



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MAP 25-1959
GEOCHEMISTRY
Zinc in Stream Sediments,
Northern Mainland of Nova Scotia
SHEET 2

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

LEGEND
Sampling point, showing zinc concentrations of 100 parts per million (ppm) and over. 100
Zinc isograds for 60 ppm and 120 ppm (dots indicate lower side of isograd). 120
60
Field work by R. H. C. Holman, 1957-1958
Chemical analyses by M. A. Gilbert
County boundary.

Cartography by the Geological Survey of Canada, 1959
Approximate magnetic declination, 24° 11' West

NOTE
Samples of sediments were collected from the beds of most streams accessible by road or track. Zinc was determined in the minus 80 mesh fraction of the dried samples with dithionite, after fusion with potassium bisulphate as described in Geol. Surv., Canada, Paper 59-3 by M. A. Gilbert. Isograds for 60 ppm and 120 ppm have been drawn approximately to indicate regional changes in the zinc contents of the stream sediments. Local concentrations of 100 ppm and greater, are recorded as spot highs. Figures below 100 ppm have been omitted for simplicity. All data are on open file and may be inspected at the Geological Survey of Canada, Ottawa. For geology see the Geological Map of the Maritime Provinces, Geol. Surv., Canada, Map 910A. Topographic maps on the scale of 1 inch to 4 miles covering this area may be secured from the Dept. of Mines, Nova Scotia.