



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

## MANGANESE DISTRIBUTION IN STREAM SEDIMENTS, DANIEL'S HARBOUR AREA



### LEGEND

ppm Standard deviation units from geometric mean

□ < 40	□ < -1.5
○ ≥ 40 < 130	○ ≥ -1.5 < 0.5
▽ ≥ 130 < 445	▽ ≥ -0.5 < 0.5
■ ≥ 445 < 1540	■ ≥ 0.5 < 1.5
● ≥ 1540	● ≥ 1.5

**7** CARBONATE BRECCIA UNIT (Cambrian to Ordovician) predominantly limestone breccia, minor shale, (Cow Head type breccia), in fault contact with Ordovician sediments.

**6** CLASTIC UNIT (M. Ordovician) Sandstone, shale, minor limestone, conformable with Table Head Group.

#### TABLE HEAD GROUP (M. Ordovician)

**5** Limestone, dolomite, shale.

#### DISCONFORMITY

#### ST. GEORGE GROUP (M or U. Cambrian to L. Ordovician)

**4** Limestone, dolomite.

#### LABRADOR GROUP (L. Cambrian)

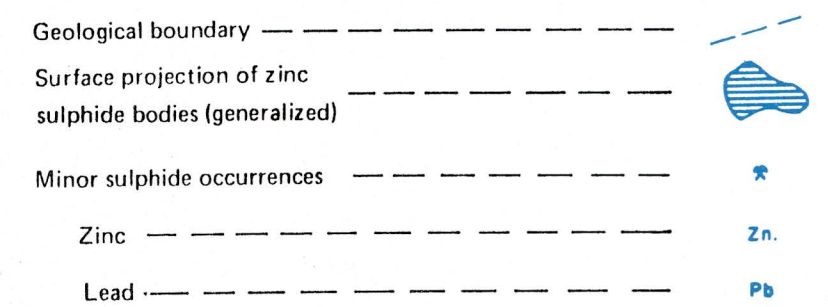
**3** HAWKE BAY FORMATION Quartzite, shale, dolomite

**2** BRADORE AND FORTEAU FORMATIONS Arkose, conglomerate, shale, limestone.

#### UNCONFORMITY

#### BASEMENT COMPLEX (Grenville)

**1** Granites, gneisses, schists



Geology compiled from Cominco Ltd. (1969), Cook (1969) and Nelson (1955)

