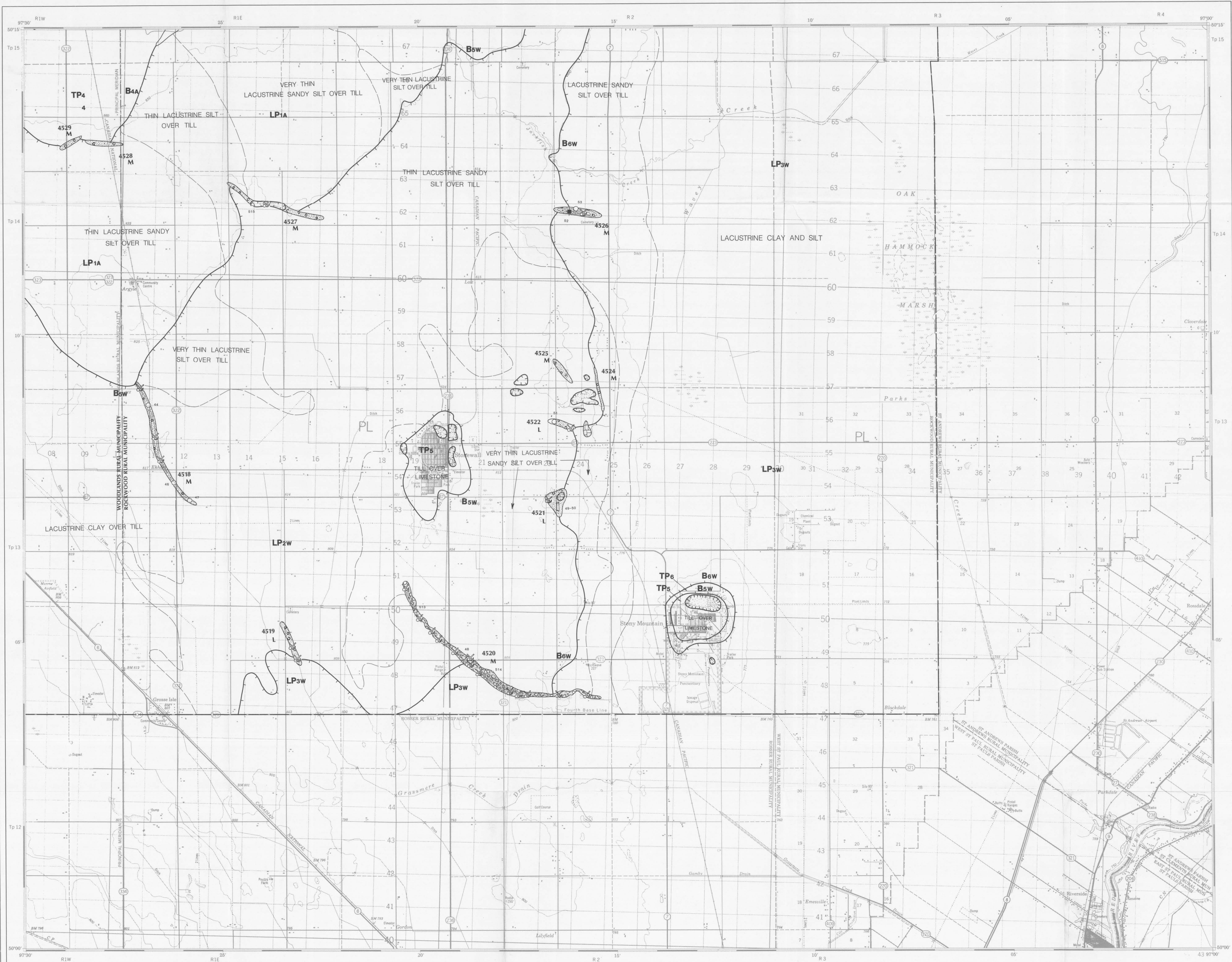


QUATERNARY GEOLOGY AND  
AGGREGATE INVENTORY



**LITHOLOGY**

Bedrock Outcrops or Bedrock with Shallow and Discontinuous Overburden (usually Limestones, Dolostones and Related Rocks)

Lithological Boundary of Unconsolidated Deposits

**MORPHOLOGY**

**LP1A** Lacustrine Plains

**B5W** Shoreline Identification

Approximate Shorelines

**FG** Fluvial and Fluvio-Glacial Deposits

**TP1** Till Plain

**AGGREGATE RESOURCES**

Deposits with Isopachytes (Interval: 1 metre)

**4534** Deposit Number

Medium and Coarse Sand

Sand and Gravel

Gravel and Sand

Gravel

Exposure

Exposure with Sample

Exposure with Analysed Sample

Backhoe Pit

Backhoe Pit with Sample

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)

Gravel Pit in Use

Disused Gravel Pit

Quarry

Till Pit

**Quality of Aggregates**

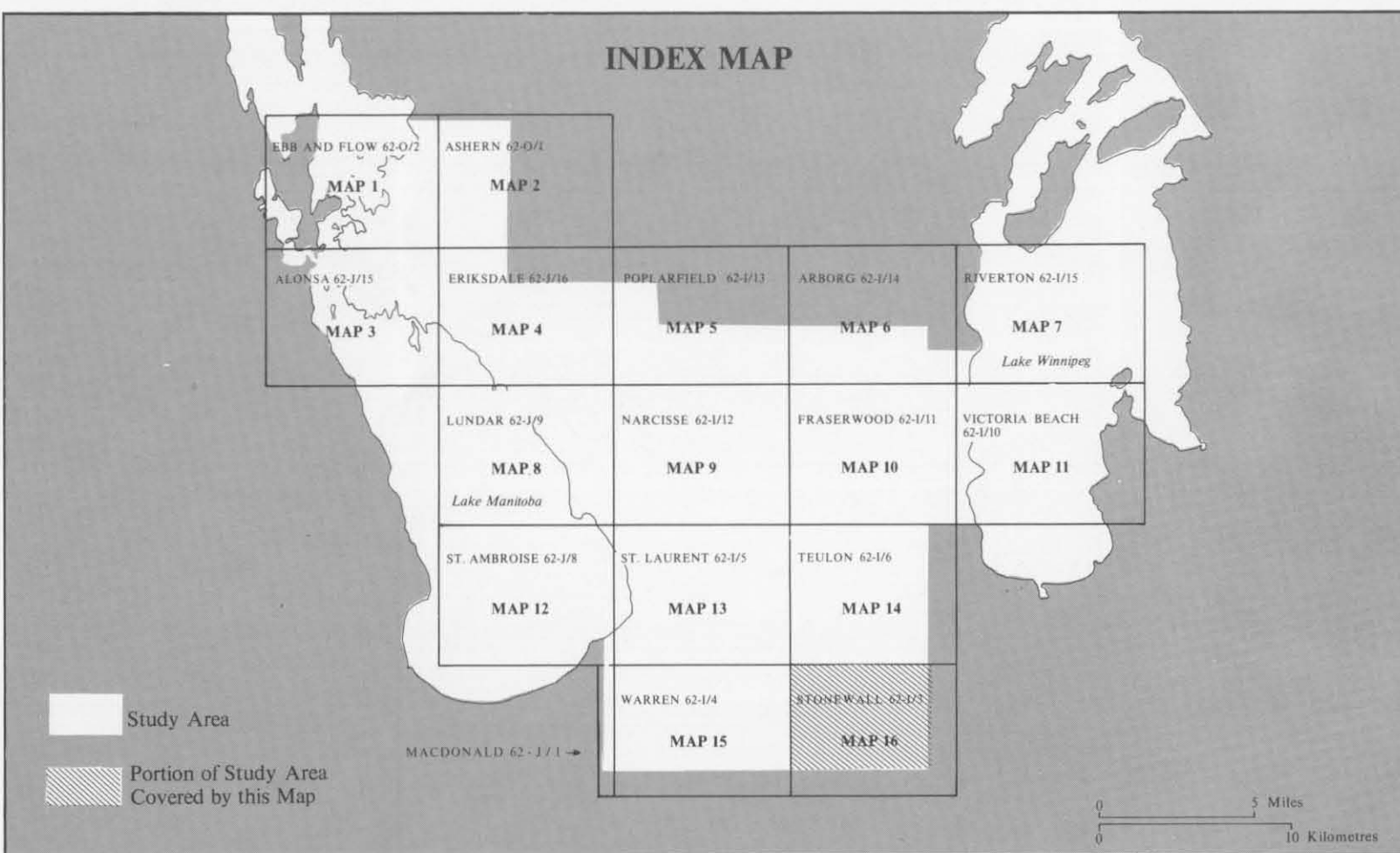
**H** High

**M** Medium

**L** Low

Resistivity Profile

QUATERNARY STRATIGRAPHY				
Evolution of the Lakes	Beaches and Shorelines (with Associated Lake)	Lacustrine Plains and Associated Deposits	Till Plains	Fluvial and Fluvio-Glacial Deposits
Present Lakes	Present Beaches <b>B5W</b> (Lake Winnipeg) <b>B5M</b> (Lake Manitoba) <b>B5D</b> (Dog Lake) <b>B5Sh</b> (Shoal Lake)  Gimli-Oak Point Stage <b>B7M</b> (Lake Manitoba) <b>B7D</b> (Dog Lake) <b>B7Sh</b> (Shoal Lake) <b>B7W</b> (Lake Winnipeg) <b>B6M</b> (Lake Manitoba)	<b>LP4</b> <b>LP3M</b> (Lake Manitoba) <b>LP3D</b> (Dog Lake) <b>LP3Sh</b> (Shoal Lake, 1 Lake) <b>LP3W</b> (Lake Winnipeg) <b>LP2W</b> (Lake Winnipeg)	<b>TP7</b>	
Proto Lakes	Teulon II Stage Teulon I Stage St. Laurent Stage <b>B6W</b> (Lake Winnipeg?) <b>B6M</b> (Protolake Winnipeg) <b>B6M</b> (Protolake Manitoba)	<b>LP1A</b> (Lake Agassiz and/or Protolakes)	<b>TP6</b>	
Transitional Period	Lundar Stage <b>B4A</b> (Lake Agassiz)		<b>TP5</b>	
Lake Agassiz	Lake Francis Stage <b>B3A</b> (Lake Agassiz)	Mainly Buried Deposits, also Shallow and Discontinuous Sediments over Till Plains, Washed Till	<b>TP4</b>	
	Narcisse Stage <b>B2A</b> (Lake Agassiz) <b>B1A</b> (Lake Agassiz)		<b>TP3</b>	
	Pre-Narcisse All Beaches occurred out of the Study Area		<b>TP2</b> <b>TP1</b>	



BASE MAP: National Topographic Series, Department of Energy, Mines and Resources, Ottawa, Map No. 62-1/3