MINERAL DEVELOPMENT DIVISION
DEPARTMENT OF MINES AND ENERGY
GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

1:50,000 12 H/7

## LEGEND

**SILURIAN-DEVONIAN**

| 4 | WILD COVE POND IGNEOUS COMPLEX Unseparated biotite + hornblende + quartz diorite, granodiorite, porphyritic (feldspar) biotite granite, aplitic and pegmatitic dikes, minor biotite - muscovite granodiorite and minor monzonite, quartz syenite, and gabbro, 4a, dominantly medium to coarse grained equigranular to feldspar porphyritic pink biotite granite, 4b, dominantly medium grained equigranular muscovite + biotite granodiorite, locally garnetiferous, 4c, dominantly medium to coarse grained biotite + hornblende granodiorite, locally feldspar porphyritic, 4d, dominantly gray-green biotite + hornblende + quartz diorite, locally feldspar porphyritic, 4e, contact migmatite, includes hybrid gneisses and local agmatite |

**EOCAMBRIAN TO MIDDLE ORDOVICIAN**

FLEUR DE LYS SUPERGROUP (1, 2)

| 2 | Unseparated psammitic, semipelitic, garnetiferous semipelitic, graphitic and mafic schist, 2a, mainly mafic schist and amphibolite |

| 1 | WHITE BAY GROUP Unseparated quartz-biotite semipelitic, pelitic and graphitic schist with interlayered psammitic, garnetiferous semipelitic and mafic schist, minor marble, 1a, mainly marble, 1b, mainly graphitic schist, 1c, *Oody Mountain Amphibolite*. Gray green amphibolite with local relict diabasic texture, includes large screens of granitic gneiss (Grenvillian?) |

| 3 | ADVOCATE COMPLEX Serpentinized ultramafic rock, remnants of an ophiolite, 3a, xenoliths of recrystallized ultramafic rock within unit 4, minor metagabbro |

## SYMBOLS

Geological boundary (defined, approximate, assumed, gradational)

Bedding, tops known (inclined, overturned)

Bedding, tops unknown (inclined, vertical)

Foliation in igneous rock, primary or tectonic (inclined, vertical)

*Primary observed schistosity (inclined, vertical)

*Secondary observed schistosities (inclined, vertical)

*These symbols represent only relatives ages of schistosities as observed in individual outcrops, regional absolute ages not inferred. x next to symbol in unit 4 indicates schistosity in a xenolith

Gneissic foliation (inclined)

Axes of minor folds related to secondary schistosities (plunging)

Fault (defined, approximate, assumed)

Dikes, sills or pods

Lineament (from air photographs)

Glacial striae (direction of ice movement known)

End moraine

Drumlins, drumlinoid ridges (direction of ice movement known, unknown)

Esker

Mineral occurrence ×

### MINERAL ABBREVIATIONS

Asbestos . . . . . . . . . . asb

Geology by J. Hibbard, W Muggridge and J Gagnon (1979), glacial geology largely compiled from Grant (1973)

Stratigraphic units used on this map will be formalized and described in a forthcoming memoir on the geology of the Baie Verte Peninsula (Hibbard, in prep ).

Geological cartography by Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador

Copies of this map may be obtained from the Publications and Information Section, Mineral Development Division, Department of Mines and Energy, P O Box 4750, St. John's, Newfoundland A1C 5T7

Base map at same scale published by the Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa, 1971

Elevations in feet above mean sea level

Approximate magnetic declination, 1969, for centre of map, 28° 49′ west, decreasing 3 1′ annually

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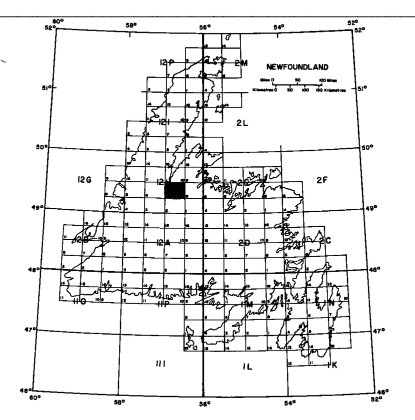
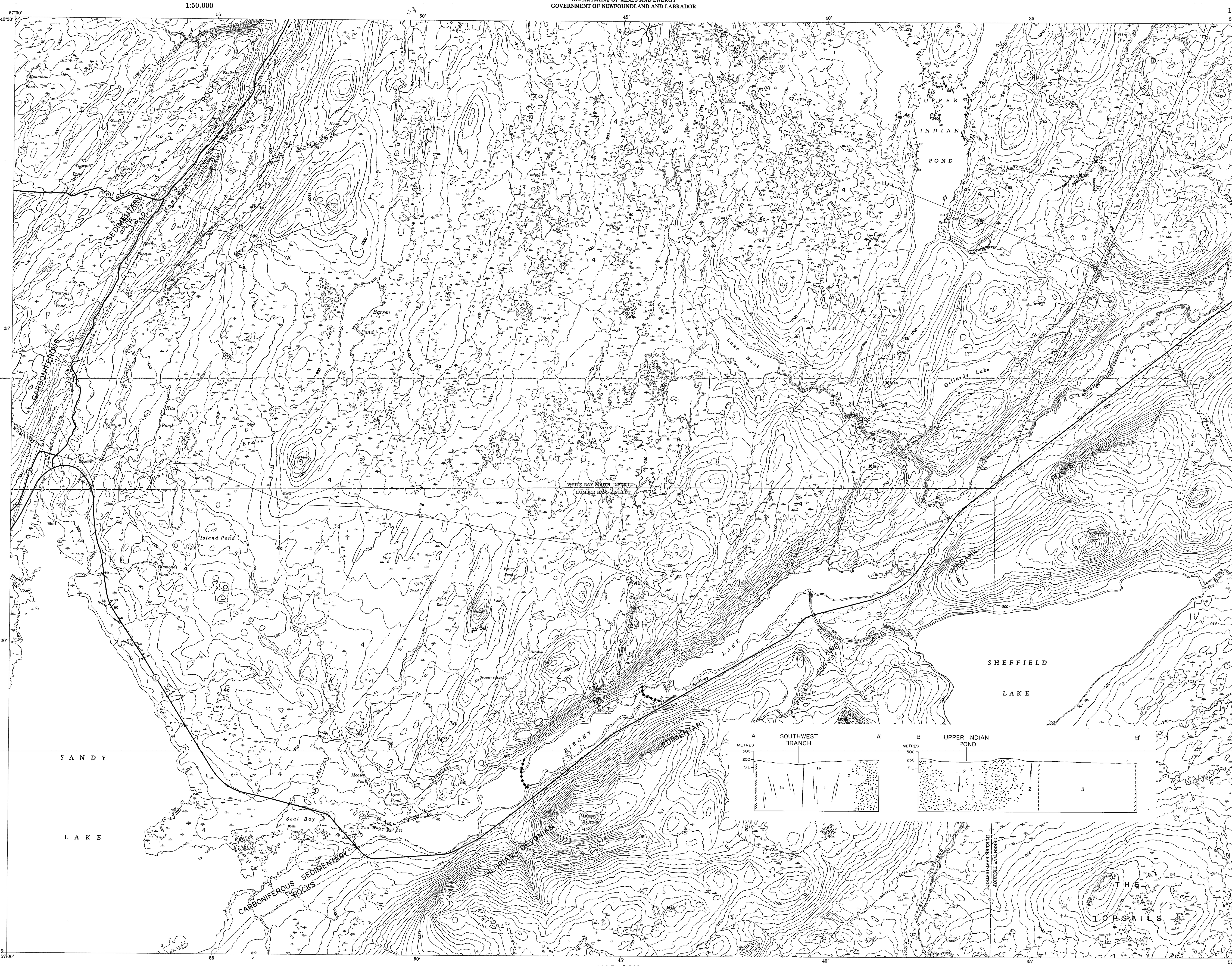


INDEX MAP




Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES
Updated from aerial photographs taken in 1966 Culture check 1970 Printed 1972

| Roads | Routes | | |
|---|---|---|---|
| hard surface all weather | pavee toute saison | dual highway / 2 chaussées séparées | more than 2 lanes / plus de 2 voies |
| hard surface, all weather | pavee toute saison | 2 lanes / 2 voies | less than 2 lanes / moins de 2 voies |
| loose or stabilized surface all weather | gravier aggloméré toute saison | 2 lanes or more / 2 voies ou plus | less than 2 lanes / moins de 2 voies |
| loose surface, dry weather and unclassified streets | de gravier temps sec et rues hors classe | | |
| cart track | de terre | | |
| trail or portage | sentier ou portage | | |

# MAP 8010
# SHEFFIELD LAKE
## NEWFOUNDLAND

Scale 1:50,000 Échelle

Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Mètres
Yards 1000 0 1000 2000 3000 4000 Verges

CONTOUR INTERVAL 50 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

12 H/7

K+E Hughes-Owens 313 1102
REF. or DRAWING No. 8010
DETAILS SHEFFIELD LAKE
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