

Table 2. Description of areas of mineral resource potential in the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles, Alaska--Continued

Table with columns: Map sheet, Level of mineral resource potential, Type of deposit, Occurrence information, and Notes. Rows 11-27 describe various mineral resource areas.

Table 3. Definition of level of mineral resource potential and certainty of assessment

Table with columns: Level of Resource Potential (A-D) and Level of Certainty (A-D). Includes a flowchart defining the levels.

Table 4. Available information in support of determination of the level of mineral resource potential

Table with columns: Level of Resource Potential (A-D) and Level of Certainty (A-D). Contains detailed notes for each level.

MAP SHOWING METALLIC MINERAL RESOURCE POTENTIAL IN THE GOODNEWS BAY, HAGWEISTER ISLAND, AND NUSHAGAK BAY 1° X 3° QUADRANGLES, SOUTHWEST ALASKA

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Table 2. Description of areas of mineral resource potential in the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles, Alaska

Table with columns: Map sheet, Level of mineral resource potential, Type of deposit, Occurrence information, and Notes. Rows 1-10 describe various mineral resource areas.

Table 3. Definition of level of mineral resource potential and certainty of assessment

Table with columns: Level of Resource Potential (A-D) and Level of Certainty (A-D). Includes a flowchart defining the levels.

Table 4. Available information in support of determination of the level of mineral resource potential

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ASSESSMENT OF METALLIC MINERAL RESOURCE POTENTIAL

Despite the presence of high grade POM placer in the Goodnews Bay district (Table 2, map C, table 2), mining and exploration efforts have failed to recover...

Platinum Group Metals

Platinum group metals (PGM) are a family of naturally divided into two groups: collectively known as platinum-iridium-uranium-cobalt-nickel...

PGM Resources

Platinum resources in the study area can be divided into two groups: collectively known as platinum-iridium-uranium-cobalt-nickel...

PGM Occurrence

Most chemical deposits of commensal minerals are also associated with hydrothermal systems...

PGM Distribution

The remainder of the rocks regarded as prospective hosts for chromite deposits are also rich in PGM...

PGM Potential

Most of the areas (B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) are considered to have moderate to high potential...

PGM Potential

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INTRODUCTION

This report presents an assessment of the metallic mineral resource potential in the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles...

Geology

The geology and mineral resource potential of the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles...

Mineral Resources

The mineral resources of the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles...

Mineral Occurrence

The mineral occurrence of the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles...

Mineral Potential

The mineral potential of the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles...

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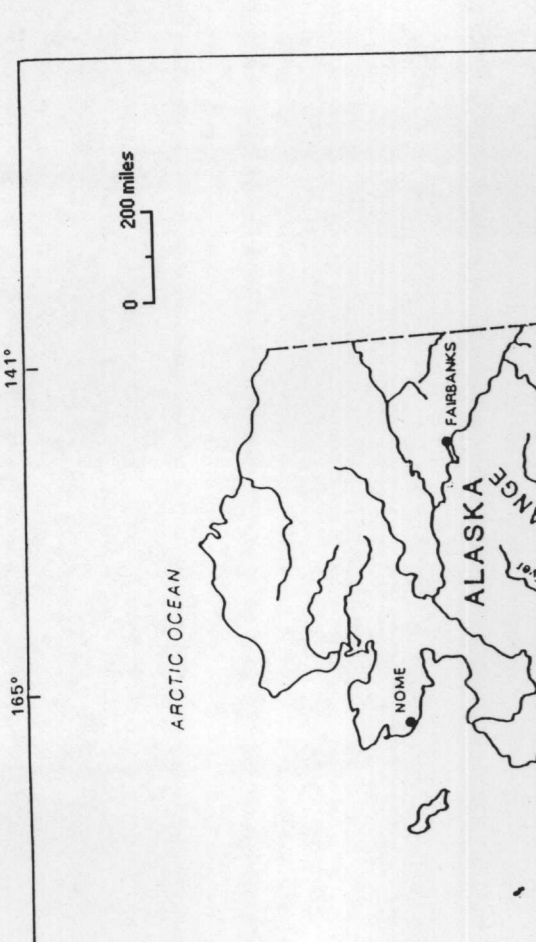


Figure 1. Map showing the approximate location of mining regions and districts in the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles.

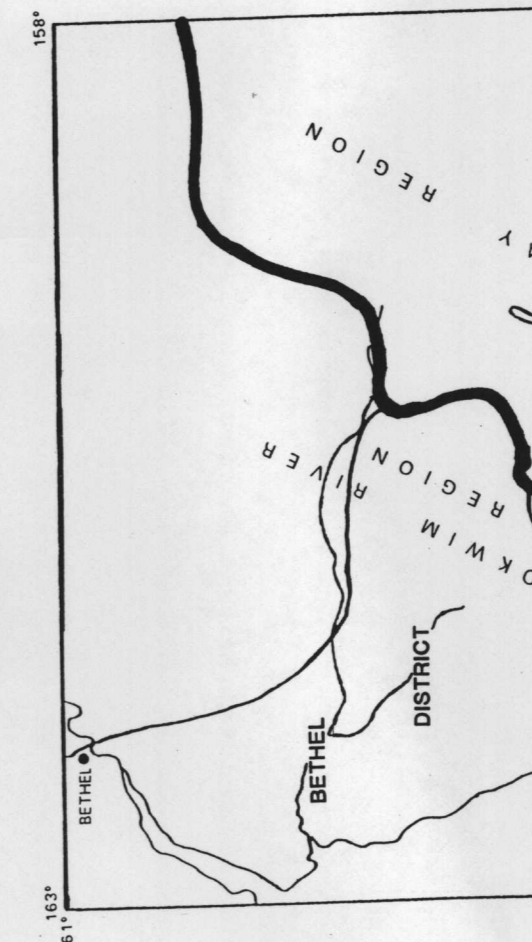


Figure 2. Map showing the approximate location of mining regions and districts in the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles.

GEOLOGIC SETTING

The study area is underlain primarily by metamorphic rocks of the Tertiary, Quaternary, and Cretaceous (Bass, 1985). The most detailed account of the geology and a correlation of the rock units is given in figure 1 and text of the report.

Geology

The geology and mineral resource potential of the Goodnews Bay, Hagweister Island, and Nushagak Bay quadrangles...