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MRD 6-Geochemical data to accompany Map 80 808, Montreal River Area

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## **GEOCHEMICAL SURVEY OF THE MONTREAL RIVER AREA**

Each data disk from the Montreal River Regional Geochemical Survey contains a portion of the data base on which the Montreal River geochemical broadsheet for the survey is based. The correct

title for the broadsheet is :

Fortescue J.A.C. and Vida E.A. (1991) Geochemical Survey, Montreal River Area; Ontario Geological Survey, Map No. 80 808.

Tabulating the entire geochemical data base on the map sheet is impractical due to the large size of the data set. Consequently, only highlights of the geochemical analyses are summarized on the map sheet. For PC users, the complete data base is available on CD for detailed interpretation.

The data files have been prepared in two formats:

1. Files with the extension ".wk1 or .wk3" are LOTUS 1-2-3 files (v. 2.01 or Release 3 respectively). Blank cells or the code -999 represents missing values.
2. Files with the extension ".txt" are standard txt files. The blank cell or the code "-999" represents missing values.

File names beginning with "MAPSHEET NAME" comprise a portion of the complete data base (i.e., MONTREAL.txt). Such a combined file includes lake codes, coordinates, secchi depth, water depth, water pH, water Ca, water Mg, geology, loss on ignition, and a 35 element analysis for pre-Ambrosia lake sediment samples. Simple statistics for each sediment analyses are listed below the data set.

Each file name contains a number, MONTRL\* (the asterix(\*) = a number), ie. MONTRL3.txt. The number delineates the combining order for files. The complete number of samples for the respective analysis are included in all files.

One type of standard was sequenced within the batch of the original lake sediment samples. The standards were removed and placed into a "STDMONT\*.txt" file after the analyses were completed for all sample sites and standards. The " \* " (representing a number) delineates the combining order for the standards' files.

The global (provincial) table is included in the disk as "GLOBMON\*.txt". The combination order of the files is delineated by the number shown in the location of the asterix (\*).

Because of the amount of space on the map sheet, Tables 2, 3, 6, and 7 are on the data base disk. Each large table file will contain a letter after the table number in the location shown by the star (\*), TABLE-3\*.txt. The combination order is obvious using the letter, i.e., TABLE-3A.txt, TABLE-3B.txt etc.