

Geologic Formations

Cenozoic Rocks

Quaternary gravels



Tertiary Hickey formation



Precambrian Rocks

Intrusives

Alaskite and aplite



Quartz diorite



Gabbro, diabase, and diorite



Quartz Porphyry



Sediments and volcanics

Iron King volcanics: Andesitic Tuff



Mafic flows



Spud Mtn volcanics: Rhyolite tuff



Andesitic tuff



Andesite breccia



Texas Gulch fm: Rhyolite tuff, slate,

limestone, & cgl.



Chaparral volcanics: Andesitic tuff



Rhyolite tuff



Green Gulch volcanics: Mafic flows & tuff



Geophysics and Other Symbols

1000-cycle EM response



400-cycle EM response



Afmag response



Mineralized zone



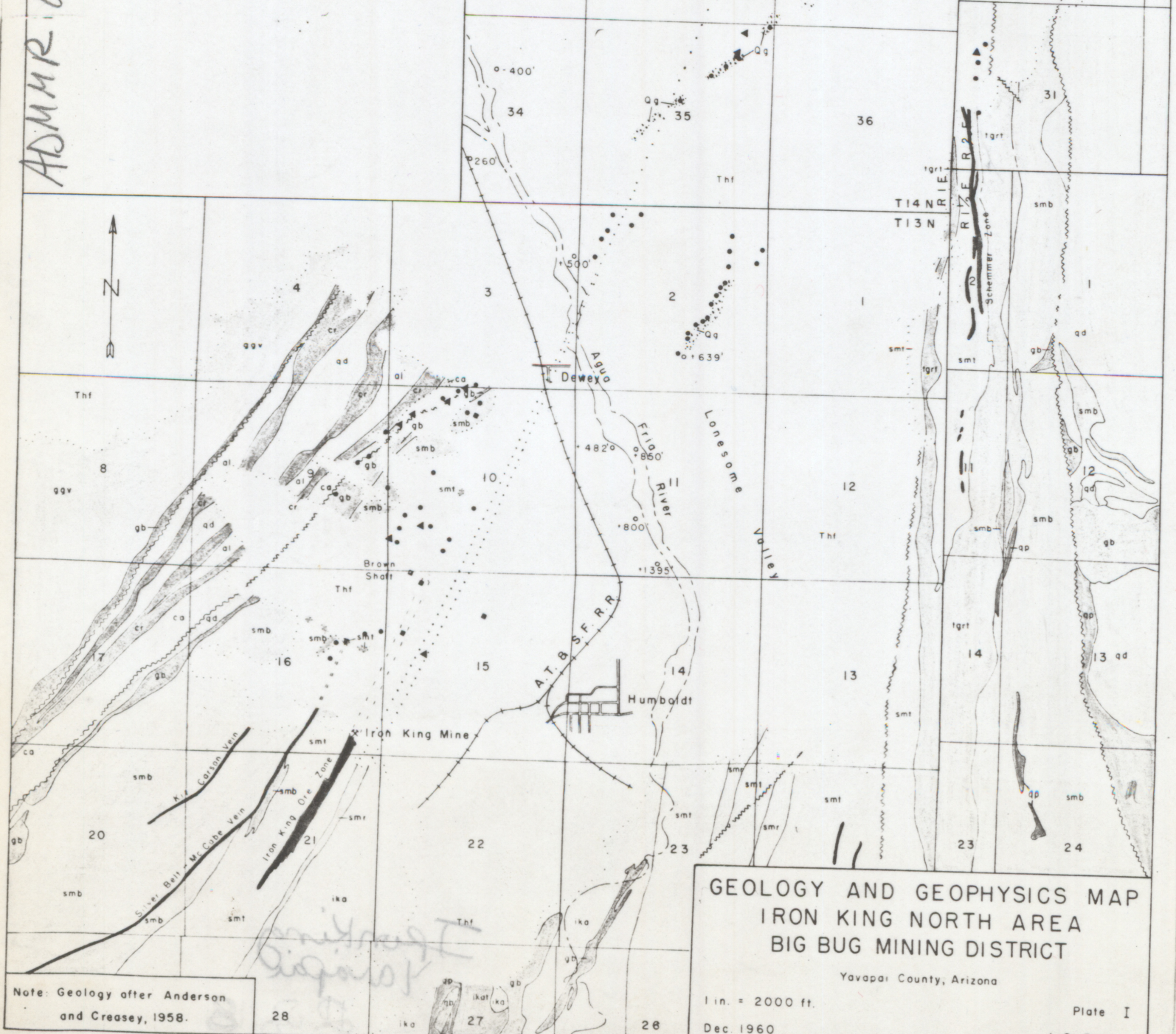
Fault



Depth of Cenozoic cover (from water wells)



ADMNR 0318-004



GEOLOGY AND GEOPHYSICS MAP  
IRON KING NORTH AREA  
BIG BUG MINING DISTRICT

Yavapai County, Arizona

1 in. = 2000 ft.  
Dec. 1960

Plate I  
J. S. Phillips

Note: Geology after Anderson and Creasey, 1958.