



CANADA  
DEPARTMENT  
OF  
MINES AND TECHNICAL SURVEYS  
GEOLOGICAL SURVEY OF CANADA

Figure 3  
Heavy Metal (Zn, Pb, Cu) Content of River and Stream Sediments,  
Southwestern Nova Scotia

Scale: One Inch to Four Miles =  $\frac{1}{253,440}$   
Miles

**LEGEND**

The concentration of the cold extractable total heavy metal ions in the sediment is expressed as the number of millilitres of 0.003 per cent solution of dithizone in xylene required to titrate a standard volume (approximately 0.10 gram) of sediment to a blue-grey end point

Concentration, 2.5 ml. or greater ..... 3.0 ▲  
 Concentration, less than 2.5 ml. .... 1.5 ●  
 Mine ..... ✖

Field work by G. F. Koehler, R. L. Moxham, and H. C. Palmer,  
June - September, 1956

Cartography by the Geological Cartography Unit, 1958

Approximate magnetic declination, 21° 30' West

To accompany Paper 58-1