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**Description of a rock sample from Olivers Hill**

*by G. B. Everard*

The following is a description of a rock specimen collected by geochemist W. Baker at Olivers Hill near Lorinna.

The hand specimen is a fine grained, pale coloured, weathered rock, sheared and stained red in part by iron oxides. Small brownish patches of limonitic material from 1 mm to 1 cm are common.

In thin section the rock consists of angular quartz grains from 0.05 mm to 1 mm across, in a matrix of fine quartz and sericite. There are also occasional minute crystals of magnetite altered in part to limonite. The interstitial material is spotted with limonite which is sometimes in sufficient amount to form a secondary cement.

The quartz grains have undergone strain and show undulatory extinction, but the rock was originally of a rather dirty immature type.

The specimen is a sheared quartz sandstone.

*[18 July 1969]*