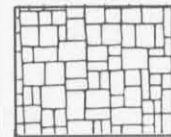























# QUATERNARY GEOLOGY AND AGGREGATE INVENTORY

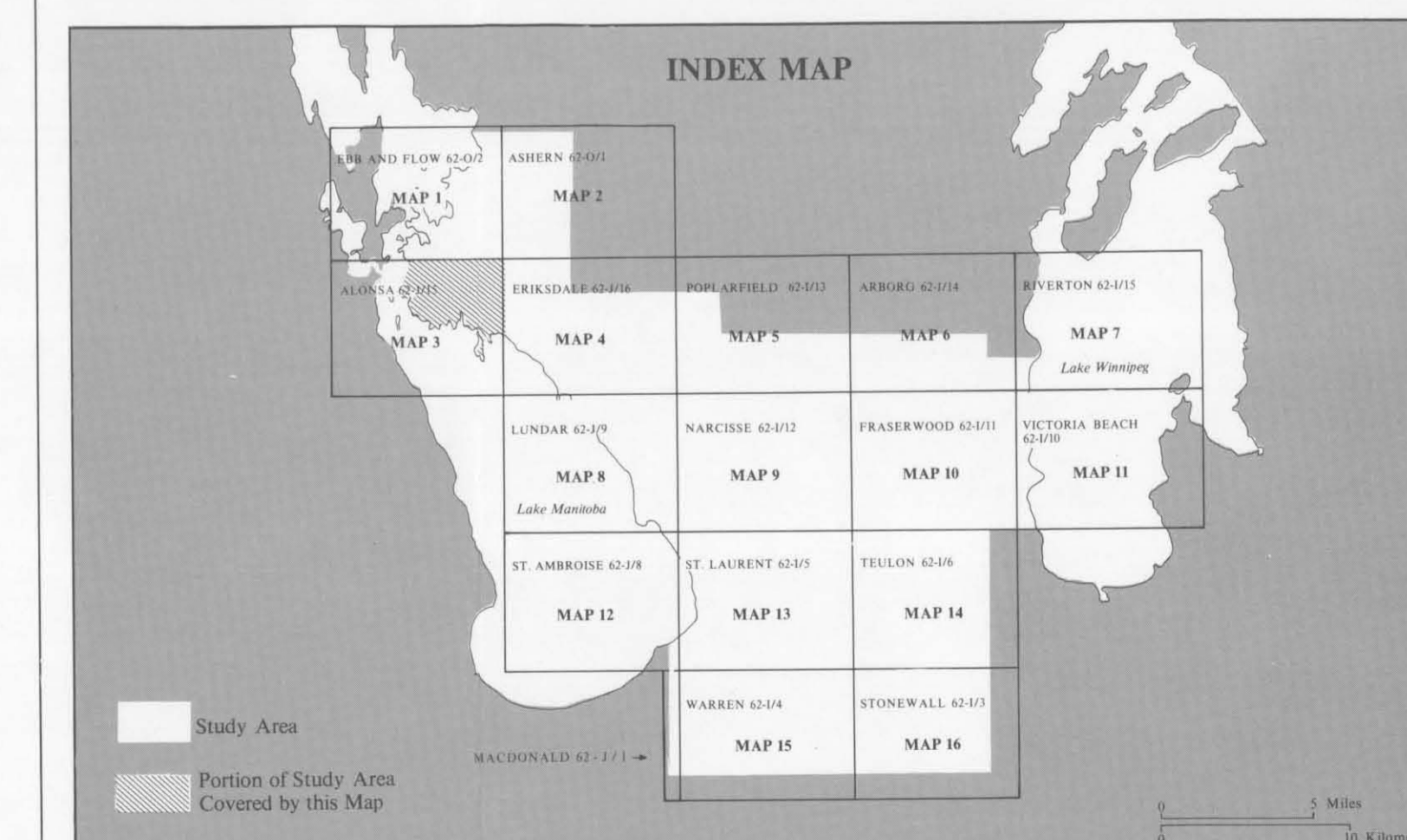
LITHOLOGY	MORPHOLOGY
 Bedrock Outcrops or Bedrock with Shallow and Discontinuous Overburden (usually Limestones, Dolostones and Related Rocks)	<b>LP1A</b> Lacustrine Plains
 Lithological Boundary of Unconsolidated Deposits	<b>B5W</b> Shoreline Identification
	 Approximate Shorelines
	<b>FG</b> Fluvial 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)
Quality of Aggregates	 Gravel Pit in Use
<b>H</b> High	 Disused Gravel Pit
<b>M</b> Medium	 Quarry
<b>L</b> Low	<b>X</b> Till Pit
 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>B5N</b> (Shoal Lake) <b>B7M</b> (Lake Manitoba) <b>B7D</b> (Dog Lake) <b>B7N</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>LP3N</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>LP1A</b> (Lake Agassiz and/or Proglacial)	<b>TP6</b>	
Transitional Period	Lundar Stage		<b>TP5</b>	<b>FG</b>
	Ossawa		<b>TP4</b>	
	Lake Francis Stage			
	Narcisse Stage		<b>TP3</b>	
			<b>TP2</b>	
			<b>TP1</b>	
Lake Agassiz		Mainly Buried Deposits, also Shallow and Discontinuous Sediments over Till Plains, Washed Till		
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. 62-3/15