

MAP B
The Surficial Geological Basis
for Land-use Planning
in the Leaf Rapids
Local Government District
WEST HALF

Manitoba
Department of Mines, Resources
and Environmental Management
MINERAL RESOURCES DIVISION

LEGEND

QUATERNARY

POSTGLACIAL

- 8 Swamp (fen) : standing water, peripheral alluvial muds.
- 7 Organic deposits : peat over clay, sand or bedrock.

LATE GLACIAL

- 6 Eolian deposits : fine sand over sand and gravel over clay.
- 5 Littoral deposits:
5a sand over sand and gravel or clay.
5b fine sand and silt over clay.

GLACIAL AND LATE GLACIAL

- 4 Glacio-lacustrine deposits : varved silt and clay
4a Varved silt and clay over bedrock or till.
4b Varved silt and clay over sand and gravel.
4c Varved silt and clay over silt and sand.

GLACIAL

- 3 Glacio-fluvial deposits : gravel and sand.

EARLY GLACIAL

- 2 Ground moraine, Till.

PRECAMBRIAN

- 1 Bedrock : with zones of weathered drift.

DATA FOR LAND USE PLANNING

- G Amenity areas :
T townsite
G garbage disposal
R recreation

- 1 Glacial deposits evaluated for economic suitability.

- I Sand and gravel rights withdrawn from staking.
II Sand gravel and quarry rights withdrawn from staking.

- High scenic value suitable for recreation

- Area cleared by Manitoba Hydro

SYMBOLS

- Ruttan Lake Mine.
- Boundary of Leaf Rapids Local Government District
- R Rapids
- Pit locations :
Sand and gravel pit
Sand pit
Clay pit
Peat pit
Pit code
Channel Sample
Other sample locations
Resistivity Profiles
Manitoba Telephone System tower

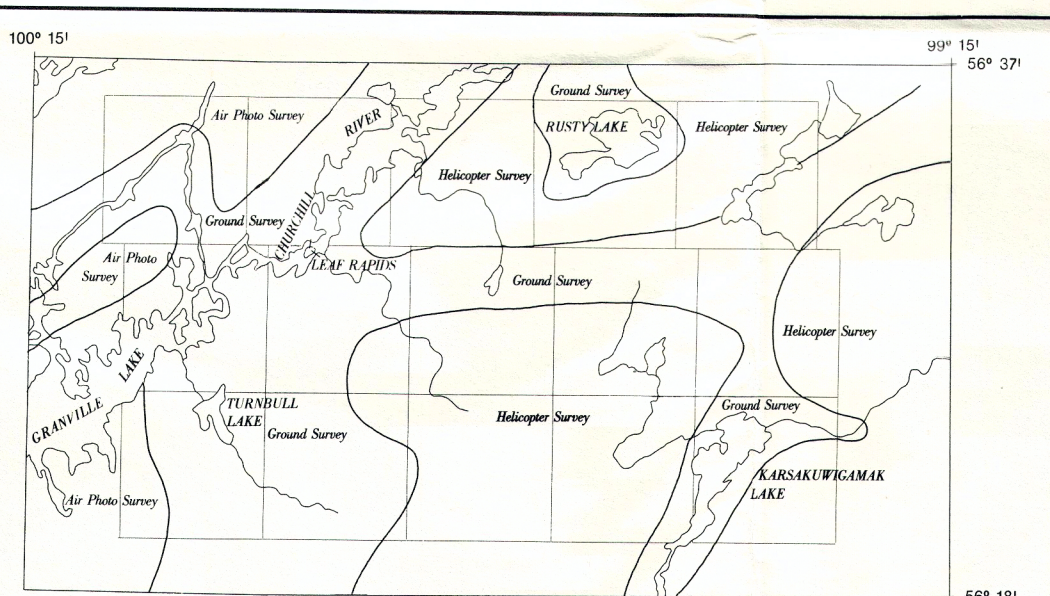
Geology by SUSAN RINGROSE and PEGGY LARGE 1974

Cartography by EDWARD JOHN TRUMAN

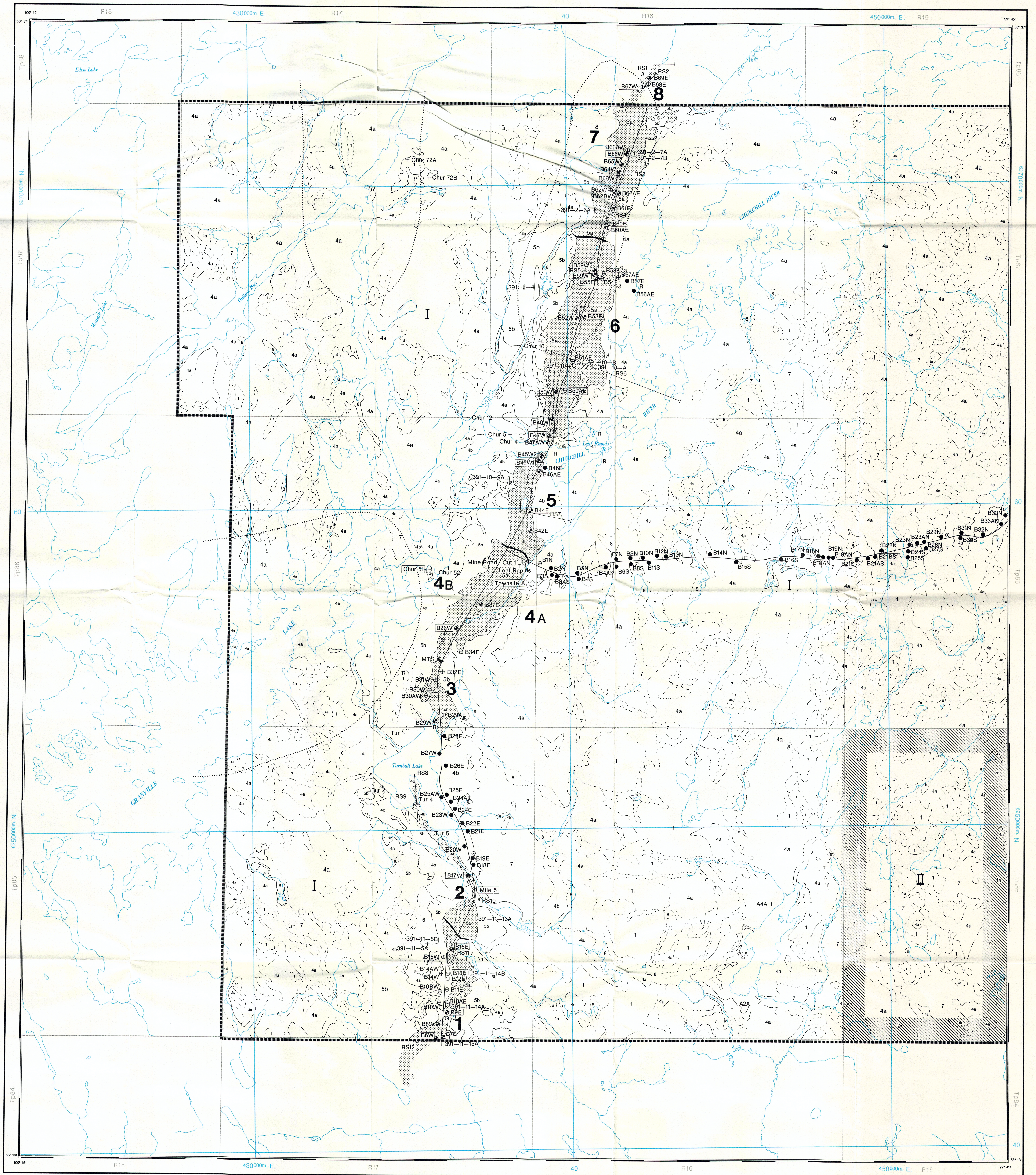
To Accompany

MRD Economic Geology Report 76-1

INDEX MAP



LEAF RAPIDS PROJECT



Scale 1:50 000

