



MAP UNITS

- Qa Recent alluvium
 - Qt Talus
 - Qo Old alluvial gravels
 - Tbf Basin fill
- SEQUENCE III**
- Upper plate**
- Tucw Upper Chapin Wash Fmn.
 - Tcwt Air-fall tuff (Chapin Wash Fmn.)
 - Tcwl Limestone (Chapin Wash Fmn.)
 - Tlcw Lower Chapin Wash Fmn.
 - Tcwb Basal Chapin Wash Fmn.
 - Talb Limestone (dark grey)
 - Taly Limestone (pale grey, yellow)
 - Taxg Megabreccia (granite protolith)
 - Tas Sandstone (undifferentiated)
 - Tac Conglomerate (undifferentiated)
 - Tavb Basalt (vesicular)
 - Tava Andesite, basaltic andesite
 - Tacv Conglomerate (metavolcanic protolith)
 - Taxv Megabreccia (metavolcanic protolith)
 - Taxu Megabreccia (undifferentiated)
 - Talx Limestone and limestone breccia
- SEQUENCE II**
- SEQUENCE I**
- Jv Planet volcanics
 - PM Undifferentiated Paleozoic-Mesozoic
- Lower plate**
- mc Undifferentiated mylonite and chloritic breccia

MAP SYMBOLS

- 26 Strike and dip of bedding
- Vertical bedding
- Horizontal bedding
- 75 Strike and dip of metamorphic foliation
- Vertical metamorphic foliation
- 12 Strike and dip of detachment fault
- Strike and dip of mylonitic foliation
- Trend of mylonitic extension lineation
- Geological boundary, dashed where inferred, dotted where concealed
- Normal fault, showing dip, dashed where inferred, dotted where concealed
- Reverse fault, showing dip, dashed where inferred, dotted where concealed
- Detachment fault, dashed where inferred, dotted where concealed
- Mine shaft
- Mine adit
- Leader connecting areas of the same rock unit
- Sample location
- Sandy wash
- Creek
- River
- Cross-section location (see Plate 5)

