



**Plate 1: Surficial Geologic Map of a portion of Chiricahua National Monument, Cochise County, Arizona**  
 Kristin S. Pearthree and Ann M. Youberg

Arizona Geological Survey

December 2016

CR-16-F

- Valley Deposits**
- Qyr3 Active channels, low terraces and bars
  - Qyr2 Broad valley floors, low terraces, and gravel bars and swales adjacent to active channels
  - Qyr1 Terrace deposits adjacent to active fluvial systems
  - Qrt Rhyolite Creek alluvial fan and terrace deposits
  - Qaf Young alluvial fan deposits
  - Qy3 Young tributary active channel and terrace deposits
  - Qdf3 Younger tributary alluvial fan deposits
  - Qdf2 Intermediate tributary alluvial fan deposits
  - Qdf1 Older tributary alluvial fan deposits
  - Qi Intermediate alluvial fan and terrace deposits

- Bedrock**
- Trcm Turkey Creek Caldera outflow facies, middle member
  - Trcl Turkey Creek Caldera outflow facies, lower member
  - Tjj Jesse James Canyon Tuff
  - Tfpe Pyroclastic flow deposits of Erickson Ridge
  - Tfrc Faraway Ranch Formation: Rhyolite of Erickson Ridge
  - Tim Intermediate and Mafic Lava Flows
  - Tbp Sedimentary rocks of Bonita Park
- Other units**
- d Disturbed ground
  - Qtc Colluvium and talus
  - QTls Landslide deposits
- Contacts and Faults**
- Contact, accurate
  - Contact, approximate
  - Fault, accurate



Arizona Geological Survey  
 Contributed Map CR-16-F  
 December 2016



Arizona Geological Survey Contributed Report series provides non-AZGS authors with a forum for publishing documents concerning Arizona geology. While review comments may have been incorporated, this document does not necessarily conform to AZGS technical, editorial, or policy standards.

The Arizona Geological Survey issues no warranty, expressed or implied, regarding the suitability of this product for a particular use. Moreover, the Arizona Geological Survey shall not be liable under any circumstances for any direct, indirect, special, incidental, or consequential damages with respect to claims by users of this product.

The author(s) is solely responsible for the data and ideas expressed herein.

