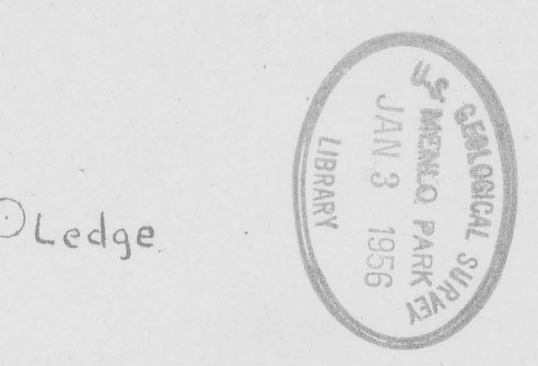


Trace Elements Memorandum Report 415

Dinne Mesa NW  
U.S. GEOLOGICAL SURVEY

109° 30' 00" 37° 00' 00" 109° 21' 30" 37° 00' 00"

- Qs dune sand
- Qal alluvium
- Qt terrace deposits
- Qg gravel
- Qng pediment gravel
- Mancos formation
  - Kms upper Mancos sh
  - Kt Toolito ss
  - Kml lower Mancos sh
- Ed Dakota ss
- Morrison formation
  - Jmb Brushy Basin member
  - Jmw Westwater Canyon member
  - Jmr Hoeapature member
  - Jms Salt Wash member
- San Rafael Group
  - Jb Bluff ss
  - Js Summerville fm and Bluff ss
  - Jt Entrada fm and Toolito ls
  - Jc Carniel fm
- Glen Canyon Group
  - Jn Navajo ss
  - Jk Kayenta fm
  - Jw upper Wingate ss
  - Jx lower Wingate ss
  - Ze Chinle fm
  - Ze Shirarump conglomerate
- Pdo De Chelly ss
- Pc Cutler fm
- Igneous Rocks
  - Ti intrusive igneous rocks
  - Tir intrusive igneous rocks
  - Bracella brecciated igneous and sedimentary rocks
- Contacts
- Roads
- Picture centers
- Wing points
- Streams
- Scale 1:20,000



(200)  
T.C. Thorne  
No 415

PRELIMINARY DRAFT SUBJECT TO CORRECTION AND REVISION