

# 584131

## LIETINNA

Low hills formed on Tertiary clays and gravels are found near Lietinna and West Scottsdale in the north of the Region. Although this system is similar to the Bridport Road (484125) and Springfield (584122) Land Systems, it has much steeper topography than either. In the West Scottsdale area it is closely associated with the adjoining Elliott Land System (582131).

Deep gradational soils have developed on these deposits. Soils on the lower slopes and swales are

poorly drained and mottled. Small pockets of a dark grey clay soil, similar to that found in the Tamar River Land System (493122), are scattered along the drainage lines.

White gum, blackwood, silver wattle and *Helichrysum dendroideum* are the main species of the low open-forest vegetation.

Most of the area has been cleared and sown to pasture for grazing, although small areas remain undeveloped.

Sheet and rill erosion are the principle hazards.

**LAND SYSTEM**

584131

Lietinna



COMPONENT	1	2
PROPORTION %	60	40
CLIMATE	Average Annual Rainfall 1 000-1 250 mm	
GEOLOGY	Tertiary clays and gravels	
TOPOGRAPHY	Low hills	
Land form	Low hills	
Position	Upper slopes	Lower slopes and swales
Average Sideslope °	10	7
NATIVE VEGETATION	Low open-forest	
Structure	Low open-forest	
Association	White gum, blackwood, silver wattle	White gum, blackwood, <i>Helichrysum dendroideum</i>
SOIL	Brown (10 YR 5/3) gradational soil	Mottled grey (10 YR 6/1) yellowish brown (10 YR 5/8) gradational soil
Surface Texture	Gravelly clay loam	
Permeability	Moderate	
Average Depth m	>2.0	
PRESENT LAND USE	Grazing, nature conservation	
HAZARDS	Moderate sheet and rill erosion	