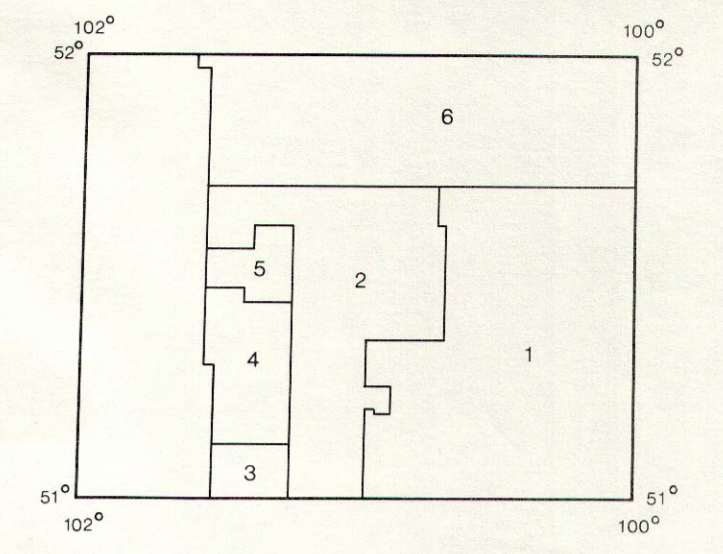


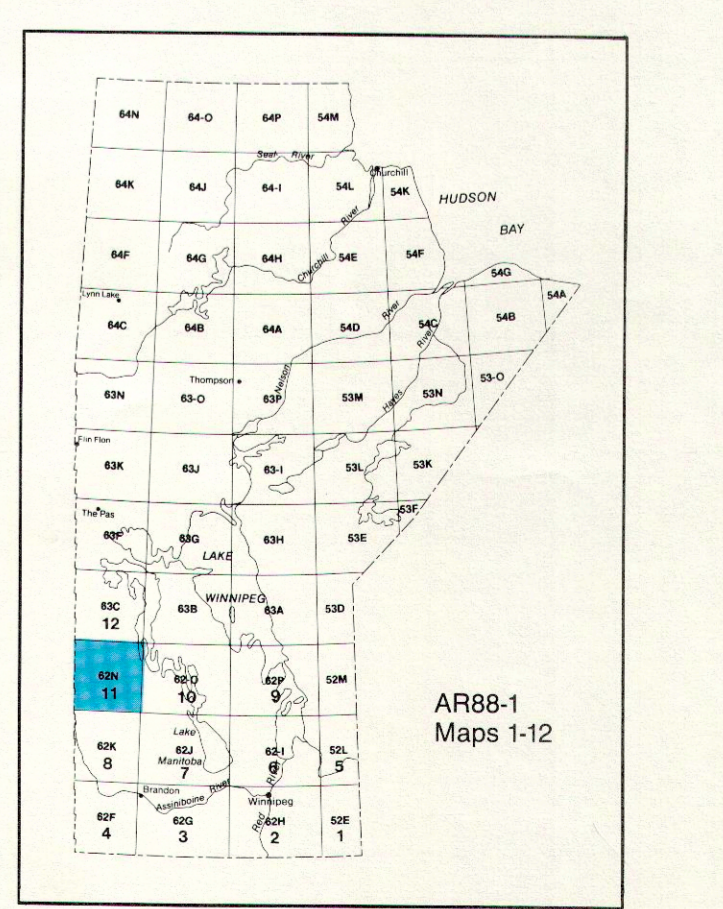
LEGEND

- AGGREGATE DEPOSIT
- GRAVEL PIT : Active, Private Sand and Gravel
- GRAVEL PIT : Inactive and/or Depleted, Private Sand and Gravel
- GRAVEL PIT : Active, Crown Sand and Gravel
- GRAVEL PIT : Inactive and/or Depleted, Crown Sand and Gravel
- BEDROCK QUARRY



- ### SOURCES OF INFORMATION
- 1 Gartner Lee Associates Limited and Proctor and Redfern Limited, 1978, Sand and Gravel Resources of the Dauphin Region, Manitoba Energy and Mines, Open File Report OF78-5, 1:50 000.
 - 2 Klassen, R. W., 1979, Pleistocene Geology and Geomorphology of the Riding Mountain and Duck Mountain Areas, Manitoba-Saskatchewan, Geological Survey of Canada, Geological Survey Memoir 396, 1:250 000.
 - 3 Groom, H. D., 1985, Surficial Geology and Aggregate Resource Inventory of the Rural Municipality of Shellmouth, Manitoba Energy and Mines, Aggregate Report AR85-2, 1:50 000.
 - 4 UMA Engineering Limited, 1985, Surficial Geology and Aggregate Resource Inventory of the Rural Municipality of Shell River, Manitoba Energy and Mines, Aggregate Report AR85-4, 1:50 000.
 - 5 Mlychuk, M., 1988, Aggregate Resources and Surficial Geology of the Local Government District of Park North, Manitoba Energy and Mines, Aggregate Report AR87-2, 1:50 000.
 - 6 Nielsen, E., 1980, Surficial Geology of the Swan River Area, Manitoba Energy and Mines, Geological Report GR80-7, 1:100 000.
 - 7 Manitoba Mineral Resources Division, 1980, Mineral Map of Manitoba, Map 80-1, 1:1 000 000.
 - 8 Manitoba Department of Highways and Transportation, Aggregate Resource Inventory, Block Files 61-63, 73-75, 85-87 and 97-99.
 - 9 Manitoba Energy and Mines, Mining Recording Office, Quarry Mineral Disposition Files, Twps 23-35 and Rges 19-29W.

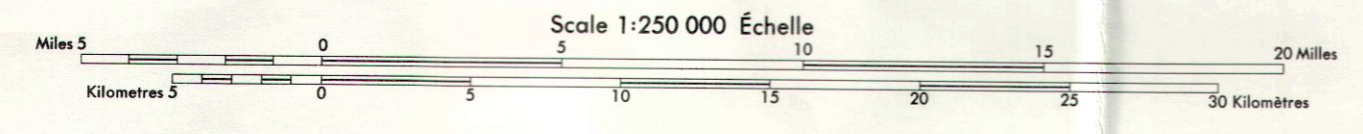
AGGREGATE RESOURCES COMPILATION MAP SERIES MAP AR88-1-11 DUCK MOUNTAIN NTS 62N



This map is a compilation of all known aggregate deposits, gravel pits and bedrock quarries in the area. The deposits include sand, sand and gravel and gravel. No distinction has been made based on the quality of the deposits. Where the aggregate deposit is small or a local feature, only the pit symbol has been shown. Where several pits are located within a small area, a single symbol has been used.

The information is based on aggregate reports, preliminary maps, surficial geology reports, Manitoba Department of Highways and Transportation aggregate resource inventories and Manitoba Energy and Mines quarry mineral disposition files. Mineral ownership data was compiled from the above data sources and Crown Lands Branch. No distinction has been made based on the mineral ownership of the bedrock quarries. This map is not to be regarded as final interpretation of the geology and mineral ownership of the area. References are included for users wishing to verify critical information.

Reasonable effort has been made to ensure the accuracy of the information presented on this map. However, Manitoba Energy and Mines and UMA Engineering Ltd. assume no liability for any errors that may occur. Additional information concerning the aggregate deposits, gravel pits or bedrock quarries may be obtained from: Manitoba Energy and Mines, Mining Engineering Section, 555-330 Graham Avenue, Winnipeg, Manitoba, Canada, R3C 4E3.



Compilation and Cartography by: UMA Engineering Limited.

Suggested reference to this publication:
Manitoba Energy and Mines, 1988; Aggregate Resources Compilation Map Series, Map AR88-1-11, Duck Mountain, NTS 62N, 1:250 000.

A contribution by Manitoba Energy and Mines, Mines Branch, to programming under the Canada-Manitoba Mineral Development Agreement (MDA), a subsidiary agreement of the Economic and Regional Development Agreement (ERDA).

Base map produced by the Surveys and Mapping Branch, 1976, Department of Energy, Mines and Resources.