

**TASMANIA DEPARTMENT OF MINES
UNPUBLISHED REPORT 1977/58**

**Assessment of land at Deviot
for septic tank suitability**

by D. J. Sloane

At the request of the Beaconsfield Council two adjoining lots between Deviot Road and Deviot Motor Road were inspected to assess the possible effects on land stability by the building of septic tanks and disposal of wastes into French drains.

At present most of the area of these two lots is classified as Zone IV on the Tamar Valley Landslip Zone Map. A small upslope western section is classified as Zone III. Only minor alterations can be made to the present classification and building should only be allowed in the western part of the two lots in the area indicated on Figure 1. This area has a gentle slope of between 4° and 6°, and septic tank installations are advised only in the area outlined on the plan.

Both lots have a cover of sand and gravel, between one and two metres in thickness, overlying clay. Exposures can be seen in the road embankment along Deviot Road. In places embankment failure has occurred, where water migrating along the sand and gravel/clay interface has saturated the underlying clay. The lots are also in close proximity to an active failure along the foreshore.

Without subsurface information the above restrictions are advised. Further inspection could be conducted if inspection pits two to three metres in depth are dug in the 10° and 11° slope segment outlined on Figure 1.

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