

824331

ODD

About half way along the road from Waratah to Luina is an area of low hills developed on Cambrian rocks. It comprises an area 6.5 km from north to south and averages about 2 km wide with an easterly arm stretching 3 km towards Waratah.

The soils tend to be brown and are stony on the higher parts, changing to greys and greyish brown lower down the slope.

A tall closed rainforest occurs on the crests and slopes, while a mixed forest exists on the low rises. In the flats is a closed scrub dominated by woolly tea-tree.

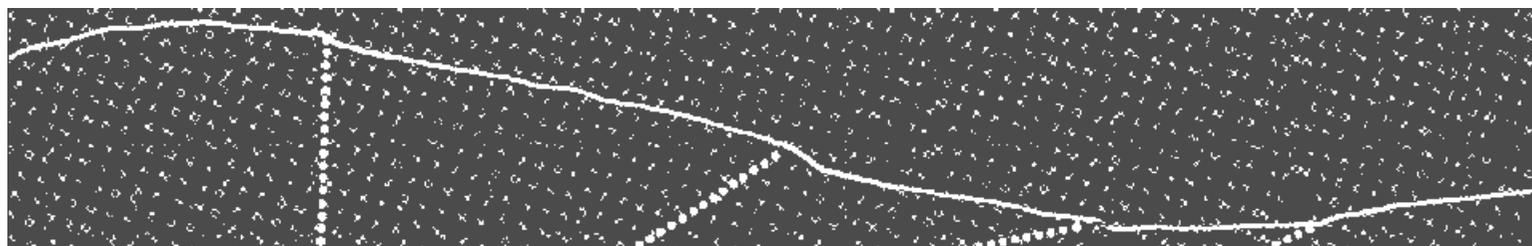
Forestry and nature conservation are the two principal land uses.

The soil erosion hazard is moderate on the steeper slopes but is low on the footslopes and low rises. Waterlogging would prove a problem on the flats.

LAND SYSTEM

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Odd



COMPONENT	1	2	3	4	5
PROPORTION %	20	30	20	15	15
CLIMATE	Average Annual Rainfall 2 000-2 500 mm				
GEOLOGY	Cambrian greywacke turbidite sequences				
					Alluvium
TOPOGRAPHY			Low hills		
Land form					
Position	Crests, upper slopes	Midslopes	Footslopes	Flats	Low rises
Average Sideslope °	10		5	1	2
NATIVE VEGETATION					
Structure		Tall closed forest		Closed scrub	Closed forest
Association		Myrtle, sassafras, soft tree fern		Woolly tea tree, <i>Hakea</i> sp <i>Calorophus lateriflorus</i>	Myrtle, Smithton pepper mint, gum topped stringy bark, cutting grass
SOIL	Stony, dark yellowish brown (10 YR 4/4) clay soil, uniform texture	Stony, friable, strong brown (7.5 YR 5/6) clay soil, uniform texture	Gravelly, olive grey (5 Y 4/2) gradational soil	Greyish brown (2.5 Y 5/2) gradational soil	Grey (10 YR 5/1) grada tional soil
Surface Texture			Peat		
Permeability	Moderate	High		Moderate	
Average Depth m	1.0		0.5	1.3	0.6
PRESENT LAND USE	Forestry, nature conservation				
HAZARDS	Moderate sheet and rill erosion		Low sheet erosion	Moderate waterlogging	Low sheet erosion