



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

11-O

58°00'

48°00'

LEGEND

CARBONIFEROUS

MISSISSIPPIAN AND PENNSYLVANIAN

SEARSTON BEDS AND BARACHOIS GROUP

12 Maroon and grey-brown sandstone, siltstone, and conglomerates; minor limestone, coal, chert

MISSISSIPPIAN

CODROY GROUP

11 Maroon, green and grey siltstone, grey mudstone, green-grey and maroon sandstone; limestone, gypsum; minor conglomerate

ANGUILLE GROUP

10 Grey siltstone, sandstone, black mudstone, shale, siltstone, minor grey mudstone, shale, laminated siltstone, conglomerate; maroon siltstone, sandstone

DEVONIAN (?)

9 Granitic rocks, many with unseparated inclusions of gneiss and schist: 9a, pink, equigranular to porphyritic (feldspar) granite and grey-tan quartz monzonite; 9b, pink, equigranular to porphyritic (feldspar) granite, minor quartz monzonite, granodiorite and pegmatite; 9c, CHETWYND GRANITE: pink granite

DEVONIAN (?) AND (?) EARLIER

8 Granitic rocks, many with unseparated inclusions of gneiss and schist: 8a, grey to pink quartz monzonite and pegmatite; 8b, grey to pink foliated porphyritic (feldspar) quartz monzonite, granodiorite, minor pink granite and pegmatite; 8c, BAGGS HILL GRANITE: grey to pink foliated quartz monzonite; 8d, grey porphyritic (feldspar) granodiorite and quartz diorite, 8e, grey to pink porphyritic (feldspar) quartz monzonite and granodiorite; 8f, grey to grey-tan quartz monzonite and granodiorite in part foliated and porphyritic (feldspar), pink granite and pegmatite.

7 Diorite and gabbro

LOWER AND/OR MIDDLE DEVONIAN

BAY DU NORD GROUP

6 Siltstone, argillite, sandstone, metaquartzite, shale, slate; minor phyllite, biotite-quartz-feldspar gneiss and schist locally containing garnet, amphibole and staurolite; conglomerate, metaconglomerate

SILURIAN?

5 5B. Quartz-feldspar porphyry
5A. LA POILE GROUP: rhyolite, rhyolite porphyry, trachyte, trachyte porphyry, tuff, agglomerate, sandstone, schistose sandstone, conglomerate, schistose conglomerate, slate, unseparated quartz-feldspar porphyry (5B); minor schist

ORDOVICIAN (?) TO DEVONIAN

4 Schistose sandstone and conglomerate, slate, chlorite schist, metavolcanic rocks, mafic sills and dykes; minor chert

3 Biotite-quartz-feldspar gneiss and schist locally containing garnet, amphibole, sillimanite and kyanite; unseparated quartz monzonite and pegmatite (8a), amphibolite, granodiorite; near Bay du Nord Group (6) minor slate, siltstone, argillite, sandstone, conglomerate, tuff and metamorphic equivalents

PRECAMBRIAN (?) TO ORDOVICIAN (?)

2 2a, gabbro, diorite, granite, biotite-quartz-feldspar gneiss and schist locally containing amphibole and garnet; minor granodiorite amphibolite, anorthosite, peridotite, dunite, marble; 2b, mixed plutonic, metavolcanic, and metasedimentary rocks: quartz diorite, diorite, granodiorite, biotite-quartz-feldspar gneiss and schist locally containing amphibole and garnet; minor quartz monzonite, monzonite, granite and gabbro; 2c, pink granite and quartz monzonite

1 Biotite-quartz-feldspar gneiss and schist locally containing amphibole and garnet; unseparated granitic rocks (2c); minor amphibolite and marble.

MINERALS

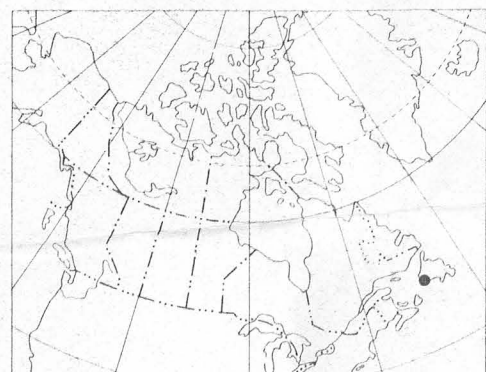
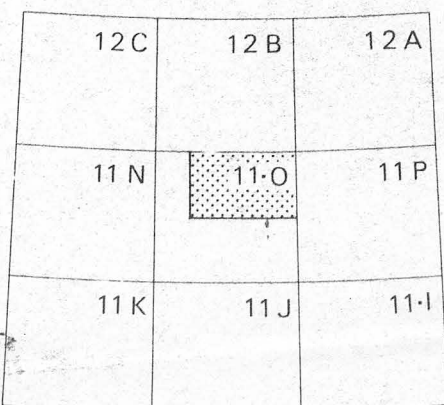
Chalcopyrite..... cp	Gold..... Au
Sphalerite..... sp	Arsenopyrite..... asp
Galena..... gn	Magnetite..... mag
Silver..... Ag	Pyrrhotite..... po
Bornite..... bo	Gypsum..... GYP

Geology by J.W. Gillis, 1963-64; in part compiled from published reports by D.M. Baird and P.R. Cote, 1964, J.R. Cooper, 1954, George Phair, 1959, and John Utting, 1965; and in part compiled from unpublished maps by Buchans Mining Company Limited.

OPEN FILE
70
AUG 1971
GEOLOGICAL SURVEY
OTTAWA

PORT AUX BASQUES NEWFOUNDLAND

Scale 1:125,000 Échelle
Miles 2 1 0 1 2 3 4 5 6 7 8 9 10
Kilometres 2 1 0 1 2 3 4 5 6 7 8 9 10 12 14



Geological boundary (defined, approximate, assumed).....
Bedding, tops known (inclined, overturned).....
Bedding, tops unknown (inclined, vertical).....
Schistosity and gneissosity, foliation (inclined, vertical, dip unknown).....
Fault (defined, approximate, assumed).....
Anticline.....
Syncline (upright, overturned).....
Glacial striae (direction of ice movement known).....
Fossil locality.....
Locality where age has been determined by K-Ar method, in millions of years (B-biotite, M-muscovite).....
Trace of coal seam.....
Mineral occurrence.....
Quarry (abandoned).....