

Database for the Three-Dimensional Geologic Map of the Brady Geothermal Area, Nevada

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INTRODUCTION

This database release contains all the information used to produce the accompanying three-dimensional (3D) map (<https://doi.org/10.3133/sim3469>). The components of this digital release are the fault surfaces and stratigraphic surfaces that constitute a 3D geologic map, and four structural volumes calculated based on the 3D map. The four volumes are (1) slip tendency on faults, (2) dilation tendency on faults, (3) spatial density of faults, and (4) spatial density of fault intersections and fault terminations. The 3D map was prepared using Earthvision ver. 10.

FILES AND FOLDERS

Readme.txt

Overview of the data folder (this file)

AllBradyFaults.txt_metadata.xml

FGDC metadata text file describing fault surfaces.

AllBradyFaults.txt

A text file containing x, y, z coordinates for the fault surfaces

AllBradyStrat.txt_metadata.xml

FGDC metadata text file describing stratigraphic surfaces

AllBradyStrat.txt

A text file containing x, y, z coordinates for the stratigraphic surfaces

AllBradyFaultsTDTS.txt_metadata.txt

FGDC metadata text file describing slip tendency and dilation tendency calculated for the fault surfaces

AllBradyFaultsTDTS.txt

A text file containing x, y, z coordinates and the slip tendency and dilation tendency calculated for the fault surfaces at each point

BradyFaultDensity.txt_metadata.txt

FGDC metadata text file describing the 3D density of faults

BradyFaultDensity.txt

A text file containing x, y, z coordinates of a uniformly spaced 20-meter grid volume and a value for fault density calculated at each point

BradyFaultIntersectionDensity.txt_metadata.txt

FGDC metadata text file describing the 3D density of fault intersections and fault terminations

BradyFaultIntersectionDensity.txt

A text file containing x, y, z coordinates of a uniformly spaced 20-meter grid volume and a value for fault intersection and fault termination density calculated at each point

SUGGESTED CITATION:

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