



SCALE 1:1,000,000



1921. Metallic mineral resources map of the Chandalar quadrangle, Alaska. U.S. Geol. Survey Misc. Field Studies Map MF-107, 1 sheet, scale 1:250,000.
1921. Metallic mineral resources map of the Hughes quadrangle, Alaska. U.S. Geol. Survey Misc. Field Studies Map MF-108, 1 sheet, scale 1:250,000.
1921. Metallic mineral resources map of the Mount Nicholson quadrangle, Alaska. U.S. Geol. Survey Misc. Field Studies Map MF-165, 1 sheet, scale 1:250,000.
1921. Metallic mineral resources map of the Wisman quadrangle, Alaska. U.S. Geol. Survey Misc. Field Studies Map MF-405, 1 sheet, scale 1:250,000.
1923. Placer Deposits of Alaska: U.S. Geol. Survey Bull. 1174, 27 p.
- 1975a. Summary of references to mineral occurrences (other than mineral fuels and construction materials) in five quadrangles in Alaska and contiguous areas (Chandalar, Khatanga, Shungnak). U.S. Geol. Survey open-file report FS-6227.
- 1975b. Summary of references to mineral occurrences (other than mineral fuels and construction materials) in northern Alaska. U.S. Geol. Survey open-file report FS-7028.
- 1975c. Summary of references to mineral occurrences (other than mineral fuels and construction materials) in the Wisman and Hughes quadrangles, Alaska. U.S. Geol. Survey open-file report FS-6228.

This map is preliminary and has not been reviewed for conformity with U. S. Geological Survey standards and nomenclature.

Note: Also see references to specific deposits, table 1, in accompanying text.

Compiled by Donald Grybeck

1977

- ⁶ Numbers near deposit symbols refer to table 1 in accompanying text. Deposits tabulated by U.S. Geological Survey 1:250,000 scale topographic quadrangles outlined on map.

- Size of Deposit

- or irregular shape; includes porphyries and ore minerals disseminated in felsic igneous rocks.

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- Skarn, tectite and contact metamorphic dep

- ① Miscellaneous deposits
minerals

- ^{1/} Production less than \$1,000,000 or cost less than \$100,000 or identified resources. With rare exceptions, the cost of production is used as the basis for determining whether a company is a small business.

- ^{2/}
- Production greater than \$1,000,000.

- ### PLACER DEPOSITS

- Gold (and byproduct sil)

- Note: Most placers also contain small amounts of a wide variety of other minerals.

- #### NON-METALLIC DEPOSITS

- | Coal | Local occurrence of coal (after Barnes, 1967) |
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- boundary of Brooks Range National Mineral Resource Assessment Program (BRMRAP) as used in this study.

- Dec. 18, 1973). Compiled from maps prepared by the U.S. Bureau of Land Management.

3. Cape Krusenstern National Monument

- Approximate route of Alyeska pipeline