

Sample No.	Classification - Composition	Fabric	Accessories	Central Mineralogical Services Comments
46676	Reworked Tuff. Abundant albitised plagioclase grains, subordinate chloritised "basalt", minor microgabbro clasts, minor clasts arkosic silty shale. Chlorite matrix; minor chlorite veinlets.	Incipiently bedded, gritty to pebbly, poorly sorted, sandy clastic. Subangular to rounded clasts.	Conspicuous leucoxenised clastic opaques, leucoxenic magnetite.	Finer detail obscured by marked pervasive chloritisation of matrix and lithic clasts, but general features consistent with a mildly reworked "basaltic" tuff.
46678	Lithic Sandstone. Framework of thoroughly chlorite-sericite-quartz-altered felsite clasts, subordinate sericitic pelite, impure chert clasts, quartz and sericitised feldspar grains. Sericitic matrix.	Poorly (trend bimodally) sorted, fine to medium, weakly bedded sandstone. Sparse ankerite-chlorite veins.	More or less pervasive ankeritic carbonate. Traces carbonaceous matter, pyrite.	Intermediate-acid volcanoclastic sandstone with finer detail obscured by alteration. Late vein-related chloritisation with concentration carbonaceous matter, minor pyrite.
46684	Lithic Sandstone. Degraded (illitised), semi-sericitic muscovite, subordinate/variable calcite. Disseminated relict detrital quartz; conspicuous leucoxenic semi-opaques.	Relict silty fine sandy clastic. Weakly sheared with locally conspicuous sericitic microfractures.	Traces fine-grained pyritised pyrrhotite. Sparse carbonate veinlets. Patchy kaolin.	Poorly determinate framework; apparently intermediate-acid volcanoclastic (sim. 46678). Late carbonation analogous to chlorite (46678).
46654 (T.S. 42854)	Lithic Sandstone. Framework of subangular to rounded quartz (60%), sericitic pelite and sericitic impure chert clasts (35%), muscovite flakes (5%). Matrix (25%), overgrowth and intergranular quartz, minor sericite.	Moderately to well sorted, weakly bedded fine sandstone, minor medium sand clasts.	Carbonaceous pelite clasts. Detrital leucoxenic semi-opaques, schorl, zircon, rare monazite.	Quartzose lithic sandstone with very close affinities to 46652 (and 46651). No "volcanic" features.