



PRELIMINARY MAP OF NICKEL PROVINCES IN THE CONTERMINOUS UNITED STATES

BY

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The map shows that the United States generally has limited domestic sources of nickel. In 1975, the base year used in the Atlas (Tooker, 1975), was about 100,000 short tons (178,000 metric tons) of nickel consumed in the United States. About 10 percent of this demand was met by nickel produced in the United States. Most of the nickel produced in the United States is derived largely from secondary production by recycling (U.S. Bureau of Mines, 1975). Nickel is an essential strategic and industrial commodity because of its unique strength and resistance to wear and corrosion. Demand for nickel is expected to increase through the use of increasingly available lower grade ores and secondary production. The production of nickel from these sources is expected to increase through the use of increasingly available lower grade ores and secondary production. The production of nickel from these sources is expected to increase through the use of increasingly available lower grade ores and secondary production.

Distinguishing nickel provinces. The map is designed to help define the search for nickel resources in regions or provinces that may be geologically favorable for nickel concentrations. A province is defined as a region of nickel deposits and occurrences that are geologically related to each other. The provinces are defined on the basis of geologic and geochronologic criteria. The provinces are defined on the basis of geologic and geochronologic criteria. The provinces are defined on the basis of geologic and geochronologic criteria. The provinces are defined on the basis of geologic and geochronologic criteria.

The provinces are numbered 1 through 17. Province 1 is the western part of the Cordilleran Belt and contains nickel deposits and occurrences. Province 2 is the western part of the Cordilleran Belt and contains nickel deposits and occurrences. Province 3 is the western part of the Cordilleran Belt and contains nickel deposits and occurrences. Province 4 is the western part of the Cordilleran Belt and contains nickel deposits and occurrences. Province 5 is the western part of the Cordilleran Belt and contains nickel deposits and occurrences.

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