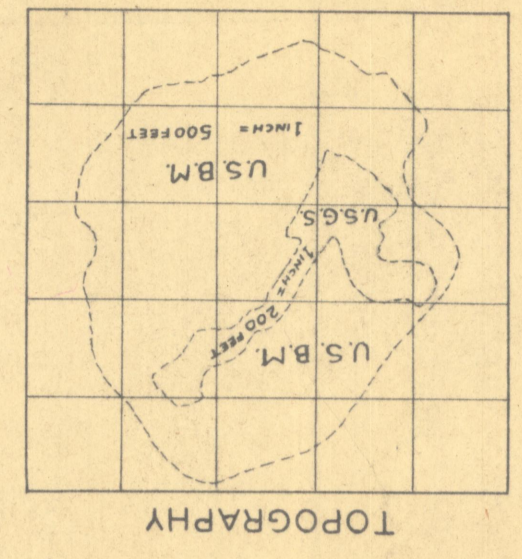
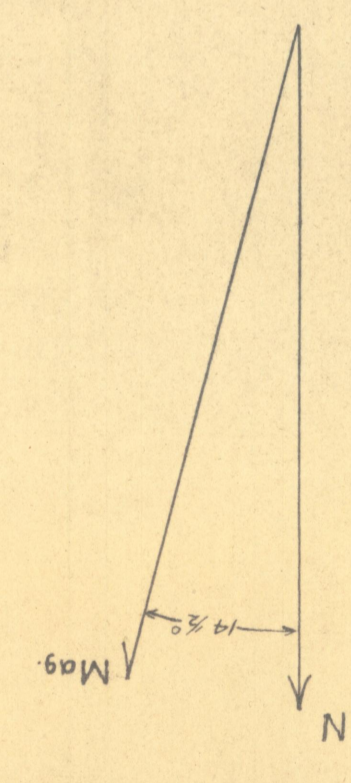


U.S. GEOLOGICAL SURVEY
 APACHE IRON PROJECT
 ARIZONA
 GEOLGIC MAP OF SWAMP CREEK
 MOUNTAIN IRON AREA
 Scale 1 inch=500 feet
 Contour Interval 50 feet
 Datum Assumed

EXPLANATION

- SEDIMENTARY ROCKS
- Alluvium, mantle rock, and talus concealing bedrock
 - UNCONFORMITY
Upper Paleozoic rocks undifferentiated
 - Troy quartzite
 - Cheediski sandstone
 - UNCONFORMITY (?)
 - Mescol formation
 - Dripping Springs quartzite
- IGNEOUS ROCKS
- diabase
- Other symbols:
- Main Ore Zone
 - Massive hematite and some specularite interlayed with ferruginous and barren jasper, arqillite, and sandstone
 - Fault
 - Strike and dip of beds
 - Horizontal beds
 - Sample trench
 - Shear zone



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



Fig. 4