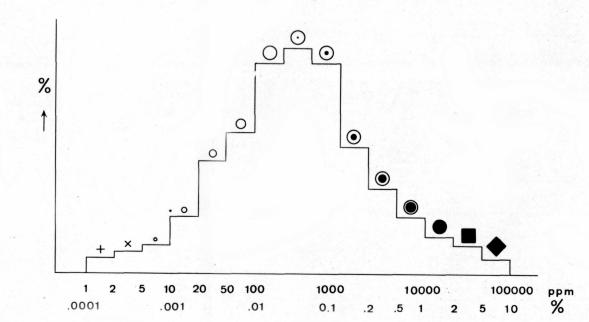
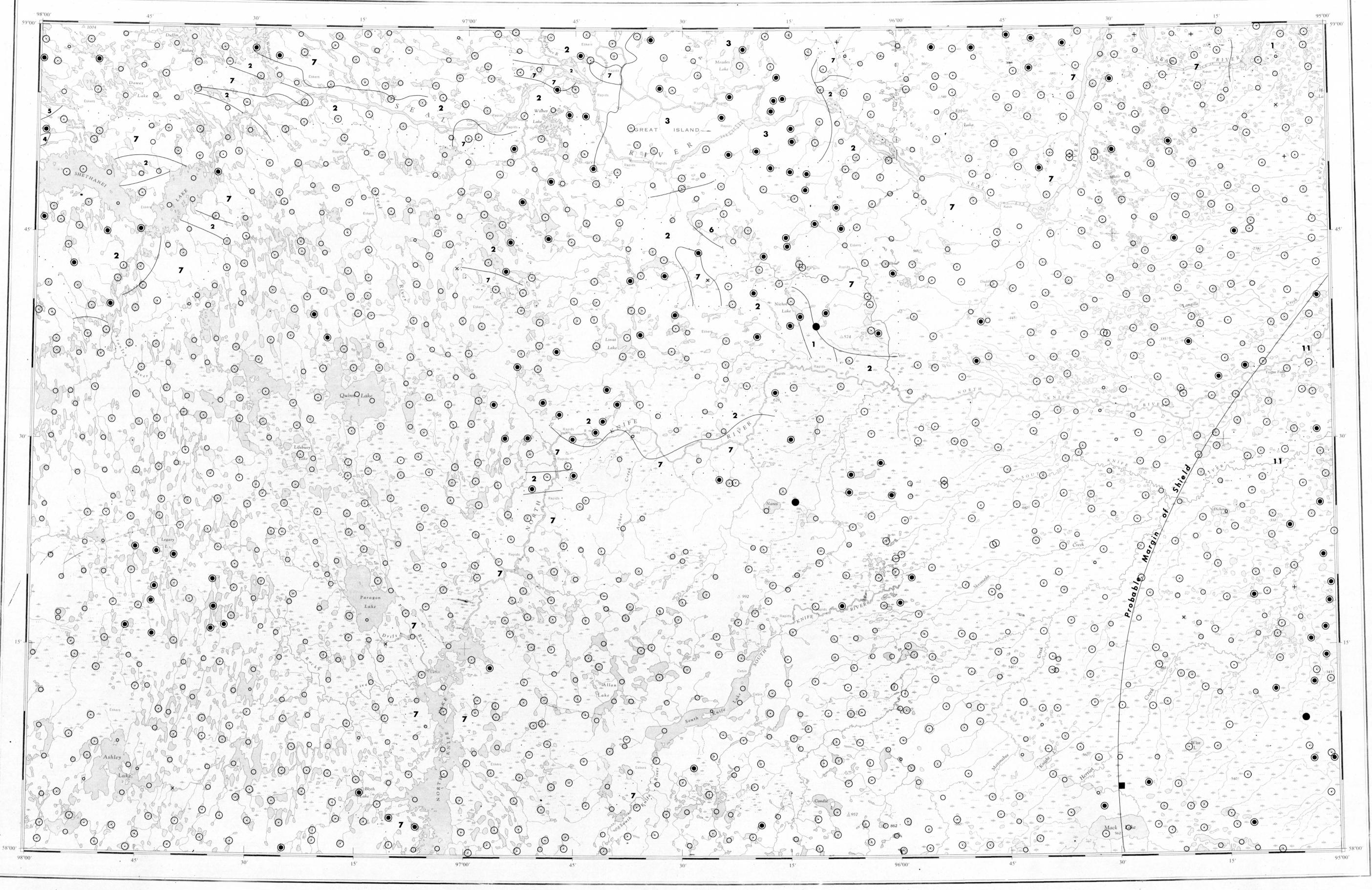
To comprehensively study an area, all available geological, environmental and recorded data should be utilized. The data separation by bedrock type can often be improved by constructing new data subsets and deriving local threshold levels based

The term reliability factor and value that appears below the table is an estimate of the reliability of the geochemcial map. On the basis of duplicate sampling 5% of all lakes sampled it can be stated that there is a 95% chance that if any lake is resampled and identical methods of sample preparation and analysis are used the new value will lie between X ÷ RF and X x RF where X is the original value obtained. This factor takes into account variability due to both heterogeneity of the centre-lake bottom sediments and sample preparation and analytical causes.

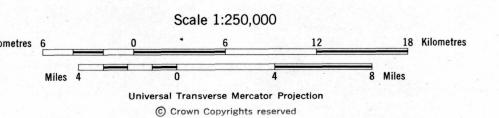


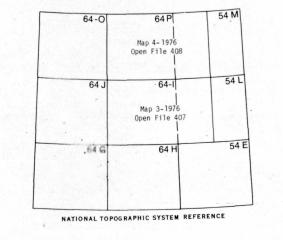




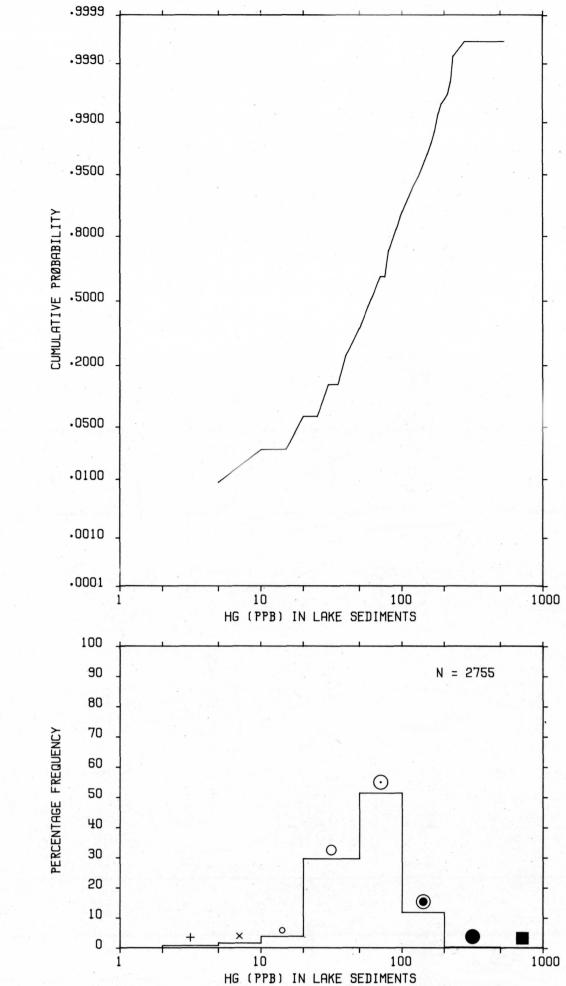
MERCURY IN LAKE SEDIMENTS CANADA-MANITOBA SUBSIDIARY AGREEMENT ON MINERAL EXPLORATION AND DEVELOPMENT

NATIONAL GEOCHEMICAL RECONNAISSANCE Map 3-1976





64-I - 54 L W/2



	No. of Samples	Mean	S.D.	C.V.%	Threshold
	30	64	31	48	200
	547	68	36	53	160
	1	70	_		160
	0	_			180
	147	61	32	53	160
	35	93	36	39	180
	75	81	34	42	170
	13	71	55	78	160
own	1164	70	32	46	160

Reliability Factor = 1.64

NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 3 -1976 OPEN FILE 407

Data units are ppb

Resource Geophysics and Geochemistry Division

Geological Survey of Canada, Ottawa

Geochemistry and Federal-Provincial coordination by E.H.W. Hornbrook Analytical chemistry by J.J. Lynch

Data monitoring by R.G. Garrett, N.G. Lund and D. Ellwood

Manitoba, Mineral Resources Division

Federal-Provicial coordination by J.F. Stephenson

Contractors

Sample collection by Trigg, Woollett & Associates Ltd. Sample preparation by Golder Associates Chemical analyses by Chemex Labs Ltd.

This map forms a series of 28 sheets released under Geological Survey of Canada, Open Files 407-408. The open files consist of data for 12 elements, each, per cent loss on ignition and sample site location

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The data are also available in digital form. For further information please contact:

> The Director, Computer Science Centre, Department of Energy, Mines and Resources, Ottawa, Ontario K1A OE8

> > NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 3-1976 OPEN FILE 407 NORTHEASTERN MANITOBA, 1976 MERCURY