

DOCUMENTS AND DATABASES OF THE GEOLOGICAL SURVEY OF NEWFOUNDLAND AND LABRADOR

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There are two geoscience document collections at the Geoscience Publications and Information Section of the Geological Survey of Newfoundland and Labrador. These are the *Geofiles* and the *Technical Library*.

- The *Geofiles* are a collection of documents pertaining to the geoscience of Newfoundland and Labrador and the immediate offshore region, and include over 13 500 mineral-assessment reports, published reports and maps, open-file reports and maps, university theses, and unpublished reports and maps.
- The *Technical Library* is a collection of over 11 000 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 (Image database).

Databases

The documents in the collections are described in several databases.

The *Geofiles* database contains records, i.e., 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 100 different bibliographic, geographic and geological information fields.

This year, with financial support from the Canadian Geoscience Knowledge Network (CGKN) through the Targeted Geoscience Initiative of Natural Resources Canada, a cartographer was employed to record precise geographic coordinates for the mineral-exploration work described in the assessment reports in the Geological Survey of Newfoundland and Labrador's geofiles collection. Coordinates were plotted for about 500 of the 6000 reports in the collec-

tion. The ultimate goal is to create a GIS layer for searching the Geofiles database.

- The *Recent* database contains minimal information to identify each mineral-exploration assessment report received from the Mineral Lands Division of the Department of Mines and Energy since 1996. As soon as the Geoscience Publications and Information Section receives a report, the following information is added to the database: Mineral Rights property name and number, confidential release date, main exploration company, NTS area(s) and an assigned Geofile number.
- The *Drill* database contains summary records for 24 000 drillholes from non-confidential geofiles. During the past summer, the database structure was revised significantly and records for over 1000 newer drillholes were added to the database.
- The Geological Survey *MinLand* database contains a short record for each Mineral Lands property 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 grants, Reid lots, charters, Quarry MEL) not currently included in the Mineral Rights Database, are now being added to the *MinLand* database. One quarter of the records in this database pertain to these other property types.
- The *GSLib* database contains short bibliographic records for about sixty-five percent of the documents in the Technical Library collection. This year records for over 300 new and older documents were added to the database.
- The *Image* database has descriptions for over 4200 images, which represent over fifty percent of this collection. This past summer, records were created for most of the educational slide sets; these records will be edited and loaded into the database in the coming months.

- The *Geofiles2* database, created in 2000, contains information about the physical aspects of the documents in the geofiles collection, e.g., whether a document includes transparencies and/or digital data, where the original paper, transparencies, digital and microfiche are stored, and who has borrowed the document.

Access

The *Geofiles* database is searchable on the internet from <http://www.geosurv.gov.nf.ca/geofiles.html>

The *Geofiles*, *Recent*, *Drill*, *MinLand*, *GSLib* and *Image* databases are available for searching in-house. To search these six databases, a client would 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 on-line help files and ample database descriptions with samples of report formats, to aid in searching. In-house staff can search any of these six databases from their own personal computers in the Department of Mines and Energy offices at 50 Elizabeth Avenue, St. John's. The *Geofiles2* database is searchable only by Geoscience Publications and Information Section staff.

The publications and open files of the Geological Survey and its predecessor organizations are described in the "Publications Catalogue" which is displayed on the internet at <http://www.geosurv.gov.nf.ca/pubcat/pubs1.html>. "Notifications" of new publications and open files are compiled in April, August and December if there were several publications during the preceding four months. These notifications are mailed and are also posted on the internet.