

593131

MONTAGU

A small remnant of Tertiary basalt at Montagu and two others situated about ten kilometres southwest of there have been inundated by sand to form areas of low hills.

The duplex profiles on the crests have resulted from incorporation of imported Quaternary sand in the surface horizon of the dark brown clay soil developed from the underlying basalt. Deeper

sands have accumulated on the sideslopes, but the influence of the basalt is still evidenced by the dark reddish brown colour of the profile.

The native vegetation has been cleared but probably comprised a forest community with stringybark and white gum as prominent constituents.

Montagu land system is used for grazing.

Owing to the sandy nature of the soils and the exposed situation, wind erosion is a moderate hazard. There is also danger of rill erosion particularly on steeper sideslopes.

LAND SYSTEM

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Montagu



COMPONENT	1	2
PROPORTION %	35	65
CLIMATE	Average Annual Rainfall 1 000-1 250 mm	
GEOLOGY	Quaternary sand, Tertiary basalt	
TOPOGRAPHY	Low hills	
Land form	Low hills	
Position	Crests	Slopes
Average Sideslope °	2	5
NATIVE VEGETATION	Completely cleared for grazing	
Structure	Completely cleared for grazing	
Association		
SOIL	Dark brown (7.5 YR 4/4) duplex soil	Dark reddish brown (5 YR 3/4) sand soil uniform texture
Surface Texture	Sandy loam	
Permeability	Moderate	High
Average Depth m	0.7	>2.0
PRESENT LAND USE	Grazing	
HAZARDS	Moderate wind, low rill erosion	High rill, moderate wind erosion