



Manitoba
Energy and Mines

MAP AR84-2-1

SURFICIAL GEOLOGY of the FISHER BRANCH AREA

TO ACCOMPANY AGGREGATE RESOURCES REPORT AR84-2

LEGEND

- 7 SWAMP: organic deposits generally overlying shallow clay accumulations in large flutes but also found directly overlying till
- 6 ALLUVIUM: gravel, sand, silt, clay and organic deposits related to river deposition
- 5 LITTORAL: sand and gravel attributed to deposition in Glacial Lake Agassiz
- 5b sand and gravel beach deposits
- 5a nearshore sand deposits
- 4 LACUSTRINE: fine-textured silt and clay related to quiet water deposition in Glacial Lake Agassiz
- 3 GLACIOFLUVIAL: silt, sand and gravel and minor till deposited in ice-contact
- 3b esker, predominantly sand and gravel
- 3a interlobate moraine, predominantly sand and sand and gravel, flanked and overlain by Lake Agassiz beach deposits
- 2 GLACIAL: till, fine-textured, calcareous
- 1 BEDROCK: Ordovician and Silurian limestone and dolomite

SYMBOLS

- Glacial striae
- Scour marks resulting from grounding of floating ice
- Strandline, usually escarpment at edge of bedrock high but also nearshore silt and clay bars
- Beach ridge, potential sand and gravel source
- 4938 Deposit number, economic sand and gravel
- 458 Field check site
- 477s Sampling site
- X Sand and gravel pit
- Limestone quarry
- 4/2 Multiple units: surface unit of variable thickness, frequent outcropping of underlying unit

SCALE 1:100 000

KILOMETRES 2 0 2 4 6 KILOMETRES

GEOLOGY BY H.D. GROOM AND C. JONES, 1981

GEOLOGICAL CARTOGRAPHY BY D. BAGWELL, 1984

REFERENCES

- Pratt, L.E. et al; Detailed Reconnaissance Soil Survey of Fisher and Teulon Map Sheet Areas; Man. Soil Survey, Soils Report No. 12, 1961.
- Smith, R.E. et al; Soils of the Red Rose-Washow Bay Area; Man. Soil Survey, Soils Report No. 1975.

