## 582132

## MARRAWAH

Around Marrawah and Redpa on the west coast is an area of low hills developed on Tertiary basalt.

As with most basaltic soils in the Region, profiles found at Marrawah are deep, well drained and are mostly reddish in colour. However, soils on the lower slopes have been modified by the presence of sand, probably derived from siliceous material found in the surrounding land systems. In an area still under native timber, 0.8 m of grey sand was found overlying a dark yellowish brown (10 Y 4/4) hard pan. Extensive clearing by white settlers makes it difficult to determine exactly what the natural vegetation was like. Stringybark probably dominated forests over most of the system, with dogwood and blackwood as prominent members of the understorey. Remnants of vegetation on the very gentle footslopes and poorly drained creek flats suggest that swamp gum was important there and a closed understorey probably comprised mainly paperbark.

Marrawah land system has been mainly cleared and converted to improved pastures for grazing.

The principal hazards are soil erosion on the sandy soils and upper slopes and waterlogging on the creek flats.



Typical view of Marrawah land system



Shallow stony soils found on the crests.

LAND SYSTEM	こうこうかい かんごう かんしょう しょう ひょうしょう ひょうしょう ひょうしょう ひょうしょう ひょうしょう	A A MARTINE A STREET	REAR TO EXPLORE TO A	en se e gran de la composition de la co	An and the second second
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COMPONENT	1	2	3	4	5
PROPORTION %	15	20	30	25	10
CLIMATE	Average Annual Rainfall 1 000-1 250 mm				
GEOLOGY	Tertiary basalt				
TODOCDADUV					
Land form			L ow hills		
Position	Crests	Upper slopes	Midslopes	Very gentle footslopes	Creek flats
Average Sideslope °	2	5	3	1	0
			•		
NATIVE VEGETATION					
Structure	Closed forest			Communication of the standard standards	
Association	Stringydark, dogwood, blackwood		Swamp gum, paperbark, blackwood		
0.011	Stony dork reddich brown	Crouelly, vellowish red	Vallowish rad (5 VD 4/6)	Vallowish brown (10 VD	Light alive brown (2.5 V
SOIL	(2 5YR3/4) gradational soil	(5 YR 4/6) gradational soil	fine sandy gradational soil	5/6) gradational soil.	5/4) gradational soil
			The same gradational son	sandy at depth	o, i ) gradational soli
Surface Texture	Clay loam		Fine sandy loam	Clay loam	
Permeability	Moderate		High	Moderate	Low
Average Depth m	0 5		>2 0		1 1
PRESENT LAND USE		1	Grazing	I	l
HAZARDS	Low sheet erosion	Moderate sheet erosion	Moderate rill erosion	Low sheet erosion	High waterlogging
					0