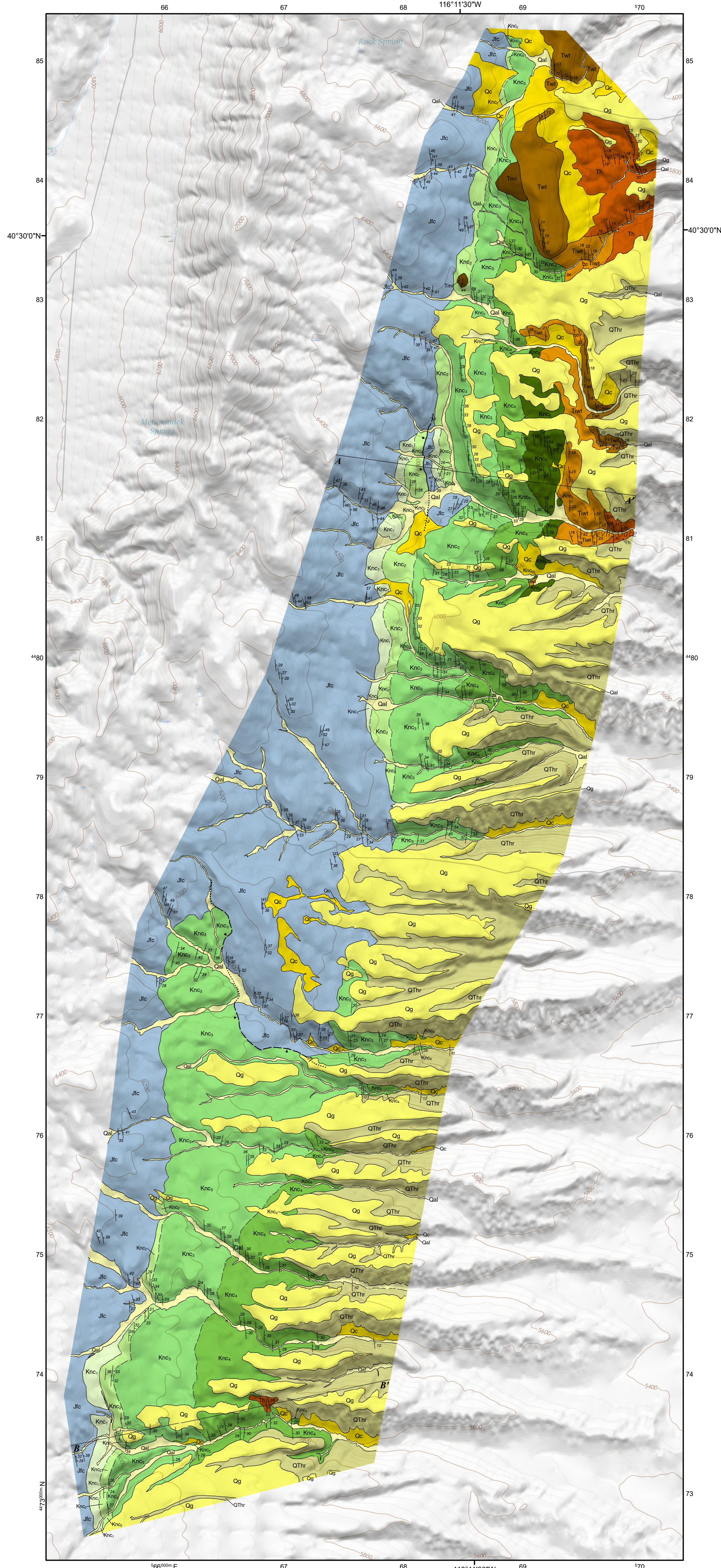
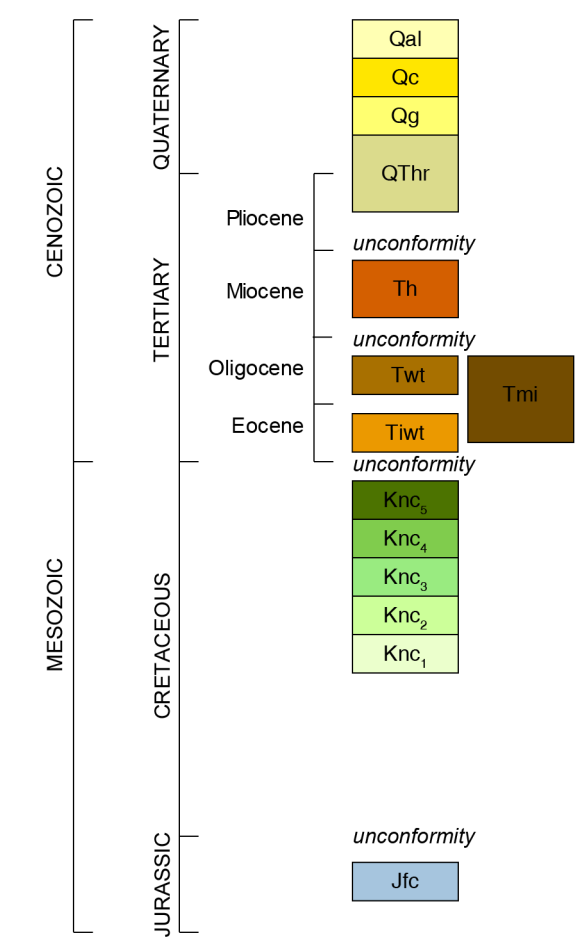


# GEOLOGIC MAP OF THE EASTERN FLANK OF THE NORTHERN CORTEZ MOUNTAINS, EUREKA COUNTY, NEVADA

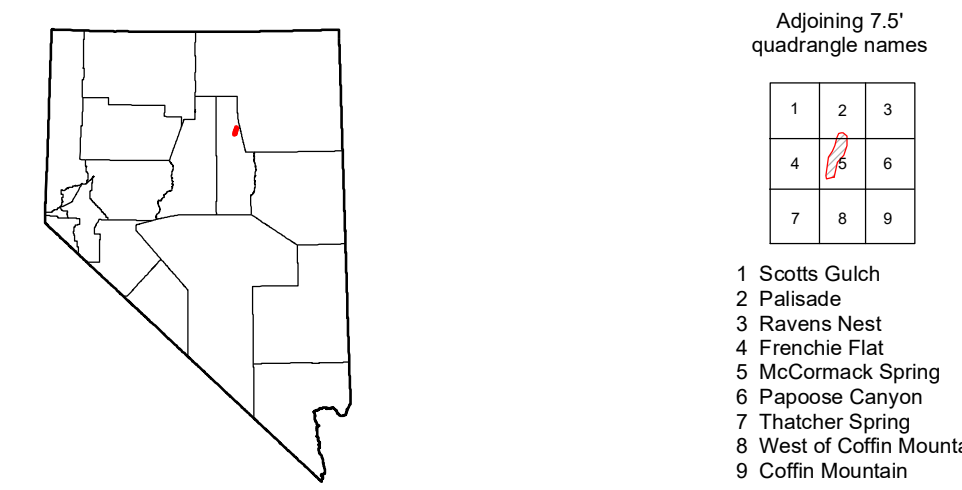
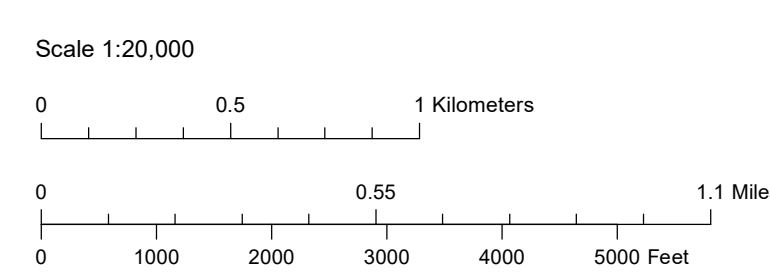
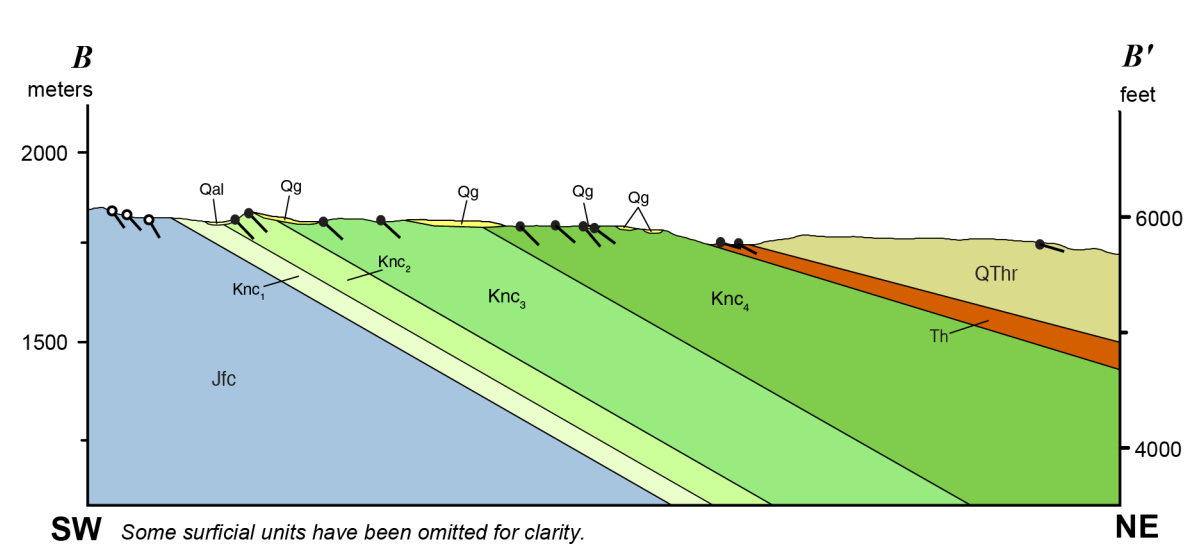
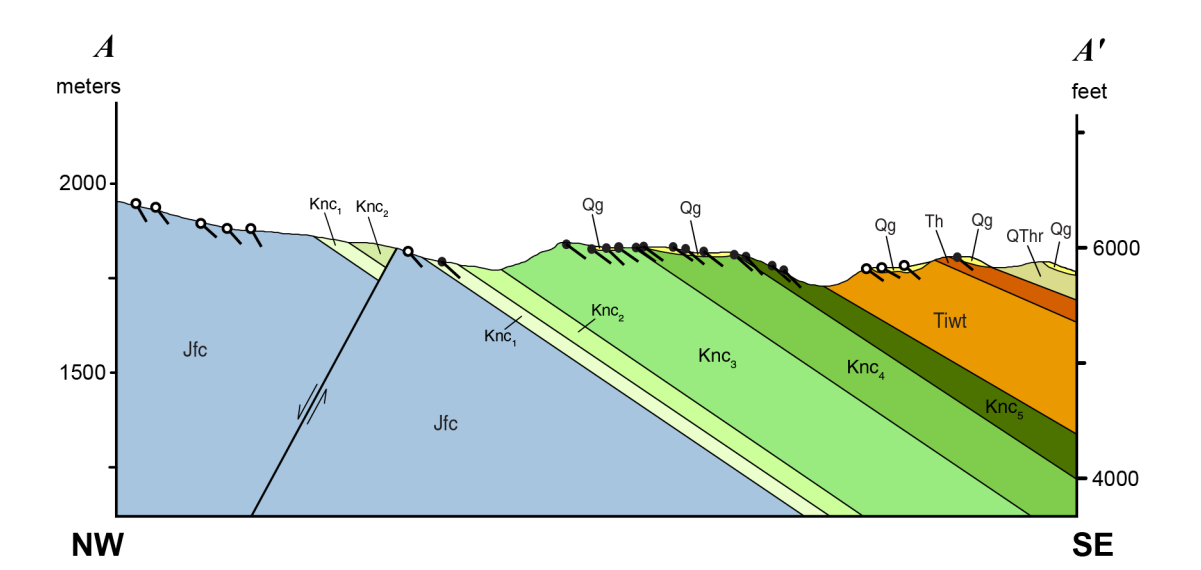
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2022



- QUATERNARY DEPOSITS**
- Qal Alluvium in active channels
  - Qc Colluvium
  - Qg Gravel
- Alluvial-Fan Deposits**
- QThr Hay Ranch Formation (Pliocene)
- TERTIARY ROCKS**
- Th Humboldt Formation (late Miocene)
  - Tmt Mafic to intermediate intrusive rocks (Oligocene)
  - Twt Rhyolitic welded tuff (Oligocene)
  - Twt Indian Well Formation (Oligocene to late Eocene)
- CRETACEOUS ROCKS**
- Newark Canyon Formation**
- Knc5 Newark Canyon Formation member 5
  - Knc4 Newark Canyon Formation member 4
  - Knc3 Newark Canyon Formation member 3
  - Knc2 Newark Canyon Formation member 2
  - Knc1 Newark Canyon Formation member 1
- JURASSIC ROCKS**
- Jlc Frenchie Creek Rhyolite of the Pony Trail Group (Late Jurassic)



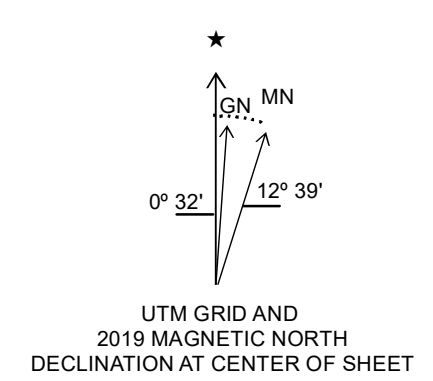
- Contact** Solid where certain and location accurate, dashed where approximately located.
- Internal contact** Solid where certain and location accurate. (In cross section only)
- Normal fault** Solid where certain and location accurate, dashed where approximately located, dotted where concealed; queried if identity or existence uncertain. Ball on downthrown side. In cross section approximately located faults shown as solid, arrows show relative motion.
- Strike and dip of bedding**
- Inclined
- Strike and dip of flow banding or flow foliation in volcanic rocks**
- Inclined
- Strike and dip of compaction foliation in ash-flow tuff**
- Inclined
- Apparent dip of flow and compaction foliation on cross section**
- Apparent dip of flow and compaction foliation on cross section
  - Apparent dip of bedding
- Line of cross section**
- A — A'



CONTOUR INTERVAL 40 FEET

Projection: Universal Transverse Mercator, Zone 11, North American Datum 1983 (m)

Base map: U.S. Geological Survey McCormack Spring 7.5' quadrangle (2021)  
U.S. Geological Survey Palisade 7.5' quadrangle (2021)



**Suggested Citation:**  
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**Nevada Bureau of Mines and Geology**  
Mackay School of Earth Sciences and Engineering  
College of Science  
University of Nevada, Reno

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**OPEN-FILE MAP**  
Has not undergone peer review

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