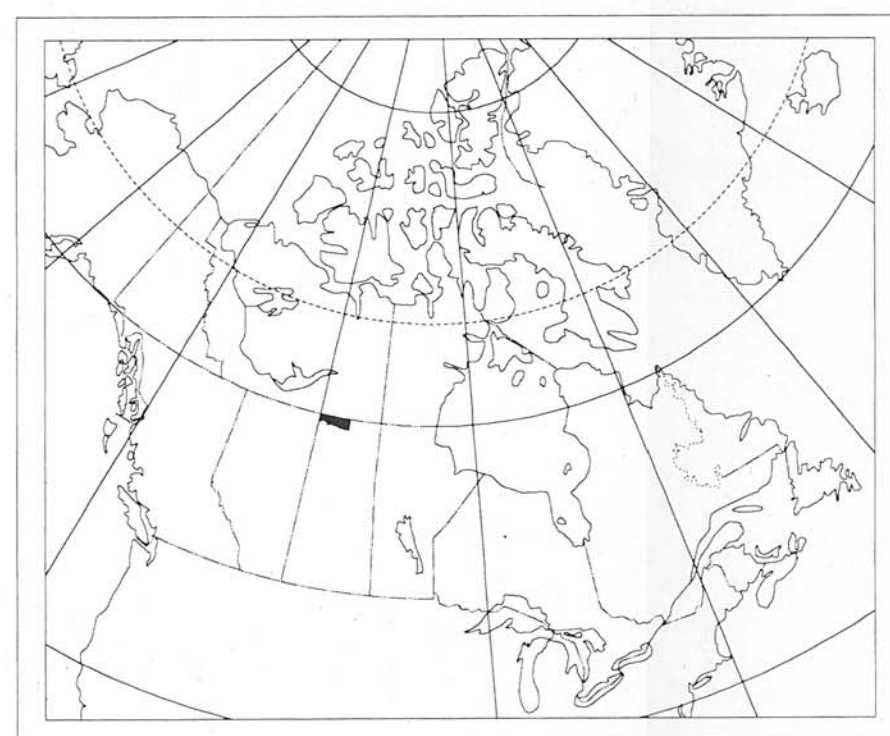


Index Map for Open File 2858



Index Map

GEOLOGICAL SURVEY OF CANADA
MINERAL RESOURCES DIVISION
APPLIED GEOCHEMISTRY SUBDIVISION

CONTRACTORS

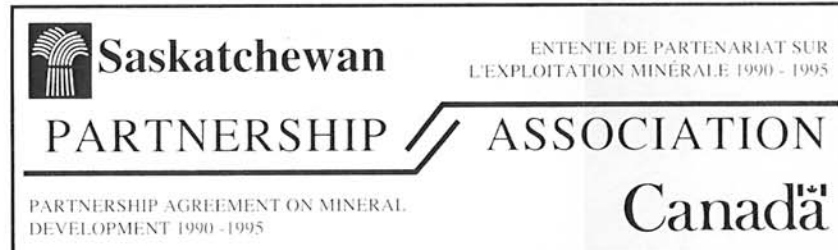
Collection: Northway Map Technology Ltd.
Don Mills, Ontario

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Gloucester, Ontario

Analysis: Bondar-Clegg & Co., Ltd.
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GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

SAMPLE LOCATION - MAP 2
LAKE SEDIMENTS
GSC OPEN FILE 2858
NORTHWEST SASKATCHEWAN 1994

LEGEND

Note: This legend common to Open File 2858 Map 1 and Map 2.

PRECAMBRIAN

WESTERN CRATON

- 1p MARTIN FORMATION: Arkose, sandstone, siltstone, and conglomerate, with basic flows (B)
- 1o JUNCTION GRANITE and other megacrystic granitoids
- 1n Granite-granodiorite, including COLIN GRANODIORITE and granitoids of the Fontaine Lake area
- 1m Migmatite (WHITE LAKE COMPLEX)
- 1k THULIUCHO LAKE GROUP (T), WAUGH LAKE GROUP (W): Biotite-sericite schists, polymict metaconglomerate, meta-arkose, quartzite, phyllite, and metabasalt

Supracrustal rocks, possibly largely post-Archean:

- 1j Fontaine Lake assemblage (F), TAZIN GROUP (Tz), BEAVERLODGE SERIES (B), MURMAC BAY assemblage (M), etc.
- 1i Metagreywacke, pelitic gneiss (psammite)

"TAZIN COMPLEX":

- 1h Strongly sheared and mylonitized rocks, including the 'RED GNEISS'
- 1g Granitized supracrustal and migmatites, probably largely derived from Archean, including plutonic rocks

Partly retrograded Archean granulite facies rocks:

- 1f Granitoids, mainly plutonic
- 1e Felsic to mafelsic granulites and gneiss, largely volcanogenic
- 1d Mafic to mafelsic granulites and gneiss, largely volcanogenic, "blue quartz gneiss"
- 1c Metabases, including pyrobitite, amphibolite, "norite" and ultramafite
- 1b Garnetiferous felsic rocks, minor quartzites and iron formation

ATHABASKA GROUP

All Marine:

- OF OTHERSIDE FORMATION: Sandstone, minor siltstone
- LL LOCKER LAKE FORMATION: Mainly pebbly sandstone
- WP WOLVERINE POINT FORMATION: (b) Mainly siltstone and clay-rich sandstone, phosphoric, tuffaceous; (a) Mainly sandstone, minor siltstone
- FP FAIR POINT FORMATION: Mainly pebbly to cobbly sandstone

MANITOU FALLS FORMATION: (Informal stratigraphic subdivision)

- MF MANITOU FALLS FORMATION: (d) Interclastic sandstone (fluvialite); (c) Sandstone (fluvialite); (b) Conglomerate (fluvialite)

Other:

- m Mylonite, major shear zone

Geological boundary.....

Reference

Macdonald, R., Broughton, P., 1980. Geological Map of Saskatchewan (Provisional Edition). Saskatchewan Mineral Resources, Saskatchewan Geological Survey, Scale 1:1 000 000.

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SAMPLE LOCATION - MAP 2
LAKE SEDIMENTS
GSC OPEN FILE 2858
CANADA - SASKATCHEWAN PARTNERSHIP
AGREEMENT ON MINERAL DEVELOPMENT
(1990-95)

LAKE SEDIMENT AND WATER GEOCHEMICAL DATA
NORTHWEST SASKATCHEWAN 1994

Échelle 1/250 000 - Scale 1:250 000
Kilomètres 0 5 10 15 20 Kilomètres
Projection transversale universelle de Mercator
Universal Transverse Mercator Projection
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SAMPLE LOCATION - MAP 2
LAKE SEDIMENTS
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