

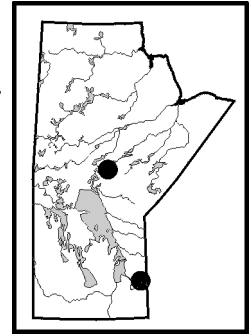
**GS-37 INDUSTRIAL MINERAL POTENTIAL OF MAFIC-ULTRAMAFIC INTRUSIONS IN  
MANITOBA  
by P.D. Leskiw**

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Leskiw, P.D. 2002: Industrial mineral potential of mafic-ultramafic intrusions in Manitoba; *in* Report of Activities 2002, Manitoba Industry, Trade and Mines, Manitoba Geological Survey, p. 309.

**SUMMARY**

In 2001, a documentation of all mafic-ultramafic intrusions in Manitoba was started in an effort to determine the potential for their use as various industrial minerals. Two summer students had previously compiled a bibliography of various sources in an effort to retrieve and store information on some of the industrial mineral commodities. This current documentation will focus on commodities such as chromite, titanium, dimension stone and platinum-group elements in the Bird River, Cross Lake, Red Cross Lake, Pipestone Lake and Kiskitto Lake areas.



**INTRODUCTION**

Relevant investigations outlining the geology and mineral occurrences in the Bird River greenstone belt, Cross Lake, Red Cross Lake, Pipestone Lake and Kiskitto Lake areas include government reports and maps, graduate research projects, assessment data, published and unpublished papers, journals and company annual reports and press releases. Using these sources of information, an outline of each of the industrial mineral commodities will be provided. Each outline will include the following sections: introduction; geological setting; resource definition; mining methods; tonnage/grade; estimated life expectancy of each deposit; beneficiation methods; specifications and uses; and conclusions. This work will be compiled in an open file report to present an overview for these industrial mineral commodities. Release of this open file report is targeted for March 2003.