LEGEND

QUATERNARY

14 Swamp deposits: includes peat bogs and poorly drained terrain with patches of silt, clay and peat

13 Undifferentiated deposits (includes mainly deposits on valley sides and in small stream valleys): colluvium, slump debris, drift, bedrock; 13a, deposits on steepest slopes of upland flanks

12 Stream deposits (alluvium present on flood plains): sand, silt, clay, gravel

11 Wind deposits (not shown on 62N)

LATE GLACIAL AND EARLY POST-GLACIAL DEPOSITS

10 Lake deposits: clay, silt, sand; 10a, silt and clay; 10b, sand and silt; 10c, gravel and sand associated with beach complex

9 Stream terrace deposits: gravel, sand, silt. To, bouldery lag on eroded till or bedrock

8 Stream deposits (alluvium laid down in and along channels): gravel, sand, silt; 8a, silt and clay; 8b, sand and silt; 8c, gravel and sand

7 Ice contact deposits (hummocky terrain including kames and eskers): gravel, sand, silt, till; 7a, kames

6 Outwash: gravel, sand, silt; 6a, pitted: gravel and sand; 6b, non-pitted: sand and gravel; 6c, non-pitted: gravel and sand; 6d, present in deltas: sand and silt; hummocky: silt and sand, lake deposits in part

5 Moraine plateaux and rim ridges: silt, clay, gravel, till

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0092
GEOLOGICAL SURVEY OF CANADA
COMMISSION GÉOLOGIQUE DU CANADA
OTTAWA
1972

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4 Hummocky stagnation moraine (knolls, ridges and depressions exhibiting irregular and circular outlines on air photos): till, gravel, sand, silt; 4a, flat to gently undulating perhaps subdued by lakewater or meltwater erosion (strongly modified surfaces adjacent or within hummocky stagnation moraine); 4b, average relief less than 10 feet; 4c, average relief between 10 feet and 25 feet; 4d, average relief greater than 25 feet

3 Ridged recessional moraine (knolls, ridges and depressions exhibiting strong reticulate pattern on air photos with prominent linear trends transverse to ice-flow direction and subdued linear trends parallel to ice-flow direction): till; 3a, average relief less than 10 feet, modified by meltwater erosion and deposition; 3b, average relief less than 10 feet, unmodified; 3c, average relief between 10 feet and 25 feet

2 Irregular recessional moraine (undulating till plains with belts or patches of knolls, ridges and depressions): 2a, modified by lakewater or meltwater erosion and deposition; 2b, average relief less than 10 feet, unmodified; 2c, average relief between 10 feet and 25 feet (typically elongate and relatively narrow type of end moraine); 2d, average relief greater than 25 feet (typically elongate and relatively narrow type of end moraine)

1 Ground moraine (flat to broadly undulating till plains commonly moulded by glacier flow and in part reflecting the topography of the underlying bedrock); 1a, strongly modified by lakewater or meltwater erosion and deposition, includes local patches of clay, silt and sand up to 3 feet thick; 1b, flat to moderate relief,

1 (cont'd) in part modified by lakewater or meltwater erosion; 1c, broadly undulating till plain; 1d, drumlinized hill or drumlin

Bedrock outcrop X

Geological boundary (defined, approximate)

Ice-flow feature: drumlin-like ridges

Striations and grooves on boulder pavement (dominant direction)

Esker ridge: Gravel, sand, silt and till (direction of flow defined, not defined)

Slump topography

Meltwater channel or spillway

Buried or partly filled channel

Scarp or steep valley wall

Beach ridge, bar or spit