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## MINERAL INVENTORY

(Project 1, Canada-Newfoundland Mineral Exploration & Evaluation Program)

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The objective of the Mineral Inventory project is to provide a readily accessible file, in index card form, summarizing all available information on known mineral occurrences in the province. The project was begun in late 1971 and to date 2500 mineral occurrences have been included.

Two cards, illustrated in Figures 1 and 2, are used to record data on each occurrence. One card (Fig. 1) records the location and available references on the occurrence, plus a summary of its exploration, development and production history. This card is the same as that used for the Mineral Inventory of Canada and copies are filed with the Department of Energy, Mines and Resources for inclusion in the national inventory. The second card (Fig. 2) summarizes all available geoscientific data.

The locations of all occurrences included in the file thus far have been plotted on 1:50,000 or 1:250,000 scale topographic maps. However, inventory cards have been completed for only about 1200 of these. For the remaining 1300 reported occurrences little or no data beyond locations and main minerals present are available.

At present the inventory cards are filed according to N.T.S. area and, within these areas, according to principal mineral commodities. The cards are cross-referenced by property name, principal commodity and N.T.S. area. The limited amount of cross-referencing at present restricts retrieval of data from the file. However, it is planned to make retrieval considerably more thorough and efficient by including the file in Canadian Index for Geoscience Data (see Fogwill and Missan, this report).

PRODUCT	PROVINCE OR TERRITORY	N.T.S. AREA	REF.
NAME OF PROPERTY		HISTORY OF EXPLORATION AND DEVELOPMENT	
LOCATION <div style="display: flex; justify-content: space-between;"> <span>Let.</span> <span>Long.</span> </div> <div style="display: flex; justify-content: space-between;"> <span>Mining Division</span> <span>District</span> </div> <div style="display: flex; justify-content: space-between;"> <span>County</span> <span>Township or Parish</span> </div> <div style="display: flex; justify-content: space-between;"> <span>Lot</span> <span>Concession or Range</span> </div> <div style="display: flex; justify-content: space-between;"> <span>Sec.</span> <span>Tp.</span> <span>R.</span> </div>			
OWNER OR OPERATOR AND ADDRESS			
DESCRIPTION OF DEPOSIT			
Associated minerals or products of value			
HISTORY OF PRODUCTION		REFERENCES	
MAP REFERENCES			
REMARKS			

Fig. 1

PRODUCT	PROVINCE	N.T.S. AREA	REF			
NAME OF PROPERTY	STRUCTURE OF DEPOSIT					
STATUS				Size	Length Width Thickness	
TYPE OF DEPOSIT				Attitude	Strike Dip Plunge	
MINERALOGICAL COMPOSITION Ore Minerals Gangue Minerals	Shape					
NATURE OF MINERALIZATION	STRUCTURAL FEATURES AND SETTING					
AGE OF MINERALIZATION						
HOST ROCKS Rock Types Age Stratigraphic Unit Well Rock Alteration						
METAL/MINERAL CONTENT	TECTONIC ENVIRONMENT					
RESERVES AND PRODUCTION	ORE GENESIS					
GEOPHYSICAL EXPRESSION						
GEOCHEMICAL EXPRESSION	REMARKS					
PHYSIOGRAPHIC SETTING						

Fig. 2