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These data accompany  
Open File Report 5586, *Geology of Chabanel, Esquega, Lastheels and McMurray Townships, District of Algoma*.

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Miscellaneous Release—Data 246

**Geochemical Data for the Chabanel, Esquega, Lastheels and McMurray 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=MRD246](http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=pub&id=MRD246)

This release contains major oxide and trace element analyses of 555 rock samples from the Wawa area. The data were originally released in 1993 accompanying Open File Report 5586. The data were issued in ASCII (.txt) format and are being made available as 1 Microsoft® Excel® 2003 (.xls) spreadsheet (with 23 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 first in a series of 3 reports on the geology of the Wawa area: “area I” refers to this study (Chabanel, Esquega, Lastheels and McMurray townships). The geology from related study areas were reported in OFR 5587 (“area II”: Abotossaway, Corbiere, Leclaire, Musquash and part of Dunphy townships) and OFR 5588 (“area III”: Aguonie, Bird, Finan and Jacobson townships); the data for these study areas are available in MRD 247 and 248, respectively.

This release is organized into 2 folders, as follows:

1. major-trace geochemistry (area I)
2. OFR 5586 original release of data

*continued ...*

- 1. major-trace geochemistry (area I).** This folder contains 1 *.xls* spreadsheet (with 23 worksheets) with major oxide and trace element geochemical analyses of 555 samples collected in area I. The worksheets correspond to the data files that originally accompanied Open File Report 5586.

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

- RPSW1 ..... quartz-feldspar porphyritic rocks
- RPSW2 ..... mafic intrusive rocks from the Lucy iron range footwall
- RPSW3 ..... cycle 2 mafic volcanic rocks
- RPSW4 ..... intermediate to felsic volcanic rocks from the area north of Wawa Lake, excluding the Lucy Mine area
- RPSW5 ..... intermediate to felsic volcanic rocks from the area north of Wawa Lake, including the Lucy Mine area
- RPSW6A ..... cycle 1 mafic volcanic rocks
- RPSW6B ..... cycle 2 mafic volcanic rocks
- RPSW7 ..... nonspecific mafic intrusive rocks
- RPSW8 ..... volcanic rocks from the Stanley Lake flows
- RPSW9 ..... pyroxenites
- RPSW10 ..... metasedimentary rocks
- RPSW11 ..... mafic intrusive rocks from the Reed Lake area
- RPSW12 ..... samples collected from the Eleanor Slates
- RPSW13 ..... intermediate to felsic volcanic rocks from the area south of Wawa Lake
- RPSW14A ... samples collected from the Jubilee stock
- RPSW15 ..... Jubilee tuffs (map unit 3o)
- RPSW16 ..... Jubilee tuffs (map unit 3i)
- RPSW17 ..... subcycle I intermediate to felsic volcanic rocks
- RPSW18 ..... ultramafic (gabbro, pyroxenite) rocks from the Lakemount Mine area
- RPSW19 ..... samples from the Hawk Lake granitic complex
- RPSW20A ... granites (mostly trondhjemite)
- RPSW21 ..... cycle 2 intermediate to felsic volcanic rocks from the Magpie River volcanic centre
- RPSWMIS ... various samples

- 2. OFR 5586 original release of data.** This folder contains 25 files corresponding to the data files on the diskettes accompanying the original Open File Report 5586. Twenty-three (23) 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 5586. Two (2) files are earlier licence or readme files.

RPSW1.TXT: major oxide and trace element geochemical analyses of quartz-feldspar porphyritic rocks in area I

RPSW2.TXT: major oxide and trace element geochemical analyses of mafic intrusive rocks from the Lucy iron range footwall in area I

RPSW3.TXT: major oxide and trace element geochemical analyses of cycle 2 mafic volcanic rocks in area I

RPSW4.TXT: major oxide and trace element geochemical analyses of intermediate to felsic volcanic rocks from the area north of Wawa Lake, excluding the Lucy Mine area, in area I

RPSW5.TXT: major oxide and trace element geochemical analyses of intermediate to felsic volcanic rocks from the area north of Wawa Lake, including the Lucy Mine area, in area I

RPSW6A.TXT: major oxide and trace element geochemical analyses of cycle 1 mafic volcanic rocks in area I

RPSW6B.TXT: major oxide and trace element geochemical analyses of cycle 2 mafic volcanic rocks in area I

RPSW7.TXT: major oxide and trace element geochemical analyses of nonspecific mafic intrusive rocks in area I

RPSW8.TXT: major oxide and trace element geochemical analyses of volcanic rocks from the Stanley Lake flows in area I

RPSW9.TXT: major oxide and trace element geochemical analyses of pyroxenites in area I

RPSW10.TXT: major oxide and trace element geochemical analyses of metasedimentary rocks in area I

RPSW11.TXT: major oxide and trace element geochemical analyses of mafic intrusive rocks from the Reed Lake area in area I

RPSW12.TXT: major oxide and trace element geochemical analyses of samples collected from the Eleanor Slates in area I

RPSW13.TXT: major oxide and trace element geochemical analyses of intermediate to felsic volcanic rocks from the area south of Wawa Lake in area I

RPSW14A.TXT: major oxide and trace element geochemical analyses of samples collected from the Jubilee stock in area I

RPSW15.TXT: major oxide and trace element geochemical analyses of Jubilee tuffs (map unit 3o) in area I

RPSW16.TXT: major oxide and trace element geochemical analyses of Jubilee tuffs (map unit 3i) in area I

RPSW17.TXT: major oxide and trace element geochemical analyses of subcycle I intermediate to felsic volcanic rocks in area I

RPSW18.TXT: major oxide and trace element geochemical analyses of ultramafic (gabbro, pyroxenite) rocks from the Lakemount Mine area in area I

RPSW19.TXT: major oxide and trace element geochemical analyses of samples from the Hawk Lake granitic complex in area I

RPSW20A.TXT: major oxide and trace element geochemical analyses of granites (mostly trondhjemite) in area I

RPSW21.TXT: major oxide and trace element geochemical analyses of cycle 2 intermediate to felsic volcanic rocks from the Magpie River volcanic centre in area I

RPSWMIS.TXT: major oxide and trace element geochemical analyses of various samples from area I

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