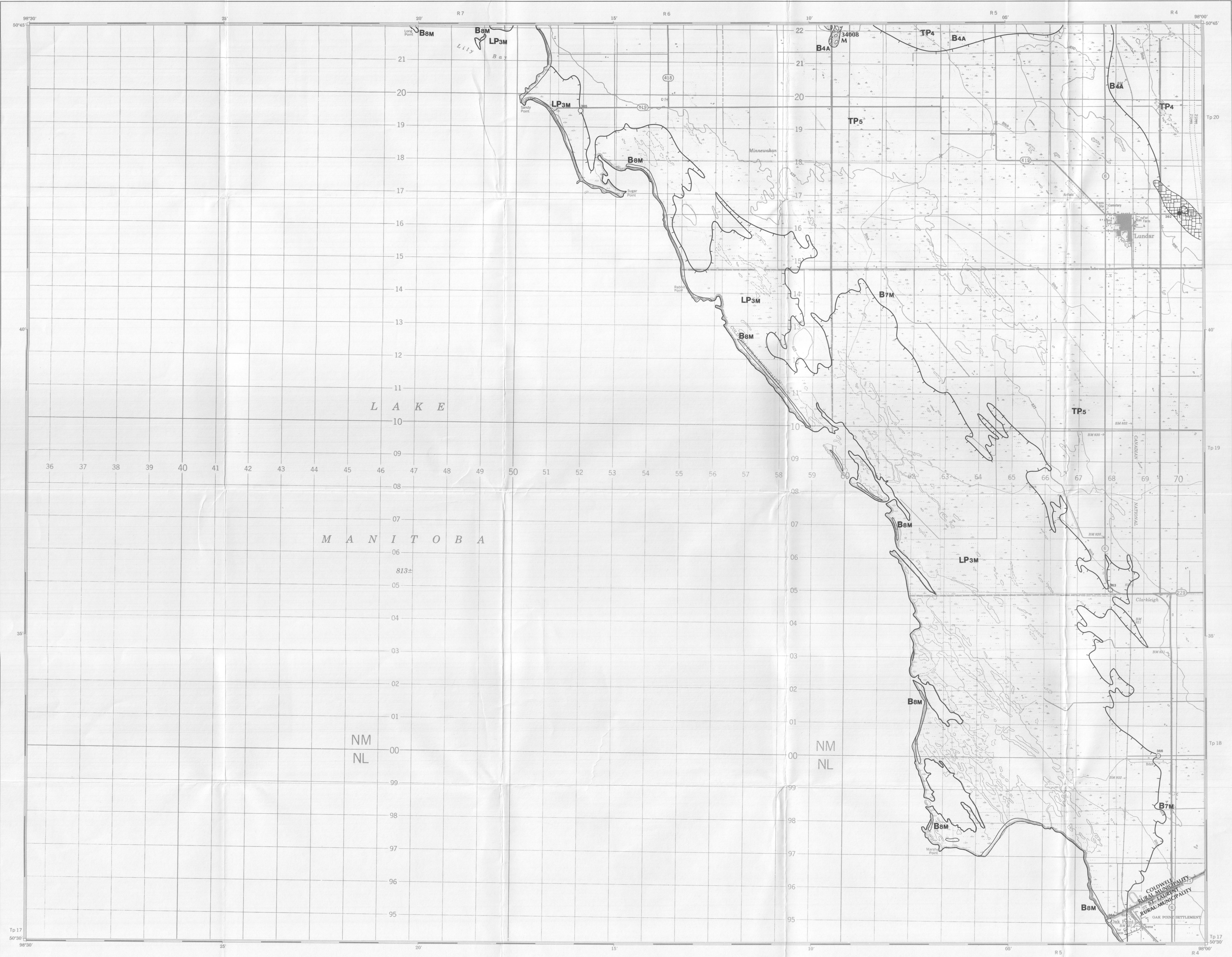


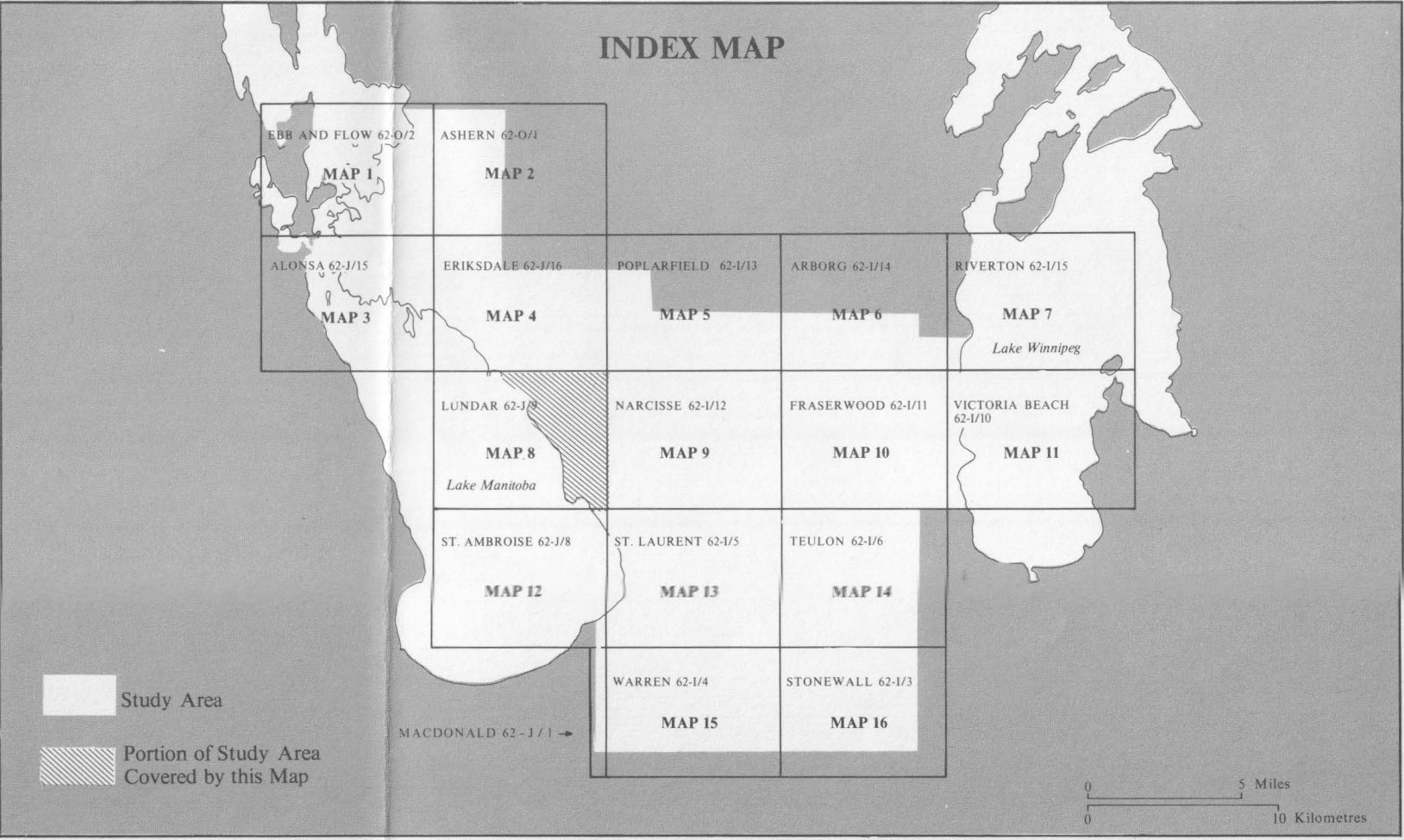
QUATERNARY GEOLOGY AND
AGGREGATE INVENTORY



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	B5w 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)
	Gravel Pit in Use
	Disused Gravel Pit
	Quarry
	Till Pit

QUATERNARY STRATIGRAPHY					
Evolution of the Lakes	Johnston-1946	Beaches and Shorelines (with Associated Lake)	Lacustrine Plains and Associated Deposits	Till Plains	Fluvial and Fluvio-Glacial Deposits
Present Lakes	Gimli	Present Beaches B5w (Lake Winnipeg) B5M (Lake Manitoba) B5D (Dog Lake) B5Sh (Shoal Lake) Gimli-Oak Point Stage B7M (Lake Manitoba) B7D (Dog Lake) B7Sh (Shoal Lake) B7W (Lake Winnipeg) B6M (Lake Manitoba)	LP 4 LP 3M (Lake Manitoba) LP 3D (Dog Lake) LP 3Sh (Shoal Lake, 1 Lake) LP 3W (Lake Winnipeg) LP 2W (Lake Winnipeg)	TP 7	
Proto Lakes	Stonewall	Teulon II Stage B5W (Lake Winnipeg?) Teulon I Stage B5W (Protolake Winnipeg) St. Laurent Stage B5M (Protolake Manitoba)	LP 1A (Lake Agassiz and/or Protolakes)	TP 6	
Transitional Period	Lundar Stage	B4A (Lake Agassiz)		TP 5	FG
	Lake Francis Stage	B3A (Lake Agassiz)		TP 4	
	Narcisse Stage	B2A (Lake Agassiz) B1A (Lake Agassiz)	Mainly Buried Deposits, also Shallow and Discontinuous Sediments over Till Plains, Washed Till	TP 3 TP 2 TP 1	
Lake Agassiz	Pre-Narcisse	All Beaches occurred out of the Study Area			



BASE MAP: National Topographic Series, Department of Energy, Mines and Resources, Ottawa, Map No. 62-1/9

