Plan Overview

A Data Management Plan created using DMPTool

Title: USGS EVANS BRADBURY DMP

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USGS EVANS BRADBURY DMP

Fault rock constitutive properties derived from laboratory testing of the north-eastern block of the southern san andreas fault, mecca hills, ca - phase 2: properties of crystalline rocks

Dept of Geology, Utah State University

Our objective is to examine exhumed fault related rocks of the southern San Andreas fault, in order to determine the key physical properties that govern fault failire.

Dec. 1, 2015- Nov 20, 2016

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New data from the field, with added geochemical and laboratory SEM analyese, and experimental rock deformation.

Rock samples will be stored at Dept. of Geology, Utah State University.

Data to be collected will be on the order of several 100 Mb of source data and analized data, along with several ARC GIS metadata files.

Field data will consist of GIS located sample locations on geologic map layers. Location of samples will be on one layer.

Data will consist of whole-rock geochemical data (.csv files), optical and scanning electron microscopy images - (.png files) cataloged.

Experminental data will be in .csv files that are the analized data for stress-displacement data for uniaxial and triaxial deformation tests.

Short term storage will be curated on USU networked computers, behind the USU firewall, with shared files using our free Box.com system for file sharing.

Data backup of all work is done on hourly, daily, and weekly times. Data back up on an external drive, a local drive, and USU drive.

No access restrictions to the data are anticipated.

Final format of the data are in the form of excel generated files saved as .csv files; analized data are examined wtih Aabel, and Kaliedegraph, saved as .png and .csv files.

Data will be saved, long term, on the USU digital commons sites for James Evans and Kelly Bradbury.

Data will be metadata indexed for wide searchability on the USU digital commons website.

No data restrictions will occur.

Peer-reviewed papers and final project reports will be written. Pre-publication manuscripts are posted on Digital Commons. DOI are assigned via DC.
