



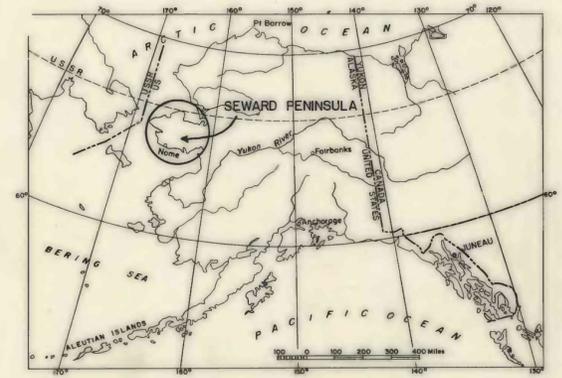
Explanatory Note

The areas of mineral resource potential shown on the map are defined on the basis of the information summarized in the accompanying text and tables. Many of the areas reflect the distribution of known deposits and extensions of the geologic controls of known deposits. Some areas are identified because preliminary or reconnaissance geologic studies and mineral exploration indicate that they are permissible for the occurrence of specific types of deposits. There are important differences in the statements that can be made concerning the resource potential of the areas. Some areas definitely contain important resources, whereas others can only be speculated to contain resources; many areas lie between these two extremes. Within the context of our present understanding, certain qualitative and, in some cases, quantitative statements concerning the resource potential of specific areas are possible. These statements, and the information upon which they are based, are summarized in table 2. The areas not identified as resource potential areas contain only a few scattered mineral deposits or occurrences and, for the most part, lack the geologic relations that are associated with known or suspected Seward Peninsula deposit types.

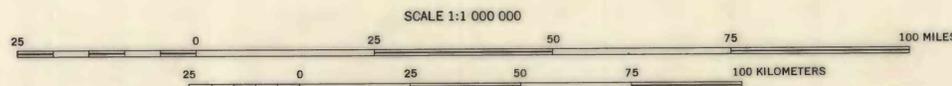
Map Symbols

Solid lines indicate boundaries of specific areas of mineral resource potential. Dashed lines are used where area 2 overlaps area 1. The areas are numbered consecutively in a general clockwise sequence starting from the northwestern part of the peninsula. Most of the major and minor commodities known or suspected with each area are indicated by standard chemical symbols; graphite and mica are not symbolized and RE symbolizes rare-earth elements. Commodities in each area are listed in random order and not by abundance or potential importance. Available information ranking major, minor, and byproduct commodities appears in columns 2 and 3 of table 2 and on page 68 of the accompanying text.

The letter C enclosed in a circle indicates localities where coal-bearing rocks have been identified. Coal deposits have been mined at the locality along the Kugruk River.



Base from National Atlas 1:2,000,000 series:  
NORTHERN ALASKA, SHEET #40, 1970.



SCALE 1:1,000,000

MAP AND TABLES DESCRIBING AREAS OF MINERAL RESOURCE POTENTIAL, SEWARD PENINSULA, ALASKA

by

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This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.