



LEGEND

QUATERNARY

HOLOCENE (POSTGLACIAL)

- ORGANIC DEPOSITS, UNDIFFERENTIATED (O): undifferentiated bog and fen deposits developed in areas of poor drainage; generally greater than 1 m thick.
- ALLUVIAL SEDIMENTS, UNDIFFERENTIATED (A): gravel, sand, silt, minor clay, and organic material; deposited by active streams and rivers; forms floodplains, channel, and bank deposits; thickness estimated 2-10 m.
- COLLUVIAL SEDIMENTS, UNDIFFERENTIATED (C): gravel, sand, silt, minor clay, and organic material; a mixture of glacial deposits, weathered and frost-shattered rock formed by periods of downslope creep and/or mass movement along steep valley walls; thickness estimated 1-10 m.

PLEISTOCENE (LAST GLACIATION - LATE WISCONSINAN)

- GLACIOFLUVIAL SEDIMENTS: sand, gravel, with minor silt; well to poorly sorted, massive to stratified; sediments deposited by glacial meltwater from, or in contact with, glacial ice in a subglacial, subaqueous, or proglacial environment; forms outwash plains, deltas, kames, kame terraces, and eskers; thickness estimated 3-30 m.
- GLACIOFLUVIAL SEDIMENTS, UNDIFFERENTIATED (GF): sand, gravel, with minor silt and diamicton; well to poorly sorted, massive to stratified; thickness estimated 3-30 m.
- GLACIOFLUVIAL SEDIMENTS, KAME TERRACES AND ESKER SYSTEMS (Gfk): gravel, sand, with minor silt and diamicton; poorly to well bedded; forms steep-sided mounds or hummocks (kames), terraces on valley sides (kame terraces) and sinuous steep-sided esker ridges; deposited by glacial meltwater streams depositing sediments in holes in ice (kames), between glacier and valley slopes (kame terraces), in water (kame deltas) and tunnels in ice (eskers); thicknesses estimated 4-20 m (kames), 3-30 m (kame terraces), and 5-10 m (eskers).
- GLACIOFLUVIAL SEDIMENTS, OUTWASH PLAINS AND DELTAS (GFp): gravel, sand and minor silt; massive to horizontally stratified; forms outwash plains and topsets of Gilbert-style deltas; thickness estimated 3-30 m.
- GLACIAL SEDIMENTS (TILL): reddish-brown to greyish-brown silt to sandy diamicton derived from local and distant sources; loose to compact; boulders near surface; clast content ranges from 10 to 40%; stratified and faceted clasts of varied lithologies; sediments derived from actively flowing ice, subglacial erosion, and melt-out processes; thickness estimated < 1-20 m.
- GLACIAL SEDIMENTS, TILL VENEER (Tv): stony, silty sand diamicton; forms a discontinuous cover over bedrock and interspersed with small bedrock outcrops; mostly angular clasts; clast lithology > 90% local bedrock; geomorphology generally resembles the underlying bedrock structure; thickness estimated < 1-2 m.
- GLACIAL SEDIMENTS, STREAMLINED TILL (Ts): silty to silty sand diamicton; higher percentage of distally sourced material deposited by ice sheets centred outside of Nova Scotia; deposited by actively flowing ice, associated with larger oriented landforms; geomorphology includes drumlinoid features, fluted terrain, and crag-and-tail forms.
- GLACIAL SEDIMENTS, HUMMOCKY TILL (Th): silty sand to sandy diamicton; loose, inclusions of waterlain sediment; irregular surface topography marked by small mounds of till deposits, sediments derived from subglacial erosion and meltout processes; these deposits may represent areas occupied by stagnant ice; thickness estimated 1-10 m.
- GLACIAL SEDIMENTS, TILL BLANKET (Tb): silty sand diamicton; forms continuous cover that masks underlying bedrock topography and structure; thickness estimated > 2-20 m.

PRE-PLEISTOCENE

- BEDROCK (R): glacially scoured bedrock of various types and ages; overlain by thin, discontinuous veneer of till, shaped by glacial erosion.

Symbols

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| Station location                             | Arterial highway                     |
| Drumlin                                      | Collector highway                    |
| Roche Moutonnée (ice flow direction known)   | Local road                           |
| Glacial Striation (direction known, unknown) | Seasonal, restricted or private road |
| Geological contact                           | Trail, track                         |
| Ice flow (direction unknown)                 | Railway (active)                     |
| Esker  | River, stream                        |
|  | Boundary (county)                    |
|  | Transmission line                    |
|  | Wetlands                             |
|  | Dam                                  |
|  | Lake                                 |