



CONFIDENTIAL

U.S. GEOLOGICAL SURVEY
 APACHE IRON PROJECT
 ARIZONA
 GEOLOGIC MAP OF ORE OUTCROP

Scale 1 inch to 200 feet
 0 200 400 600 800 1000 feet

Contour Interval 25 feet
 Datum Assumed

1942

Control by
 R. M. Grant and C. W. Hain
 U. S. Bureau of Mines

Geology and Topography by
 A. P. Butler, Jr. and A. F. Shride

- EXPLANATION
- | | |
|---|---|
| <p>Qal +
Alluvium, mafic rock, and talus
concealing bedrock</p> <p>UP
Upper Paleozoic rocks
undifferentiated</p> <p>Ct
Tray quartzite</p> <p>Cc
Chediski sandstone</p> <p>CAm
Mescal formation</p> <p>CAde
Dripping Springs quartzite</p> | <p>Main iron zone
Massive hematite and some specularite
interlayered with ferruginous and barren
jasper, argillite and sandstone</p> <p>Fault</p> <p>Strike and dip of beds</p> <p>Horizontal beds</p> <p>Sample trench</p> |
|---|---|
- UNCONFORMITY
- UNCONFORMITY(?)