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Miscellaneous Release—Data 352

Petrology and Geochemistry of the Copper Bar Cu-Ni-PGE Prospect, Northwestern Ontario

by M. Melchiorre[1], P. Hollings[1] and M.A. Puumala[2]

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This publication can be downloaded from
http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=pub&id=MRD352

This digital data release includes whole-rock and trace element analyses for 22 surface samples from the Copper Bar copper-nickel-platinum group element (Cu-Ni-PGE) prospect within rocks of the Midcontinent Rift, northwestern Ontario. A general description of the units sampled is also provided (*see* Summary document). These results form part of an HBSc thesis study by the first author that was a collaborative project between Lakehead University and the Ontario Geological Survey (Project NW-16-005). This release consists of 1 Microsoft® Excel® 2010 (*.xlsx*) file and 3 portable document format (*.pdf*) files.

The Microsoft® Excel® 2010 (*.xlsx*) workbook file consists of 2 worksheets. Worksheet "Geochemical Data" includes major and trace element geochemical data, brief sample descriptions, and location data provided in Universal Transverse Mercator (UTM) co-ordinates in Zone 16, North American Datum 1983 (NAD83). Worksheet "Abbreviations" contains explanations for all of the abbreviations used in worksheet "Geochemical Data". All analyses were performed at the Geoscience Laboratories (GeoLabs), Ontario Geological Survey, Sudbury, Ontario. Analytical methods are described in detail in the GeoLabs brochure, which is included on this release as a PDF file.

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Files on this Release

MRD352_Readme.pdf	(this document) Summarizes the contents of this data release.
MRD352_Summary.pdf	Describes the geology of the area, summarizes the geochemistry results, provides a brief interpretation of the data and includes petrographic description of the rocks sampled for this study.
MRD352_Geochemistry.xlxs	Contains results of the major and trace element geochemical analysis and location data.
2017 Geo Labs Brochure.pdf	Geoscience Laboratories' schedule of fees and services, providing information on the analytical methods used by Geoscience Laboratories for this study.

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