

SURFICIAL GEOLOGY AND AGGREGATE DEPOSITS IN THE RURAL MUNICIPALITY OF MINITONAS

To accompany Aggregate Report AR92-4

LEGEND

QUATERNARY

POST GLACIAL

- 12** Swamp deposits: organic muck and peat
- 11** Colluvial deposits: undifferentiated materials on steep slopes
- 10** Alluvial deposits: sand, silt and clay generally on present day river flood plains
- 9** Alluvial fan deposits: generally sand, silt and clay

LATE GLACIAL AND EARLY POSTGLACIAL

- 8** Beach deposits: sand and gravel, generally 1-2m thick
- 7** Littoral deposits: generally sand and silt; includes area of clay or swamp
- 6** Deltaic deposits (proximal): generally sand; local areas of sand and gravel
- 5** Deltaic deposits (distal): generally clay, silt and fine sand

GLACIAL

- 4** Ice contact deposits: predominantly sand and gravel but material variable from clay to diamictic; usually as kame terrace but includes buried deposits
- 3** Till: brown, clay-rich, shale bearing; stagnation moraine
- 2** Till: calcareous, stony, silty; rolling plain
- 1** Till: calcareous, stony, silty; fluted plain

SYMBOLS

- Beach ridge; offshore bar
- Escarpment
- Meltwater channel
- Sand and gravel pit; intermittent usage
- Sand and gravel pit; abandoned
- Sand and gravel site; minor extraction; intermittent usage
- Sand and gravel site; minor extraction; abandoned
- Field station; sample-s (Site prefix in text: HM)
- Backhoe station; sample-s (Site prefix in text: HA)
- Till section
- 14600** Deposit number
- Bedrock outcrop
- Aggregate deposit

Deposit Symbol

- H** Production potential
- 14600** Deposit number
- 8** Deposit type

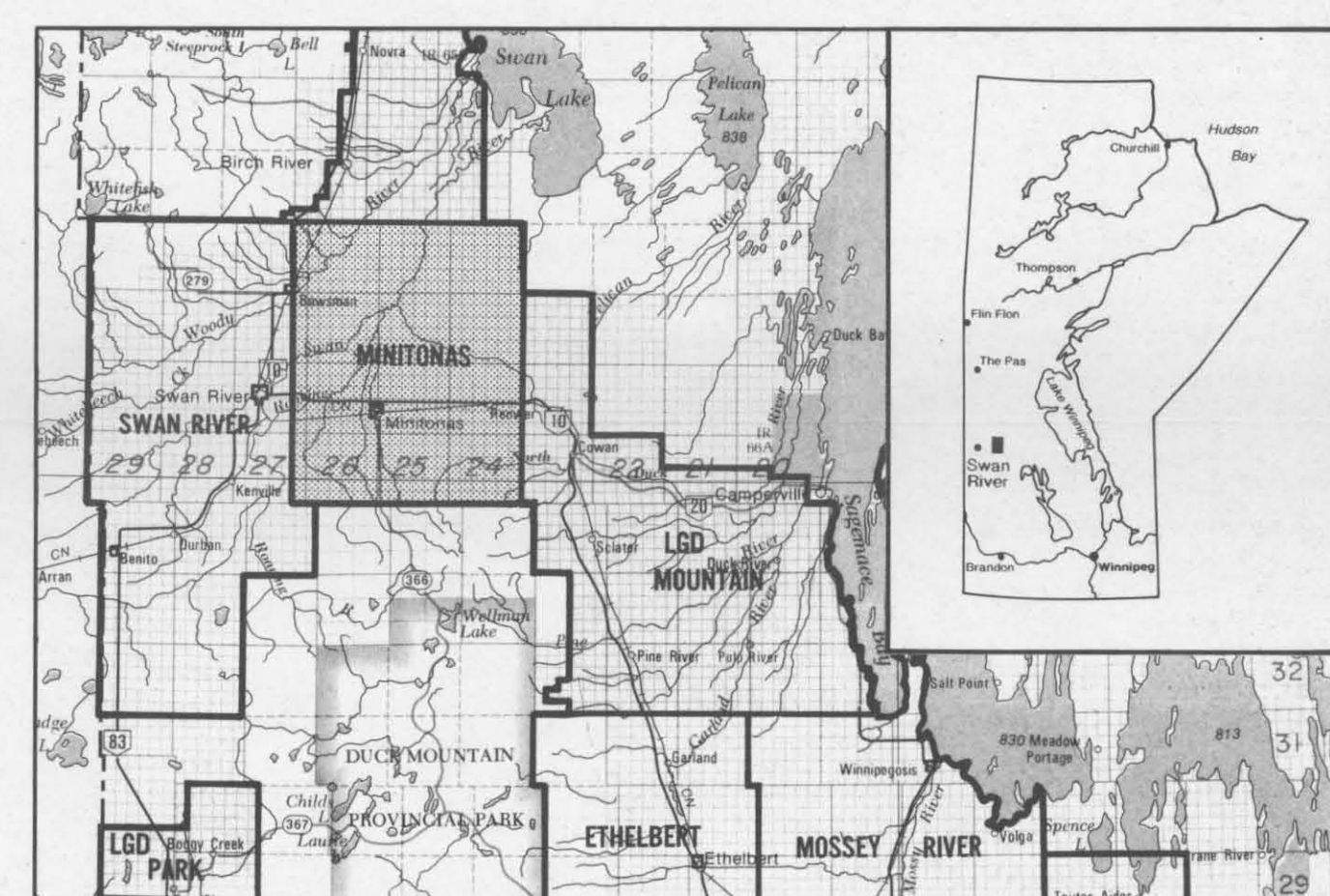
Deposit Production Potential

- H** High
- M** Moderate
- L** Low

Aggregate geology by: H. Groom (1991)

Surficial geology by: E. Nielsen (1980)

INDEX MAP



Scale 1:50 000

KILOMETRES 1 0 1 2 3 4 5 KILOMETRES

