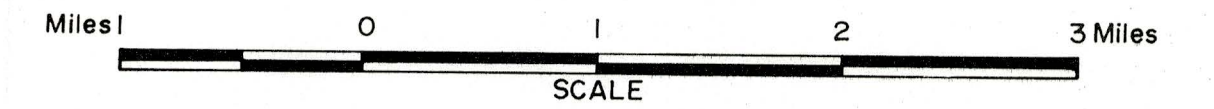




MINERAL DEVELOPMENT DIVISION
DEPARTMENT OF MINES AND ENERGY
GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

CANADA NEWFOUNDLAND MINERAL
EXPLORATION AND EVALUATION PROGRAMME

**RESIDUAL COPPER DISTRIBUTION IN LAKE SEDIMENTS,
NEW BAY POND AREA**



LEGEND

- Sample site
- 0.0 — contour values are residual zinc scores after linear regression with manganese, expressed as positive standard deviation units.
- 0.5 —
- 0.9 —
- 1.4 —
- 2.0 —

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).

