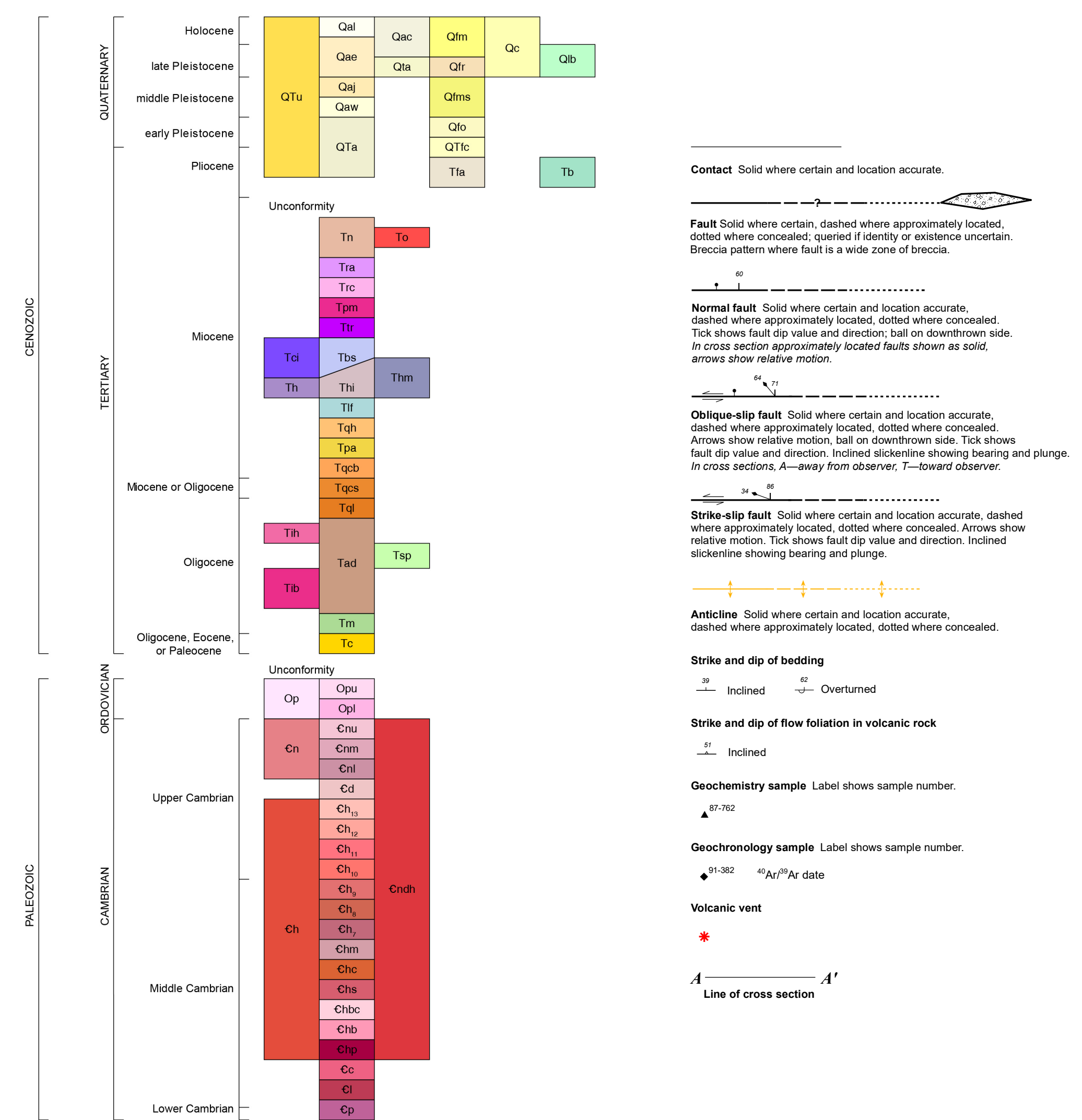
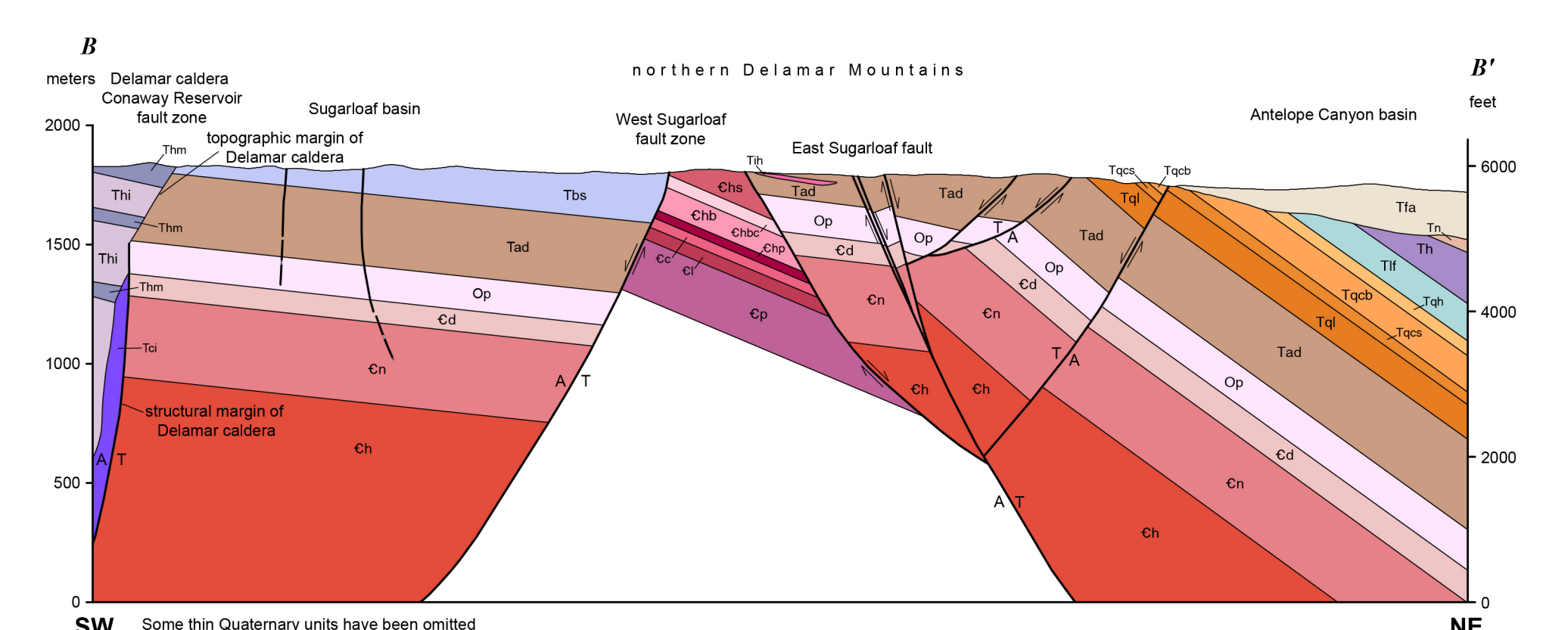


- Qal Alluvium (late Holocene)
- Qac Alluvium and colluvium, undivided (Holocene and late Pleistocene)
- Qm Fan alluvium of Meadow Valley (Holocene and latest Pleistocene?)
- Qc Colluvium (Holocene and late Pleistocene)
- Qae Alluvium (early Holocene and late Pleistocene)
- Qia Terrace alluvium (late Pleistocene)
- Qif Fan alluvium of 1001 Ranch (late Pleistocene)
- Qjm Alluvium of Jumbo Wash (middle Pleistocene)
- Qfms Fan alluvium of Miller Spring Wash (middle Pleistocene)
- Qaw Alluvium of Willow Spring (middle Pleistocene)
- Qob Fan alluvium of Osborn Ranch (early Pleistocene)
- Qta Alluvium (early Pleistocene and Pliocene?)
- Qtu Alluvium, undivided (Holocene to Pliocene?), in cross section A-A' only
- Qtlc Fan alluvium of Chief Mountain (early Pleistocene or late Pliocene)
- Tla Fan alluvium of Antelope Canyon (Pliocene)
- Tb Basalt (Pliocene)
- Tn Sedimentary rocks of Newman Canyon (Miocene)
- Tc Ox Valley Tuff (Miocene)
- Tra Rhyolite of Antelope Canyon (Miocene)
- Trc Tuff of Rainbow Canyon (Miocene)
- Tpm Porphyry of Meadow Valley Wash (Miocene)
- Ttr Tuff of Tepee Rocks (Miocene)
- Rocks of the Delamar caldera (Miocene)
  - Tci Intrusion of Crows Nest Tank (Miocene)
  - Tbs Basin sediments of Sugarloaf (Miocene)
- Hiko Tuff (Miocene)
  - Th Outflow deposits (Miocene)
  - Thi Intracaldera deposits (Miocene), in cross section B-B' only
  - Thm Intracaldera megabreccia deposits (Miocene)
- Lava flows (Miocene)
  - Tl Lava flows (Miocene)
- Quichappa Group (Miocene and Oligocene)
  - Tqh Harmony Hills Tuff (Miocene)
- Condor Canyon Formation (Miocene and Oligocene?)
  - Tqcb Bowers Tuff Member (Miocene)
  - Tqcs Sweet Tuff Member (Miocene or Oligocene)
  - Tqc Leach Canyon Formation (Oligocene)
- Pahrangat Formation (Miocene)
  - Tpa Pahrangat Formation (Miocene)
- Andesite of the northern Delamar Mountains (Oligocene)
  - Tad Andesite of the northern Delamar Mountains (Oligocene)
- Isom Formation (Oligocene)
  - Tin Hole-in-the-Wall Tuff Member (Oligocene)
  - Tid Baldhills Tuff Member (Oligocene)
  - Tisp Shingle Pass Tuff (Oligocene)
  - Tim Monotony Tuff (Oligocene)
  - Tc Conglomerate (Oligocene, Eocene, or Paleocene)
- Pogonip Group (Middle and Lower Ordovician), in cross sections only
  - Op Upper part (Ordovician)
  - Opl Lower part (Ordovician)
- Nopah Formation, Dunderberg Shale, and Highland Peak Formation, undivided (Upper and Middle Cambrian), in cross section A-A' only
  - Cn Nopah Formation (Upper Cambrian), in cross sections only
    - Cnu Upper member (Upper Cambrian)
    - Cnm Middle member (Upper Cambrian)
    - Cnl Lower member (Upper Cambrian)
  - Cd Dunderberg Shale (Upper Cambrian)
  - Ch Highland Peak Formation (Upper and Middle Cambrian)
    - Ch1 Unit 13 (Upper Cambrian)
    - Ch2 Unit 12 (Upper Cambrian)
    - Ch3 Unit 11 (Upper Cambrian)
    - Ch4 Unit 10 (Upper Cambrian)
    - Ch5 Unit 9 (Middle Cambrian)
    - Ch6 Unit 8 (Middle Cambrian)
    - Ch7 Unit 7 (Middle Cambrian)
  - Cfm Meadow Valley Member (Middle Cambrian)
  - Cm Condor Member (Middle Cambrian)
    - Cma Step Ridge Member (Middle Cambrian)
    - Cmbc Burnt Canyon Member (Middle Cambrian)
    - Cmc Burrows Member (Middle Cambrian)
    - Cmpe Peasley Member (Middle Cambrian)
  - Cc Chisholm Shale (Middle Cambrian)
  - Cl Lyndon Limestone (Middle Cambrian)
  - Cp Pioche Shale (Middle and Lower Cambrian)



# GEOLOGIC MAP OF THE CALIENTE NW QUADRANGLE, LINCOLN COUNTY, NEVADA

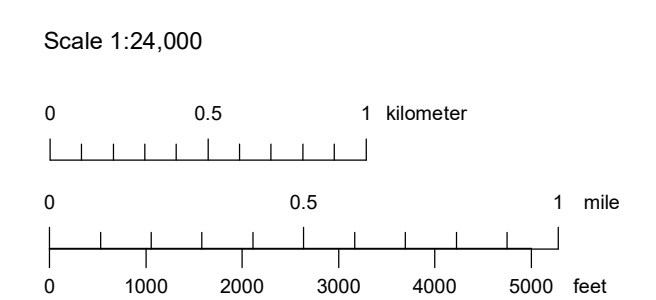
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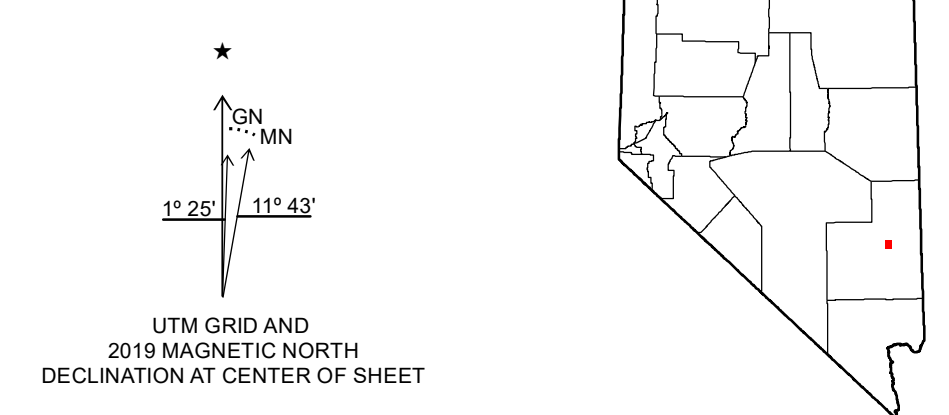
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CONTOUR INTERVAL 40 FEET  
Projection: Universal Transverse Mercator, Zone 11, North American Datum 1983 (m)  
Base map: U.S. Geological Survey Caliente NW 7.5' quadrangle (2021)



**Nevada Bureau of Mines and Geology**  
Mackay School of Earth Sciences and Engineering  
University of Nevada, Reno

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