



- QUATERNARY HOLOCENE**
- Fpt** FLUVIAL DEPOSITS (nonglacial alluvial floodplains, terraces, fans, and delta topsets): gravel, sand, boulders, minor silt, and mud; 1–15 m thick; deposited in braided channels.
 - Mv** Marine veneer: sand, silt, and gravel (0.5–2 m thick, discontinuous cover of littoral and offshore) and/or including beach ridges and sea-ice-related debris; minima surface of underlying till or rock. Fine-grained sediment bears a continuous vegetation cover posterior with subaqueous till.
 - GMD** GLACIAL MARINE DELTA: sand, silt, gravel, and boulders; 2–30 m thick; deposited in the high proglacial sea.
 - Gmb** Glacial marine blanket: sand, silt, boulders, and gravel; 2–20 m thick; massive to crossbedded sediments that coarsen upward in ice-contact deposits or of termination of outwash trains or meltwater channels.
 - GFpt** GLACIOFLUVIAL DELTA: gravel and sand; 1–30 m thick; deposited by meltwater behind, at, and in front of ice margins.
 - GFst** GLACIOFLUVIAL OUTWASH: stratified gravel and sand; 1–30 m thick; proglacial floodplains, terraces, and fans; includes name terraces, minor subglacial and subaqueous deposits, glacial lacustrine channel-belt deltas and fans; locally leached grade to glacial marine delta at marine limit; may include washed till surfaces with fine lines.
 - Gr** GLACIOFLUVIAL ICE-CONTACT DEPOSITS (eskers and kames): poorly stratified to sorted gravel, sand, and boulders; 5–20 m thick; forming ridges and hummocks.
- EARLY HOLOCENE AND WISCONSINAN**
- Th** Hummocky till: siltstone which may be underlain by remnant glacial ice; 1–20 m thick; ridging to hummocky; many in Frobisher Bay moraines.
 - Tb** Till blanket: diamictite; 1–10 m thick; undulating plain with minor ridges, hummocky, ridged, ribbed, or channelled areas; siltification lobes on steeper slopes; thick and moraines; minor till veneer or glaciofluvial outwash; rare glacioestuarine fines.
 - Tv** Till veneer: diamictite; 0.5–2 m thick; >40% of area is silt; <50% of area is rock ledges and boulders; local topography is evident; minor till blanket; minor colluvium, including talus, colluvial fans, siltification lobes, and unconfined valley-bottom deposits; minor washed till boulder fields.
- QUATERNARY AND PRE-QUATERNARY**
- CI** Ordovician limestone.
 - Ps** Classic meta-sedimentary rocks of Paleoproterozoic Sukluk and Lake Harbour groups and Baffin Bay assemblage.
 - Ec** Marble of Paleoproterozoic Lake Harbour Group.
 - APt** Tonalite-monzonitic orthogneiss of Archean Superior Province and of Paleoproterozoic Narsajuaq arc and Ramsey River.
 - Eg** Metagranite of Paleoproterozoic Cumberland batholith.

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 Geology by D.A. Hodgson, 1995–1997, 1999
 Digital map compilation by D.A. Hodgson, 1997–2002
 Digital cartography by E. Everett, Earth Sciences Sector Information Division (ESS Info)
 This map was produced from processes that conform to the ESS Info Publishing Services Subdivision Quality Management System. Ottawa, registered to the ISO 9001:2000 standard.
 Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada.
 Digital base map from data compiled by Geomatics Canada, modified by ESS Info.
 Mean magnetic declination 2003, 33°28' W, decreasing 23.9' annually. Readings vary from 32°51' W in the SW corner to 34°02' W in the NE corner of the map.
 Elevations in metres above mean sea level.

REFERENCE
 St-Onge, M.R., Scott, D.J., and Wodicka, N. 1999. Geology. In: The Nunavut Geological Survey of Canada, Map 1903A, scale 1:100 000.

Map no.	Age ^a	Lab. identification	Elev. (m)	Material
1	9875 ± 130	QC-803	27	Molluscs
2	9905 ± 100	AA-15125	52	Molluscs
3	8955 ± 75	AA-17861	28	Molluscs
4	8955 ± 75	AA-15131	28	Molluscs
5	8880 ± 110	GSC-5895	66	Molluscs
6	8820 ± 75	AA-15127	11	Molluscs
7	8710 ± 120	GSC-3157	82	Molluscs
8	8700 ± 90	AA-16403	4	Molluscs
9	8630 ± 75	AA-15126	84	Molluscs
10	8590 ± 100	GSC-3665	29	Molluscs
11	8230 ± 240	GSC-462	87	Molluscs
12	7985 ± 130	QC-804	32	Molluscs
13	7925 ± 75	AA-15130	18	Molluscs
14	7760 ± 70	AA-15128	38	Molluscs
15	7655 ± 70	AA-15129	30	Molluscs
16	7595 ± 130	Beta-1872	15	Molluscs
17	7425 ± 110	Beta-1871	14	Molluscs
18	5420 ± 90	GSC-6204	250	Plant material
19	4440 ± 70	GSC-6208	250	Plant material
20	3660 ± 60	GSC-6226	250	Plant material



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 2002. Surficial geology, Hidden Bay, Baffin Island, Nunavut. Geological Survey of Canada, Map 2043A, scale 1:100 000.