

**TASMANIA DEPARTMENT OF MINES
UNPUBLISHED REPORT 1979/62**

Inspection of a property at Rostella Road, Dilston

by W. L. Matthews

A property at 28 Rostella Road, Dilston, has been examined. The land is underlain by Tertiary sediments and the house is sited on the top of an arcuate-shaped slope some 15 m above a flatter area on the west side of the property. The flatter land forms part of what is very likely a large old landside zone which extends north and south of the land, with the steep slope just behind the area that moved. There is no sign of recent large scale movements in the area although the house shows considerable cracking, some of which may be due to poor foundation conditions. The land has been placed in Class IV on the landslip zone map of the Tamar Valley, a zone of old landslips, as opposed to Class V which encloses active slips and adjacent areas.

Because of the past movements in the area and the cracking in the present house, it would be advisable to undertake subsurface investigations before a decision is made to rebuild on the present site or the flatter land west of the house. This should include drilling and soil testing to assess the long term stability of the land and determine whether the site is suitable for further development. A consultant engineer would probably charge some thousands of dollars for such an investigation. A possible alternative may be to examine the prospects of improving the foundation conditions in the present house.

[9 October 1979]