

522131

MT VULCAN

This is the only occurrence of igneous Cambrian deposits (serpentine, peridotite, and associated rocks) within the Region and it comprises an area of rolling low hills. It lies west of Beaconsfield and is dissected by Andersons Creek.

The gradational and duplex soils are red to dark red in colour. Ferruginous and quartzitic gravels are often present.

Stringybark forms the forest canopy, while silver wattle, manuka and heath are the main understorey plants.

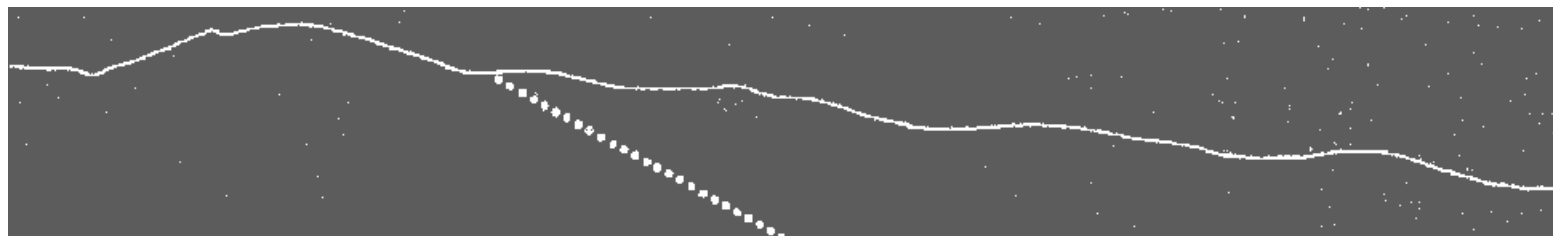
Most of the area remains undeveloped, although small areas are used for grazing and forestry.

These soils are prone to sheet and gully erosion.

LAND SYSTEM

522131

Mt Vulcan



COMPONENT	1	2
PROPORTION %	30	70
CLIMATE	Average Annual Rainfall 1 000-1 250 mm	
GEOLOGY	Cambrian— serpentinite, peridotite and associated rocks	
TOPOGRAPHY		
Land form	Rolling low hills	
Position	Crests and upper slopes	Lower slopes
Average Sideslope °	7	5
NATIVE VEGETATION	Open-forest	
Structure		
Association	Stringybark, prickly mimosa, silver wattle, manuka, heath	Stringybark, black peppermint, swamp gum, bull-oak, silver wattle
SOIL	Dark red (2.5 YR 3/6) gradational soil	Red (2.5 YR 4/8) duplex soil
Surface Texture	Clay loam	Sandy loam
Permeability	Moderate	
Average Depth m	1.1	1.2
PRESENT LAND USE	Nature conservation, forestry, grazing	
HAZARDS	Moderate sheet erosion	Moderate sheet and gully erosion