

DOCUMENTS AND DATABASES OF THE GEOLOGICAL SURVEY OF NEWFOUNDLAND AND LABRADOR

C. Patey and C. Saunders
Geoscience Publications and Information Section

COLLECTIONS

There are two main 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over 13 800 mineral-assessment reports, published reports and maps, open-file reports and maps, university theses, and unpublished reports and maps.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.

DATABASES

The documents in the collections are described in several databases.

The *Geofiles* database contains over 20 000 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.

- The *Recent* database contains over 2200 records with minimal information to identify each new mineral-exploration assessment report received from the Mineral Lands Division of the Department of Mines and Energy, since 1996. When 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 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, mining leases, 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 *Drill* database contains summary records for 24 700 drillholes from non-confidential geofiles. In 2002, it was decided that no additions or modifications will be made in this database until more resources can be put into this project.
- The *Geofiles2* database 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. In the summer of 2002, new report formats were created to merge data from the *Geofiles* and the *Geofiles2* databases to improve access to the collection.
- The *GSLib* database contains short bibliographic records for about 65 percent of the documents in the Technical Library collection.
- The *Image* database has descriptions for over 4200 images, which represent over fifty percent of this collection. No new records were added to this database this year.

ACCESS

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

A GIS layer for searching the *Geofiles* database was added to the Geoscience Resources Atlas in the fall of 2002 and is available online at <http://www.geosurv.gov.nf.ca>. The polygon coordinates for licence property, which were created for the GIS layer for the Mineral Rights database, will be used to identify mineral-assessment reports in the *Geofiles* database. The polygon coordinates for the areas described in other documents, e.g., non-licence mineral-assessment reports, government publications, and university theses, were calculated from the NTS values assigned to the *Geofile* record for these documents.

The *Geofiles*, *Recent*, *MinLand*, *Drill*, *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 at http://www.gov.nf.ca/mines&en/geol&min_pub.htm.