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Sage, R.P. 2010. Geochemical data for the Abotossaway, Corbiere, Leclaire, Musquash and Part of Dunphy townships area, District of Algoma, Ontario; Ontario Geological Survey, Miscellaneous Release—Data 247.

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These data accompany

Open File Report 5587, *Geology of Abotossaway, Corbiere, Leclaire and Musquash Townships and Part of Dunphy Township, District of Algoma.*

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Miscellaneous Release—Data 247

**Geochemical Data for the Abotossaway, Corbiere, Leclaire, Musquash and Part of Dunphy Townships Area, District of Algoma, Ontario**

by R.P. Sage

This publication can be downloaded from

[http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm\\_dir.asp?type=pub&id=MRD247](http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=pub&id=MRD247)

This release contains major oxide and trace element geochemistry of 291 rock samples from the Wawa area. The data were originally released in 1993 accompanying Open File Report 5587. The data were issued in ASCII (.txt) format and are being made available as 1 Microsoft® Excel® 2003 (.xls) spreadsheet (with 17 worksheets). The data have been reformatted for consistency. Sample location information in the files is given in UTM Zone 17 co-ordinates, North American Datum 1927 (NAD27). The data are available on 1 CD.

This report was the second in a series of 3 reports on the geology of the Wawa area: “area II” refers to this study area (Abotossaway, Corbiere, Leclaire, Musquash and Part of Dunphy townships). The geology from related study areas were reported in OFR 5586 (“area I”: Chabanel, Esquega, Lastheels and McMurray townships) and OFR 5588 (“area III”: Aguonie, Bird, Finan and Jacobson townships); the data for these study areas are available in MRD 246 and 248, respectively.

This release is organized into 2 folders, as follows:

1. major-trace geochemistry (area II)
2. OFR 5587 original release of data

*continued ...*

- 1. major-trace geochemistry (area II).** This folder contains 1 *.xls* spreadsheet (with 17 worksheets) with major oxide and trace element geochemical analyses of samples collected in area II. The worksheets correspond to the data files that originally accompanied Open File Report 5587.

major-trace data (area II).xls: major oxide and trace element analyses of various rock samples collected from area II  
(with the following worksheets):

- ALTCHLF2 ..... chloritoid-bearing intermediate to felsic metavolcanic rocks
- ALTCHLM2 ..... chloritoid-bearing intermediate to mafic metavolcanic rocks
- ALTMAGP2 ..... altered breccias collected in the Magpie Mine area
- ALTMINT2 ..... chloritoid-bearing intermediate to mafic intrusive rocks
- ALTTOUR2 ..... tourmaline-bearing intermediate to mafic metavolcanic rocks
- FELINTG2 ..... felsic intrusive rocks from the Gutcher Lake granitic complex
- FELINTH2 ..... felsic intrusive rocks from the Hawk Lake granitic complex
- FELINTL2 ..... felsic intrusive rocks from the Lund Lake granodiorite stock
- FELINTM2 ..... felsic intrusive rocks from the Middleton Lake intrusions
- FELVOL2 ..... felsic volcanic rocks
- MAFINT2 ..... mafic intrusive rocks
- MAFVOL2 ..... mafic volcanic rocks
- MAGMINE2 ..... samples from the Magpie Mine area, collected for a study of alteration
- METSED2 ..... metasedimentary rocks
- MISRKS2 ..... miscellaneous rocks
- RPSTRISO ..... samples from the Troupe Lake granodiorite stock, collected for isotopic analysis
- RPSTROUP ..... samples from the Troupe Lake granodiorite stock

- 2. OFR 5587 original release of data.** This folder contains 24 files corresponding to the data files on the diskettes accompanying the original Open File Report 5587. Seventeen (17) files are comma-delimited ASCII (*.txt*) files, the data of which were used, in part, to prepare geochemical (Irvine and Baragar AFM plot, Jensen cation plot) figures in OFR 5587. The remaining 7 files in various formats (*.apt*, *.jpt*, *.plt*, *.dat*) are included only to preserve the files.

ALTCHLF2.TXT: major oxide and trace element geochemical analyses of chloritoid-bearing intermediate to felsic metavolcanic rocks in area II

ALTCHLM2.TXT: major oxide and trace element geochemical analyses of chloritoid-bearing intermediate to mafic metavolcanic rocks in area II

ALTMAGP2.TXT: major oxide and trace element geochemical analyses of altered breccias collected in the Magpie Mine area in area II

ALTMINT2.TXT: major oxide and trace element geochemical analyses of chloritoid-bearing intermediate to mafic intrusive rocks in area II

ALTTOUR2.TXT: major oxide and trace element geochemical analyses of tourmaline-bearing intermediate to mafic metavolcanic rocks in area II

FELINTG2.TXT: major oxide and trace element geochemical analyses of felsic intrusive rocks from the Gutcher Lake granitic complex in area II

FELINTH2.TXT: major oxide and trace element geochemical analyses of felsic intrusive rocks from the Hawk Lake granitic complex in area II

FELINTL2.TXT: major oxide and trace element geochemical analyses of felsic intrusive rocks from the Lund Lake granodiorite stock in area II

FELINTM2.TXT: major oxide and trace element geochemical analyses of felsic intrusive rocks from the Middleton Lake intrusions in area II

FELVOL2.TXT: major oxide and trace element geochemical analyses of felsic volcanic rocks in area II

MAFINT2.TXT: major oxide and trace element geochemical analyses of mafic intrusive rocks in area II

MAFVOL2.TXT: major oxide and trace element geochemical analyses of mafic volcanic rocks in area II

MAGMINE2.TXT: major oxide and trace element geochemical analyses of samples collected for a study of alteration in rocks in the Magpie Mine area in area II

METSED2.TXT: major oxide and trace element geochemical analyses of metasedimentary rocks in area II

MISRKS2.TXT: major oxide and trace element geochemical analyses of miscellaneous rocks in area II

RPSTRISO.TXT: major oxide and trace element geochemical analyses of samples collected for isotopic analysis from the Troupe Lake granodiorite stock in area II

RPSTROUP.TXT: major oxide and trace element geochemical analyses of samples collected from the Troupe Lake granodiorite stock in area II

RPSTRISO.DAT: (very raw) data for major oxide and trace element geochemical analyses of samples collected for isotopic analysis from the Troupe Lake granodiorite stock in area II

RPSTROUP.APT: raw data for major oxide and trace element geochemical analyses of samples from the Troupe Lake granodiorite stock in area II in an file format (.apt) no longer recognized

RPSTROUP.DAT: (very raw) data for major oxide and trace element geochemical analyses of samples from the Troupe Lake granodiorite stock in area II

RPSTROUP.JPT: raw data for major oxide and trace element geochemical analyses of samples from the Troupe Lake granodiorite stock in area II in an file format (.jpt) no longer recognized

SAG2714.DAT: (very raw) data for major oxide and trace element geochemical analyses of various samples from areas I, II and II

TROUPAFM.PLT: an alkali–iron–magnesium (AFM:  $(\text{Na}_2\text{O}+\text{K}_2\text{O})\text{--FeO (total)--MgO}$ ; Irvine and Baragar 1971) plot for samples from the Troupe Lake stock in AutoCAD<sup>®</sup> plotter document format

TROUPJEN.PLT: a Jensen cation ( $\text{Al--(Fe}_3\text{+Fe}_2\text{+Ti)--Mg}$ ; Jensen 1976) plot for samples from the Troupe Lake stock in AutoCAD<sup>®</sup> plotter document format