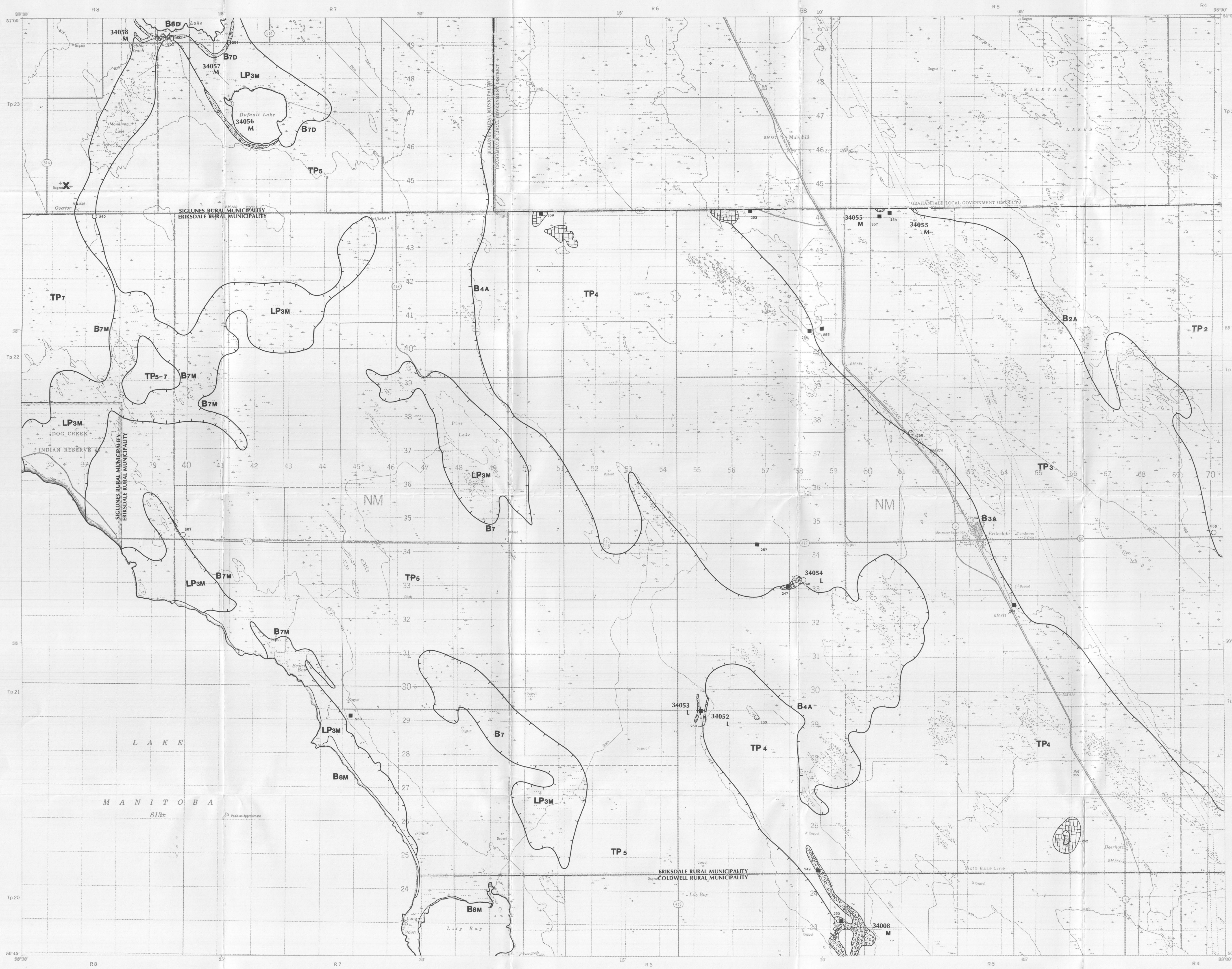


# QUATERNARY GEOLOGY AND AGGREGATE INVENTORY



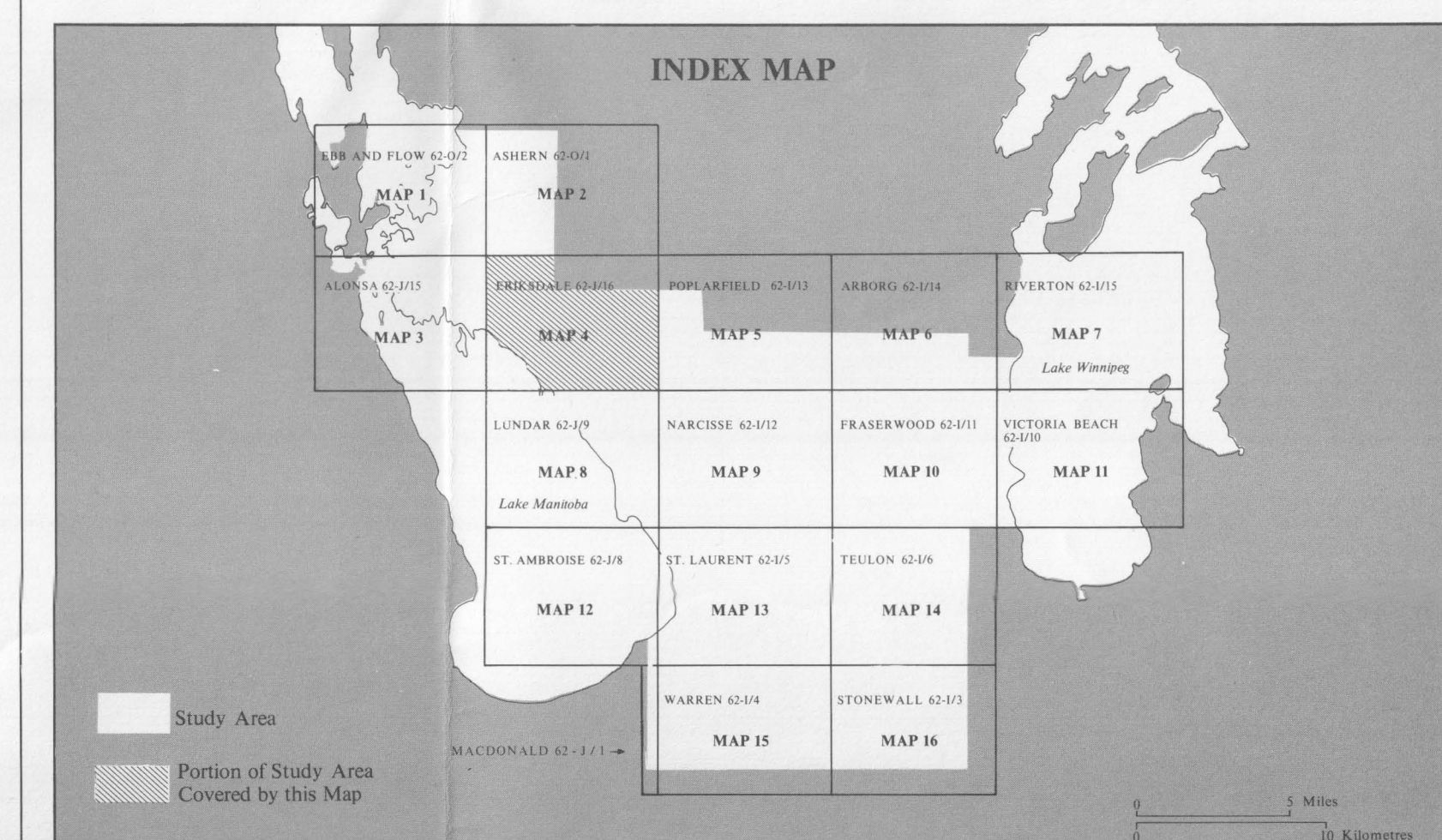
LITHOLOGY	MORPHOLOGY
Bedrock Outcrops or Bedrock with Shallow and Discontinuous Overburden (usually Limestones, Dolostones and Related Rocks)	<b>LP1A</b> Lacustrine Plains
Lithological Boundary of Unconsolidated Deposits	<b>B5w</b> Shoreline Identification
	Approximate Shorelines
	<b>FG</b> Fluvial and Fluvio-Glacial Deposits
	<b>TP1</b> Till Plain

## AGGREGATE RESOURCES

Deposits with Isopachytes (Interval: 1 metre)	Exposure
<b>4534</b> Deposit Number	Exposure with Sample
Medium and Coarse Sand	Exposure with Analysed Sample
Sand and Gravel	Backhoe Pit
Gravel and Sand	Backhoe Pit with Sample
Gravel	Backhoe Pit with Analysed Sample
	Group of Backhoe Pits
	Group of Backhoe Pits with Sample(s)
	Group of Backhoe Pits with Analysed Sample(s)
	Sampling Point (Sample Analysed by Highways Department)
<b>H</b> High	Gravel Pit in Use
<b>M</b> Medium	Disused Gravel Pit
<b>L</b> Low	Quarry
Resistivity Profile	<b>X</b> Till Pit

## QUATERNARY STRATIGRAPHY

Evolution of the Lakes	Johnson	Beaches and Shorelines (with Associated Lake)	Lacustrine Plains and Associated Deposits	Till Plains	Fluvial and Fluvio-Glacial Deposits
Present Lakes	Gimli	Present Beaches <b>B5w</b> (Lake Winnipeg) <b>B5M</b> (Lake Manitoba) <b>B5D</b> (Dog Lake) <b>B5B</b> (Shoal Lake) <b>B7M</b> (Lake Manitoba) <b>B7D</b> (Dog Lake) <b>B7B</b> (Shoal Lake) <b>B7W</b> (Lake Winnipeg) <b>B6M</b> (Lake Manitoba)	<b>LP 4</b> <b>LP 3M</b> (Lake Manitoba) <b>LP 3D</b> (Dog Lake) <b>LP 3B</b> (Shoal Lake, 1 Lake) <b>LP 3W</b> (Lake Winnipeg) <b>LP 2W</b> (Lake Winnipeg)	<b>TP 7</b>	
Proto Lakes	Stonewall	Teulon II Stage Teulon I Stage St. Laurent Stage	<b>LP 1A</b> (Lake Agassiz and/or Protolakes)	<b>TP 6</b>	
Transitional Period	Lundar Stage	<b>B 4A</b> (Lake Agassiz)		<b>TP 5</b>	
	Ossawa	Lake Francis Stage <b>B 3A</b> (Lake Agassiz)		<b>TP 4</b>	
	Gladstone ?	Narcisse Stage <b>B 2A</b> (Lake Agassiz) <b>B 1A</b> (Lake Agassiz)	Mainly Buried Deposits, also Shallow and Discontinuous Sediments over Till Plains, Washed Till	<b>TP 3</b> <b>TP 2</b> <b>TP 1</b>	
	Campbell	Pre-Narcisse All Beaches occurred out of the Study Area			



BASE MAP: National Topographic Series, Department of Energy, Mines and Resources, Ottawa, Map No. 62-3/16