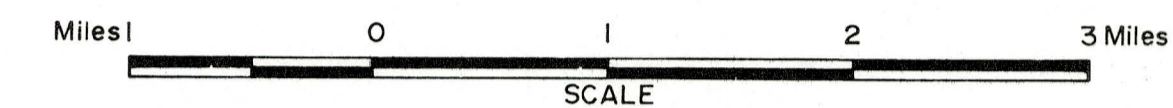


MINERAL DEVELOPMENT DIVISION
DEPARTMENT OF MINES AND ENERGY
GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

CANADA NEWFOUNDLAND MINERAL
EXPLORATION AND EVALUATION PROGRAMME

MANGANESE DISTRIBUTION IN LAKE SEDIMENTS, NEW BAY POND AREA



LEGEND

● Sample site

Contour levels

Standard deviations
above geometric mean ppm

—1—	0	333
—2—	1	1900
—3—	2	10900

INTRUSIVE ROCKS

5 Granodiorite and diorite

SEDIMENTARY ROCKS

4 Conglomerate, greywacke, siltstone, carbonaceous shale, chert and fine grained tuffs.

VOLCANIC ROCKS

3 FELSIC VOLCANIC ROCKS – Rhyolite, rhyolitic agglomerate, porphyritic rhyolite.

2 INTERMEDIATE VOLCANIC ROCKS – Predominantly agglomerate and lapilli tuff, may include some felsic and mafic fragmentals

1 MAFIC VOLCANIC ROCKS – Predominantly pillow lavas

Geological boundary ————

Sulphide mineral occurrence ———— ✕

Pyrite ———— Py

Zinc ———— Zn

Copper ———— Cu

Geology compiled from maps by Falconbridge Mines Ltd.
Geological Survey of Canada (1969), Hayes (1951), Noranda Mines Ltd.
(1972) and Potter (1956).

