LEGEND

ORGANIC DEPOSITS: Peat and muck; occurs as poorly drained terrain such as fen and bogs; organic deposits too small to be shown at this scale occur within other units (e.g. within abandoned meltwater channels); average thichness of 3-4 m, maximum thickness 10 m ALLUVIAL (FLUVIAL) DEPOSITS: Deposits of streams and rivers, composed of well stratified to massive silt, sand and, gravel with minor clay, greater than 2 m thick Floodplain sediments: sand and silt, stratified to massive, commonly including discontinuous organic materials; in many places underlain by coarser gravel; occurs as flat surfaces close to river level; prone to periodic flooding

Terrace sediments: gravel overlain by a veneer of sand and silt; mostly well stratified; underlies level surfaces well above river level

Deltaic sediments: sand and gravel (generally greater than 2 m) underlain by silt and clay; occurs at or below present lake levels at the mouth of a stream

Fan sediments: gravel, sand, silt, and clay; poorly sorted; occurs as a fan-shaped form at the toe of slopes and where streams debouch onto flat valley floor; composition is dependent on source materials

COLLUVIAL DEPOSITS: Diamicton and rubble; material accumulated from various mass wasting processes varying from slope wash to rock falls. Composition is dependent on source materials Colluvium veneer: rock fragments in a matrix of sand, silt and clay, poorly sorted, discontinuous; commonly 1-2 m thick; mostly mapped on steep slopes (> 40°) of secondary valleys

Landslide material: sediments of various texture (dependent on source materials) with hummocky topography present at the bottom and on slopes affected by landslides; thickness generally greater than 3 m; predominantly in unconsolidated sediments; commonly but not uniquely found in terrain underlain by glaciolacustrine sediments

Colluvium on steep slopes (> 40°): cover of rock fragments in a matrix of sand, silt and clay; occurs largely in unconsolidated sediments; slopes show abundant signs of erosion such as gullies; 2-3 m thick

Colluvial apron and talus: rubble accumulations at the bottom of steep slopes (> 40°); includes high proportions of local bedrock fragments; commonly thicker

GLACIAL LAKE DEPOSITS: sand, silt, and clay deposited in a glacial lake; well stratified, commonly occurs as rhythmites with rare debris flow interbeds; sand is more abundant at elevation close to the former lake limit; outliers are common on adjacent units; contacts between subunits are gradational

Veneer of glacial lake sediments: discontinuous cover of silt with minor sand and clay; includes shallow water deposits, i.e., well sorted sand near limits of former lakes; average thickness of 1 m

Blanket of glacial lake sediments: continuous cover of silt with minor sand and clay, not thick enough to completely mask the underlying topography; generally 2-4 m thick

Rolling surface of glacial lake sediments: continuous cover of silt with minor sand and clay which masks the underlying topography; more than 4 m thick

GLACIOFLUVIAL DEPOSITS: Sand and gravel deposited by glacial meltwater. Eskers are too small to show as separate units at this scale of mapping and Glaciofluvial terrace sediments: sand and gravel, stratified to massive; occurs

as terraces interpreted as glaciofluvial in origin because of their elevation above alluvial units or location in ancient meltwater conduits; average thickness is Ice contact deposits: coarse sand and gravel, deposited in contact with glacier ice; surface is hummocky and may include kettle depressions; locally can include Gt; generally greater than 3 m thick

Blanket of glaciofluvial sediments: sand and gravel, stratified to massive; sediment cover is continuous but fails to obscure the underlying morphology;

Proglacial deltaic sediments: coarse sand and gravel, underlain by sand and silt; deposited as a delta in a glacial lake; more than 10 m thick

TILL: deposits of glacier ice; consists of rock fragments of all sizes in a sandy to clayey matrix, but usually sandy slit; includes colluvium on steeply sloping terrain and isolated outcrops, and small inclusions of glaciofluvial sediments especially in valley bottoms and where the suffix 'c' is used (abundant

Thick till, hummocky: till cover which masks the underlying topography; surface expression generally undulating with drumlinoid features common; bedrock outcrops are absent; sediment thickness greater than 3 m

Till blanket: till with scarce bedrock outcrops; more than 1 m thick

Till veneer: till with abundant bedrock outcrops; less than 1 m thick; Tv-c- area marked by abundant meltwater channels

Bedrock: mostly outcrop but with local thin patches of till and colluvium which

Steep bedrock: outcrop on steeply sloping terrain, patchy cover of till, colluvium and local bedrock fragments increase in abundance downslope; includes alpine areas typified with arêtes and cirques



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LOCATION MAP - LOCALISATION DE LA CARTE

Electrostatic plot produced by the Geological Survey of Canada

Any revisions or additional geological information known to the user

would be welcomed by the Geological Survey of Canada

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Mean magnetic declination 1996, 23°10' E, decreasing 8.8' annually. Readings vary from 22°56' E in the SE corner to 23°25' E in the NW comer of the map Elevation in feet above mean sea level

93 L/SE

93 E/NE

93 K/SW

93 F/NW

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

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