

675100

Atlin Gold
104N/11 +12

January 22, 1985

Dear Ken;

I sent a copy of the enclosed report, and the original XRD traces to David Newton, via U.B.C. The calcite present in ~~88~~ CS and 84 samples is pure, so I did not run any against a Si standard (for Mg-calcites).

I can't see any magnetite or chromite under the magnesite and dolomite peaks - would be better to run a heavy liquid separate for the oxides and sulphides. Not much muscovite showed up in the whole rock traces - the Ba-rich sample will be probed to check the mica composition - Ba-micas show up around gold. I could run HCl-treated samples if you need enhancement of the silicates.

SG1 definitely looks more like a volcanic than ultrabasic.. the SUP and Discovery are well marked by the magnesite - talc assemblage. The feldspars are all virtually identical to my 'albite' standard (CS and SG1).

Apologies for not getting this off before X-mas, its been pretty hectic, should taper off after the GSC Forum.

Yours truly



Gina Becheminant