



Inspection of a house access road near Bradys Lookout

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The access road to a proposed house site on a property adjoining the West Tamar Highway near Bradys Lookout has been examined as requested to assess stability conditions.

The road route angles down the slope to the house site from the West Tamar Highway just north of Bradys Lookout. It crosses class 4 land on the Tamar Valley landslip risk map of the area (areas of old landslide areas and adjacent areas). The alignment crosses relatively smooth sloping land underlain by a brown to black clay soil with basalt boulders. It is likely that Tertiary-age sediments occur at depth although some parts of the route may be underlain by basalt.

There are no signs of recent landslide movement in the vicinity of the proposed access road and with care in construction, it should be possible to avoid the development of unstable conditions. In forming the road, excavation should be kept to a minimum, with a maximum of 0.5 m if possible. The batter of any excavation should be constructed at a low angle.

Good drainage should be established on the upper side of the road and water should not be allowed to accumulate in pools. A small gully erosion feature has developed near the beginning of the proposed access and this is almost certainly due to concentration of drainage from the access road to Bradys Lookout reserve. This will need correcting and drainage associated with the access road should be dispersed.

The access road should not significantly alter the stability of the land if care is taken in its construction and surrounding drainage. The house site, as previously examined (Matthews, 1991), should be sited on the flatter land and away from the steeper slopes.

Reference

MATTHEWS, W. L. 1991. Slope stability of land near Rosevears Drive. *Report Division of Mines and Mineral Resources Tasmania* 1991/34.

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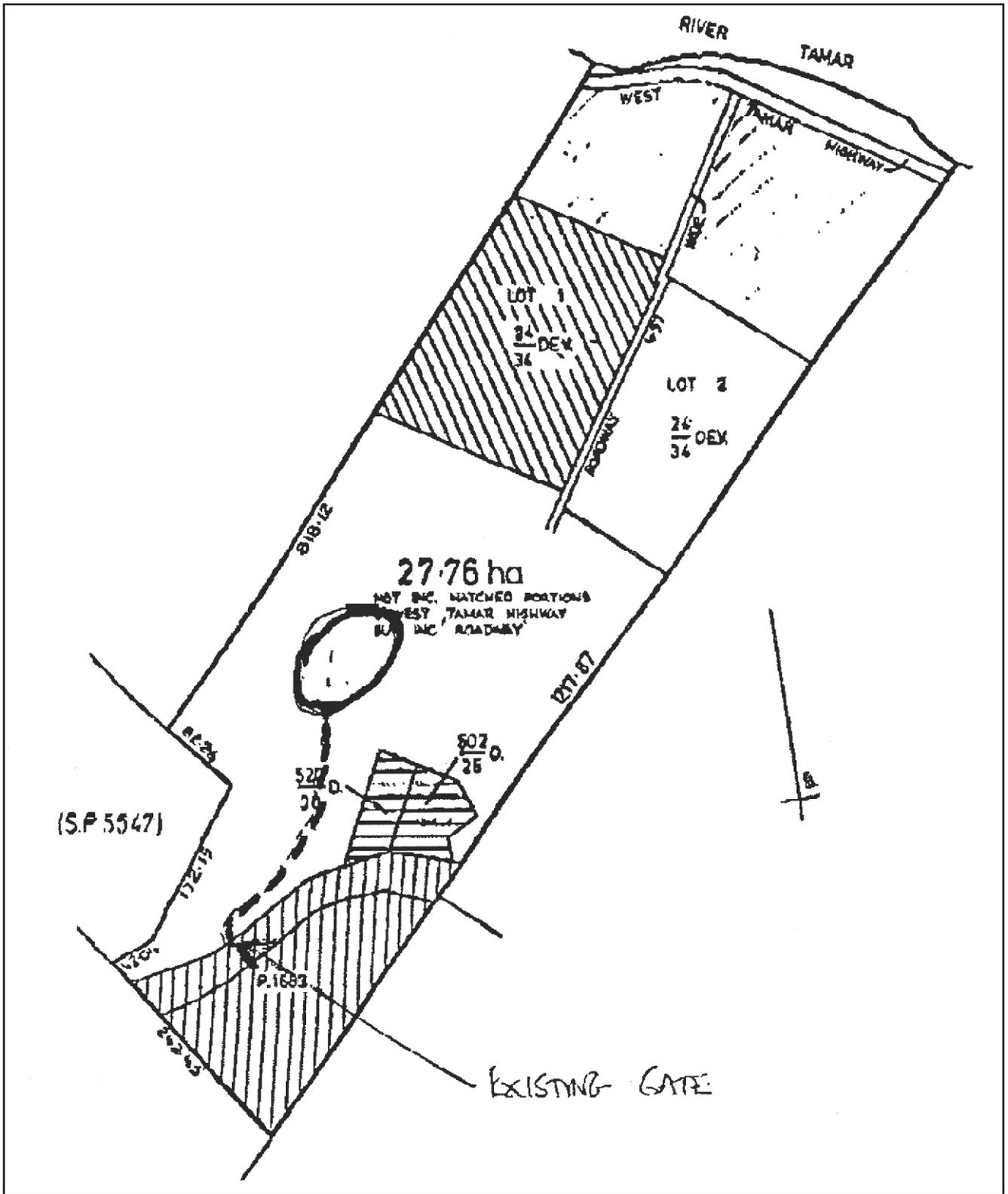


Figure 1
Location of proposed access