

- Quaternary
 - Alluvium and Colluvium
- Tertiary
 - Tertiary Sediments
 - Basalt (?) Porphyry
 - Latite - Mainly Dikes and Sills
 - Aplite - Mainly Dikes and Sills
 - Granodioritic Rocks - Includes Quartz Monzonite Porphyry
 - Granitic Rocks - Includes Alaskite, Quartz Porphyry, Rhyolite Porphyry
- Jurassic Cretaceous
 - Diorite - Undifferentiated
 - Andesite
- Pre-Cretaceous
 - Sedimentary Rocks
- Permian
 - Limestone
- Triassic
 - Andesitic Tuff
- Pre-Permian
 - Hornfels - Intensely Hornfelsed Sedimentary and Metasedimentary Rocks

Absolute ages of rocks in the study area have not been determined. Ages assigned are inferred from mapping elsewhere in the Alaska Range.

- Breccias - Includes Tectonic, Intrusion (?) and Intrusive
- Lithologic Contact - Dashed where inferred
- Fault
- Prospect or Occurrence
- Caved Adit
- Approximate Claim Boundary

Potential High Grade Deposits

Silver King	Gold/silver/antimony (?)
Liberty	Gold/silver
Eagle	Gold/silver
Lucrata	Gold/silver
Nimbus	Gold/silver

Potential Disseminated Deposits

Nimrod	Gold/silver
Nim	Copper/silver/molybdenum/gold (?)
Snoopy	Copper/silver/gold (?)

Coal Deposits

Dunkle Coal Mine

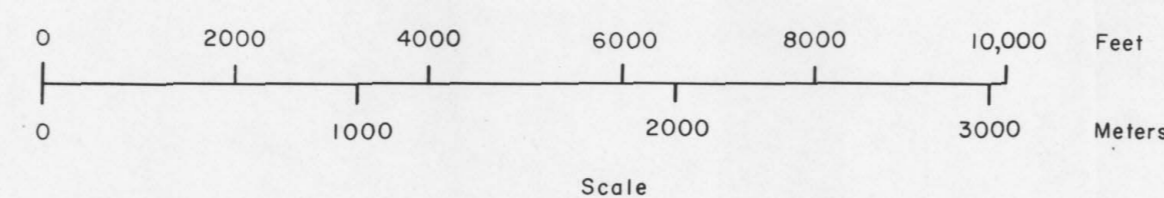
DUNKLE MINE STUDY AREA COMPOSITE MAP

GEOLOGY, MINES AND PROSPECTS, AND ACTIVE MINING CLAIMS

Geology by:
C. McKee, T. Hinderman, J. Bressler, et al., 1983
After
Resource Associates of Alaska, 1971
Hawley & Clark, 1974
Resource Exploration Consultants, 1975

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Base map adapted from U.S.G.S. Healy A-5, 6, B-5, 6 1:63,360 quadrangles.
Work performed for the U.S. Bureau of Mines under contract number SO134031
Prime contractor: Salisbury & Dietz, Inc.
Technical subcontractors: C.C. Hawley and Associates, Inc. and WGM Inc.



Contour interval 100 feet