

(200)  
9B



- EXPLANATION**
- Th  
Hickey formation
  - rd  
Rhyolite dike
  - qd  
Foliated quartz diorite
  - ika  
Iron King volcanics  
*Amygdaloidal basaltic flows*
  - smr  
Spud Mountain volcanics  
*Rhyolitic tuffaceous unit, smr; conglomeratic unit, smcg; andesitic tuffaceous unit, smt*
  - smcg  
smt
  - smt
  - qv  
Quartz or jasper vein
  - Vein  
*Contains gossan after sulfide minerals*
  - Zone of veins  
*Consists of two or more veins separated by altered andesite tuff. Veins contain gossan after sulfide minerals*
  - a<sub>1</sub>  
Most intense hydrothermal alteration; introduced quartz, pyrite, ankerite, and sericite
  - a<sub>2</sub>  
Moderately intense hydrothermal alteration; introduced quartz, pyrite, ankerite, and sericite
  - a<sub>3</sub>  
Least intense hydrothermal alteration; introduced sericite most pronounced; some introduced quartz and ankerite
  - Contact, dashed where approximately located
  - Fault, approximately located
  - 75  
Strike and dip of beds
  - 80 70  
Strike and dip of foliation and plunge of lineation
  - +  
Strike of vertical foliation
  - 65  
Strike and dip of fracture cleavage
  - Shaft
  - Opencut
  - Dump

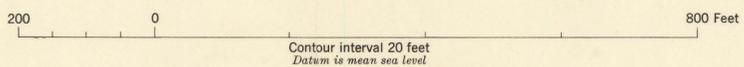
AGE TERTIARY  
UNKNOWN  
OLDER PRECAMBRIAN

Topography modified from map by Charles S. Bacon Jr.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.

Geology by S. C. Creasey

GEOLOGIC MAP OF SURFACE OF IRON KING MINE, YAVAPAI COUNTY, ARIZONA



U.S. GEOLOGICAL SURVEY  
 WASHINGTON, D. C.  
 AUG 18 1958  
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