

**TASMANIA DEPARTMENT OF MINES
UNPUBLISHED REPORT 1976/74**

**A borehole at Camms Road,
Kayena, West Tamar**

by P. C. Stevenson

A diamond-drill hole was drilled on a property at Camms Road, Kayena, on 17 October 1975. The bore was placed on the small slope about 40 m behind a house at DQ924388. The drilling was previously recommended by P. C. Stevenson (Stevenson, 1974).

The core has been examined, with the bore passing through:

Surface gravel	0	–	1.86 m
Deeply weathered basalt with hard cores	1.86	–	5.21 m
Weathered basalt	5.21	–	8.55 m
Deeply weathered zone	8.35	–	8.68 m
Fractured basalt	8.68	–	13.00 m
Very soft plastic silty clay	13.00	–	14.24 m
Firm silty clay	14.24	–	15.07 m
Very soft grey clay	15.07	–	17.95 m
Sandy grey clay	17.95	–	19.65 m
Firm mudstone and lignite	19.65	–	21.15 m

Although soft sediments exist beneath the basalt the thickness of this latter rock is sufficient to afford considerable stability to the area, and under the loads imposed by normal dwelling houses no significant increase in risk would be caused.

It is recommended therefore that the area be re-zoned to Class III on the Tamar Valley Landslip Zone Map.

This change would imply a change in recommended status under Section 431A of the *Local Government Act* from Landslip A zone to Landslip B zone.

Reference

STEVENSON, P. C. 1974. Examination of a building site at Camms Road, Kayena, West Tamar.
Unpublished Report Department of Mines Tasmania 1974/25.

[27 April 1976]