

SURFICIAL GEOLOGY & AGGREGATE RESOURCES OF THE Russell/Shoal Lake Area Manitoba

Legend

QUATERNARY

Post Glacial

- 8..... Organics - swamp, muck and peat
7..... Colluvium - slumped material on valley slopes, mainly shale, minor
till and outwash
6..... Alluvium - sand and silt, minor clay and gravel

Proglacial

- 5C Fluvial Terraces - thin sand and gravel over till
5B Fluvial Terraces - sand and gravel
5a Fluvial Terraces - sand and silt, minor gravel
4C Outwash Plain - sand and gravel with eolian sand cover (>1m thick)
4B Outwash Plain - sand and gravel
4a Outwash Plain - sand, minor gravel and silt

Glacial

- 3c..... Moraine Plateau - silt and clay, minor till
- 3b..... Ice Contact Features - kames and eskers, sand and sand till, local gravel bodies
- 3a..... Kame Moraine Complex - sand, local gravel and till
- 2d..... Till Plain - corrugated, moderate to high local relief (>5m) with distinct northeast-southwest trending moraine ridges
- 2c..... Till Moraine - hummocky, >10m local relief
- 2b..... Till Plain - rolling to hummocky, 5-10 m local relief
- 2a..... Till Plain - rolling, < 5 m local relief




CRETACEOUS

- 1 Riding Mountain Formation - grey shale

Symbols

- Geological Boundary
- ✕G039..... Pit, exposure number, no sample
- ✕G039S..... Pit, exposure number, sample
- G034..... Geological Field Exposure, no sample
- G034S..... Geological Field Exposure, sample
- 12236..... Aggregate Deposit Number..... * Buried Deposit - size unknown
+ Minor Deposit (<5ha)
- Small Meltwater Channel
- ~~~~~..... Large Meltwater Channel
- >>>>>>..... Esker Ridge - mainly sand, minor gravel
- Drumlinoid Ridge (drumlins, fluting)
- X..... Bedrock Outcrop

Aggregate Deposits

-  Mainly Gravel - more than 60 % gravel*
 Sand And Gravel - 40 to 60 % gravel*
 Mainly Sand - less than 40% gravel*

*Gravel ≥ 2 mm in size

MAP 3

BINSCARTH

62 K/ II

December, 1982
Scale 1:50,000
Project 82-19

Prepared for:

Prepared for:

MANIT^{BA}
DEPARTMENT OF ENERGY & MINES
MINERAL RESOURCES DIVISION.

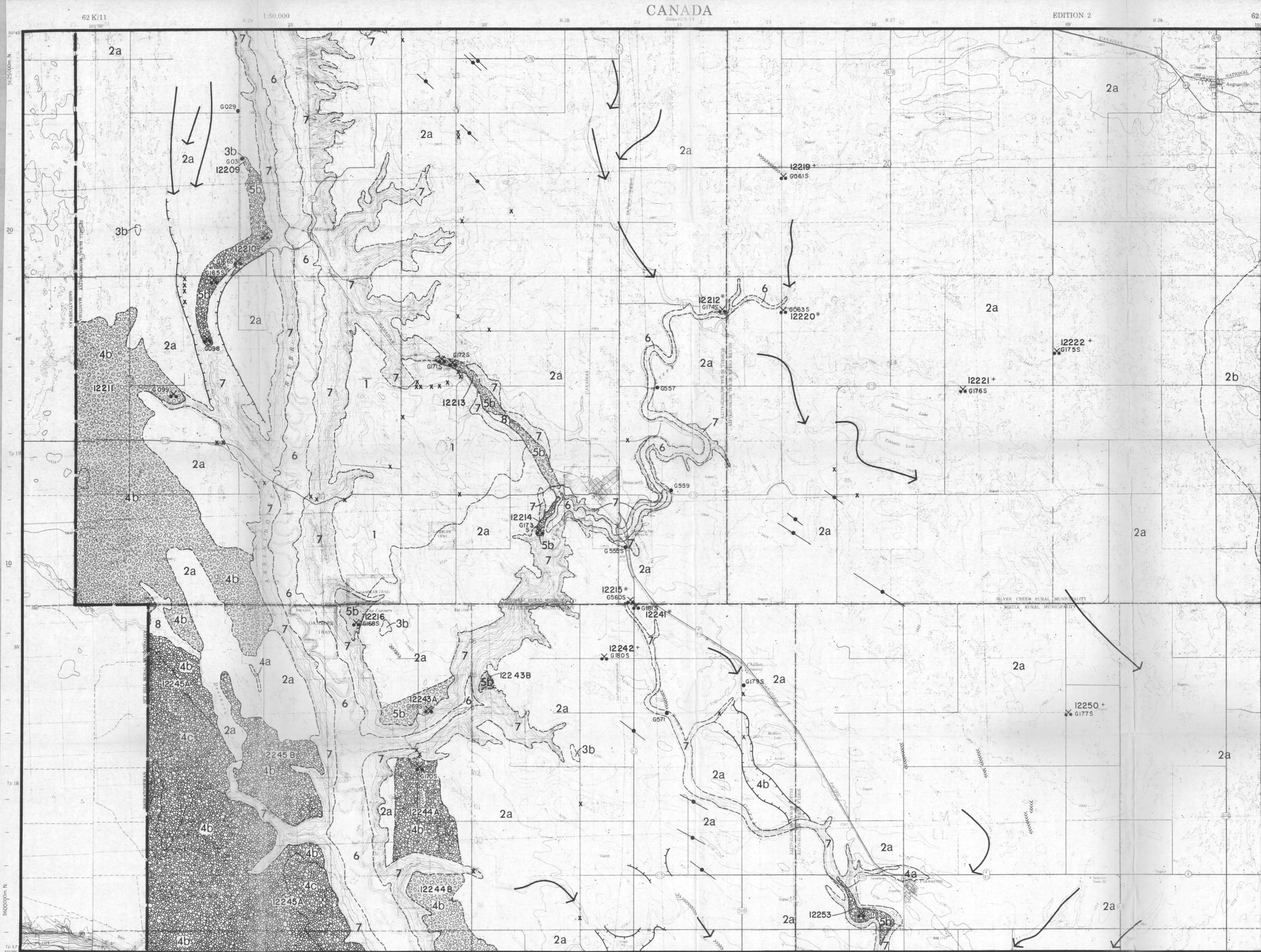
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Map OF83-2-3

To accompany Manitoba Department of Energy and Mines
Open File Report 83-2



Produced by the SURVEYS AND MAPPING BRANCH,
DEPARTMENT OF ENERGY, MINES AND RESOURCES.
Updated from aerial photographs taken in 1970. Culture check
1973. Printed 1975.

Copies may be obtained from the Canada Map Office,
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Roads	Routes		
hard surface, all weather	parade, toute saison	dual highway 2 lanes in each direction	more than 2 lanes when not working
hard surface, all weather	pavée, toute saison	2 lanes	less than 2 lanes throughout the year
loose or stabilized surface, all weather	gravier agglomé, toute saison	2 lanes or more	more than 2 lanes throughout the year
loose surface, dry weather and unclassified streets	de gravier, temps sec et ruelles hors classe	2 lanes or less	more than 2 lanes throughout the year

MANITOBA - SASKATCHEWAN
WEST OF PRINCIPAL MERIDIAN - OUEST DU MERIDIEN PRINCIPAL
Scale 1:50,000 Échelle

This Provisional Map is equivalent to a standard map in accuracy of content.

Some names on this map are not yet official.
Corrections or additions are invited by the
Surveys and Mapping Branch.

CONTOUR INTERVAL 25 FEET
Elevations in Feet above Mean Sea Level

Cette carte provient équivant une carte régulière
au point de vue précision de l'information

EQUIDISTANCE DES COURBES 25 PIEDS
(Elevations en pieds au-dessus du niveau moyen de la mer)

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE,
MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES.
Mise à jour à l'aide de photographies aériennes prises en 1970. Vérification
des ouvrages en 1973. Imprimée en 1975.

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