Single feldspar grains are mainly composed of plagioclase of variable composition (mainly oligoclase and ?andesine).

Chlorite occurs rarely in detrital flakes and more commonly as the cementing and cavity-infilling material. In some areas deposition of the cementing chlorite has been preceded by a local redistribution of silica and several altered lithic or feldspar fragments show a thin rim of this material.

The rock is a lithic sandstone without any obvious organic component, has been compacted with loss of the greater part of the primary visible (macro) pores. Silica and chlorite have been deposited as part of the diagenetic processes of burial and compaction.

Sample: Core 4 8386' : TS C8634

Location:
Durroon-1

Rock Name:
Lithic pebbly sandstone

Hand Specimen:
Fine-grained, rounded green and grey-black pebbles up to 1 cm long are embedded in a grey-green-white sand-sized matrix similar to the rocks from 5559' and 8374'.

Thin Section:
An optical estimate of the constituents gives the following:

	%
Large pebbles	45-50
Small lithic fragments	50-55
Cement	5

Large pebbles of sandy siltstone and trachytic-textured volcanic rock, up to 1 cm long, are set in a greywacke of generally similar mineralogical and textural composition as 5559' and 8374'.