

Rock Sample No. 840 Location: Mt. Lindsay Grid M.L.11, 150mN
Tremolitised Andesine Microgabbro

Very similar and clearly related to 839. This rock however is slightly finer grained and the plagioclase is somewhat but not markedly more altered. Again, relict andesine (tremolitised), some relict augite, interstitial tremolite-actinolite and leucoxenised ilmenite. Small trace very fine sulphide.

Rock Sample No. 843 Location: Mt. Lindsay Grid M.L.11, 200mN
Tremolitised, Chloritised Lithic-Crystal Tuff

Essentially similar to previous examples but with a higher proportion of quartz crystal fragments and with occasional grains of potash feldspar - thus of slightly more acid affinities. Lava fragments are chloritised and indeterminate. As is common in these rocks (which are strictly xenotuffs) non-pyroclastic material in the form of chert fragments, biotite flakes and occasional heavy mineral (tourmaline) grains are present, the rock is weakly bedded.

Pervasive fine grained chlorite and tremolite-actinolite with subordinate carbonate particularly after feldspar, traces of magnetite and sparsely disseminated Fe-sulphide partly in quartz-carbonate veins.

Rock Sample No. 951 Location: Mt. Lindsay Grid M.L.10, 200mN
Tuffaceous Lithic Sandstone.

Similar to 821 and 853 - a moderately sorted and weakly bedded lithic sandstone with some pyroclastic components (altered lava fragments) and marked development of fine grained biotite replacing the labile constituents.

Detrital heavy mineral grains are relatively sparse but analogous to those in the previous specimens - dominantly tourmaline (including blue schorl and dravite) and epidote with rare zircon - apatite (821) and sphene (853) are absent, at least from the section examined.

Occasional secondary granular quartz aggregates with disseminated pyrrhotite and ? chalcopyrite.