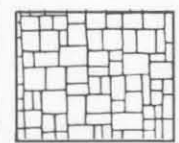
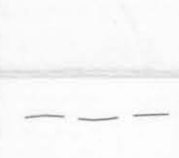





















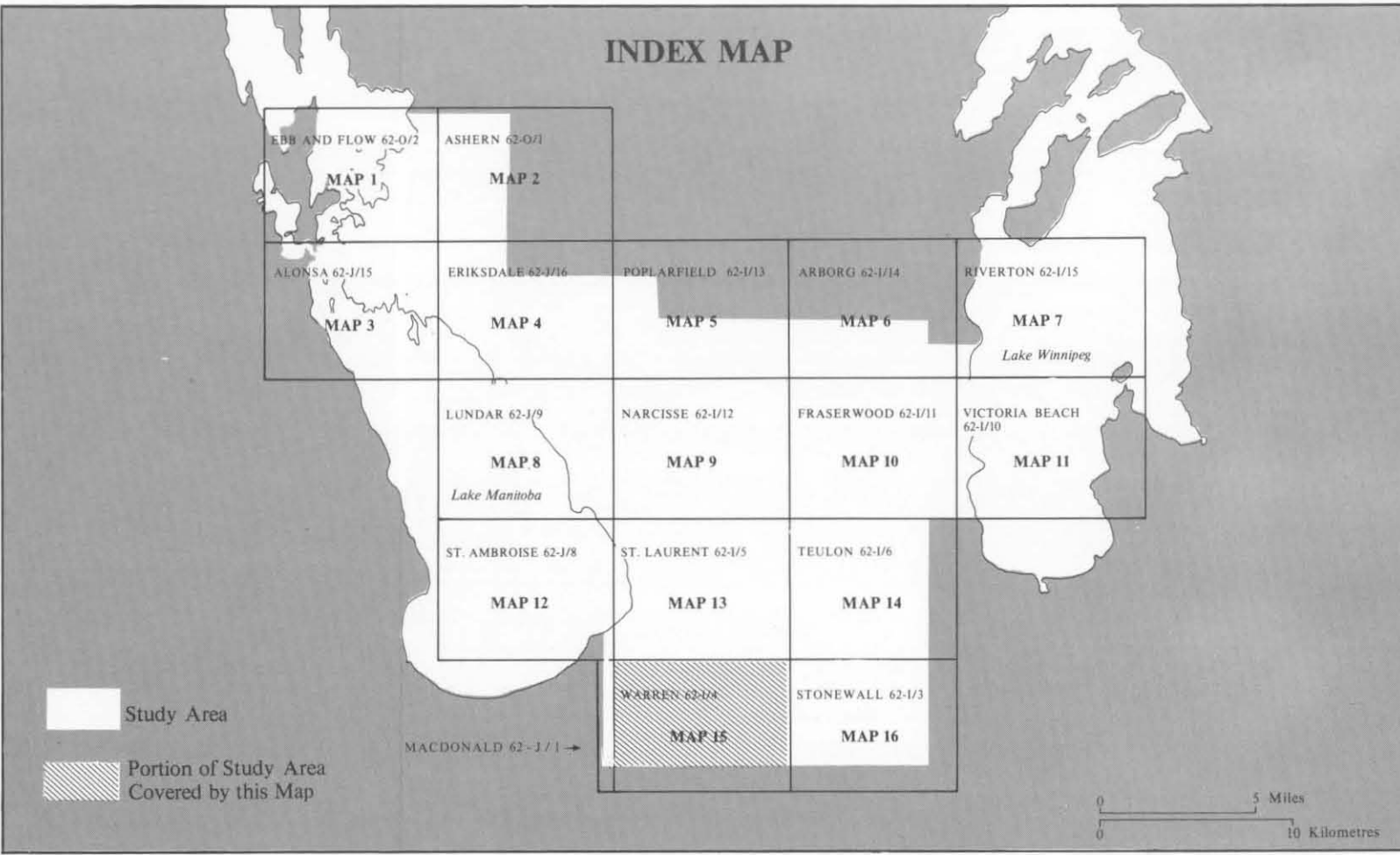


QUATERNARY GEOLOGY AND
AGGREGATE INVENTORY

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

AGGREGATE RESOURCES	
 Deposits with Isopachytes (Interval: 1 metre)	 Exposure
4534 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)
H High	 Gravel Pit in Use
M Medium	 Disused Gravel Pit
L Low	 Quarry
 Resistivity Profile	 Till Pit

QUATERNARY STRATIGRAPHY				
Evolution of the Lakes	Johnston 1986	Beaches and Shorelines (with Associated Lake)	Lacustrine Plains and Associated Deposits	Fluvial and Fluvio-Glacial Deposits
Present Lakes	Gimli	Present Beaches B_{sw} (Lake Winnipeg) B_{sw} (Lake Manitoba) B_{sw} (Dug Lake) B_{sw} (Shoal Lake) Gimli-Oak Point Stage B_{7w} (Lake Manitoba) B_{7d} (Dug Lake) B_{7sh} (Shoal Lake) B_{7w} (Lake Winnipeg) B_{6m} (Lake Manitoba)	LP 4 LP 3w (Lake Manitoba) LP 3d (Dug Lake) LP 3sh (Shoal Lake, 1 Lake) LP 3w (Lake Winnipeg) LP 2w (Lake Winnipeg)	
Proto Lakes	Stonewall	Teulon II Stage Teulon I Stage St. Laurent Stage	LP 1A (Lake Agassiz and/or Protolakes)	TP 7
Transitional Period	Ossawa	Lundar Stage B 4A (Lake Agassiz)		TP 6
Lake Agassiz	Lake Francis Stage	B 3A (Lake Agassiz)	Mainly Buried Deposits, also Shallow and Discontinuous Sediments over Till Plains, Washed Till	TP 5
	Naricisse Stage	B 2A (Lake Agassiz) B 1A (Lake Agassiz)		TP 4
	Pre-Naricisse	All Beaches occurred out of the Study Area		TP 3 TP 2 TP 1
	Campbell			



BASE MAP: National Topographic Series, Department of Energy, Mines and Resources, Ottawa, Map No. 62-14