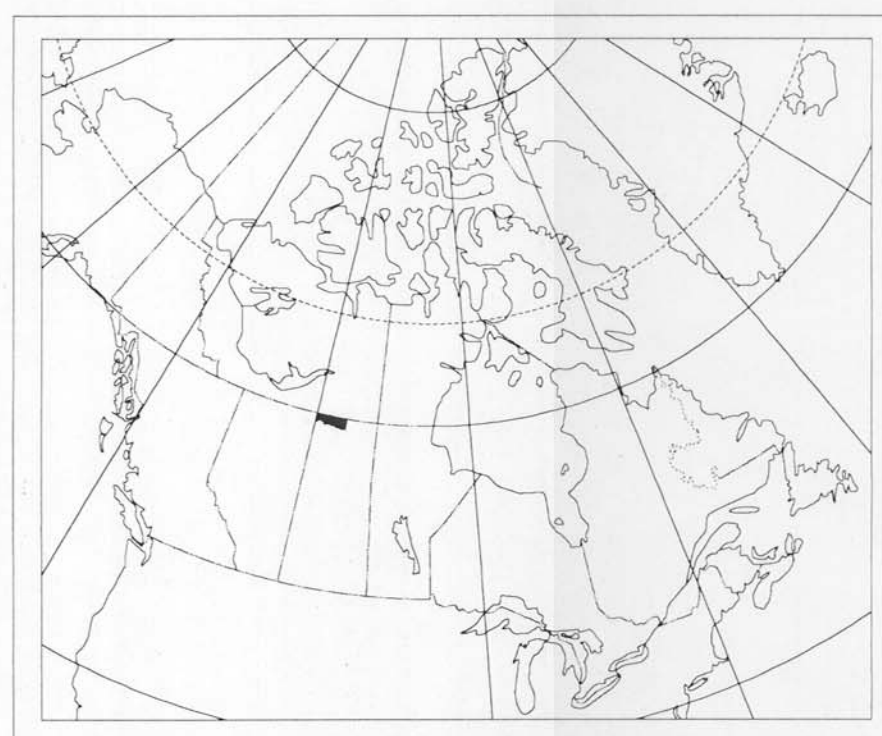


Index Map for Open File 2858



Index Map

GEOLOGICAL SURVEY OF CANADA
MINERAL RESOURCES DIVISION
APPLIED GEOCHEMISTRY SUBDIVISION

CONTRACTORS

Collection: Northway Map Technology Ltd.
Don Mills, Ontario

Preparation: Bondar-Clegg & Co., Ltd.
Gloucester, Ontario

Analysis: Bondar-Clegg & Co., Ltd.
Gloucester, Ontario

Bequerel Laboratories Inc.
Mississauga, Ontario

CanTech Laboratories Inc.
Calgary, Alberta

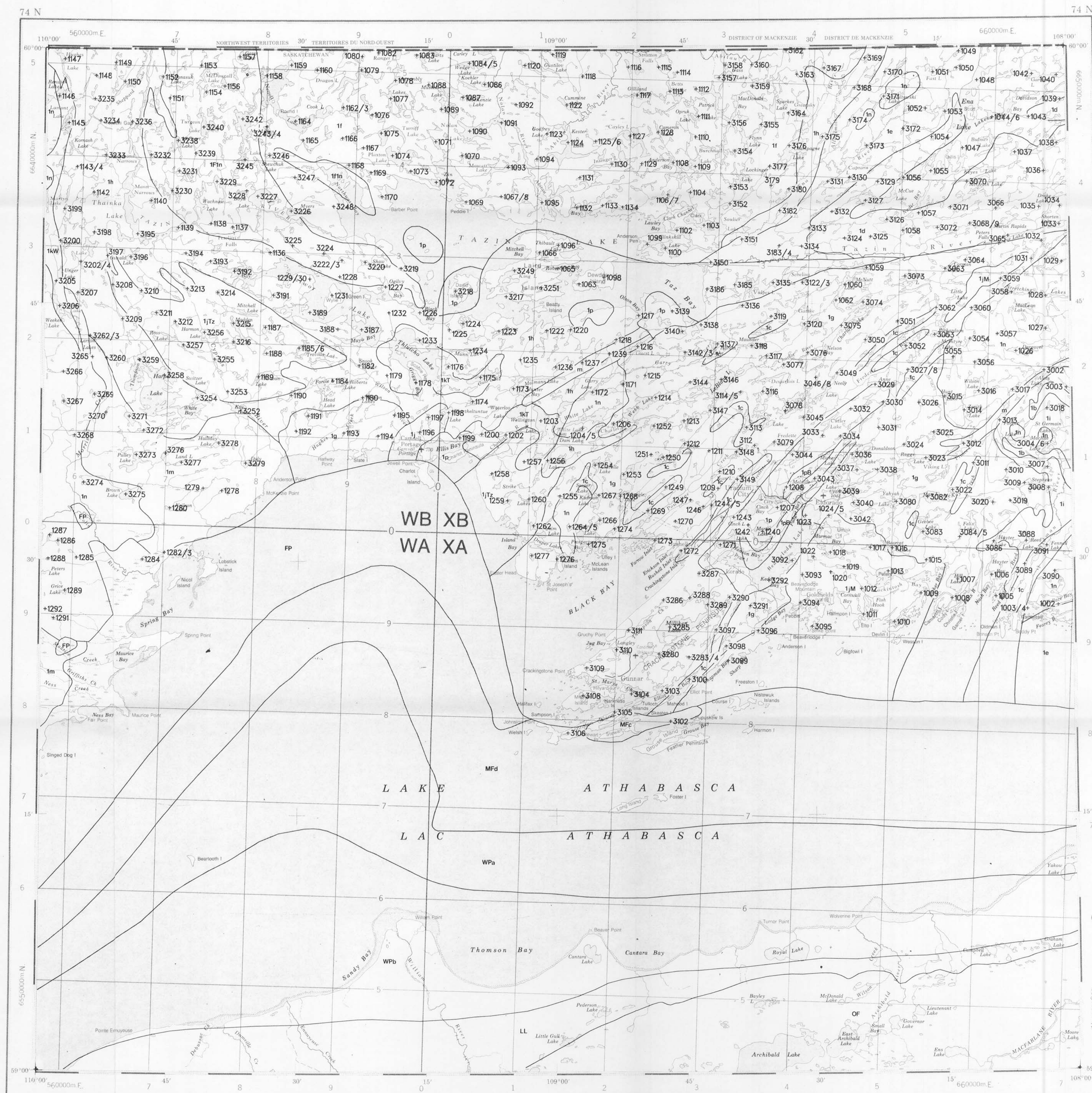
Natural Resources Canada
Ressources naturelles Canada

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

SAMPLE LOCATION - MAP 1 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** THLUICHO 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 mafic granulites and gneiss, largely volcanogenic
- 1d** Mafic to mafic granulites and gneiss, largely volcanogenic, "blue quartz gneiss"
- 1c** Metabasites, including pyrobitite, amphibolite, "norite" and ultramafite
- 1b** Garnetiferous felsic rocks, minor quartzites and iron formation

ATHABASCA 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, phosphoritic, 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) Interclast-rich sandstone (fluvialite); (c) Sandstone (fluvialite); (b) Conglomerate (fluvialite)

Other:

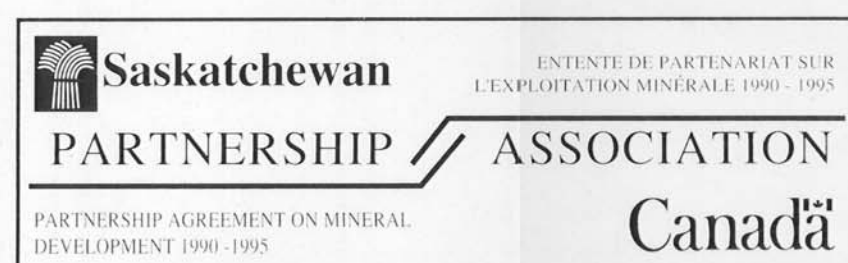
- m** Mylonite, major shear zone

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.

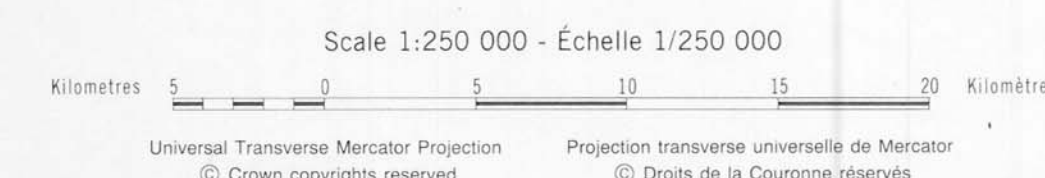
This document was produced
by scanning the original publication.
Ce document est le produit d'une
numérisation par balayage
de la publication originale.



Canada

SAMPLE LOCATION - MAP 1 LAKE SEDIMENTS GSC OPEN FILE 2858 CANADA - SASKATCHEWAN PARTNERSHIP AGREEMENT ON MINERAL DEVELOPMENT (1990-95)

LAKE SEDIMENT AND WATER GEOCHEMICAL DATA
NORTHWEST SASKATCHEWAN 1994



SAMPLE LOCATION - MAP 1 LAKE SEDIMENTS GSC OPEN FILE 2858 NORTHWEST SASKATCHEWAN 1994