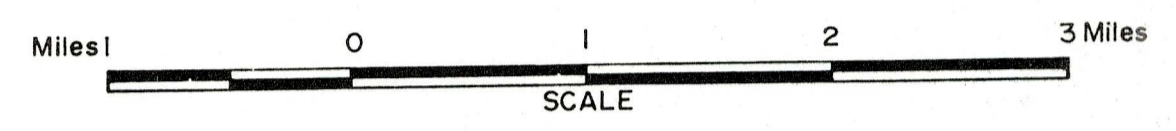




MINERAL DEVELOPMENT DIVISION
DEPARTMENT OF MINES AND ENERGY
GOVERNMENT OF NEWFOUNDLAND AND LABRADOR
CANADA NEWFOUNDLAND MINERAL
EXPLORATION AND EVALUATION PROGRAMME

ZINC DISTRIBUTION IN LAKE SEDIMENTS, NEW BAY POND AREA



LEGEND

- Sample site
- Contour levels

Contour level	Standard deviations above geometric mean	ppm
1	0	40
2	0.5	63
3	1.0	100
4	1.5	158

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 ———— X
- 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).

