



EXPLANATION

- Quaternary**
  - Qr River wash  
Contacts approximately located
  - Qt Terrace deposits
  - Qg Reddish gravels  
Contacts approximately located
- Pleistocene**
  - Thb, Thc, Ths, Thl Hickey Formation  
Thb, basaltic flows  
Thc, basaltic cinders  
Ths, gravels and sands  
Thl, latite dome and tuff
- Miocene and Pliocene**
  - TKr Rhyolite porphyry dikes
  - grp Grandiorite porphyry
  - cbqm, ap Crazy Basin Quartz Monzonite  
cbqm, coarse-grained facies  
ap, aplite and pegmatite dikes
  - bsg Badger Spring Granodiorite
  - bg, bd Bumblebee Granodiorite  
bg, normal facies  
bd, mafic border facies
  - gb Gabbro
  - qdp Quartz diorite porphyry
- Upper Cretaceous or lower Tertiary**
  - ika, ikab, ikr, ikc Iron King Volcanics  
ika, andesitic and basaltic flows  
ikab, mafic flows with inclusions of chert and limestone  
ikr, rhyolitic tuffs, flows, and intrusive masses  
ikc, ferruginous chert
  - qp, qptr Quartz porphyry  
qptr, quartz porphyry mixed with rhyolite
  - smt, sms, smc Upper unit  
smt, andesitic tuffaceous rocks  
sms, sedimentary rocks. Grades southward to mica schist  
smc, gray ferruginous chert
  - smb, sma, smrh, smbt, smc Lower unit  
smb, andesitic breccia  
sma, andesitic and basaltic flows (also in upper unit)  
smrh, rhyolitic breccia, flows, and intrusive masses  
smbt, mixed andesitic and rhyolitic bedded tuffaceous rocks  
smc, ferruginous chert
- Precambrian**
  - Quartz lenses, pods, and veins  
Include some recrystallized chert beds
  - ss Silicified and sericitized rocks
  - Contact
  - Fault
  - Plunge of minor fold axes
  - Plunge of cleavage-bedding intersection
  - Inclined Strike and dip of beds
  - Inclined Strike and dip of foliation
  - Vertical Strike and dip of cleavage and bedding
  - Vertical Strike and dip of crumpled foliation
  - Strike of pillow structure
  - Strike and dip of joints

GEOLOGIC MAP OF THE CORDES AREA, YAVAPAI COUNTY, ARIZONA