

524131

PAGANS ROAD

Pagans Road land system is represented by belts of low hills formed on Cambrian greywacke turbidite sequences and which separate the plains associated with the Duck, Montagu and Welcome Rivers in the north-west quarter of the Region.

Yellowish brown soils cover most of the area. The soils on the steeper sideslopes and footslopes, although stony and shallower, have fine structure and are highly permeable. Mottled soils have formed in the drainage lines. Isolated patches of yellowish red soils have probably formed on small remnants of Tertiary basalt, while areas of shallow

gravelly soils may be associated with Precambrian dolomite.

Stringybark dominates the tall open forest but some swamp gum occurs and myrtle and blackwood are also prominent. The tall shrub layer is principally dogwood, with lancewood of secondary importance. Cutting grass occurs on poorly drained sites and soft tree fern grows mainly in the swales.

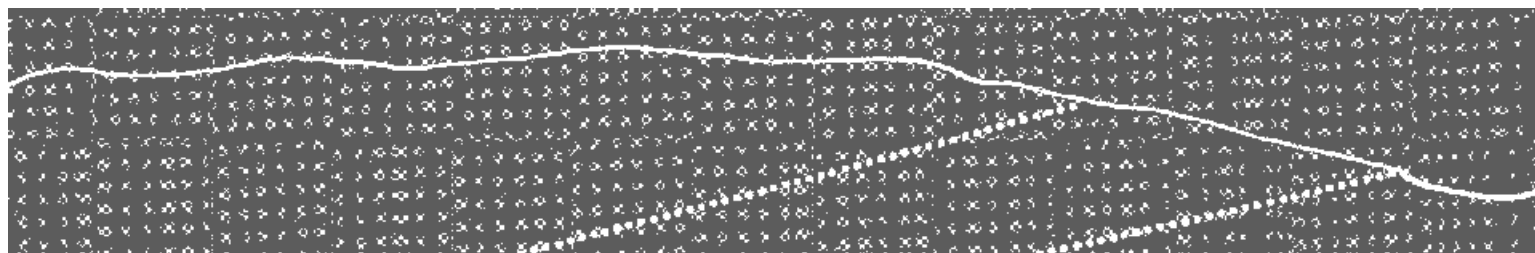
Forestry is the main land use but these areas incidentally also serve as zones of nature conservation.

There is a risk of soil erosion on the steeper slopes with the consequent problem of siltation along the drainage lines.

LAND SYSTEM

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Pagans Road



COMPONENT	1	2	3
PROPORTION %	60	30	10
CLIMATE	Average Annual Rainfall 1 000-1 250 mm		
GEOLOGY		Cambrian greywacke turbidite sequences	
		Colluvium	Alluvium
TOPOGRAPHY			
Land form	Low hills		
Position	Crests, gentle upper slopes	Steeper sideslopes, gentle footslopes	Drainage lines
Average Sideslope °	2	7	1
NATIVE VEGETATION			
Structure	Tall open forest		
Association	Stringybark, dogwood, lancewood, blackwood, swamp gum, <i>Olearia argophylla</i> , cutting grass, myrtle, soft tree fern		
SOIL	Yellowish brown (10 YR 5/6) gradational soil, layer of ironstone nodules sometimes present	Stony, gravelly yellowish brown (10 YR 5/6) gradational soil, fine structure, layer of ironstone nodules sometimes present	Mottled greyish brown (10 YR 5/2), yellowish brown (10 YR 5/8) gradational soil
Surface Texture	Clay loam		
Permeability	Moderate	High	Moderate
Average Depth m	1.2	0.6	1.2
PRESENT LAND USE	Forestry, nature conservation		
HAZARDS	Low sheet erosion	Moderate sheet and gully erosion	Moderate siltation