

METADATA DETAIL PAGE

Ontario Geospatial Electronic Directory of Information Holdings

This is a selection from the Ontario Geospatial Electronic Directory Metadata, also known as ED. The following represents the Basic description of an information holding. To obtain more information about this holding, see the section named "Contacts".

Metadata Currency Date: Wednesday August 14, 2002

Business Theme: All Themes

CITATION

Title: Lake Sediment and water quality data from the Lac des Iles-Black Sturgeon River area, northwestern Ontario: Operation Treasure Hunt

Acronym: MRD-108

Abstract:

Geochemical, water quality and quality control data for lake sediments and water collected from a survey of 2456 sites in Lac des Iles-Black Sturgeon River area, released in conjunction with Open File Report 6096. The Lac des Iles-Black Sturgeon River survey, centered approximately 100 km north of Thunder Bay was carried out between June 2001 and August 2001. Lake sediment samples were collected at 2259 lake sites and analyzed for major, minor and trace elements. Limnological (water quality) parameters were collected from 2331 lake sites. The resulting mosaic tile is based on the Universal Transverse Mercator (UTM) projection and grid system, Zone 15 and 16, North American Datum 1927.

Purpose:

This survey was undertaken to determine geochemical and limnological variations in the surficial environment, to provide a dataset and/or data products useful for the public good, including such applications as mineral exploration and baseline environmental studies.

Time Coverage: June 2001 to August 2001

Time Coverage Comments:

Time period during which samples were collected. This study area was sampled at a much lower density during the National Geochemical Reconnaissance (NGR) lake sediment program carried out jointly by the Geological Survey of Canada and the Ontario Geological Survey during the late 1970's and early 1980's.

Progress: Complete

Data Maintenance Cycle: None Planned

Geographic completeness: 100% Complete

Access constraints: None

Use constraints:

Copyright

Except for the license granted herein, all right, title and interest in the Electronic Intellectual Property (EIP) in all languages, formats and media, including all copyrights therein are and shall continue to be the exclusive property of the Crown in right of Ontario.

Licence for Use

The MNDM grants to the Licensee a non-transferable, non-exclusive, limited-use Licence for the EIP. The Licensee may use and make copies of the EIP for its professional or non-commercial end-use only.

Restrictions on Use

Except as provided for in this Licence, no part of the EIP may be redistributed, sub-licensed, rented or leased, copied, published, disseminated or used, in any form or by any means other than for the Licensee's own professional or non-commercial end-use without the MNDM's prior written permission. Upon MNDM

written permission, the distribution of any Value-Added-Product (VAP) for sale, lease, loan or gift derived in whole or in part, in any format or media from MNDM EIP, shall first require the producer of the VAP to ensure that the recipient of the VAP has obtained a EIP End User Licence Agreement and a copy of the original EIP from which the VAP was derived. The recipient of the VAP EIP may purchase the original EIP directly from the MNDM or through the provider of the VAP (with monies remitted to the MNDM in favour of The Minister of Finance) so as to ensure that they are a licenced owner of the EIP. 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: Author(s), Year of publication, EIP title, OGS, EIP number: see example below

Burwasser, G.J. 1997. Quaternary geology, Sudbury, Sudbury Regional Municipality. Ontario Geological Survey, Map 2397 (vector)

The complete and entire EIP Agreement may be viewed at
http://www.geologyontario.mndm.gov.on.ca/terms_of_use.html

Authority/Requirement for holding: None

Keywords: Geochemistry, Surficial geochemistry, Lake sediment, Lake water, Limnology

Business Theme(s): Surficial media geochemistry

Native Data-set Processing Environment:

Distributed Data Formats:

Digital spreadsheet – Excel .XLS
Electronic document - (ASCII)
Data compressed into a self-extracting zip archive.

Retention Period: 0

GEOSPATIAL INFORMATION

Geographic Extent (Latitude - Longitude Boundary):

North Lat. : 49° 30' 00" N South Lat. : 48° 45' 00" N
West Long. : -90° 30' 00" W East Long. : -88° 30' 00" W

MAPPING INFORMATION:

Grid Coordinate System Used: Universal Transverse Mercator

Map Projection: Transverse Mercator

Horizontal Geodetic Datum: NAD27

Vertical Datum: Not Applicable

Position Accuracy of Features:

Horizontal: Reliable: +/- 100 m

Vertical: Not Applicable

DATA SOURCE INFORMATION

Data Source Type: Direct field collection of lake sediment samples

Source Contribution: Laboratory analysis of lake sediment samples

Source Currentness Reference: September 2001 to April 2002; time period of sample analysis

Other Compiled Data Source Information

Published Report

Originator Organization – Ontario Geological Survey, Ministry of Northern Development and Mines

Title – Lac des Iles-Black Sturgeon River Area Lake Sediment Survey: Operation treasure Hunt

Source Abbreviated Description and Acronym – Open File Report (OFR) 6096

Data Source Type: Direct measurement of lake water limnological parameters

Source Contribution: Multi-parameter water quality analyzer

Source Currentness Reference: June 2001 to August 2001; time period of sample collection

Data Source Type: Field observations recorded on standardized collection cards

Source Contribution: Geotechnical personnel contracted by OGS

Source Currentness Reference: June 2001 to August 2001; time period of sample collection

Other Compiled Data Source Information

Field note collection cards archived at OGS-MNDM Sudbury

Originator Organization – Ontario Ministry of Northern Development and Mines

Title and Acronym – Ontario Geological Survey – Sedimentary Geoscience Section

Source Abbreviated Description – Field note collection cards

Data Source Type: UTM co-ordinates

Source Contribution: Global Positioning System receiver

Source Currentness Reference: June 2001 to August 2001; time period of sample collection

Other Compiled Data Source Information

Raw GPS position files in Trimble (SSF) format, archived at OGS-MNDM Sudbury

Originator Organization – Ontario Ministry of Northern Development and Mines

Title and Acronym – Ontario Geological Survey – Sedimentary Geoscience Section

Source Abbreviated Description – Trimble GPS position files in SSF format

DISTRIBUTION

General Distribution Information:

Distribution Fees: one 3.5 " Diskette; \$25.00 plus applicable taxes.

Language: English

Transfer Format: Off-line

VIEW DATA

Sample Data:

CONTACTS

Author Contact:

Department: Ontario Geological Survey - MNDM

Contact: Richard Dyer - Geochemist

Phone: (705) 670-5916

Fax: (705) 670-5905

Email: richard.dyer@ontario.ca

Address:

Willet Green Miller Centre
933 Ramsey Lake Road, B7
Sudbury, Ontario, P3E 6B5

Distribution Contact:

Department: Publication Sales

Contact: Publications Sales Representative

Phone: (705) 670-5691

Fax: (705) 670-5770

Email: pubsales.ndm@ontario.ca

Address:

Willet Green Miller Centre
933 Ramsey Lake Road, B4
Sudbury, Ontario, P3E 6B5

Supplemental Information:

Metadata Date: Wednesday, August 14, 2002

Copyright 2002