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MEMORANDUMPETROGRAPHY OF SAMPLE, LORINNA ROAD

The following description applies to a specimen recently collected on the Lorinna Road between telephone posts 249 and 250.

The specimen consists of pebble material from the conglomerate beds exposed in road cuttings. It is strongly sheared and weathered to a purplish or pinkish colour.

In thin section the specimen has a fine grained quartz-felspathic matrix, the felspar being completely sericitised, in which are phenocrysts of quartz and opaque iron ore minerals. More difficult to see against the back ground of the matrix, but still distinguishable, are completely altered phenocrysts of felspar. Shearing has resulted in granulation of the phenocrysts, but a few remain as shattered euhedral crystals.

The specimen is a sheared and altered quartz-felspar porphyry.



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