

LEGEND

(NOTE: Not all units appear on this map)

- CARBONIFEROUS**
 - 23 Sherburne Formation: red to brown-conglomerate and sandstone
 - SILURIAN AND DEVONIAN**
 - 22 Medium to coarse-grained biotite granite
 - 21 Overflow Pond Granite: coarse grained, locally garnetiferous, two-mica granite
 - 20 20a, medium to coarse-grained gabbro; 20b, medium to coarse-grained diorite; 20c, medium to coarse-grained quartz monzonite
 - 19 Red micaceous sandstone (equivalent to the Botwood Group)
 - SILURIAN**
 - BOYWOOD GROUP**
 - 18a, red and grey-green, (in places cross bedded, ripple marked and mud cracked) micaceous sandstone, siltstone and conglomerate; minor calcareous rocks; 18b, altered, cream green, locally flow banded, felsic, vitro-crystal tuff
 - 17 Ruggison Lake Conglomerate: grey to red conglomerate and red, locally micaceous and cross bedded, arkosic sandstone
 - LATE ORDOVICIAN - EARLY SILURIAN**
 - 16 Sandstone and minor conglomerate, siltstone, chert, and argillite; 16a, fine to coarse-grained sandstone, minor conglomerate, siltstone, chert and argillite; 16b, pebbles to cobble conglomerate and minor sandstone and siltstone
 - MIDDLE ORDOVICIAN**
 - 15 Black shale and minor siliceous slate, chert, argillite, and greywacke
 - ORDOVICIAN AND OLDER** (Units 7-10 appear on NTS 12A/10 and Units 11-14 appear on NTS 12A/09)
 - BUCHANAN GROUP (Unit 10)**
 - 10a, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 9a, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 9b, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 8a, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 7a, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 6a, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - Center Lake Formation:** 14a, quartz porphyry, quartz-feldspar-crystal tuff, quartz porphyry, felsic tuff and rhyolite; 14b, mafic pillow lava and breccia
 - 13a, green to grey, phyllite, siltstone and sandstone with minor pebble conglomerate, black shale and sulfurous beds; 13b, grey, psammite to argillite, sandstone, quartzite and mica schist
 - 12a, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11a, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11b, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11c, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11d, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11e, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11f, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11g, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11h, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11i, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11j, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11k, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11l, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11m, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11n, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11o, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11p, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11q, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11r, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11s, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11t, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11u, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11v, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11w, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11x, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11y, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
 - 11z, mafic tuff, agglomerate, pillow lava and breccia, minor felsic tuff and porphyry, all containing thin red chert interbeds
- VICTORIA LAKE GROUP (Units 2-6)**
 - MIDDLE ORDOVICIAN**
 - 4 Victoria Bridge sequence: green tuff and greywacke; 4a, tuff
 - 5a, tuff, argillite and epistatic volcanic sandstone; 5b, argillite, shale, sandstone and greywacke; 5c, greywacke and minor pebble conglomerate; 5d, argillite and argillite; 5e, siltstone, chert, minor greywacke and pebble conglomerate; 5f, black shale, locally granitoid
 - LOWER ORDOVICIAN**
 - 3 Tully Hill volcanic rocks: 3a, felsic tuff, argillite, quartz-feldspar-crystal tuff, quartz porphyry and porphyry; 3b, mafic tuff, agglomerate, pillow lava and breccia; 3c, mafic tuff, agglomerate and pillow lava (3c, upper basal)
 - CAMBRIAN**
 - 2 Tully Pond volcanic rocks: 2a, felsic tuff, breccia, porphyry and crystal tuff and rhyolite; 2b, Sandy Lake sequence; 2c, mafic tuff, agglomerate, pillow lava and breccia; 2d, mafic tuff, agglomerate and pillow lava (2d, upper basal)
- PRECAMBRIAN**
 - 1 Cripple Back Lake Quartz Monzonite: 1a, medium to coarse grained, locally porphyritic quartz monzonite and granodiorite; 1b, medium to coarse-grained gabbro and diorite

SYMBOLS

- Geological boundary (defined, approximate, assumed, gradational)
- Bedding, tops known (inclined, vertical, overturned)
- Bedding, tops unknown (inclined, vertical)
- Strike and dip of pillows, tops known (inclined, vertical)
- Faulting or cleavage (inclined, vertical)
- Geosynclinal (inclined, vertical)
- Axes of minor folds (showing trend and plunge)
- Axes of major folds (trend deduced from bedding attitudes)
- Anticline
- Syncline
- Axis of major folds (trend inferred from airborne electromagnetic survey data)
- Antiform
- Synform
- Probable distribution of black shale beds (inferred from airborne electromagnetic survey data)
- Fault (defined, approximate, assumed)
- Conductor locality
- Glacial striae
- Esker
- Diamond drill hole

MINERAL OCCURRENCES (NTS 12A/10)

012A/10 Au 001	Balloon Pond	Gold
012A/10 Au 002	Harvey Harbour	Gold
012A/10 Au 003	Harvey Pond	Gold
012A/10 Au 004	Harvey Pond	Gold
012A/10 Au 005	Victoria Mine	Gold
012A/10 Au 006	Victoria Mine	Gold
012A/10 Au 007	Victoria Mine	Gold
012A/10 Au 008	Victoria Mine	Gold
012A/10 Au 009	Victoria Mine	Gold
012A/10 Au 010	Victoria Mine	Gold
012A/10 Au 011	Victoria Mine	Gold
012A/10 Au 012	Victoria Mine	Gold
012A/10 Au 013	Victoria Mine	Gold
012A/10 Au 014	Victoria Mine	Gold
012A/10 Au 015	Victoria Mine	Gold
012A/10 Au 016	Victoria Mine	Gold
012A/10 Au 017	Victoria Mine	Gold
012A/10 Au 018	Victoria Mine	Gold
012A/10 Au 019	Victoria Mine	Gold
012A/10 Au 020	Victoria Mine	Gold
012A/10 Au 021	Victoria Mine	Gold
012A/10 Au 022	Victoria Mine	Gold
012A/10 Au 023	Victoria Mine	Gold
012A/10 Au 024	Victoria Mine	Gold
012A/10 Au 025	Victoria Mine	Gold
012A/10 Au 026	Victoria Mine	Gold
012A/10 Au 027	Victoria Mine	Gold
012A/10 Au 028	Victoria Mine	Gold
012A/10 Au 029	Victoria Mine	Gold
012A/10 Au 030	Victoria Mine	Gold
012A/10 Au 031	Victoria Mine	Gold
012A/10 Au 032	Victoria Mine	Gold
012A/10 Au 033	Victoria Mine	Gold
012A/10 Au 034	Victoria Mine	Gold
012A/10 Au 035	Victoria Mine	Gold
012A/10 Au 036	Victoria Mine	Gold
012A/10 Au 037	Victoria Mine	Gold
012A/10 Au 038	Victoria Mine	Gold
012A/10 Au 039	Victoria Mine	Gold
012A/10 Au 040	Victoria Mine	Gold
012A/10 Au 041	Victoria Mine	Gold
012A/10 Au 042	Victoria Mine	Gold
012A/10 Au 043	Victoria Mine	Gold
012A/10 Au 044	Victoria Mine	Gold
012A/10 Au 045	Victoria Mine	Gold
012A/10 Au 046	Victoria Mine	Gold
012A/10 Au 047	Victoria Mine	Gold
012A/10 Au 048	Victoria Mine	Gold
012A/10 Au 049	Victoria Mine	Gold
012A/10 Au 050	Victoria Mine	Gold
012A/10 Au 051	Victoria Mine	Gold
012A/10 Au 052	Victoria Mine	Gold
012A/10 Au 053	Victoria Mine	Gold
012A/10 Au 054	Victoria Mine	Gold
012A/10 Au 055	Victoria Mine	Gold
012A/10 Au 056	Victoria Mine	Gold
012A/10 Au 057	Victoria Mine	Gold
012A/10 Au 058	Victoria Mine	Gold
012A/10 Au 059	Victoria Mine	Gold
012A/10 Au 060	Victoria Mine	Gold
012A/10 Au 061	Victoria Mine	Gold
012A/10 Au 062	Victoria Mine	Gold
012A/10 Au 063	Victoria Mine	Gold
012A/10 Au 064	Victoria Mine	Gold
012A/10 Au 065	Victoria Mine	Gold
012A/10 Au 066	Victoria Mine	Gold
012A/10 Au 067	Victoria Mine	Gold
012A/10 Au 068	Victoria Mine	Gold
012A/10 Au 069	Victoria Mine	Gold
012A/10 Au 070	Victoria Mine	Gold
012A/10 Au 071	Victoria Mine	Gold
012A/10 Au 072	Victoria Mine	Gold
012A/10 Au 073	Victoria Mine	Gold
012A/10 Au 074	Victoria Mine	Gold
012A/10 Au 075	Victoria Mine	Gold
012A/10 Au 076	Victoria Mine	Gold
012A/10 Au 077	Victoria Mine	Gold
012A/10 Au 078	Victoria Mine	Gold
012A/10 Au 079	Victoria Mine	Gold
012A/10 Au 080	Victoria Mine	Gold
012A/10 Au 081	Victoria Mine	Gold
012A/10 Au 082	Victoria Mine	Gold
012A/10 Au 083	Victoria Mine	Gold
012A/10 Au 084	Victoria Mine	Gold
012A/10 Au 085	Victoria Mine	Gold
012A/10 Au 086	Victoria Mine	Gold
012A/10 Au 087	Victoria Mine	Gold
012A/10 Au 088	Victoria Mine	Gold
012A/10 Au 089	Victoria Mine	Gold
012A/10 Au 090	Victoria Mine	Gold
012A/10 Au 091	Victoria Mine	Gold
012A/10 Au 092	Victoria Mine	Gold
012A/10 Au 093	Victoria Mine	Gold
012A/10 Au 094	Victoria Mine	Gold
012A/10 Au 095	Victoria Mine	Gold
012A/10 Au 096	Victoria Mine	Gold
012A/10 Au 097	Victoria Mine	Gold
012A/10 Au 098	Victoria Mine	Gold
012A/10 Au 099	Victoria Mine	Gold
012A/10 Au 100	Victoria Mine	Gold

COMMODITY ABBREVIATIONS

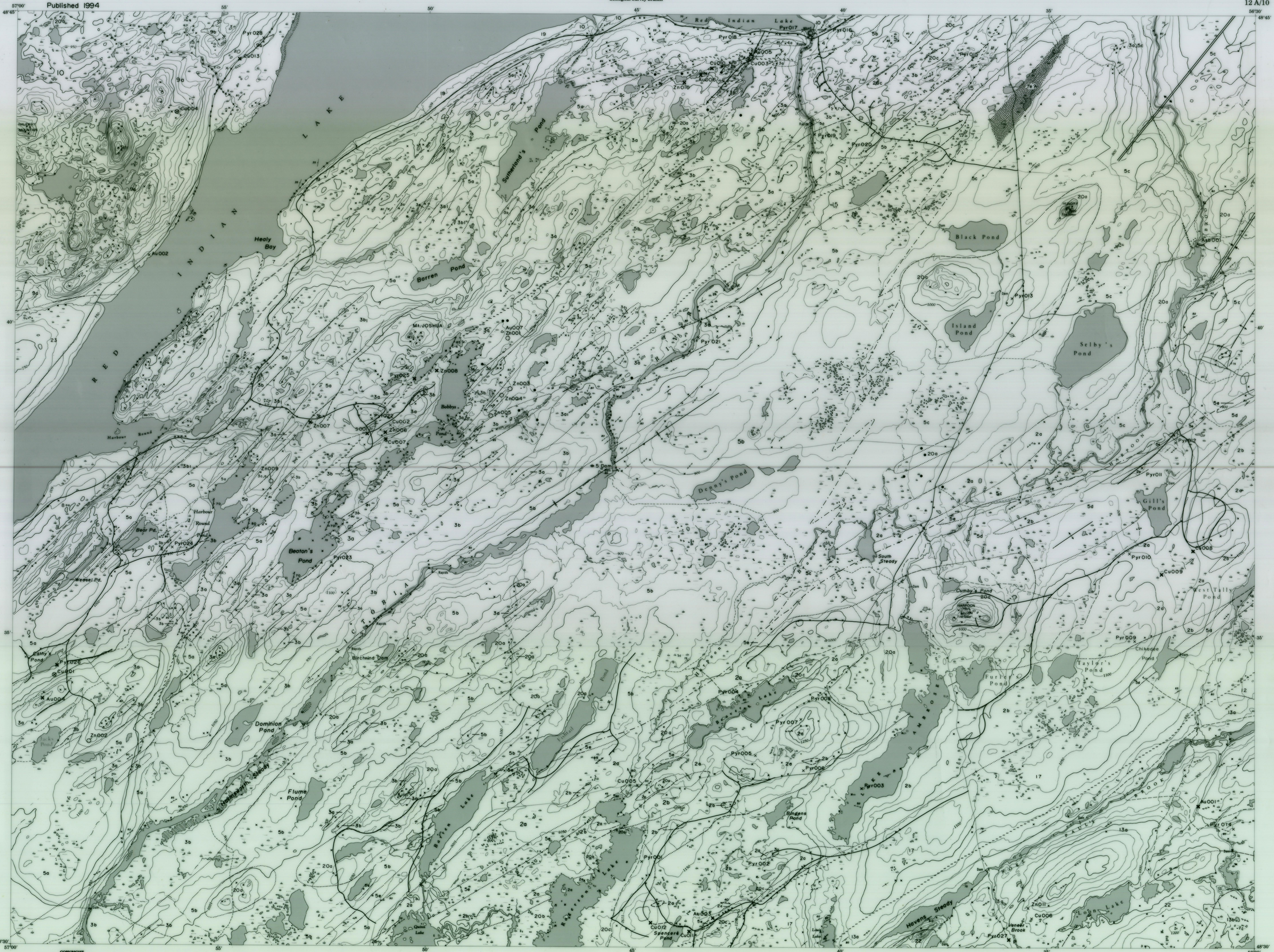
Ag	Silver
Asb	Asbestos
Au	Gold
Cd	Cadmium
Cu	Copper
Hg	Mercury
Mn	Manganese
Pb	Lead
Zn	Zinc

MINERAL AND ROCK ABBREVIATIONS

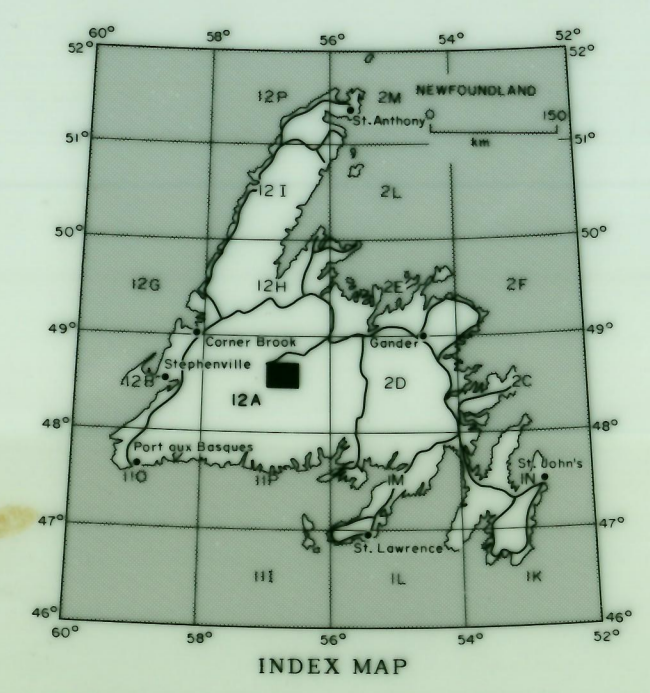
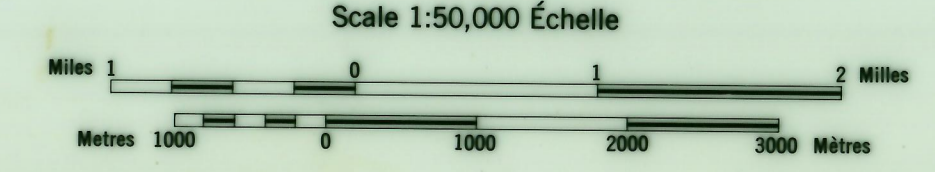
asb	asbestos	gn	gabbro
asp	arsenopyrite	hem	hematite
at	antimony	orp	orpiment
bo	bornite	py	pyrrhotite
cb	chalcocite	pyr	pyrophyllite
col	colomite	pyr	pyrite
do	dolomite	sp	sphalerite
fuc	fuchsite		

Mineral Occurrence Symbols

Developed Prospect	⊙
Prospect	○
Showing	×
Indication	·



MAP 94 - 223
GEOLOGY AND MINERAL OCCURRENCES OF
LAKE AMBROSE
OPEN FILE 12A/10/0686



Geology by D.T.W. Evans and B.F. Keen, 1990; B.F. Keen and N.L. Mercer, 1976 and 1977.
This preliminary map may be subject to revision and correction.
Geological cartography by Geological Survey Branch, Department of Mines and Energy, Government of Newfoundland and Labrador.
New road locations are approximate.
Copies of this map may be obtained from the Geological Survey Branch, Department of Mines and Energy, St. John's, Newfoundland.
Base maps of same scale published by the Surveys and Mapping Branch, Department of Energy, Mines and Resources.
Approximate magnetic declination, 1990, for center of maps, 29°17'W, decreasing 2.9' annually.
Elevations in feet above mean sea level.
This project was financed under the Canada Newfoundland Mineral Development Agreement (1984-1989), Project carried out by Newfoundland Department of Mines and Energy.

MAP # 94-223
G.S.B.# 12A/10/0686