

MRD069 Can be downloaded at the following location:

[http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm\\_dir.asp?type=pub&id=MRD069](http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=pub&id=MRD069)

Please note that all right, title and interest in this Electronic Intellectual Property (EIP) in all languages, formats and media, including all copyrights are and shall continue to be the exclusive property of the Crown in right of Ontario.

There are legal constraints defining the use of this data. The complete and entire Electronic Intellectual Property Agreement may be viewed at [http://www.geologyontario.mndm.gov.on.ca/terms\\_of\\_use.html](http://www.geologyontario.mndm.gov.on.ca/terms_of_use.html)

Any use of the EIP in all languages, formats and media must include an acknowledgement of the MNDM as the source. Reference must be made in the following form:

Bajc, A.F. and Crabtree, D.C. 2001. Till compositional database, kimberlite and base metal indicator minerals, Shebandowan greenstone belt, northwestern Ontario; Ontario Geological Survey, Miscellaneous Release Data 69.

ISBN 0-7794-0598-6

For information on purchasing all publications, including digital data, contact:

Publication Sales

933 Ramsey Lake Rd., Level A3

Sudbury, Ontario P3E 6B5

Tel: 1-888-415-9845 (toll-free inside Canada and the United States)

Tel: (705) 670-5691 (local calls)

Fax: (705) 670-5770

E-mail: [pubsales@ndm.gov.on.ca](mailto:pubsales@ndm.gov.on.ca)

Till Compositional Database, Kimberlite and Base Metal Indicator Minerals, Shebandowan Greenstone Belt, Northwestern Ontario; Ontario Geological Survey, Miscellaneous Release Data 69.

Data to Accompany OFR 6046

This digital data release contains 4 Microsoft Excel spreadsheets.

#### 1. Location.xls

Locational information is provided in NAD 83 as both UTM Zone 15 and UTM Zone 16 since the study area straddles the 2 zone boundaries. The sampled material is categorized as either till or sand and gravel (S&G) and is assigned to either a "Northern" or "Superior" lobe provenance.

#### 2. Assemblages.xls

Heavy mineral assemblages are listed, in order of prominence, those comprising greater than 15 to 20% of the 0.25 to 0.50 mm paramagnetic (<0.8 amp) fraction followed by minerals comprising greater than 15 to 20% of the corresponding non-magnetic (>1.0 amp) fraction. The paramagnetic and non-magnetic assemblages are separated by a forward slash (/).

#### 3. MMSIM Grain Counts.xls

KY: kyanite

SI: sillimanite

RR: red rutile

GA: gahnite

DC: chrome diopside

CO: corundum

EP: epidote

AN: andalusite

TO: topaz

UV: uvarovite

ST: staurolite

FA: fayalite

OPX: orthopyroxene

CR: chromite

SP: spessartine

GO: goethite

PY: pyrite

CPY: chalcopyrite

#### 4. Probe Data.xls

This file contains major oxide microprobe data for garnets, chromites, chrome diopsides, ilmenites, olivines and gahnites