

GAC Cord Symp: 'Cord Geology & Expln: Status & Future Trends'

Mon AM Feb 20/84

Jowkeulv: Columbia & Pacific Orogens Revisited

Good cross sections of W C & S Cordillera.

John McClintock - Tilliecum

Camp 51

Halifax - Gort Anzr Stacks K QM-D

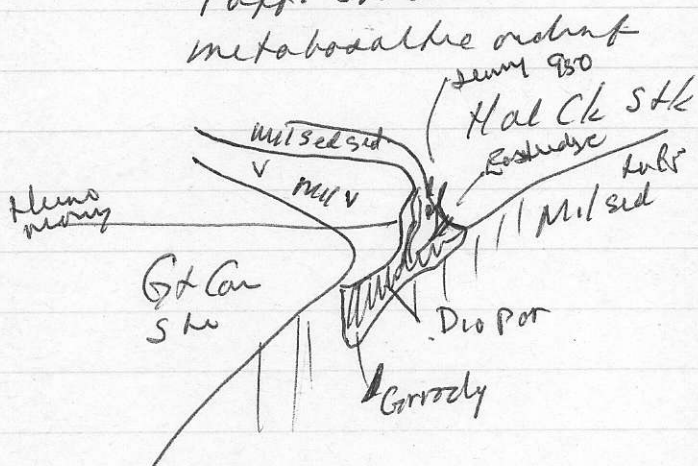
Deer Pt. preK, afe?

Wuffed Gp Mess-Pum

Hft clashes

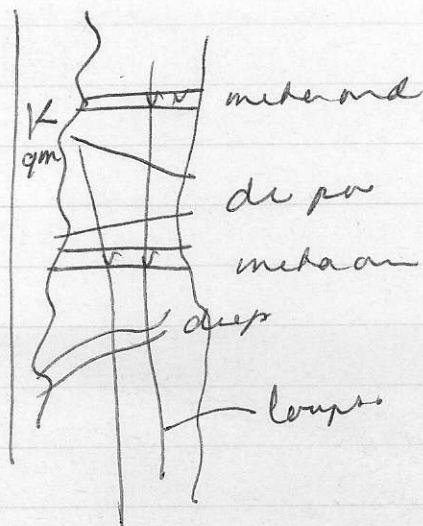
Tuff. Shale

metabasaltic orobelt

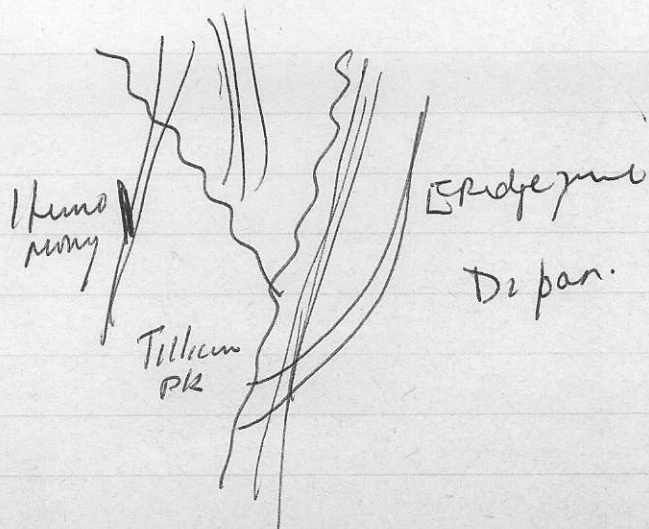


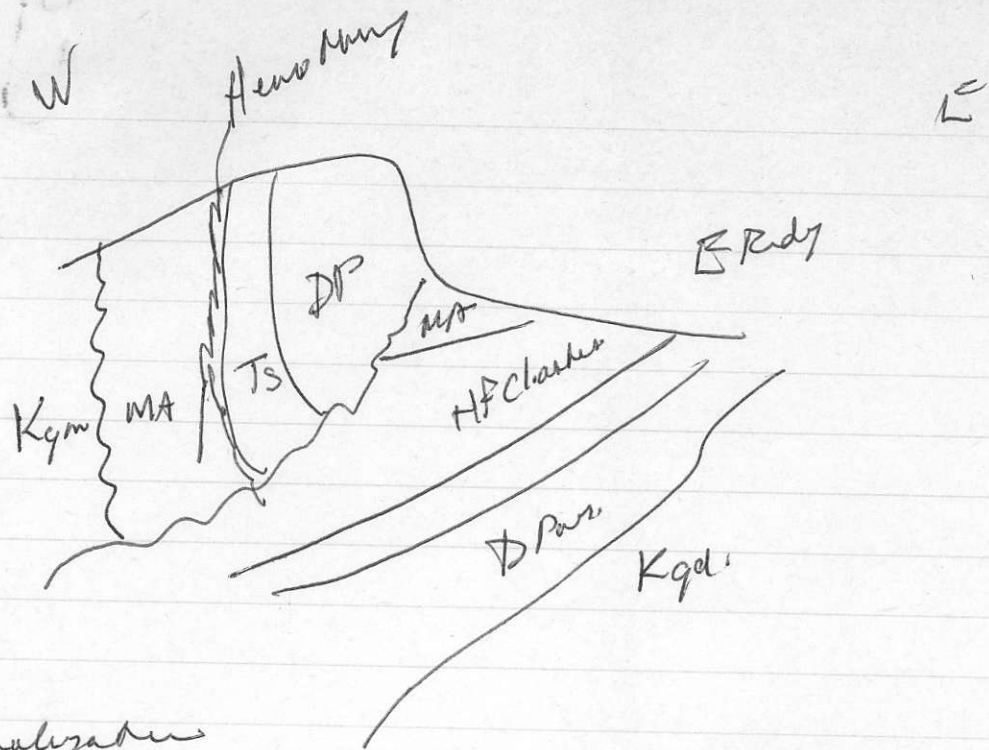
Di. Porph Sella ~50cm thick. Chilled masses, xenoliths of Wuffed Gp., Di P embedded metabasaltic by K stacks.

2 swarms of Camp 51 W swarm cuts along zone.



N KNW Tudy
Sharp parts - more
structures.





Mineralization

Melpud calc sil qtz g lms ady dupoe silts.
 qtz - actus - chlorite - hematite - plagi
 py - po - sphul - galena or arsenic chpy.
 Au syne. with py - po - gal.

* Pb isotopic date 2000000000 - 2000000000
 of content low., low ppm 1:1
 Au of g lms in qtz - calc silic. impy. nodules.

calc silic stn { qtz impy nodules

qtz impy. in in nature of rock - look like quartz
 Au on contact.

HM

40000 + of .6 g/t - drill indicated
 potential 100,000 + , 4 - .6 in Hemo Mtn

East Ridge

Au in 50' thick & 1500' strike (up to 3000' total)

Character by randomly dist'd high grade Au pockets

incl. 6' of 3 g. + .01 - .04 extremely low grade.

East Ridge avg. .053 g/t - bulk assay by one pit. High grade zones small

Di porph avg Au 40 ppb - high Au fraction even
 well away from vein.

Ag geochem anomalies mainly separate from Au anomaly

Silver geochem anomaly - up to 250 ppm in soil.

may be polymetallic stream in Melpud.