



ENGINEERING GEOLOGY LAND STABILITY MAP SERIES

TASMANIA
DEPARTMENT OF INFRASTRUCTURE, ENERGY AND RESOURCES

TASMANIAN GEOLOGICAL SURVEY
LAND STABILITY HAZARD MAPPING PROJECT
ULVERSTONE - KINDRED

SCALE 1:25 000

0 500 1000 1500 2000 2500m

AGD06 - AMG Zone 55. Contour Interval: 10 metres.

LANDSLIDE STATUS

- RECENT - ACTIVE** (Red): Landslides with morphological features (headscarp, flanks and toe) that are commonly fresh and easily recognizable. Frequently these landslides are either moving or are regarded as having recently moved.
- ANCIENT (FOSSIL)** (Green with dots): Landslides with morphological features that are typically subdued and have been modified by erosional processes. They probably developed under different climatic conditions thousands of years ago and are commonly considered as dormant features but have potential for reactivation.
- POSSIBLE** (Green with diagonal lines): Areas with morphological features suggestive of fossil landslide activity. Their origin may possibly be attributable to geological context (lithology, structure, etc.) rather than mass movement processes.

ADVISORY LANDSLIDE ZONING

Landslide zone map delineating areas of unstable land in terms of landslide risk and when development potential intended for general purposes only. (Original maps published 1963 - 74, Revised edition 2001)

Advisory landslide zoning boundary.

GEOLOGY

- Yellow: Tertiary basalt.
- Blue: Permian sediments.
- Grey: Other geological units.

SLOPE CLASSIFICATION

- Light red: 13-19 degrees.
- Dark red: > 20 degrees.

Note: 0-12 degrees not indicated.

INDEX TO ADJOINING MAPS

This map series portrays simplified bedrock geology, known and inferred landslides, proclaimed landslide areas and a slope classification model. The slope classification serves as an indication of relative potential landslide hazard that is based on the author's professional judgement and experience from landslide mapping along the NW coast of Tasmania. The map is intended as a general guide only to the land stability of the area at the publication scale of 1:25 000. The hazard assessment provided is a model based on available information that could change in the course of time as more information becomes available or different hazard recognition techniques are used. The map should not be used as a substitute for detailed site specific investigations appropriate for subdivisions and building site etc.

While every care has been taken in the preparation of this data, no warranty is given as to the accuracy of the information and no liability is accepted for any damages or losses in the use of or reliance on the data. The data is provided as a guide only and should not be used for any purpose other than that for which it was intended. The user of the data is advised to verify the accuracy of the data for their own use. The data is provided as a guide only and should not be used for any purpose other than that for which it was intended. The user of the data is advised to verify the accuracy of the data for their own use.

Landslide mapping by K.C. Donaldson, M. App. Sc.
Geological information derived from 1:25 000 digital geology of Tasmania (August 1996) and its indicator only with a resolution of 1:25 000 map scale.
Digital topographic and cadastre information from Information and Land Services Division, Department of Primary Industries, Water and Environment.
Cadastre boundary information (extracted in part) as at April 2003.
Slope classification derived from Information and Land Services Division, Department of Primary Industries, Water and Environment digital contour data.
Map Edition 11 produced September 1996 by Data Management Branch, Mineral Resources, Tasmania using GIS software. Revised July 2001.
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