

LIST OF AVAILABLE PUBLICATIONS, MAPS, AND OPEN FILES

PUBLICATIONS

Bulletin 37	Geology of the Cobb's Arm Area, New World Island, Newfoundland, by Ian Mck. Harris, 1966. \$1.00
Bulletin 38	Bibliography of the Geology of Newfoundland and Labrador 1814-1968, by J. Butler & G. Bartlett, 1969. \$2.00
Mineral Resources Report 2	Peat Resources of Newfoundland, by F. Pollett, 1968. \$2.00
Mineral Resources Report 3	Petroleum Exploration in Newfoundland and Labrador, by J.M. Fleming, 1970. \$2.00
Geological Report 15	Geology of St. Catherines (East Half) Map Area (1N/3 E½) Newfoundland, by W.J. Mullins, 1970. \$1.00
Information Circular 4	Mines and Mineral Resources of Newfoundland, by A.K. Snelgrove (Revised and Rewritten by D.M. Baird), 1953. \$1.00
Information Circular 13	Map Index, Geological, Geophysical and Related Maps of Newfoundland and Labrador, by W.J. Mullins, W.D. Fogwill and B.A. Greene, 1969. \$1.00
Information Circular 14	Mineral Deposits and Prospecting Environments in Newfoundland, by W.D. Fogwill, 1970. \$1.00
Information Circular 15	An Outline of the Geology of Labrador, by B.A. Greene, 1974. \$2.00

REPORT 74-1	Report of Activities for 1973.	
REPORT 74-2	Limestone Resources of Newfoundland and Labrador, by J.R. DeGrace, 1974.	\$2.00
REPORT 74-3	Geochemistry of Eastern Newfoundland Granitoid Rocks, by D.F. Strong, W.L. Dickson, C.F. O'Driscoll and B.F. Kean, 1974.	\$2.00
REPORT 75-1	Report of Activities for 1974.	
REPORT 75-2	Regional and Detailed Geochemical Exploration Studies in Glaciated Terrain in Newfoundland, by E.H.W. Hornbrook, P.H. Davenport and D.R. Grant, 1975.	\$2.00
REPORT 75-3	Drift Prospecting and Glacial Geology in the Sheffield Lake-Indian Pond Area, North-Central Newfoundland, by D.W. Alley and R.M. Slatt, 1975.	\$2.00
REPORT 75-9	Stream Sediment Geochemical Survey for Zinc and Lead Mineralization, Port au Port Area, Western Newfoundland, by P.H. Davenport, A.J. Butler & J.G. McArthur, 1975.	\$3.50
REPORT 76-1	Report of Activities for 1975.	
REPORT 76-2	Silica Resources of Newfoundland, by A.J. Butler and B.A. Greene, 1976.	\$3.00
REPORT 76-3	Geology of the Nippers Harbour Map-Area (2E/13), Newfoundland, by J.R. DeGrace, B.F. Kean, E. Hsu and T. Green, 1976.	\$5.00

REPORT 76-4                      Geology of the St. Alban's Map-Area,  
Newfoundland (1M/13), by S.P. Colman-Sadd,  
1976.                      \$2.50

REPORT 76-5                      Geology of the Rose Blanche Map-Area  
(11 0/10), Newfoundland, by P.A. Brown,  
1976.                      \$2.50

Rocks, Minerals and Scenery of Newfoundland, by D.M. Baird, 1957.  
\$0.35

Report of the Royal Commission on Mineral Revenue, 1975.                      \$2.00

Limestone - Dolomite Evaluation, Project 4-1, Dolomite Deposits  
of the Port au Port Peninsula, by D.M. Besaw, 1974.                      \$2.00

Summary Report on the Julianne Lake Iron Deposit, Labrador, 1975.  
\$2.00

#### MAPS

Mines and Mineral Occurrences Map of the Island of Newfoundland,  
by W.D. Fogwill, 1965.                      \$0.50

Geological Map of Newfoundland (Island) G.S.C. Map 1231A, by H.  
Williams, 1:1,000,000 (Coloured), 1967.                      \$1.00

Geological Map of Labrador, by B.A. Greene, 1:1,000,000 (Coloured),  
1970.                      \$3.00

Geology of the Harbour Breton Sheet, Fortune Bay, Southern  
Newfoundland, 1M/5, by B.A. Greene, 1:50,000, 1975.                      \$2.00

Geology of the Codroy Area, Southwestern Newfoundland, Parts of  
110/14, 12B/3 & 12B/2, by I. Knight, 1:50,000, 1975.                      \$2.00

Geology of the St. Alban's Sheet, Bay D'Espoir, Southern  
Newfoundland, 1M/13, by S.P. Colman-Sadd, 1:50,000, 1975.                      \$2.00

#### OPEN FILES

OPEN FILE:    NFLD 708                      Davenport, P.H., Hornbrook, E.H.W. and  
Butler, A.J.  
Geochemical Lake Sediment Survey for Zn  
and Pb Mineralization over the Cambro-  
Ordovician Carbonate rocks of Western  
Newfoundland, 1974.                      \$21.00

Data Listing and Index Maps for above.  
\$9.80

OPEN FILE: NFLD 785 Davenport, P.H. and Butler, A.J.  
Geochemical Stream and Lake Sediment  
Surveys of the Eastern Part of the  
Burlington Peninsula, Nfld., 1975. \$15.00

OPEN FILE: NFLD 786 Vanderveer, D.G. and Squires, D.L.  
Newfoundland and Labrador Index of Glacial  
and Surficial Geomorphological Mapping,  
1975. \$1.60

OPEN FILE: NFLD 787 McArthur, J.G., Davenport, P.H. and  
Howse, A.F.  
A Geochemical Reconnaissance Survey of  
the Carboniferous Codroy-Bay St. George  
Basin, 1975. \$25.00

Additional Set of 4 Sample Location Maps.  
\$2.00

OPEN FILE: NFLD 789 Vanderveer, D.G., Preliminary Report on a  
Reconnaissance Survey of Newfoundland  
Clay Deposits, 1975. \$6.00

OPEN FILE: 2E/13 (312) Butler, A.J. and Howse, A.F.  
Evaluation of the La Scie Quartz Vein,  
Burlington Peninsula, Newfoundland, 1975.  
\$4.00

OPEN FILE: NFLD 876 McArthur, J.G., Davenport, P.H. and  
Howse, A.F.  
A Geochemical Reconnaissance Survey of the  
Carboniferous Codroy-Bay St. George Basin,  
Newfoundland: Part II; Barium, Strontium  
and Manganese in Stream Sediments, 1975.  
\$7.50

OPEN FILE: NELD 12/B192 McArthur, J.G., Davenport, P.H. and  
Butler, A.J.  
Barium and Strontium Distributions in  
Stream Sediments, Port au Port Peninsula,  
Western Newfoundland, 1975. \$3.00

OPEN FILE: NFLD 879 Davenport, P.H., Butler, A.J. and  
Howse, A.F.  
A Lake Sediment Geochemical Reconnaissance  
Survey over the Harbour Main Group and  
Bull Arm Formation, Avalon Peninsula,  
Newfoundland, 1975. \$6.00

OPEN FILE: NFLD 880 Davenport, P.H. and Butler, A.J.  
The Distributions of Cu, Pb, Zn, Co, Ni,  
Ag, Mo and U in Lake Sediment Over Parts  
of the Great Northern Peninsula, Newfound-  
land, 1976. \$8.50

OPEN FILE: NFLD 887 Fogwill, W.D., Hawkins, V.  
Bibliography of the Geology of Newfound-  
land and Labrador 1969 to 1974, 1976.  
\$18.00

OPEN FILE: 1N (232) Vanderveer, D.  
The Surficial Geology of the St. John's  
Area, with Special Emphasis on the Gravel  
Resources, 1976. \$4.00

OPEN FILE: NFLD 893 Davenport, P.H., Butler A.J. and  
Howse, A.F.  
The Distributions of Arsenic, Molybdenum  
and Fluorine in Lake Sediment on the  
Eastern Part of the Burlington Peninsula,  
Newfoundland, 1976. \$5.00

OPEN FILE: NFLD 894 Davenport, P.H. Butler, A.J. and  
Howse, A.F.  
A Geochemical Lake Sediment Survey over  
the Harbour Main Group and Bull Arm  
Formation, Avalon Peninsula, Newfoundland.  
Part II; Distributions of Residual Zn, Co,  
Ag, As and F, 1976. \$11.50

OPEN FILE: 12A/6 (165) Kean, B  
Geology, Victoria Lake Map-Area (12A/6),  
Nfld., 1976. \$2.00

OPEN FILE: 1M/12 (139) Greene, B.A. and O'Driscoll, C.F  
Geology, Gaultois Map Area (1M/12), Nfld.  
1976. \$2.00

OPEN FILE: NFLD 895 Strong, D.F., O'Brien, S.J., Strong, P.G.,  
Taylor, S.W. and Wilton, D.H.  
Geology of the St. Lawrence and Marystown  
Map Sheets (1L/14, 1M/3), Newfoundland,  
1976. \$5.00

OPEN FILE: NFLD 904 Davenport, P.H. and Butler, A.J.  
Uranium Distribution in Lake Sediment in  
Western Nfld. and the Avalon and  
Burlington Peninsulas, 1976. \$10.00

OPEN FILE: 12B/3 (199) Map 7684, Knight, I.  
Geology, Little Friars Cove, Scale  
1:50,000, 1976. \$5.00

OPEN FILE: 110/15 (61) Map 7685, Knight, I.  
Geology, Grandys Lake, Scale 1:50,000,  
1976. \$5.00

OPEN FILE: NFLD 906 Davenport, P.H., and Butler, A.J.  
Uranium Distribution in Stream Sediment  
in the Codroy-Bay St. George Area, Nfld.,  
1976. \$2.50

OPEN FILE: LAB 342 (consists of 1 clear plastic overlay map  
only): Age Date Map of Labrador, Map  
764 (scale 1:1,000,000) by W.R. Smyth,  
1976. \$20.00

The following mineral occurrence maps are produced on clear plastic film at a scale of 1:1,000,000 and are intended to be used as overlays on the Geological map of Newfoundland (Williams, 1967, G.S.C. map 1231A) and the Geological map of Labrador (Greene, 1970). They show the locations of approximately 2500 mineral occurrences, prospective producers, mines and past producers. The maps are accompanied by 2 sets of Mineral Occurrence Tables, which give the map number, name, commodities, minerals, host rock, history, reserves, production, and remarks in abbreviated form for each occurrence or mine. The tables also give specific references to the Mineral Development Division's Mineral Inventory Card Information System, which has 4-page summaries and references on approximately 1200 mineral occurrences, as well as an explanation of the numbering system used on the maps.

OPEN FILE: NFLD 888 (consists of 2 overlay maps plus tables):  
Metallic Mineral Occurrences of Newfoundland, Map 762. Non-Metallic Mineral Occurrences of Newfoundland, Map 763. Mineral Occurrence Tables for Newfoundland, by C. Douglas and E. Hsu, 1976. \$25.00

OPEN FILE: LAB 326 (consists of 1 overlay map plus tables):  
Mineral Occurrences Map of Labrador, Map 761. Mineral Occurrence Tables of Labrador, by C. Douglas and E. Hsu, 1976. \$25.00

Preliminary mineral occurrence maps are also available as blackline prints at a scale of 1:250,000. These maps depict the same occurrences as the 1:1,000,000 scale overlay maps but show the locations in greater detail. The base for these maps is screened geology from the G.S.C. Four Mile Geological Maps, where available. The maps may be purchased individually or in sets. If the overlay maps are purchased, the accompanying tables will also serve for the 1:250,000 scale maps. If the overlay maps are not purchased, it is necessary to order the corresponding portion of tables for specific 1:250,000 scale maps.

PRICE: Individual Maps \$2.00

Set of 22 Newfoundland Mineral Occurrence Maps (without tables) \$35.00; (with tables) \$45.00

Set of 23 Labrador Mineral Occurrence Maps (without tables) \$35.00; (with tables) \$45.00

OPEN FILE: NFLD 944     Davenport, P.H., Butler, A.J., and  
                             Dibbon, D.  
                             Uranium distribution in lake sediments  
                             on the Burin Peninsula, Newfoundland,  
                             1976.             \$2.00

OPEN FILE: NFLD 945     Davenport, P.H. and Butler, A.J.  
                             Uranium distribution in stream sediments  
                             on the eastern part of the Burlington  
                             Peninsula, Newfoundland, 1976.         \$2.00

NOTE:         Prepayment is required for any publication for which we  
                     charge a fee; however, in exceptional cases,  
                     publications may be sent out with an invoice enclosed.  
                     The invoice will be prepared by the Accountant. Payment  
                     to be made to the Newfoundland Exchequer Account.

- \* Persons purchasing these publications within the  
Province of Newfoundland and Labrador are liable for  
10% sales tax.

---

The following recent works, not published by or for the  
Mineral Development Division, deal with subjects upon which the  
authors have been engaged (Division authors underlined). Reprints  
may be available from the respective authors.

Blackwood, R.F., 1976, The Relationship between the Gander and  
Avalon Zones in the Bonavista Bay Region, Newfoundland, Unpubl.  
M.Sc. thesis, Memorial University of Newfoundland, St. John's,  
Nfld.

Blackwood, R.F., 1976, The southeastern margin of the Canadian  
Appalachians: Some major elements, Abstr. with Programs, Geol.  
Soc. Amer., Eleventh Ann. Meet. (Northeastern Section) and  
twenty-fifth Ann. Meet. (Southeastern Section), Arlington,  
Virginia, March 25-27, 1976, p.138 (Abstract).

Blackwood, R.F. and O'Driscoll, C.F., 1976, The Gander-Avalon  
Zone Boundary in Southeastern Newfoundland, Can. J. Earth Sci.,  
V.13, p.1155-1159.



- Brown, P.A., and Colman-Sadd, S.P., 1976, Hermitage Flexure: Figment or fact? *Geology*, V.4, p.561-564.
- Gibbons, R.V., Horz, F., Morris, R.V., and Brownlee, D.E., 1976, Meteoritic metal fractionation in terrestrial impactites, *Lunar Sci.* VII, p.284-286.
- Gibbons R.V., Horz, F., Thompson, T.D., and Brownlee, D.E., 1976, Metal spherules in Wabar, Monturaqui, and Henbury impactites, *Proc. Lunar Sci. Conf.* 7th, p.863-880.
- Gibbons, R.V., Horz, F., and Schaal, R.B., 1976, Microprobe analyses of a single agglutinate, *Lunar Sci.* VII, p.287-289.
- Gibbons, R.V., Horz, F., and Schaal, R.B., 1976, The chemistry of some individual lunar soil agglutinates, *Proc. Lunar Sci. Conf.* 7th, p.405-422.
- Gibbons, R.V., and Ahrens, T.J., 1977, Effects of shock pressures on calcic plagioclase, *Physics & Chemistry of Minerals* 1, p.
- Horz, F., Gibbons, R.V., Hill, R.E., and Gault, D.E., 1976, Large scale bombardment history of lunar highlands: A Monte Carlo model, *Lunar Sci.* VII, p.381-383.
- Horz, F., Gibbons, R.V., Hill, R.E., and Gault, D.E., 1976, Large scale cratering of the lunar highlands: Some Monte Carlo model considerations, *Proc. Lunar Sci. Conf.* 7th, p.2931-2945.
- Kieffer, S.W., Schaal, R.B., Gibbons, R.V., Horz, F., Milton, D.J., and Dube, A., 1976, Shocked basalts from Lonar Impact Crater, India, and experimental analogues, *Proc. Lunar Sci. Conf.* 7th, p.1391-1412.
- Rast, N., Kennedy, M.J., and Blackwood, R.F., 1976, Comparison of some tectonostratigraphic zones in the Appalachians of Newfoundland and New Brunswick, *Can. J. Earth Sci.*, 13, pp.868-875.

Rast, N., O'Brien, B.H., and Wardle, R.J., 1976, Relationships between Precambrian and Lower Paleozoic rocks of the 'Avalon Platform' in New Brunswick, the northeast Appalachians and the British Isles, Tectonophysics, V.30, p.315-338.

Schaal, R.B., Horz, F., and Gibbons, R.V., 1976, Microprobe analyses of micrometeoroid impact glasses, Lunar Sci. VII, p.764-766.

Schaal, R.B., Horz, F., and Gibbons, R.V., 1976, Shock metamorphism in six glass-lined lunar microcraters, Proc. Lunar Sci. Conf. 7th, p.1039-1054.

Smyth, W.R. and Kennedy, M.J. (in press): Taconic imbricate structure below the Hare Bay Allochthon, Northern Newfoundland, Can. J. Earth Sci.

Williams, H. and Smyth, W.R. (in press): The Hare Bay Allochthon, Newfoundland, Geol. Surv. Canada, Rept. and Map.