

LEGEND

This legend is common to maps 2042A, 2043A, 2044A, 2045A, 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

- Fp1** FLUVIAL DEPOSITS (nonglacial alluvial floodplains, terraces, fans, and delta deposits): gravel, sand, boulders, minor silt, and mud; 1-10 m thick; deposited in broadplains.
- Mv** Marine veneer: sand, silt, and gravel; 0.5-2 m thick; discontinuous cover of littoral and offshore sand and silt; locally ridged and low-relief dunes; minor surface of underlying till or rock. Fine-grained sediment bears continuous vegetation cover patterned with subparallel ribs.
- Gmd** Glacial marine delta: sand, silt, boulders, and gravel; 2-30 m thick; massive to unbedded sediments that coarsen upwards in ice-contact deposits or at termination of outwash trains or meltwater channels.
- Gmb** Glacial marine blanket: sand, silt, minor gravel, and dropstones; 2-30 m thick; deposited from suspension and iceberg rafting; locally capped by Holocene marine regression sediments.
- Gfpt** 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 (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: distinct till which may be underlain by remnant glacial ice; 1-20 m thick; rolling to hummocky; mostly in Frobisher Bay moraines.
- Tb** Till blanket: diamictic; 1-10 m thick; undulating plain with minor ridges, hummocky, ridged, ribbed, or channelled areas; softening lobes on steeper slopes; thick and morainic; minor till veneer or glaciofluvial outwash; rare glacioisostatic lines.
- Tv** Till veneer: diamictic; 0.5-2 m thick; >40% of area is till; <40% of area is rock ledges and boulders; includes some terraces, minor and local faults including till from which finer fraction was washed by glacial meltwater or a higher sea; and colluvium; very minor fluvial deposits, thick, or talus; minor moraine and alluvial deposits; topography variable from rolling to rough with some minor and moderate ridges and scaps. Vegetation continuous to abundant; low Arctic to mid-Arctic; depending on substrate, exposure, and elevation. Subdivided into A, B, C, D, E, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.

QUATERNARY AND PRE-QUATERNARY

- CI** Ordovician limestone.
- Ps** Classic metasedimentary rocks of Paleoproterozoic Sukkig and Lake Harbour groups and Baffin Bay assemblage.
- Pc** Marble of Paleoproterozoic Lake Harbour Group.
- AP1** Tonalite-monzonite orthogneiss of Archean Superior Province and of Paleoproterozoic Nainian and Restoule River.
- Pg** Monzogranite of Paleoproterozoic Cumberland batholith.

REFERENCE

St-Onge, M.R., Scott, D.J., and Wedekind, K. 1999. Geology, Frobisher Bay, Nunavut, Geological Survey of Canada, Map 1970A, scale 1:100 000.

Map no.	Age ¹	Lab. Identification	Elev. (m)	Material
1	8450 ± 190	GX-8159	39	Mollusc
2	8225 ± 450	GX-8698	1	Bulk organics
3	7950 ± 70	AA-19123	16	Mollusc
4	7910 ± 100	QC-809	5	Mollusc
5	7510 ± 320	QC-802	34	Mollusc
6	7380 ± 220	GSC-2771	11	Mollusc
7	7340 ± 136	QC-201	13	Mollusc
8	7090 ± 175	GX-8160	16	Mollusc
9	7080 ± 120	GSC-5903	1	Mollusc
10	6730 ± 170	GSC-404	15	Mollusc
11	6440 ± 160	GSC-633	3	Mollusc
12	6430 ± 225	GX-8665	2	Bulk organics
13	6140 ± 170	GSC-503	15	Mollusc
14	4905 ± 100	AA-6526	15.5	Humic acids
15	4140 ± 150	GSC-846	15	Charcoal
16	3905 ± 75	AA-6525	15.5	Humic acids
17	2575 ± 140	GX-8385	<30	Peat
18	2035 ± 70	Beta-1087	<30	Peat
19	1420 ± 70	Beta-1022	<30	Peat
20	1345 ± 135	GX-8394	<30	Peat
21	955 ± 130	GX-8380	17	Peaty sand
22	905 ± 100	Beta-1086	<30	Peat
23	605 ± 150	GX-8383	<30	Peat
24	680 ± 50	AECV-1708C	10	Bone
25	740 ± 70	AECV-1349C	16	Bone
26	740 ± 60	AECV-1350C	16	Wood
27	610 ± 150	AA-6524	15.5	Humic acids
28	550 ± 60	AECV-1348C	6	Bone
29	480 ± 70	AECV-1351C	8	Bone
30	475 ± 125	GX-8381	17	Peaty sand
31	445 ± 150	GSC-867	21	Mollusc
32	420 ± 125	GX-8382	<30	Peat

Table 1. Summary of radiocarbon dates. ¹For nonmarine material, the normalized age (machine age corrected to a δ¹³C = -25‰) is given where available; otherwise the uncorrected age is given. For marine organics, where the radiocarbon age is known the age is corrected following GSC convention to a δ¹³C = 0‰, which is equivalent to subtracting a marine reservoir effect of 400 years from a normalized age; otherwise the uncorrected age (which incorporates the marine reservoir effect) is given.

MAP 2042A
SURFICIAL GEOLOGY
FROBISHER BAY
BAFFIN ISLAND
NUNAVUT

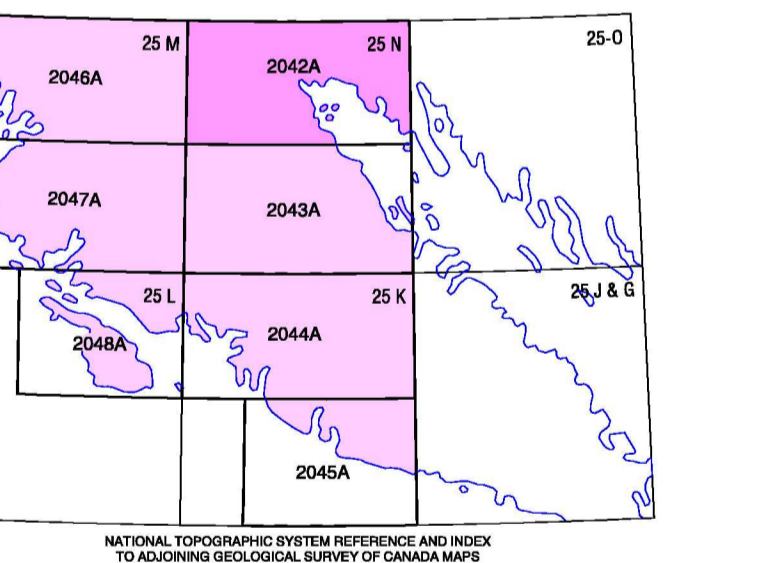
Scale 1:100 000 / Échelle 1/100 000

Map 2042A
SURFICIAL GEOLOGY
FROBISHER BAY
BAFFIN ISLAND
NUNAVUT

Scale 1:100 000 / Échelle 1/100 000

United Transverse Mercator Projection
North American Datum 1927
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Projection transverse universelle de Mercator
Système de référence géodésique nord-américain, 1927
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Geological Survey of Canada, Map 2042A, scale 1:100 000.