

**TASMANIA DEPARTMENT OF MINES
UNPUBLISHED REPORT 1980/5x**

**Inspection of a proposed house site
at Orana Place, North Riverside**

by D. J. Sloane

A house site at 55 Orana Place, North Riverside, was inspected. The allotment is not located in a proclaimed landslip zone but is classified as Zone III on the Tamar Valley Landslip Zone map, which is advisory in nature. Therefore a certificate from a chartered engineer is not required by *Regulation 4 (2), Building Regulations, 1978*.

The slope angle and morphology of the allotment is shown on Figure 1. The area is underlain by Tertiary clay and sandy clay and is also located in a small drainage gully. It is therefore advisable that a further cut-off French drain and surface drain be constructed at the rear of the block to intercept both surface and seepage water, thus preventing saturation of the clayey sediments beneath the house. The expansive nature of the underlying sediments should be noted with respect to foundation design.

If these precautionary measures are implemented there should be no instability problems as the area on which the house is to be built has a maximum slope of about six degrees.

[18 November 1980]

LOCATION: 55 Orana Place

SUBURB: Riverside

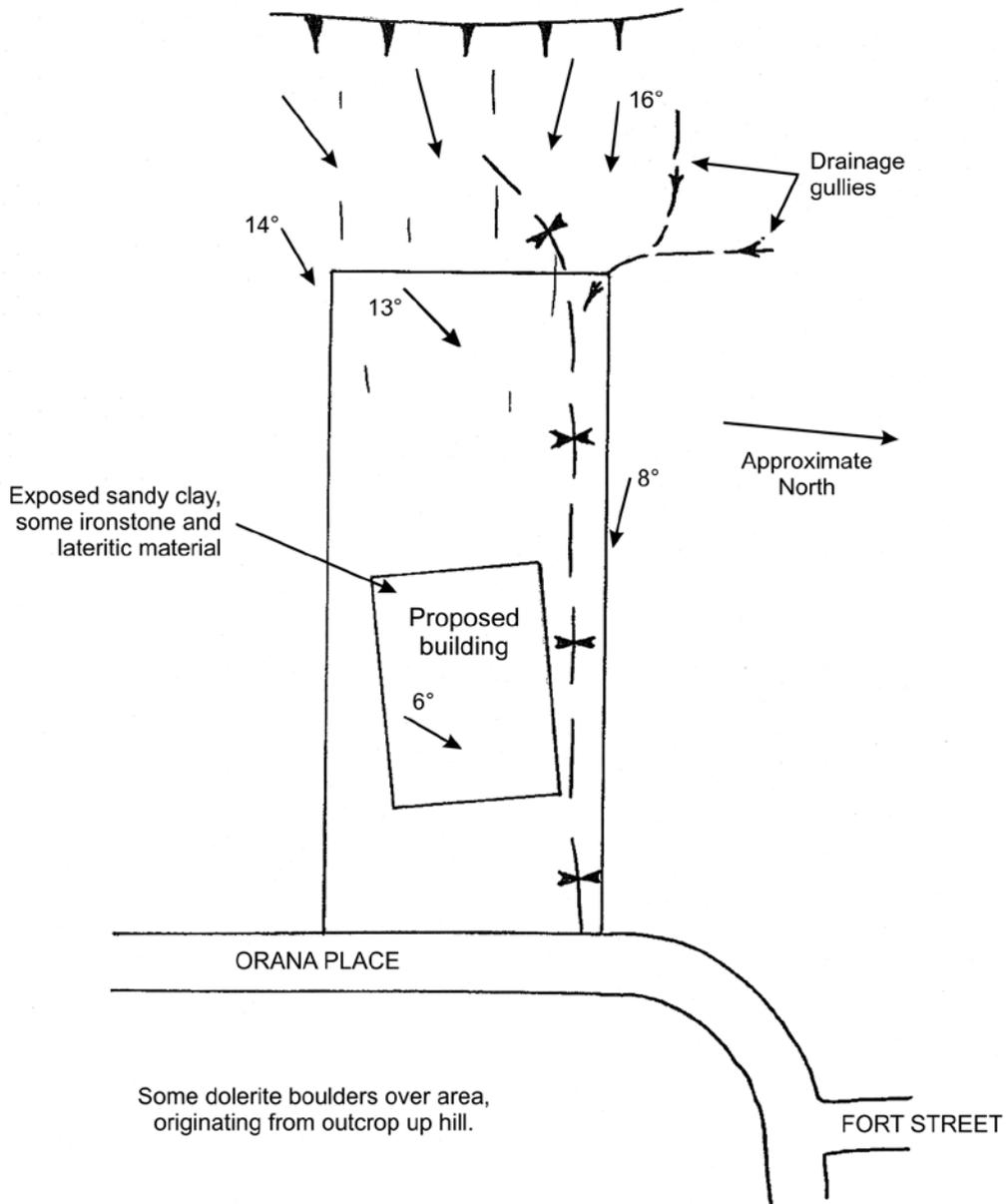
GEOLOGIST: D. J. Sloane

OWNER: Mr & Mrs D Kostiuk

TOWN: Launceston

DATE: 13 November 1980

TAMAR VALLEY LANDSLIP ZONE MAP: ZONE III



- ↗ 6° Slope angle and direction
- ↘ Change of slope — downslope side indicated
- ↗ Change of slope — upslope side indicated

Figure 1