The rocks are finely intercalated and where fresh, are grey to green in colour. Siltstone is the main rock type grading into silty mudstone, argillaceous siltstone and shaley siltstone. The composition of the rocks is similar to that of the greywackes; they are made up of basic volcanic lithics, plagioclase crystals and opaque minerals. Graded bedding, scour and fill structures, mud flake breccias and current bedding support the view that these rocks are representative of a fine greywacke sequence. Grey, green and rarely red mudstone and shale make up the sequence along with thin, relatively restricted units of greywacke sandstone and felspathic basic tuff. Tuffaceous rocks are more common in the Exe River-Grid 5 area.

Argillite Sequence

Rocks of this sequence are well exposed in the south-western sector of the grid within the metasomatic aureole of the Pine Hill Adamellite. Argillites also occur adjacent to faults and fold axes which are possible conduits for the hydro-thermal fluids. Argillites also crop out in the Exe River.

The Argillite Sequence is the hornfelsed and metasomatically altered variety of the Siltstone Sequence. It is best exposed in Costeans 1000N and 1200N, on the Myrtle Grove road and in the Ring River. The argillites mapped west of the Serpentinite Complex are thought to be metasom-atised units of a greywacke siltstone facies of the Volcaniclastic Greywacke Sequence.

The basal beds of the unit are well exposed in Costean 1000N and in the Ring River east of the Conglomerate-Lithicwacke Sequence. The pebble lithicwackes pass up eastwards into interbedded argillite, siltstone and greywacke. There is cyclic repetition of units, but the sequence fines upwards as the thickness and relative proportion of coarse detrital units decreases. Above this basal transition zone the rocks are mainly grey argillite with thin silty layers, grading into silty argillite. Intercalations, lenses and layers of greywacke sandstone and silicified feldspathic tuff occur throughout, and together with the silty layers give the rock a