

Sediments Summary

Total- 3178.369296 ha -----NOT INCLUDING ELBOW LAKE

1a- Till Blanket: gen. continuous cover which masks bedrock morphology, few outcrops; > than 1m thick on interfluves; if streamlined: thickness commonly > 2m: small deposits of stratified sand, gravel, and boulders can occur on the down-ice end of features. - **74.36184 ha, 2.33962% of QUBS property**

1b- Till veneer: discont. cover over rock; avg thickness < 1m on interfluves, thickness locally in small depressions and on the lee sides of bedrock knobs; may include discont., thin (< 1m) pockets of sand and gravel or silty clay in low lying areas. – **2173.431 ha, 68.38194% of QUBS property**

2- Ice contact sediments: boulder and/or cobble gravel, gravelly sand, sand, minor silt and diamicton: 5 to 30 m thick; includes ice marginal subaqueous fan, esker and delta deposits. - **25.42165 ha, 0.799833 % of QUBS property.**

4a- Offshore sediments: silt, silty clay, clay, minor sand; 1 to 10m thick; laminated to massive. - **87.17302 ha, 2.742697% of QUBS property**

4b- Littoral and nearshore sediments: gravel, gravelly sand, sand, minor clay, generally well sorted; 1 to 25 m thick; includes nearshore and deltaic deposits; generally occurs as fills in topographic depressions. – **6.813903 ha, 0.214384 % of QUBS property**

7- Organic Deposits: mainly muck and peat; 1 to 5 m thick; occurs in bogs, fens, swamps and poorly drained areas. - **395.8714 ha, 12.45517% of QUBS property.**

R- Precambrian rock, undivided: medium to high grade gneiss, carbonate metasediments, metavolcanics, felsic intrusives, mafic intrusives and noncalcareous metasediments: structurally complex: mainly forming rolling or hilly rock knob uplands. - **415.2969 ha, 13.06635% of QUBS property**