

MINERAL OCCURRENCE DATA SYSTEM (MODS)

by

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Information regarding the geology or history of exploration work on a mineral property is often required by many different users over a long period. The compilation of this data is further complicated by ever changing conditions such as mineral supply and demand, price, new exploration ideas and ownership changes. Mineral deposit data therefore, being voluminous, diverse and of recurrent and varied nature are natural candidates for computerization.

The Mineral Occurrence Data System (MODS) is a computer processable file containing information on the mineral occurrences of the Province. The major categories under which information is collected on the mineral occurrences are:

1. LOCATION
2. NAME AND OWNERSHIP
3. DESCRIPTION OF DEPOSIT
4. GEOLOGICAL SETTING
5. EXPLORATION AND DEVELOPMENT
6. BIBLIOGRAPHY

So far the following areas have been documented and the information on the mineral occurrences computerized:

INSULAR NEWFOUNDLAND

1. NTS 12B (Stephenville Sheet)

2. NTS 2E (Botwood Sheet)
3. NTS 12H (Sandy Lake Sheet)
4. NTS 12I (Port Saunders Sheet)
5. NTS 12P (Blanc-Sablon Sheet)
6. NTS 2L (Port Saunders Sheet)
7. NTS 2M (St. Anthony Sheet)

LABRADOR

1. NTS 13K (Seal Lake Sheet)
2. NTS 14C (Nain Sheet)

Presently, four areas are being worked on. They are:

1. The Central Mineral Belt (13J, 13O)
2. The Labrador Trough (23J, 23O)
3. Central Mobile Belt (12A)
4. The Avalon Zone (1N, 1K)

Mineral occurrence maps (1:250,000) have been produced for the following areas:

1. NTS 12B (Stephenville Map Sheet)
2. NTS 2E (Botwood Map Sheet)
3. NTS 14C (Nain Map Sheet)

Approximately 65% of the Province's mineral occurrences have been documented. It is planned to have the Province covered by March, 1983.