



LEGEND

This legend is common to maps 2042A, 2043A, 2044A, 2045A, 2046A, 2047A, and 2048A. Coloured legend blocks indicate map units that appear on this map. Not all map symbols shown in the legend appear on this map.

QUATERNARY HOLOCENE

- Fp** FLUVIAL DEPOSITS (nonglacial alluvial floodplain, terrace, fan, and delta deposits): gravel, sand, boulders, minor silt, and mud; 1-10 m thick; deposited in streambeds.
- MV** MARINE DEPOSITS: sediments deposited during postglacial regression of a high sea level.
- GMd** Marine terrace: sand, silt, and gravel; 0.5-2 m thick; discontinuous cover of littoral and offshore sediment including beach ridges and sea-ice-washed debris; mimics surface of underlying silt or rock. Fine-grained sediment bears a continuous vegetation cover patterned with subvertical ribs.
- GMt** GLACIAL MARINE DEPOSITS: sand, silt, gravel, and boulders; 2-30 m thick; deposited in the high proglacial sea.
- GMD** Glacial marine delta: sand, silt, gravel, and boulders; 2-30 m thick; massive to crossbedded sediments that coarsen upwards in ice-contact deposits or at termination of outwash trains or meltwater channels.
- GMf** Glacial marine blanket: sand, silt, minor gravel, and drapstones; 2-30 m thick; deposited from suspension and iceberg rafting; locally capped by Holocene marine regression sediments.
- GMp** GLACIOFLUVIAL DEPOSITS: gravel and sand; 1-30 m thick; deposited by meltwater behind, at, and in front of ice margins.
- Gr** Glaciofluvial ice-contact deposits (esters 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: claststone which may be underlain by remnant glacial ice; 1-20 m thick; rilling to hummocky; mainly in Frobisher Bay moraines.
- Tb** Till blanket: dimension: 1-10 m thick; underlying plain with minor ridges, hummocky, ridged, ribbed, or channelled areas; suffusion lobes on steeper slopes; thick and massive; minor silt veneer or glaciofluvial outwash; rare glacioestuarine fines.
- Tv** Till veneer: dimension: 0.5-2 m thick; <40% of area is silt; <60% of area is rock ridges and knobs, and rubble; bedded topography is evident; minor silt blanket; minor colluvium; including talus, colluvial fans, suffusion lobes, and undifferentiated water-lain deposits; minor washed silt boulder beds.

QUATERNARY AND PRE-QUATERNARY

BEDROCK AND ROCK WEATHERING PRODUCTS: intact and frost-torn outcrops, discontinuous cover of rubble, boulders, gravel, sand, and minor silt; generally accreted to frost level or disorganized outcrop; <40% of area is silt; <60% of area is rock ridges and knobs, and rubble; bedded topography is evident; minor silt blanket; minor colluvium, including talus, colluvial fans, suffusion lobes, and undifferentiated water-lain deposits; minor washed silt boulder beds.

- Oi** Ordovician limestone.
- Ps** Classic metasedimentary rocks of Paleoproterozoic Sukluk and Lake Harbour groups and Bafford Bay assemblage.
- Pc** Marble of Paleoproterozoic Lake Harbour Group.
- APt** Tonalite monzogranite orthogneiss of Archean Superior Province and of Paleoproterozoic Managapoc and Rameau River.
- Pg** Monzogranite of Paleoproterozoic Cumberland batholith.

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 Information Quality Management System, Ottawa, registered to the ISO 9001:2000 standard.
 Any revisions or additional geological information known to the user should be indicated by the Geological Survey of Canada.
 Digital base map from data compiled by Geomatics Canada, modified by ESS Info.
 Mean magnetic declination 2003, 32°48' W, decreasing 23.1' annually. Readings vary from 32°11' W in the SW corner to 32°22' W in the NE corner of the map.
 Elevations in metres above mean sea level.

Map no.	Age ¹	Lab. identification	Elev. (m)	Material
1	43 300	AA-7077	0.3	Mollusc
2	5045 ± 55	AA-1052	35	Mollusc
3	7860 ± 60	AA-7803	73	Mollusc
4	7880 ± 140	GSC-433	84	Mollusc
5	7885 ± 250	GSC-137	75	Mollusc
6	7895 ± 65	AA-7892	57	Mollusc
7	7480 ± 160	GSC-204	43	Mollusc
8	7185 ± 120	GSC-138	45	Mollusc
9	4890 ± 300	GSC-1382	14	Charred fat
10	4480 ± 100	GaK-1281	14	Charred fat
11	4087 ± 73	P-707	12	Charred fat
12	3880 ± 150	M-1532a	8	Charred fat
13	3850 ± 150	M-1529b	8	Charred fat
14	3814 ± 69	P-708	18	Charred fat
15	3770 ± 140	GSC-496	3	Mollusc
16	3577 ± 69	P-710	15	Charred fat
17	3480 ± 200	M-1531	11	Charred fat
18	3390 ± 210	GSC-1051	18	Charred fat
19	2543 ± 83	P-689	10	Charred fat
20	2658 ± 50	P-688	6	Charred fat
21	2410 ± 120	M-1535	12	Charred fat
22	2390 ± 150	M-1538	6	Charred fat
23	2380 ± 80	GaK-1284	12	Soil, twigs
24	2370 ± 100	GaK-1286	12	Twig
25	2280 ± 100	GaK-1280	8	Soil, twigs
26	2260 ± 140	GSC-499	6	Charred fat
27	2250 ± 130	M-1528A	6	Charred fat
28	2220 ± 100	GaK-1279	12	Sod
29	2200 ± 120	M-1534	8.5	Charred fat
30	2180 ± 120	M-1530a	10	Charred fat
31	2110 ± 80	GaK-1287	12	Baten
32	2040 ± 130	GSC-794	8.5	Driftwood
33	2010 ± 80	GaK-1493	12	Charred fat
34	1916 ± 61	P-704	12	Plant material
35	1870 ± 110	GaK-1494	12	Sod
36	1827 ± 51	P-705	12	Twig
37	1790 ± 120	M-1530b	10	Charred fat
38	1780 ± 130	GSC-708	38	Organic debris
39	1670 ± 100	M-1533	4	Charred fat
40	1470 ± 110	M-1503	4	Charcoal
41	1400 ± 80	GaK-1285	12	Sod
42	680 ± 180	GSC-591	78	Peat
43	580 ± 80	GSC-138	12	Twig

Table 1. Summary of radiocarbon dates. ¹For marine material, the normalized age (machine age corrected to a δ¹³C = -25‰) is given where available, otherwise the uncorrected age is given. For marine organisms, when the hydrocarbon is known the age is corrected following GSC convention to a δ¹³C = 0‰, which is equivalent to subtracting a marine reservoir effect of 460 years from a normalized age; otherwise the uncorrected age (which incorporates the marine reservoir effect) is given.

