

353131

SHEOAK HILL

Scattered areas of low hills have formed in the north-east on deposits of sandstone and mudstones. These deposits are commonly referred to as the Mathinna Beds. The main occurrences are to the south of Boobyalla and Waterhouse Beaches. Dimmock (1960) previously described parts of the area covered by this system.

Rock outcrops are a feature of the crests and upper slopes. The duplex soils on the mid slopes and the clay soil on the lowest component are markedly

mottled. The light clay surface of the lowest component changes from loose and 'snuffy' when dry to very soft and boggy when wet.

The open-forest on the upper components is dominated by black peppermint, white gum, honeysuckle and black wattle. Black peppermint, silver wattle and black wattle are the dominant species of the woodland vegetation on the lower components.

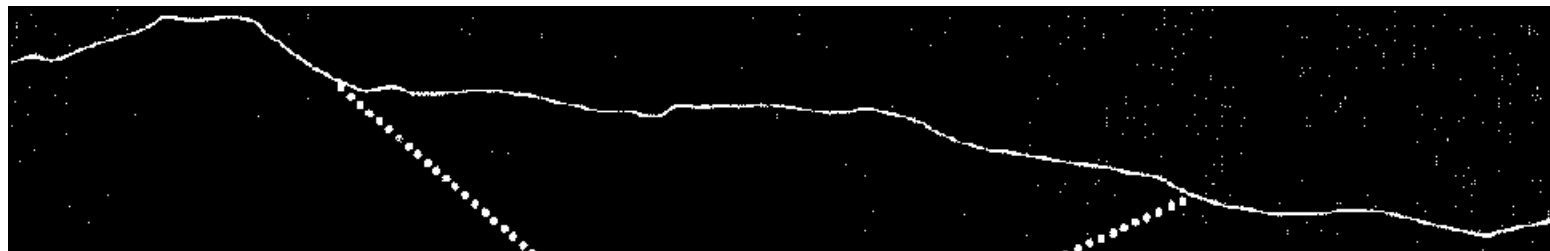
Grazing, the principal land use, is limited to the mid and lower slopes because of the large amounts of rock on the crests and upper slopes.

These sandy soils are prone to gully and rill erosion.

LAND SYSTEM

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SheoakHill



COMPONENT	1	2	3
PROPORTION %	20	55	25
CLIMATE	Average Annual Rainfall 625-750 mm		
GEOLOGY	Lower Devonian— Tremadocian- Cambrian (Mathinna Beds) sandstone— mudstone sequence Mainly rock outcrops		
TOPOGRAPHY			
Land form		Low hills	
Position	Crests and upper slopes	Mid slopes	Lower slopes and drainage lines
Average Sideslope °	4	3	2
NATIVE VEGETATION			
Structure	Open-forest		Woodland
Association	Black peppermint, white gum, honeysuckle	Black peppermint, white gum, prickly box, honeysuckle, black wattle, bracken fern	Black peppermint, silver wattle, black wattle, bracken fern
SOIL	Grey (10 YR 6/1) duplex soil	Mottled grey (10 YR 5/1) strong brown (7.5 YR 5/8) duplex soil	Mottled dark grey (10 YR 4/1) strong brown (7.5 YR 5/8) clay soil, uniform texture
Surface Texture	Sandy loam		Sandy light clay
Permeability	High		Moderate
Average Depth m	0.4	1.0	1.2
PRESENT LAND USE	Nature conservation, grazing		
HAZARDS	Moderate gully and rill erosion		