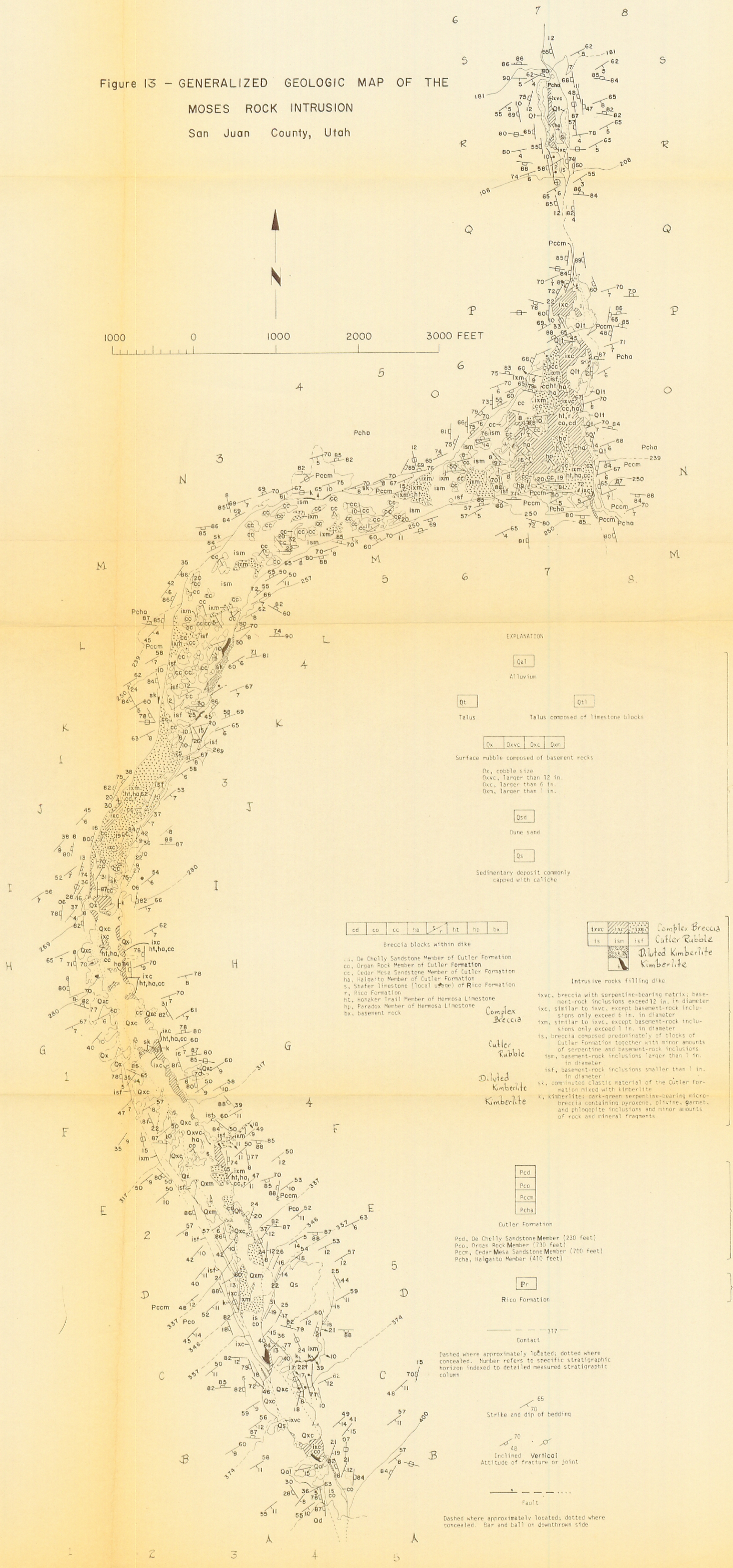


Figure 13 - GENERALIZED GEOLOGIC MAP OF THE  
MOSES ROCK INTRUSION  
San Juan County, Utah



EXPLANATION

- Qal Alluvium
  - Qt Talus
  - Qt1 Talus composed of limestone blocks
  - Qx Qxvc Qxc Qxm  
Surface rubble composed of basement rocks
  - Qsd Dune sand
  - Qs Sedimentary deposit commonly capped with caliche
- 
- cd co cc ha s ht hp bx  
Breccia blocks within dike
  - ixvc ixc ixm isf is  
Complex Breccia  
Cutler Rubble  
Diluted Kimberlite  
Kimberlite
  - ixvc ixc ixm isf  
Intrusive rocks filling dike
  - ixvc, breccia with serpentine-bearing matrix; basement-rock inclusions exceed 12 in. in diameter
  - ixc, similar to ixvc, except basement-rock inclusions only exceed 6 in. in diameter
  - ixm, similar to ixvc, except basement-rock inclusions only exceed 1 in. in diameter
  - is, breccia composed predominately of blocks of Cutler Formation together with minor amounts of serpentine and basement-rock inclusions
  - ism, basement-rock inclusions larger than 1 in. in diameter
  - isf, basement-rock inclusions smaller than 1 in. in diameter
  - sk, comminuted clastic material of the Cutler Formation mixed with kimberlite
  - k, kimberlites dark-green serpentine-bearing micro-breccia containing pyroxene, olivine, garnet, and phlogopite inclusions and minor amounts of rock and mineral fragments
- 
- Pcd  
Pco  
Pccm  
Pcha  
Cutler Formation
  - Pcd, De Chelly Sandstone Member (230 feet)
  - Pco, Organ Rock Member (730 feet)
  - Pccm, Cedar Mesa Sandstone Member (700 feet)
  - Pcha, Halgaito Member (410 feet)
- 
- Pr  
Rico Formation
- 
- 317 ---  
Contact
  - Dashed where approximately located; dotted where concealed. Number refers to specific stratigraphic horizon indexed to detailed measured stratigraphic column
  - 65  
70  
Strike and dip of bedding
  - 70  
48  
Inclined Vertical  
Attitude of fracture or joint
  - Fault
  - Dashed where approximately located; dotted where concealed. Bar and ball on downthrown side

QUATERNARY

TERTIARY

PERMIAN

PENNSYLVANIAN(?)