

Sections along lines A-B-C, D-E-F, and G-H
VERTICAL SCALE, 1 INCH TO 2 MILES

SHEET 104 N

LEGEND

- QUATERNARY**
PLEISTOCENE AND RECENT
17 Glacial drift; alluvium
- TERTIARY AND QUATERNARY**
16 Olivine basalt and scoria; 16a, Tertiary; 16b, Pleistocene
- TERTIARY (?)**
15 15a, quartz monzonite; 15b, granophyre; 15c, gabbro and diorite
- CRETACEOUS OR TERTIARY**
SLOKO GROUP
14 Undifferentiated granitic rocks; 12a, Black Mountain body, 12b, Fourth of July Creek body; 12c, pink granite; 12d, Mount McMaster body; 12e, diorite; 12f, alkaline granite
- CRETACEOUS**
13 13a, alkali; 13b, quartz monzonite
- JURASSIC** (May be in part older and younger)
COAST INTRUSIONS
12 Undifferentiated granitic rocks; 12a, Black Mountain body, 12b, Fourth of July Creek body; 12c, pink granite; 12d, Mount McMaster body; 12e, diorite; 12f, alkaline granite
- JURASSIC**
LABERGE GROUP
11 Volcanic greywacke, siltstone, mudstone, shale, conglomerate, minor concretionary sandy limestone
- TRIASSIC (?)**
10 Greywacke, chert, argillite, conglomerate, tuff, slate, greenstone, impure limestone, jasper
- PENNSYLVANIAN AND PERMIAN**
ATLIN INTRUSIONS
9a, 9b, 9c, 9d, 9e, 9f, 9g, 9h, 9i, 9j, 9k, 9l, 9m, 9n, 9o, 9p, 9q, 9r, 9s, 9t, 9u, 9v, 9w, 9x, 9y, 9z, 9aa, 9ab, 9ac, 9ad, 9ae, 9af, 9ag, 9ah, 9ai, 9aj, 9ak, 9al, 9am, 9an, 9ao, 9ap, 9aq, 9ar, 9as, 9at, 9au, 9av, 9aw, 9ax, 9ay, 9az, 9ba, 9bb, 9bc, 9bd, 9be, 9bf, 9bg, 9bh, 9bi, 9bj, 9bk, 9bl, 9bm, 9bn, 9bo, 9bp, 9bq, 9br, 9bs, 9bt, 9bu, 9bv, 9bw, 9bx, 9by, 9bz, 9ca, 9cb, 9cc, 9cd, 9ce, 9cf, 9cg, 9ch, 9ci, 9cj, 9ck, 9cl, 9cm, 9cn, 9co, 9cp, 9cq, 9cr, 9cs, 9ct, 9cu, 9cv, 9cw, 9cx, 9cy, 9cz, 9da, 9db, 9dc, 9dd, 9de, 9df, 9dg, 9dh, 9di, 9dj, 9dk, 9dl, 9dm, 9dn, 9do, 9dp, 9dq, 9dr, 9ds, 9dt, 9du, 9dv, 9dw, 9dx, 9dy, 9dz, 9ea, 9eb, 9ec, 9ed, 9ee, 9ef, 9eg, 9eh, 9ei, 9ej, 9ek, 9el, 9em, 9en, 9eo, 9ep, 9eq, 9er, 9es, 9et, 9eu, 9ev, 9ew, 9ex, 9ey, 9ez, 9fa, 9fb, 9fc, 9fd, 9fe, 9ff, 9fg, 9fh, 9fi, 9fj, 9fk, 9fl, 9fm, 9fn, 9fo, 9fp, 9fq, 9fr, 9fs, 9ft, 9fu, 9fv, 9fw, 9fx, 9fy, 9fz, 9ga, 9gb, 9gc, 9gd, 9ge, 9gf, 9gg, 9gh, 9gi, 9gj, 9gk, 9gl, 9gm, 9gn, 9go, 9gp, 9gq, 9gr, 9gs, 9gt, 9gu, 9gv, 9gw, 9gx, 9gy, 9gz, 9ha, 9hb, 9hc, 9hd, 9he, 9hf, 9hg, 9hh, 9hi, 9hj, 9hk, 9hl, 9hm, 9hn, 9ho, 9hp, 9hq, 9hr, 9hs, 9ht, 9hu, 9hv, 9hw, 9hx, 9hy, 9hz, 9ia, 9ib, 9ic, 9id, 9ie, 9if, 9ig, 9ih, 9ii, 9ij, 9ik, 9il, 9im, 9in, 9io, 9ip, 9iq, 9ir, 9is, 9it, 9iu, 9iv, 9iw, 9ix, 9iy, 9iz, 9ja, 9jb, 9jc, 9jd, 9je, 9jf, 9jg, 9jh, 9ji, 9jj, 9jk, 9jl, 9jm, 9jn, 9jo, 9jp, 9jq, 9jr, 9js, 9jt, 9ju, 9jv, 9jw, 9jx, 9jy, 9jz, 9ka, 9kb, 9kc, 9kd, 9ke, 9kf, 9kg, 9kh, 9ki, 9kj, 9kl, 9km, 9kn, 9ko, 9kp, 9kq, 9kr, 9ks, 9kt, 9ku, 9kv, 9kw, 9kx, 9ky, 9kz, 9la, 9lb, 9lc, 9ld, 9le, 9lf, 9lg, 9lh, 9li, 9lj, 9lk, 9ll, 9lm, 9ln, 9lo, 9lp, 9lq, 9lr, 9ls, 9lt, 9lu, 9lv, 9lw, 9lx, 9ly, 9lz, 9ma, 9mb, 9mc, 9md, 9me, 9mf, 9mg, 9mh, 9mi, 9mj, 9mk, 9ml, 9mm, 9mn, 9mo, 9mp, 9mq, 9mr, 9ms, 9mt, 9mu, 9mv, 9mw, 9mx, 9my, 9mz, 9na, 9nb, 9nc, 9nd, 9ne, 9nf, 9ng, 9nh, 9ni, 9nj, 9nk, 9nl, 9nm, 9nn, 9no, 9np, 9nq, 9nr, 9ns, 9nt, 9nu, 9nv, 9nw, 9nx, 9ny, 9nz, 9oa, 9ob, 9oc, 9od, 9oe, 9of, 9og, 9oh, 9oi, 9oj, 9ok, 9ol, 9om, 9on, 9oo, 9op, 9oq, 9or, 9os, 9ot, 9ou, 9ov, 9ow, 9ox, 9oy, 9oz, 9pa, 9pb, 9pc, 9pd, 9pe, 9pf, 9pg, 9ph, 9pi, 9pj, 9pk, 9pl, 9pm, 9pn, 9po, 9pp, 9pq, 9pr, 9ps, 9pt, 9pu, 9pv, 9pw, 9px, 9py, 9pz, 9qa, 9qb, 9qc, 9qd, 9qe, 9qf, 9qg, 9qh, 9qi, 9qj, 9qk, 9ql, 9qm, 9qn, 9qo, 9qp, 9qq, 9qr, 9qs, 9qt, 9qu, 9qv, 9qw, 9qx, 9qy, 9qz, 9ra, 9rb, 9rc, 9rd, 9re, 9rf, 9rg, 9rh, 9ri, 9rj, 9rk, 9rl, 9rm, 9rn, 9ro, 9rp, 9rq, 9rr, 9rs, 9rt, 9ru, 9rv, 9rw, 9rx, 9ry, 9rz, 9sa, 9sb, 9sc, 9sd, 9se, 9sf, 9sg, 9sh, 9si, 9sj, 9sk, 9sl, 9sm, 9sn, 9so, 9sp, 9sq, 9sr, 9ss, 9st, 9su, 9sv, 9sw, 9sx, 9sy, 9sz, 9ta, 9tb, 9tc, 9td, 9te, 9tf, 9tg, 9th, 9ti, 9tj, 9tk, 9tl, 9tm, 9tn, 9to, 9tp, 9tq, 9tr, 9ts, 9tt, 9tu, 9tv, 9tw, 9tx, 9ty, 9tz, 9ua, 9ub, 9uc, 9ud, 9ue, 9uf, 9ug, 9uh, 9ui, 9uj, 9uk, 9ul, 9um, 9un, 9uo, 9up, 9uq, 9ur, 9us, 9ut, 9uu, 9uv, 9uw, 9ux, 9uy, 9uz, 9va, 9vb, 9vc, 9vd, 9ve, 9vf, 9vg, 9vh, 9vi, 9vj, 9vk, 9vl, 9vm, 9vn, 9vo, 9vp, 9vq, 9vr, 9vs, 9vt, 9vu, 9vv, 9vw, 9vx, 9vy, 9vz, 9wa, 9wb, 9wc, 9wd, 9we, 9wf, 9wg, 9wh, 9wi, 9wj, 9wk, 9wl, 9wm, 9wn, 9wo, 9wp, 9wq, 9wr, 9ws, 9wt, 9wu, 9wv, 9ww, 9wx, 9wy, 9wz, 9xa, 9xb, 9xc, 9xd, 9xe, 9xf, 9xg, 9xh, 9xi, 9xj, 9xk, 9xl, 9xm, 9xn, 9xo, 9xp, 9xq, 9xr, 9xs, 9xt, 9xu, 9xv, 9xw, 9xx, 9xy, 9xz, 9ya, 9yb, 9yc, 9yd, 9ye, 9yf, 9yg, 9yh, 9yi, 9yj, 9yk, 9yl, 9ym, 9yn, 9yo, 9yp, 9yq, 9yr, 9ys, 9yt, 9yu, 9yv, 9yw, 9yx, 9yy, 9yz, 9za, 9zb, 9zc, 9zd, 9ze, 9zf, 9zg, 9zh, 9zi, 9zj, 9zk, 9zl, 9zm, 9zn, 9zo, 9zp, 9zq, 9zr, 9zs, 9zt, 9zu, 9zv, 9zw, 9zx, 9zy, 9zz
- PALAEZOIC**
6, 7, 8 Cache Creek Group
6, Chert, argillite, chert-pebble conglomerate and chert breccia; derived quartzite and schist; minor 7 and 8
7, Greenstone and volcanic greywacke; derived amphibolite; minor 6 and 8
8, Limestone and limestone breccia
- PENNSYLVANIAN AND/OR PERMIAN**
4, 5 Andesite, basalt, and related pyroclastic rocks; conglomerate, sandstone, shale
5, Limestone
May be in part or wholly equivalent to 4, 7, 8
- MISSISSIPPIAN AND/OR EARLIER**
SYLVESTER GROUP
3a, greenstone, chlorite schist, greywacke, quartzite, quartz-biotite schist; 3b, impure crystalline limestone
- PRE-PERMIAN**
2 Quartz monzonite
- YUKON GROUP**
1 Hornblende-quartz-feldspar schist and gneiss; quartzite, crystalline limestone. May be in part equivalent to 3
- UNDIFFERENTIATED**
A Undifferentiated, mainly volcanic rocks of uncertain, possibly several, ages. Andesite, basalt, agglomerate, tuff, breccia; diorite and quartz diorite porphyries; rhyolite. In part probably Triassic, probably equivalent to 10

- Bedding (horizontal, inclined, vertical, overturned) + x x x
Bedding (direction of dip known, upper side of bed unknown) /
Schistosity or slaty cleavage (inclined, vertical) /
Fault (defined, approximate, assumed) - - - - -
Anticline (arrow indicates direction of plunge) ^
Syncline (arrow indicates direction of plunge) v
Fossil locality (O)
Fossil locality (referred to in Table III) (O)
Mineral occurrence x

MINERAL SYMBOLS
(Lode occurrences only)

- Copper Cu Silver Ag
Gold Au Tungsten W
Lead Pb Uranium U
Molybdenum Mo Zinc Zn
Nickel Ni

Geology by J. D. Aitken, 1951, 1952, 1953, 1954, 1955

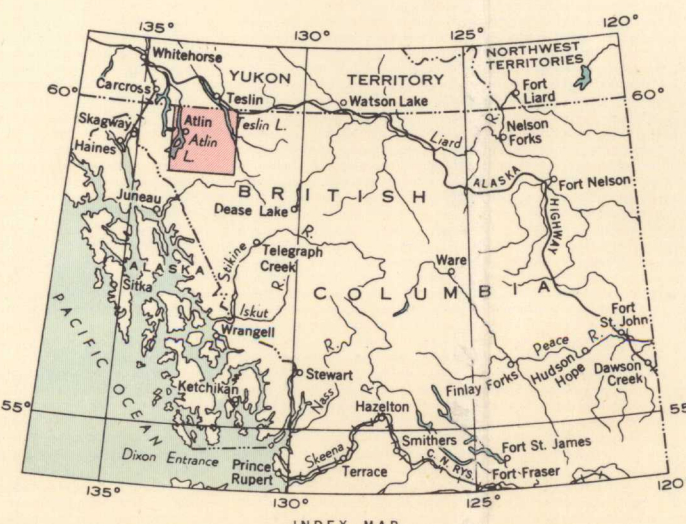
To accompany G.S.C. Memoir 307, by J. D. Aitken

Cartography by the Geological Survey of Canada, 1959

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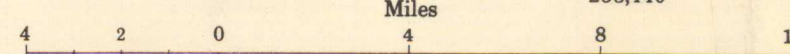
Approximate magnetic declination 31° 31' East

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MAP 1082A
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ATLIN
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BRITISH COLUMBIA

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Miles



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