

Summary:

Data in this folder contains lab elastic property measurements of amphibolites and rhyolites from the 4100 level. Elastic properties include:

- Young's Modulus (E)
- Poission's Ratio (ν)
- Shear Modulus (G)
- P-wave Modulus (M)

Folder Contents:

- **EGS Collab Elastic Property Measurements_20201210**
 - *Slides describing experimental procedure and summary of results*
- **Jahnke_ElasticProperties4100_Dec2020**
 - *Raw data from experiments containing the following data:*
 - Time [s]
 - Differential Stress [MPa]
 - Axial Strain
 - Lateral Strain
 - Volumetric Strain

Definitions:

Sample Name	Rock Type	Rock Core	Depth Into Borehole	Rock Failure?
9-3 1	Amphibolite	TH4100	6.9' – 12.05'	N
9-3 2	Amphibolite	TH4100	6.9' – 12.05'	Y
5P1	Amphibolite	TV4100	90.25' – 95.3'	Y
5P2	Amphibolite	TV4100	90.25' – 95.3'	N
9-29 1	Rhyolite	TV4100	120.25' – 125.3'	N
9-29 2	Rhyolite	TV4100	120.25' – 125.3'	Y
7P1	Rhyolite	TV4100	120.25' – 125.3'	N
7P2	Rhyolite	TV4100	120.25' – 125.3'	Y