

772131

MUNDAYS HILL

Low hills developed on outcrops of Jurassic dolerite occur in three widely scattered localities. The first is round Henrietta in the north and the other two are in the south-west quarter. The larger of these lies north-west of Zeehan and is an oval body with a core of Pine Creek land system. The other is situated near the coast between the Henty and Little Henty Rivers

Soils are mostly stony, strong brown to yellowish red in colour and have gradational profiles. They have fine structures and are highly permeable. By contrast the mainly olive grey mottled soils

in the flowlines are poorly drained and only slowly permeable.

A tall stringybark forest grows on the better drained soils, while a closed manuka scrub was found along the flowlines. A scrub community was also noted growing on an area of skeletal organic soils near Zeehan.

Forestry is the major land use and a pine plantation has been established in the area around Henrietta. Munday's Hill land system also serves as a zone of nature conservation and the grazing of native pastures is practised to a limited extent.

The principal soil conservation hazard restricting the use of this country is due to the poorly drained nature of the soils in the flowlines.

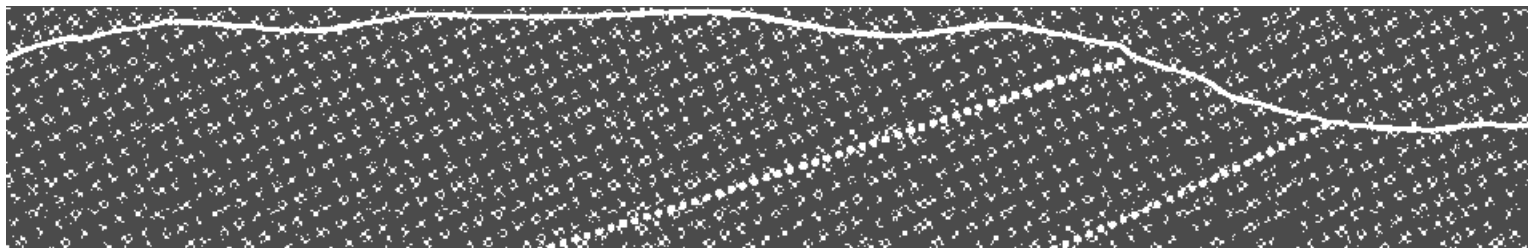


The well drained, stony soils support a tall stringybark forest

LAND SYSTEM

772131

Mundays Hill



COMPONENT	1	2	3
PROPORTION %	75	10	15
CLIMATE	Average Annual Rainfall 1 500-2 000 mm		
GEOLOGY	Jurassic dolerite		Alluvium
TOPOGRAPHY	Low hills		
Land form			
Position	Crests, gentle slopes	Steeper slopes	Drainage lines
Average Sideslope °	3	7	2
NATIVE VEGETATION	Tall open forest		
Structure			
Association	Stringybark, dogwood, lancewood prickly mimosa		Manuka, sassafras, hard water fern
SOIL	Stony, strong brown (7.5 YR 5/6) gradational soil, fine structure	Stony, yellowish red (5 YR 5/8) gradational soil, fine structure	Mottled olive grey (5 Y 4/2) red (2.5 YR 4/8) gradational soil
Surface Texture	Gravelly clay loam	Clay loam	Peaty clay loam
Permeability	High		
Average Depth m	0.5	0.6	1.0
PRESENT LAND USE	Forestry (hardwood and softwood), nature conservation, bush grazing		
HAZARDS	Low sheet and rill erosion		High waterlogging, moderate flooding