

DOCUMENTS AND DATABASES OF THE GEOSCIENCE PUBLICATIONS AND INFORMATION SECTION

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COLLECTIONS

There are two geoscience document collections at the Geoscience Publications and Information Section:

- The Geofiles are a collection of documents pertaining to the geoscience of Newfoundland and Labrador and the immediate offshore region and include over 13 000 mineral-assessment reports, published reports and maps, open-file reports and maps, university theses, unpublished reports and maps.
- The Technical Library is a collection of over 10 500 documents referring to areas other than this Province and includes bound publications and maps by the Geological Survey of Canada and by other provincial, federal and international surveys, and current and back issues for journals and technical books.
- There is also a collection of slides, photos, negatives and videos pertaining mainly to mining and quarrying in this province.

DATABASES

The documents in the collections are described in several databases:

- The Geofiles database contains records (or descriptions) for about ninety percent of the documents in the Geofiles collection. Records are created for both monographic documents, e.g., each volume of Current Research, and analytical documents, e.g., each article within each volume of Current Research. Records can be searched through over a hundred different bibliographic, e.g., words in title, geographic, e.g., NTS values, and geological e.g., mineral name, information fields.
- The DRILL database contains short records for 23 000 drillholes from non-confidential geofiles.
- The Geological Survey MINLAND database contains short records for Mineral Lands properties and includes

a list of assessment reports related to each property. Since September 1998, the Geological Survey geofile number for any new mineral-assessment report (pertaining to licence property) has been added to the Mineral Lands Division Mineral Rights Database. Only records for those other property types (e.g., fee simple grant, Reid lots, charters, Quarry MEL) not currently included in the Mineral Rights Database, are now being added to the Geological Survey MINLAND database.

- The GSLib database contains short bibliographic records for about sixty-five percent of the documents in the Technical library collection.
- The Image database (begun 1998) now has descriptions for over 4000 images, which represent over fifty percent of the collection.
- The Geofiles2 database is new and was created to help manage the geofiles collection. It does not contain geoscience information.

Prior to 1996, the section maintained multiple card-files, written lists and WordPerfect files, each recording a different physical aspect of a group of geofiles, e.g., whether a geofile was microfiched, included transparencies, was borrowed, had the original stored off-site or included digital data. Beginning in 1996 (see Patey and Gillespie, 1997), the section used WordPerfect to key (with much assistance from Doreen Peavey, Bev Strickland and a variety of summer and co-op students) the various lists, card files, etc. Wordperfect files were then converted into batch entry files and loaded into seven mini databases on CDS/ISIS (DOS based).

The files were not loaded into a single database at the time because there was similar information on the different lists, but there was no time to compare each list with each card file. It has been easier to compare lists produced from databases than to compare the original lists, card files. These mini databases allowed us to better manage the geofiles collection, permitting us to quickly locate a transparency stored off-site and to prepare lists of geofiles borrowed by staff.

Fields <ul style="list-style-type: none"> - notes re changes in original geofile - notes re geofile - number of transparencies - location of transparencies - notes re problem with transparency - y if microfiche, number of copies onsite and offsite locations of microfiche duplicates - microfiche quality code - aisle, bay, shelf and carton location for offsite paper - notes re offsite paper problems - type of digital medium, number in that medium, location - name of current borrower - date borrowed - current borrower's section /group - notes re material borrowed if not full original paper geofile - date this record was last modified - geofile number 	Samples <p>moved from NFLD/0148 oversize 33 map Cabinet 16 maps numbered 1-21 are present but maps 22-68 are missing y 2 Pasadena</p> <p>KP=keep paper onsite a40 b04 s02 c01 geofile was not found at this offsite location 1998-10 2 3.5" diskettes in For Sale Area Jones, J. 1995-04-20 MIN Ms Brown has CD KAREN D 2000 08 30 T 11:46:04 002E/12/0030</p>
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This summer six of the mini databases were combined into a single Cuadra Star (Unix based) database. Some of the types of information in this database is exhibited in the table which follows.

ACCESS

The Geofiles2 database is searchable only by Publications and Information Section staff. A demonstration of the Geofiles, DRILL, MINLAND, GSLib and Image databases is available upon request. To search these databases, a client could call or visit the Geoscience Publications and Information Section. A search will be performed for the client, or during an in-house visit, the client may do the searching. There are help files and ample database descriptions with samples of report formats, to aid in searching. In-house staff can search any of these databases from their own personal computers in the Department of Mines and Energy offices at 50 Elizabeth Avenue.

The publications list is installed on the web at <http://www.geosurv.gov.nf.ca/publicationscatalogue/pubs1.html>. Notification of publications are put on the web in April, August and December if there are publications during the proceeding four months.

This summer the section began a project to make the Geofiles database searchable on the web. This database is now available online from <http://www.geosurv.gov.nf.ca/geofiles.html>.

REFERENCE

- Patey, C. and Gillespie, J.
1997: Documents and databases at the Geoscience Publications and Information Section, Geological Survey, Newfoundland. *In* Current Research. Newfoundland Department of Mines and Energy, Geological Survey, Report 97-1, pages 287-288.