



TASMANIAN GEOLOGICAL SURVEY
LAND STABILITY HAZARD MAPPING PROJECT
WYNYARD - CALDER



LANDSLIDE STATUS	<p>RECENT - ACTIVE (Red solid)</p> <p>ANCIENT (FOSSIL) (Yellow with dots)</p> <p>POSSIBLE (Green with diagonal lines)</p>	<p>Landslides with morphological features (headscarp, flanks and toes) that are commonly fresh and easily recognizable. Frequently these landslides are either moving or are regarded as having recently moved.</p> <p>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.</p> <p>Areas with morphological features suggestive of fossil landslide activity. Their origin may possibly be attributable to geological controls (lithology, structure, etc.) rather than mass movement processes.</p>	<p>GEOLOGY</p> <p>Quaternary basalts</p> <p>Permian sediments</p> <p>Other geological units</p>
DECLARED LANDSLIDE AREAS	<p>Local Government (Building & Miscellaneous Provisions Act 1993) Division 6, (Sections 36 - 40), Rule 5(1) Subrule 10(1) to 2(2)</p> <p>'X' Landslip</p> <p>'B' Landslip</p>	<p>SLOPE CLASSIFICATION</p> <p>13-19 (degrees)</p> <p>> 20 (degrees)</p> <p>Note: 0-12 (degrees) not indicated.</p>	

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 sites etc.

Landslide mapping by R.C. Donaldson, M. Asp, Sc.
Geological information derived from 1:250 000 digital geology of Tasmania (April 1980) and is indicative only when presented at 1:25 000 map scale.
Digital topographic and cartographic information from Information and Land Services Division, Department of Primary Industries, Water and Environment.
Cartographic boundary information (depicted in grey) 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 1998 by Data Management Branch, Mineral Resources Tasmania using U.S. software (revised July 2003).
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