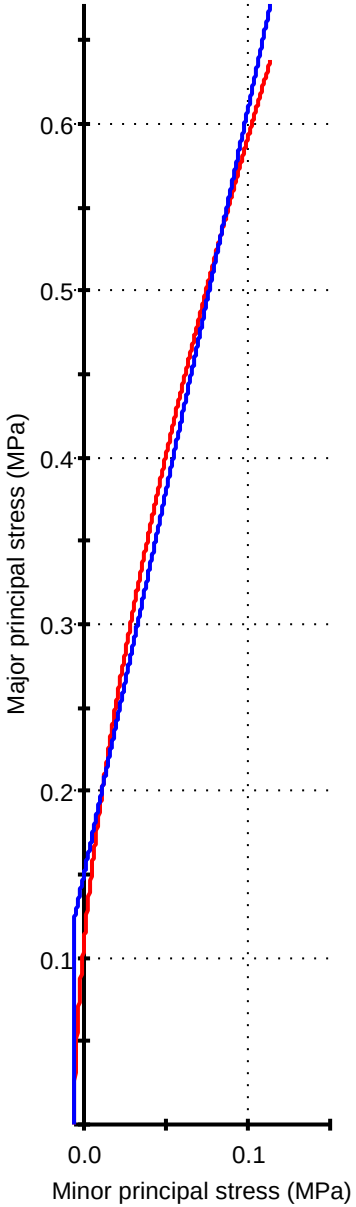
Analysis of Rock Strength using RocLab



Hoek-Brown Classification
intact uniaxial compressive strength = 30 MPa
GSI = 26 mi = 7 Disturbance factor = 0.7

Hoek-Brown Criterion
mb = 0.120 s = 2.2e-5 a = 0.529

Mohr-Coulomb Fit
cohesion = 0.034 MPa friction angle = 40.03 deg

Rock Mass Parameters
tensile strength = -0.005 MPa
uniaxial compressive strength = 0.103 MPa
global strength = 1.145 MPa
modulus of deformation = 210.47 MPa

