Comprehensive Bibliographies on Primary and Supergene Ni-Cu-PGE
Mineralization Associated with Komatiitic and Mafic Intrusions
in Australasia, on Layered Mafic Intrusions in Australasia,
and on the Dufek Intrusion, Antarctica

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These bibliographies have been compiled at the U.S. Geological Survey, Menlo Park, California, under the auspices of Project 161 of the International Geological Correlation Program, entitled "Sulfide Deposits in Mafic and Ultramafic Rocks." Part of a series of bibliographies being compiled for the entire world, they are considered to be complete through 1986.

Compilation of the bibliographies was begun by searching the computerized data bases of scientific literature referred to as GeoRef (American Geological Institute) and CA Search (Chemical Abstracts), using two search strategies:

\[ A + (B \text{ or } C \text{ or } D \text{ or } E) + F \]

or

\[ G + F \]

where

- \(A\) = nickel or cobalt or platinum or pentlandite
- \(B\) = mineralization or ore deposit or dissemination or mine
- \(C\) = ultramafic or ultrabasic or dunite or peridotite or harzburgite
- \(D\) = gabbro or anorthosite or norite
- \(E\) = economic geology
- \(F\) = a geographic region, and
- \(G\) = layered intrusion or cumulate

Specifically excluded from the bibliography on mineralized occurrences are references relating to Ni, Cu, or Pt-group-element mineralization associated with other than mafic igneous rocks. References to mafic rocks considered to be ophiolitic in character are excluded from the bibliography on unmineralized layered mafic intrusions, as are references to innumerable occurrences of unmineralized noncumulate gabbroic rocks. The bibliography on unmineralized mafic intrusions complements that for known mineralization; it provides the researcher with contrast and the prospector with potential.
The bibliography on nickel deposits of Western Australian includes all relevant references cited in Geological Survey of Western Australia Mineral Resource Bulletin 14, "Nickel Mineralization in Western Australia," by R. J. Marston. This 271-page volume contains a wealth of information, including references to many unpublished reports which we do not cite here. Readers should also be aware that many unreferenced short articles are contained in University of Western Australia Geology Department and Extension Service Publication 7, "Regional geology and nickel deposits of the Norseman-Wiluna Belt, Western Australia," edited by D. I. Groves and C. M. Lesher for IGCP project 91 and 161 field conferences in 1982.

We thank the many individuals who helped make these bibliographies accurate and comprehensive. Especially noteworthy were the contributions of Mark Barley, University of Western Australia; D. Russel Hudson; A. L. Jaques; Charter Mathison; and Sue Thornett, B.H.P. Minerals, Perth.

Because large bibliographies on mafic intrusions in other parts of the world were being compiled concurrently, time has not been available for inspection and verification of many of the citations; for this we apologize. Users of these bibliographies are encouraged to report any errors to Gerald K. Czamanske so that they may be corrected. In a similar spirit, users are encouraged to send notice of any reports published before 1987 that have been inadvertently omitted. Consistency of citation style has benefited from review by George Havach of the U.S. Geological Survey. The efforts of Pauline C. Bennett during early stages of compilation are gratefully acknowledged.

This report is being issued in two forms, representing slightly differing versions. Version A, issued as paper copy, incorporates foreign diacritics. Version B, issued as an IBM-compatible diskette, affords users the great benefit of an online bibliography, but is formatted only in the standard ASCII character set.
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42


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