

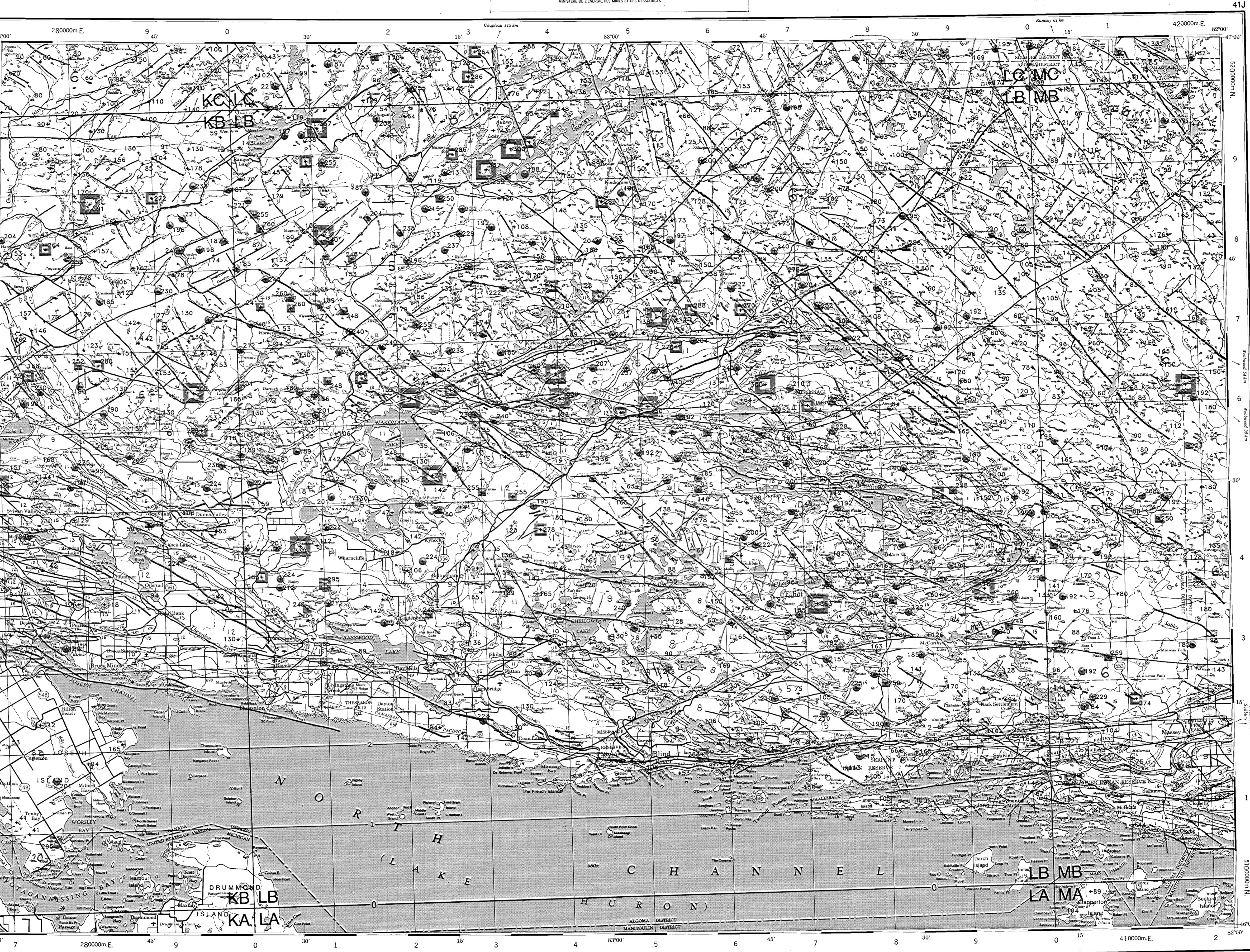
LEGEND

PALEOZOIC	
20	SCP* Limestone, shale
19	OCS Limestone, shale, sandstone, includes Munising Formation; sandstone
18	LPAD Diabase, gabbro, diorite
PRECAMBRIAN AND ARCHEAN	
17	LPAC Fenite, ijolite, pyroxenite, carbonate
16	MPCC Croker Island Complex; granite, syenite, diorite, gabbro, quartz monzonite, granodiorite, trondjemite, pegmatite
15	MPND Nipissing Diabase; diabase, gabbro, metagabbro, granophyre
HURONIAN SUPERGROUP	
14	NPBR Bar River Formation; quartzite
13	MPGL Gordon Lake Formation; siltstone, argillite, quartzite
12	MPL Lorraine Formation; quartzite, arkose, conglomerate
11	NPG Gowganda Formation; conglomerate, argillite, greywacke, siltstone
10	NPQL Serpent Formation; quartzite, conglomerate; Espanola Formation; limestone, dolomite, calcareous siltstone; Bruce Formation; conglomerate
9	MPLH Awerns Formation; conglomerate, arkose, quartzite; Mississagi Formation; quartzite, conglomerate; Pecos Formation; argillite, siltstone; Ramsay Lake Formation; conglomerate
8	MPFL Elliot Lake Group
7	MPVB McKim Formation; siltstone, argillite, quartzite; Matinenda Formation; quartzite, arkose, conglomerate, uraniferous conglomerate
6	AGM Basalt, andesite, amphibolite, gabbro, anorthosite, ultramafic rocks and minor rhyolite
5	AGN Foliated to gneissic felsic to intermediate plutonic rocks; granodiorite, tonalite, quartz monzonite, diorite, migmatite
4	AUB Gabbro, diorite
3	ACSP Conglomerate, greywacke, arkose, quartzite, siltstone, argillite, chert
2	AMVF Felsic to intermediate metavolcanics
1	AMVB Mafic to intermediate metavolcanics; includes flows, minor mafic pyroclastics and interflow sediments
IF	
*A mnemonic code assigned to rock types and recorded as part of field observations.	
Geological boundary	
Fault	
No analytical results	
The geology base and legend for these geochemical maps were derived from: Geology - Sault St. Marie - Elliot Lake, Map 2419 Geological Compilation Series, Ontario Department of Mines, 1:250,400; McCrank, G.F.D., Misura, J.D., and Brown, P.A. (1979); Geology - Plutonic Rocks in Ontario, Geological Survey of Canada Map 1535A, to accompany GSC Paper 90-23.	



GEOLOGICAL SURVEY OF CANADA
COMMISSION GEOLOGIQUE DU CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES
MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RÉSOURCES

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MERCURY (ppb)
LAKE SEDIMENTS
GSC OPEN FILE 1356

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 92-1986

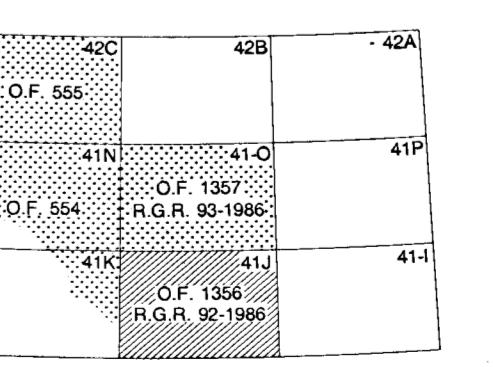
CANADA - ONTARIO

MINERAL DEVELOPMENT AGREEMENT (1986-1990)

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY

CENTRAL ONTARIO, 1986

Elevation in feet above mean sea level
Mean magnetic declination 1987, 7°48' West, increasing 10.6' annually. Readings vary from 8°33'W in the SE corner to 7°00'W in the NW corner of the map area



Digital data are available on IBM-PC compatible diskette from:
Geological Survey of Canada
Publications Distribution
601 Booth St.
Ottawa, Ontario K1A 0E8
Tel: (613)995-4342

Kilometers

0

5

10

15

20

Kilometers

0

5

10

15

Kilometers

0

5

10