

Analysis of Rock/Soil Strength using RocData

Hoek-Brown Classification

intact uniaxial compressive strength = 1.17 MPa
GSI = 67 mi = 4 Disturbance factor = 1

Hoek-Brown Criterion

mb = 0.379 s = 0.0041 a = 0.502

Mohr-Coulomb Fit

cohesion = 0.019 MPa friction angle = 32.91 deg

Rock Mass Parameters

tensile strength = -0.013 MPa
uniaxial compressive strength = 0.074 MPa
global strength = 0.109 MPa
modulus of deformation = 1439.01 MPa

