

LEGEND

- 18** Areas of thick glacial drift, mostly moraine outcrops of bedrock are very sparse or absent; Banks and Victoria Islands
- 19** Areas of undifferentiated glacial drift and Boulder Formation that forms thin cover over Eureka Sound Formation. Former outcrops of Eureka Sound Formation in area are indicated; Banks Island
- LATE TERTIARY AND PLEISTOCENE**
- 17** BEAUFORT FORMATION: gravel, sand, minor silt, peat, driftwood; Banks Island
- CRETACEOUS AND TERTIARY**
- 16** EUREKA SOUND FORMATION: sand, siltstone, shale, minor subvolcanic rock; Banks Island
- CRETACEOUS**
- 15** CHRISTOPHER FORMATION: shale, minor sandstone, conglomerate; Banks Island
- 14** ISACHSEN FORMATION: sandstone, conglomerate sandstone; Banks Island
- DEVONIAN**
- 13** MELVILLE ISLAND FORMATION: sandstone, minor siltstone, shale, limestone; Banks Island
- 12** BLUE FJORD FORMATION: limestone, minor dolomite, shale; Victoria Island
- SILURIAN**
- 11** READ BAY GROUP: 11a, limestone with minor dolomite; 11b, shale (includes 11c); 11c, dolomite (includes 11b)
- CAMBRIAN, ORDOVICIAN AND SILURIAN**
- 10** 10a, Cambrian; sandstone, minor shale, siltstone, dolomite (traced separately only in south coastal region of Victoria Island, outcrops included in map units 10b, 10c, 10d, 10e, 10f, 10g, 10h, 10i, 10j, 10k, 10l, 10m, 10n, 10o, 10p, 10q, 10r, 10s, 10t, 10u, 10v, 10w, 10x, 10y, 10z, 10aa, 10ab, 10ac, 10ad, 10ae, 10af, 10ag, 10ah, 10ai, 10aj, 10ak, 10al, 10am, 10an, 10ao, 10ap, 10aq, 10ar, 10as, 10at, 10au, 10av, 10aw, 10ax, 10ay, 10az, 10ba, 10bb, 10bc, 10bd, 10be, 10bf, 10bg, 10bh, 10bi, 10bj, 10bk, 10bl, 10bm, 10bn, 10bo, 10bp, 10bq, 10br, 10bs, 10bt, 10bu, 10bv, 10bw, 10bx, 10by, 10bz, 10ca, 10cb, 10cc, 10cd, 10ce, 10cf, 10cg, 10ch, 10ci, 10cj, 10ck, 10cl, 10cm, 10cn, 10co, 10cp, 10cq, 10cr, 10cs, 10ct, 10cu, 10cv, 10cw, 10cx, 10cy, 10cz, 10da, 10db, 10dc, 10dd, 10de, 10df, 10dg, 10dh, 10di, 10dj, 10dk, 10dl, 10dm, 10dn, 10do, 10dp, 10dq, 10dr, 10ds, 10dt, 10du, 10dv, 10dw, 10dx, 10dy, 10dz, 10ea, 10eb, 10ec, 10ed, 10ee, 10ef, 10eg, 10eh, 10ei, 10ej, 10ek, 10el, 10em, 10en, 10eo, 10ep, 10eq, 10er, 10es, 10et, 10eu, 10ev, 10ew, 10ex, 10ey, 10ez, 10fa, 10fb, 10fc, 10fd, 10fe, 10ff, 10fg, 10fh, 10fi, 10fj, 10fk, 10fl, 10fm, 10fn, 10fo, 10fp, 10fq, 10fr, 10fs, 10ft, 10fu, 10fv, 10fw, 10fx, 10fy, 10fz, 10ga, 10gb, 10gc, 10gd, 10ge, 10gf, 10gg, 10gh, 10gi, 10gj, 10gk, 10gl, 10gm, 10gn, 10go, 10gp, 10gq, 10gr, 10gs, 10gt, 10gu, 10gv, 10gw, 10gx, 10gy, 10gz, 10ha, 10hb, 10hc, 10hd, 10he, 10hf, 10hg, 10hh, 10hi, 10hj, 10hk, 10hl, 10hm, 10hn, 10ho, 10hp, 10hq, 10hr, 10hs, 10ht, 10hu, 10hv, 10hw, 10hx, 10hy, 10hz, 10ia, 10ib, 10ic, 10id, 10ie, 10if, 10ig, 10ih, 10ii, 10ij, 10ik, 10il, 10im, 10in, 10io, 10ip, 10iq, 10ir, 10is, 10it, 10iu, 10iv, 10iw, 10ix, 10iy, 10iz, 10ja, 10jb, 10jc, 10jd, 10je, 10jf, 10jg, 10jh, 10ji, 10jj, 10jk, 10jl, 10jm, 10jn, 10jo, 10jp, 10jq, 10jr, 10js, 10jt, 10ju, 10jv, 10jw, 10jx, 10jy, 10jz, 10ka, 10kb, 10kc, 10kd, 10ke, 10kf, 10kg, 10kh, 10ki, 10kj, 10kl, 10km, 10kn, 10ko, 10kp, 10kq, 10kr, 10ks, 10kt, 10ku, 10kv, 10kw, 10kx, 10ky, 10kz, 10la, 10lb, 10lc, 10ld, 10le, 10lf, 10lg, 10lh, 10li, 10lj, 10lk, 10ll, 10lm, 10ln, 10lo, 10lp, 10lq, 10lr, 10ls, 10lt, 10lu, 10lv, 10lw, 10lx, 10ly, 10lz, 10ma, 10mb, 10mc, 10md, 10me, 10mf, 10mg, 10mh, 10mi, 10mj, 10mk, 10ml, 10mn, 10mo, 10mp, 10mq, 10mr, 10ms, 10mt, 10mu, 10mv, 10mw, 10mx, 10my, 10mz, 10na, 10nb, 10nc, 10nd, 10ne, 10nf, 10ng, 10nh, 10ni, 10nj, 10nk, 10nl, 10nm, 10nn, 10no, 10np, 10nq, 10nr, 10ns, 10nt, 10nu, 10nv, 10nw, 10nx, 10ny, 10nz, 10oa, 10ob, 10oc, 10od, 10oe, 10of, 10og, 10oh, 10oi, 10oj, 10ok, 10ol, 10om, 10on, 10oo, 10op, 10oq, 10or, 10os, 10ot, 10ou, 10ov, 10ow, 10ox, 10oy, 10oz, 10pa, 10pb, 10pc, 10pd, 10pe, 10pf, 10pg, 10ph, 10pi, 10pj, 10pk, 10pl, 10pm, 10pn, 10po, 10pp, 10pq, 10pr, 10ps, 10pt, 10pu, 10pv, 10pw, 10px, 10py, 10pz, 10qa, 10qb, 10qc, 10qd, 10qe, 10qf, 10qg, 10qh, 10qi, 10qj, 10qk, 10ql, 10qm, 10qn, 10qo, 10qp, 10qq, 10qr, 10qs, 10qt, 10qu, 10qv, 10qw, 10qx, 10qy, 10qz, 10ra, 10rb, 10rc, 10rd, 10re, 10rf, 10rg, 10rh, 10ri, 10rj, 10rk, 10rl, 10rm, 10rn, 10ro, 10rp, 10rq, 10rr, 10rs, 10rt, 10ru, 10rv, 10rw, 10rx, 10ry, 10rz, 10sa, 10sb, 10sc, 10sd, 10se, 10sf, 10sg, 10sh, 10si, 10sj, 10sk, 10sl, 10sm, 10sn, 10so, 10sp, 10sq, 10sr, 10ss, 10st, 10su, 10sv, 10sw, 10sx, 10sy, 10sz, 10ta, 10tb, 10tc, 10td, 10te, 10tf, 10tg, 10th, 10ti, 10tj, 10tk, 10tl, 10tm, 10tn, 10to, 10tp, 10tq, 10tr, 10ts, 10tt, 10tu, 10tv, 10tw, 10tx, 10ty, 10tz, 10ua, 10ub, 10uc, 10ud, 10ue, 10uf, 10ug, 10uh, 10ui, 10uj, 10uk, 10ul, 10um, 10un, 10uo, 10up, 10uq, 10ur, 10us, 10ut, 10uu, 10uv, 10uw, 10ux, 10uy, 10uz, 10va, 10vb, 10vc, 10vd, 10ve, 10vf, 10vg, 10vh, 10vi, 10vj, 10vk, 10vl, 10vm, 10vn, 10vo, 10vp, 10vq, 10vr, 10vs, 10vt, 10vu, 10vv, 10vw, 10vx, 10vy, 10vz, 10wa, 10wb, 10wc, 10wd, 10we, 10wf, 10wg, 10wh, 10wi, 10wj, 10wk, 10wl, 10wm, 10wn, 10wo, 10wp, 10wq, 10wr, 10ws, 10wt, 10wu, 10wv, 10ww, 10wx, 10wy, 10wz, 10xa, 10xb, 10xc, 10xd, 10xe, 10xf, 10xg, 10xh, 10xi, 10xj, 10xk, 10xl, 10xm, 10xn, 10xo, 10xp, 10xq, 10xr, 10xs, 10xt, 10xu, 10xv, 10xw, 10xx, 10xy, 10xz, 10ya, 10yb, 10yc, 10yd, 10ye, 10yf, 10yg, 10yh, 10yi, 10yj, 10yk, 10yl, 10ym, 10yn, 10yo, 10yp, 10yq, 10yr, 10ys, 10yt, 10yu, 10yv, 10yw, 10yx, 10yy, 10yz, 10za, 10zb, 10zc, 10zd, 10ze, 10zf, 10zg, 10zh, 10zi, 10zj, 10zk, 10zl, 10zm, 10zn, 10zo, 10zp, 10zq, 10zr, 10zs, 10zt, 10zu, 10zv, 10zw, 10zx, 10zy, 10zz
- 9** Gabbro dykes and sills; sills not mapped; intrusive 2-B; Victoria Island
- 8** NATKUSIAK FORMATION: basalt flows, minor agglomerate; Victoria Island
- LATE PRECAMBRIAN**
- 7** SHALER GROUP (3-7): 7a, quartzite, gneiss, amphibolite, shale, sandstone, limestone, siltstone, dolomite; Victoria Island
- 6** WYNNIATT FORMATION: limestone, minor dolomite, shale, sandstone; Victoria Island
- 5** MINTO INLET FORMATION: gneiss, amphibolite, minor sandstone, limestone, shale, dolomite, siltstone; Victoria Island
- 4** REYNOLDS POINT FORMATION: limestone, sandstone, minor siltstone, shale; Victoria Island
- 3** GLENELG FORMATION: sandstone, limestone, shale, siltstone, dolomite, conglomerate; Banks and Victoria Islands
- EARLY PRECAMBRIAN**
- 2** Granite; Victoria Island
- 1** Quartzite; minor micaceous quartzite, hematitic quartzite, gneiss; Victoria Island

Geological boundary (defined, approximate, assumed)
 Boundaries of thick glacial drift, and undifferentiated glacial drift and Boulder Formation
 Bedding (horizontal, inclined)
 Fault (defined, approximate, assumed; solid circle indicates downthrown side)
 Anticline (defined, approximate)
 Syncline (defined, approximate)
 Joints (vertical)
 Fossil locality (numbers referred to in text)

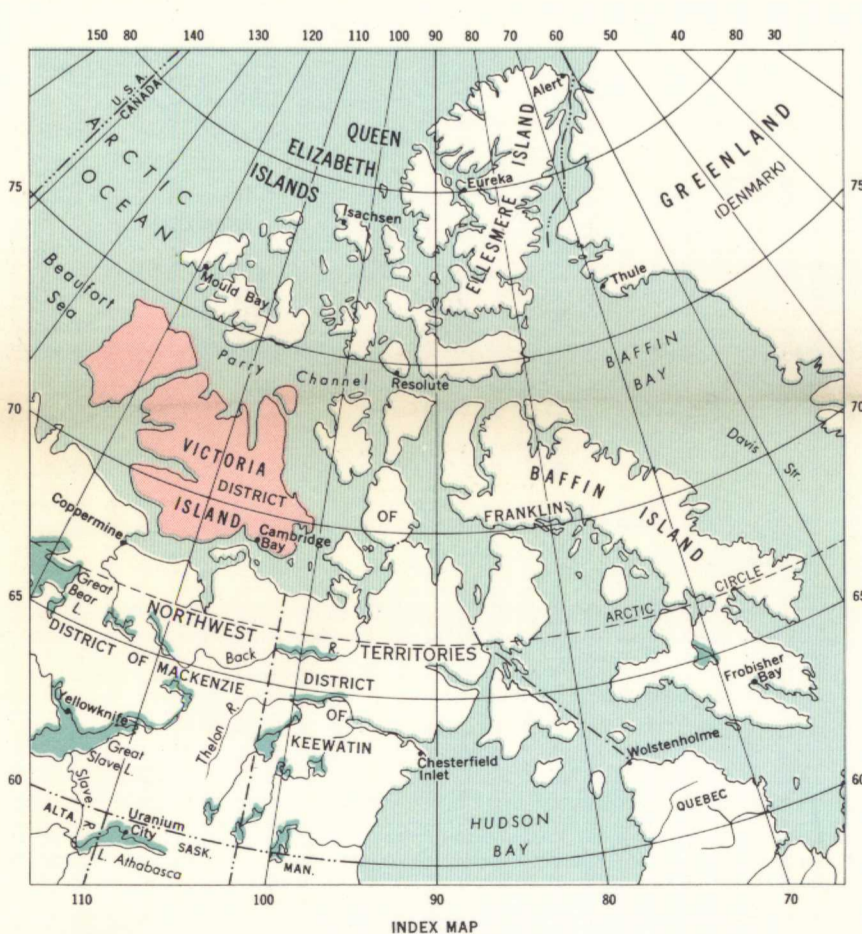
NOTE: A Precambrian age for the Shaler Group is confirmed by recent Potomac-age age determination of 615 and 640 million years for two sills (map-unit 9) intersecting the Glenelg Formation map-unit 3) near the head of Clancy Bay.

Geology by R.L. Christie, J.G. Fyfe, R. Thomson and E.T. Toser, 1959

To accompany G.S.C. Memoir 330 by R. Thomson and E.T. Toser

As strip
 Approximate height in feet above sea-level, by aneroid 1000, 400

Cartography by the Geological Survey of Canada, 1962



GEOLOGICAL SURVEY OF CANADA
 DEPARTMENT OF MINES AND TECHNICAL SURVEYS
 MAP 1135A
 GEOLOGY
BANKS, VICTORIA, AND STEFANSSON ISLANDS
 DISTRICT OF FRANKLIN
 Scale: One Inch to 15.78 Miles = $\frac{1}{1,000,000}$
 Miles 0 10 20 30 40 50 60
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