Rock Sample No. 821 Location: Mt. Lindsay Grid M.L.7, 1725mN
Tuffaceous Lithic Sandstone.
Framework consists of splintery angular to rounded quartz, minor plagioclase, altered lava fragments (sim.814) and fragments of fine grained sediments (chert, argillite, siltsone). The matrix is mainly fine randomly orientated biotite (?contact metamorphic) which is also common in the lithic fragments. Detrital heavy mineral grains are common - tourmaline (green and rare blue schorl - trace dravite) - apatite, zircon and epidote. The rock is moderately well bedded and weakly graded.

A discordant actinolite vein cuts the section with marginal replacement of the host rock. Magnetite and pyrrhotite are disseminated throughout the vein and rock matrix.

Rock Sample No. 822 Location: Mt. Lindsay Grid. M.L.7, 2730mN
822 Tremolite-Quartz Hornfels
Consists of finely granular quartz with very fine subradiating/acicular tremolite, fine skeletal oxide-opaques (not magnetite) with small clots of biotite throughout. Devoid of relict textural features and very homogeneous. Could represent a contact metamorphosed/metasomatised chert but this is rather speculative.

Rock Sample No. 853 Location: Mt. Lindsay Grid M.L.4, 1600mN
Tuffaceous Lithic Sandstone
Rather similar (and possibly related) to 821. Framework largely subangular-subrounded quartz, lava and sedimentary rock fragments (chert, impure chert,siltstone) with subordinate mica flakes and rare plagioclase grains. The matrix is mainly finer (silt-sized) detrital grains and argillaceous material with occasional siliceous shards. Detrital heavy minerals comprise tourmaline (including dravite) zircon, epidote and rare sphene - apatite not detected.

Lithic fragments and argillaceous components apart from detrital white mica flakes are pervasively altered to fine grained biotite and Mg-chlorite. Biotite development is less marked than in 821.