

Orana Place, Riverside

by C.J. Knights

A road is to be re-constructed at Orana Place, Riverside. The Town and Country Planning Commissioner has requested information about the stability of land owned by Walters, immediately above the road, and of the possible effects of road building on this land.

This area was reported on to the Beaconsfield Council by P. C. Stevenson, who examined this area with the Council Engineer, K. Hudson, on 20 June 1972 (Stevenson, 1972).

The paddock owned by Walters is bordered to the west and east by dolerite, but the area itself is of Tertiary sediments which include clay, sand and bauxite. There is evidence of past slope failure and the land is not considered to be suitable for development.

Below this land the road crosses a re-entrant, and where it cuts through clay and sand the sediments have slumped; there are also reports of material being washed away beneath the road. It is suggested that any further steepening of slopes should be avoided, and if steepening is essential in clay areas, a well-drained retaining structure should be considered. The land downslope of the road is also of Tertiary sediments and the re-entrant would be especially sensitive to disturbance. It is advisable to keep water from accumulating above the road, and to ensure that drainage is not directed onto the clay slopes beneath.

Reference

STEVENSON, P. C. 1972. Slope stability at Orana Place, Riverside. *Unpubl. Rep. Dep. Mines Tasm.* 1972/14.

[1 November 1972]