

# 843141

## ZEEHAN

Zeehan land system generally comprises a series of contorted parallel ridges often surrounding lower areas described as Tully River land system. The topography varies from low rounded hills to steep-sided ridges derived from Lower Devonian and Silurian siliceous sediments. It occurs in the southern half of the Region, the northernmost body lying between Luina and the Savage River township. A larger body exists north-west of Rosebery and other major areas are around Zeehan and in the Little Henty and King Rivers.

The shallow soils contain some accumulations of peat and an organic soil covers the extensive areas of low hills in component 4.

A dense scrub grows on the sandy soils of the crests and upper slopes. An open forest exists on the steep midslopes while a dense rainforest community occupies the footslopes and drainage lines. A closed button grass sedgeland covers the broad areas of gravelly organic soils.

The land system serves as zones of nature conservation, although some disturbance has been caused by mining, especially in the past.

A high soil erosion hazard exists over most of these areas

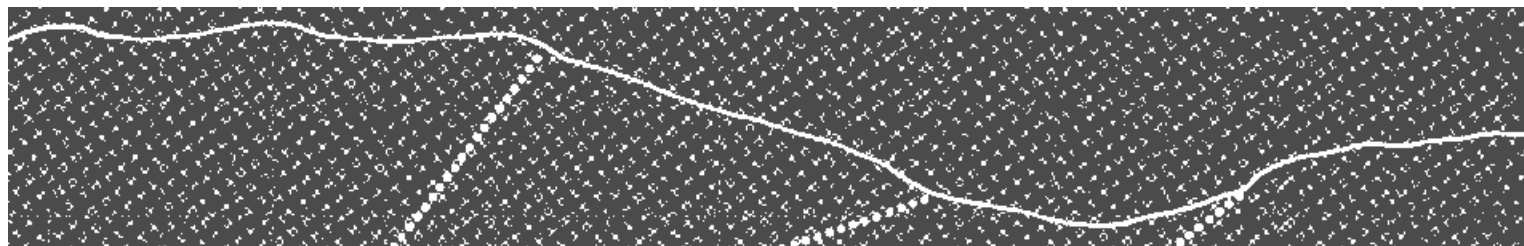


*A peppermint forest and dense scrub occupy the shallow soils on the steep midslopes*

LAND SYSTEM

843141

Zeehan



COMPONENT	1	2	3	4
PROPORTION %	35	25	20	20
CLIMATE	Average Annual Rainfall 2 000-2 500 mm			
GEOLOGY	Lower Devonian— Silurian slate, sandstone			
TOPOGRAPHY	Contorted parallel ridges			
Land form	Contorted parallel ridges			
Position	Crests, upper slopes	Steep midslopes	Steep footslopes, drainage lines	Low hills
Average Sideslope °	7	25	14	10
NATIVE VEGETATION				
Structure	Closed scrub	Open forest	Closed forest	Closed sedgeland
Association	<i>Acacia mucronata</i> , <i>Monotoca elliptica</i> , <i>Melaleuca squarrosa</i> , manuka, lancewood, Smith ton peppermint	Blackwood, manuka, Smithton peppermint, <i>Acacia mucronata</i> , Gutting grass, bracken	Myrtle, sassafras, blackwood, leatherwood, horizontal, soft tree fern	Button grass
SOIL	Gravelly, very pale brown ( 10 YR 7/3) sand soil, uniform texture	Gravelly, mottled brownish yellow (10 YR 6/6) light grey (5 YR 7/1) gradational soil	Gravelly, very dark greyish brown (10 YR 3/2) loam soil, uniform texture	Gravelly peat
Surface Texture	Peat		Gravelly peat	
Permeability	High	Moderate		High
Average Depth m	0.3	0.5	0.2	0.4
PRESENT LAND USE	Nature conservation			
HAZARDS	Moderate sheet erosion	High sheet, rill erosion		