

8 ECSTALL - Aldrick (103H)

- Douglas Channel/Hawksberry Is. (new min.) 377-593 Ma (early Dev) VMS
- 17-38 sul. occurrences in belt (most in meta-volcs.) ~~HT~~ - metaseds on east side
- & wrap around to south (i.e. synclinal)
- disc. 4 new showings on logging rds. on South end of belt (e.g. Belle)
- Hawksberry Is - new disc. in sed. (Zn-Pb) = Qtz-bio-gneiss with layers of calc-sil. (Stam enviro.) prospectors
- N-S mineral zoning (e.g. Mt. Reed volcs., Tasmania)

9 JMs - Simandl

- Property Visits: Matrix marble, Alexander Ck. (phosphate) - Thumic acid
- Rocky Mtn. Tufa - check website - 300 x 800m
- Westrae Georgia Pacific - ~~Final Flats~~ ^{gypsum} Frenier (perlite) [substitute for vermiculite]
- Blue River - carbonate (Ca, Mg) ^(2003-2004 prod.) Travertine
- Frenier ^{prochlore contains uranium} also 'serpentine' carbonate Pacific lumice (20,000 tonnes/yr) - lightweight aggregate
- Begbie (Revelstoke) Flagstone (#400/yr)

Slides

10 ALKALIC-HOSTED PGEs - Nixon

- | | Grab Sa. | PGE in placers - Len |
|------------------------------------|-------------|------------------------|
| Cu - PGE i) Sappho (Halbert, 2001) | 2.2 g/t Pt | Coryell (50 ma) cpx-py |
| 9 tonnes ore (1027-28) | 4.3 g/t Pd | |
| | 0.15 g/t Au | |
| | 1.03 g/t Pt | - veins, local di |
- 'hydrothermal' origin (remobilized magmatic sulphides?)
 - ii) Allendale: E of Ok Falls (Niddery + Travis) Allendale stock (Coryell age?)
 - 0.3% Cu, 0.17% Au, 0.9 g/t Pd, 0.2 g/t Pt
 - shears (px, cpx, tetra); xenoliths (bn + c); dissem. bn ± cpx
 - hydrothermal vs magmatic?
 - iii) Averill Complex: Franklin camp [Maple Leaf] - cpx, - magmatic
 - iv) Allan - hydrothermal vs magmatic?
 - Hoy - Moyle Sills - 1.65 Ga - massive hornblende [70 sq. km for Pt/Pd]

11 COBURN CK. - Ash Se. Bear Ck, Hornet Ck, - folded 'ophiolite' suite

- 12 PGE Min. - Coburn Belt - Pilsent: ^{GMM} slide: folded diorite ^(Spuzzum) intruding into hornblende
- Coburn Jason ^{GMM} Gabbro-hosted Cu-Ni ± PGE dep. / Deformation