Plate 4-Regional Structure Map with Apatite Fission Track and $^{40}$Ar/$^{39}$Ar Data

Legend
- Detachment fault
- Other major faults
- Approximate trace of seismic profile RL-1
- Apatite fission track sample location (* indicates new data)
- $^{40}$Ar/$^{39}$Ar sample location (* indicates new data)
- Cross section trace

GWF-Grand Wash fault
WF-Wheeler Ridge fault
MF-Meadview fault
IMF-Imperial Mountains fault
GBF-Gold Butte fault
LFM-Lakeside Mine fault
SSF-Salt Spring fault
CMF-Cyclopean Mine fault

Interpretive Cross Sections

Undifferentiated Tertiary and Quaternary post-extensional deposits.
Hualapai Limestone
Miocene megabreccia deposits, bedding shown in section B-B' is extrapolated from bedded rocks to the south of the section trace.
Miocene synextensional conglomerate section. Bedding shown in sections B-B' and C-C' is schematic.
Postulated unexposed supradetachment basin deposits.
Paleozoic sedimentary section (Tayatts Sandstone through Kaibab)
Undifferentiated pre-Miocene crystalline rocks. Gradient shows uncertainty in section at depth.