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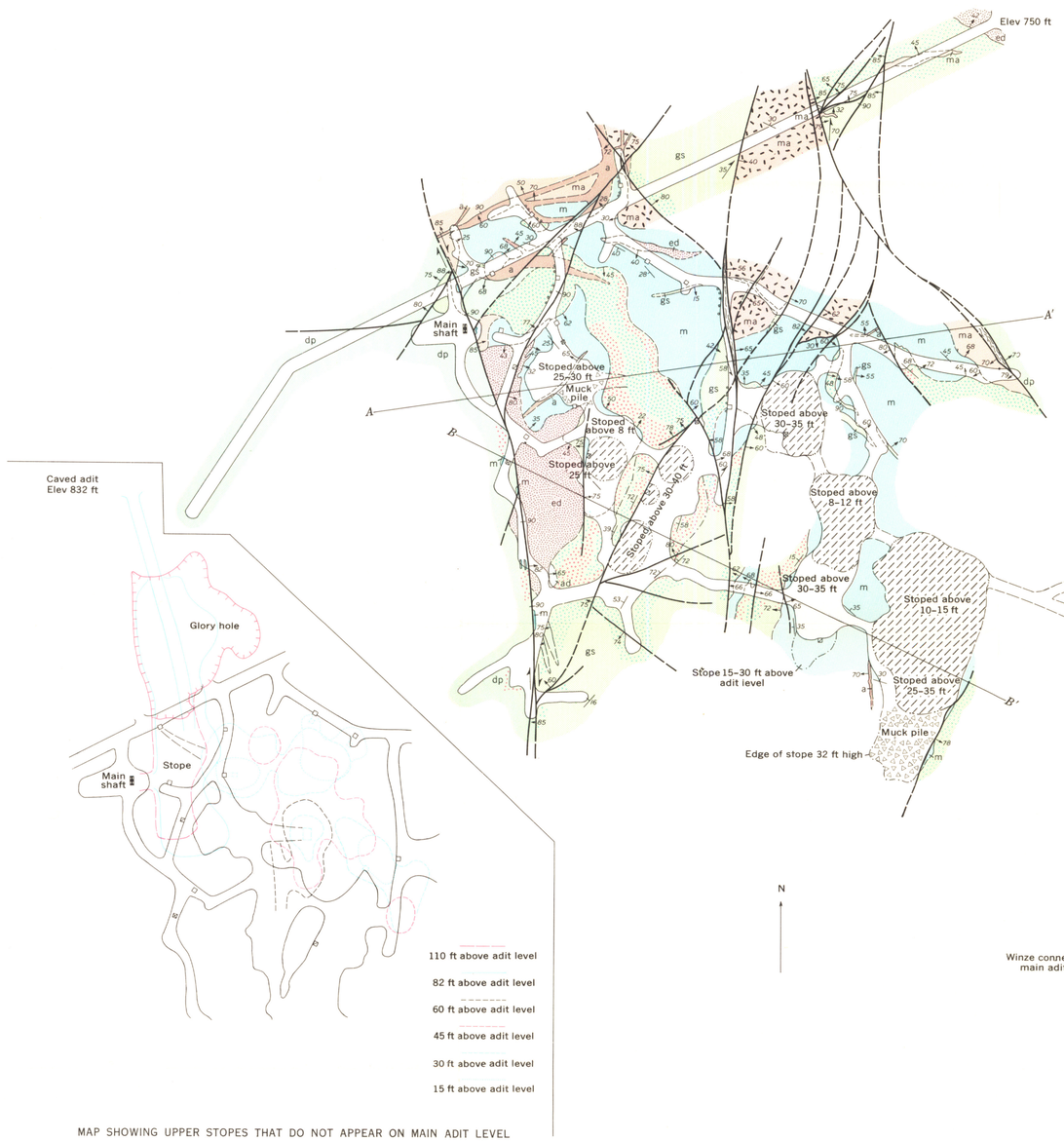
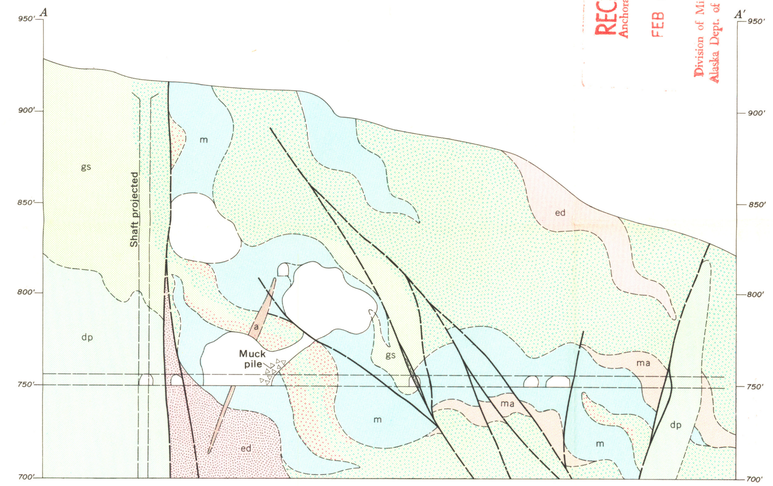
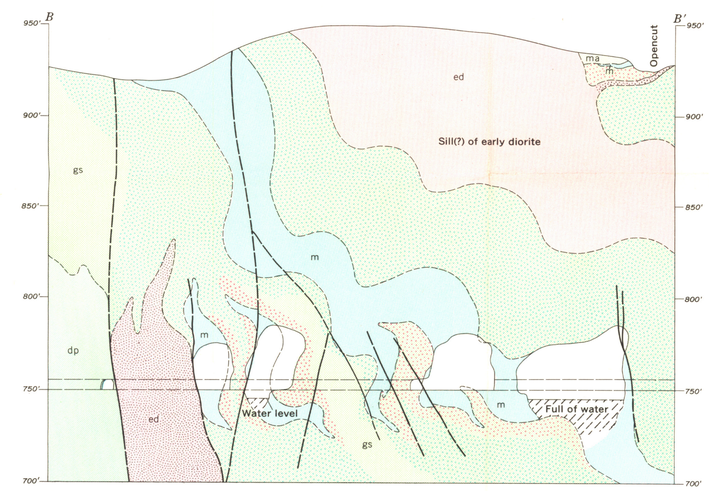
Alaska Dept. of Natural Resources



MAP SHOWING UPPER STOPES THAT DO NOT APPEAR ON MAIN ADIT LEVEL





Geology by E. N. Goddard, 1942

EXPLANATION

- ad — Alkalic dacite
- dp — Diorite porphyry. *Includes some early diorite*
- a — Andesite
- ed — Early diorite and related rocks. *Dots indicate epidote alteration*
- gs — Greenstone and associated rocks
- ma — Marble. *Greatly fractured in places*
- Tactite. *Greenstone, altered to epidote, and other silicates*
- Tactite. *Containing chalcopyrite and pyrite*
- m — Magnetite ore
- Contact, showing dip. *Dashed where approximately located; short dashes where inferred*
- Vertical contact
- Fault, showing dip. *Dashed where approximately located. Arrow indicates relative movement of downthrown block*
- Vertical fault
- Fault, showing relative movement
- Shear zone, showing dip
- Strike and dip of beds
- Portal of adit
- Foot of raise or winze
- Head of raise or winze
- Ore chute
- Stope
- Stoped below level of adit; filled with water
- Stoped above level of adit; and beyond boundary of adit
- Mine working
- Lagging or cribbing along drift
- Caved or otherwise inaccessible working

GEOLOGIC MAP AND SECTIONS OF MAMIE MINE

50 0 50 100 Feet

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. MR-3317