

584122

SPRINGFIELD

A small area of undulating plains on Tertiary clays, gravels and sands occurs near Springfield and to the east of Scottsdale.

All soils are deep. A white gravel soil, similar to that on the mid slopes of the Bridport Road Land System (484125), has developed on the upper

slopes. A cemented gravel layer has formed at about 1-2 metres depth in this gravel soil. The gradational soil on the mid slopes overlays sand at depth.

Black peppermint and white gum dominate the open-forest vegetation. Understorey plants include silver wattle, manuka and heath.

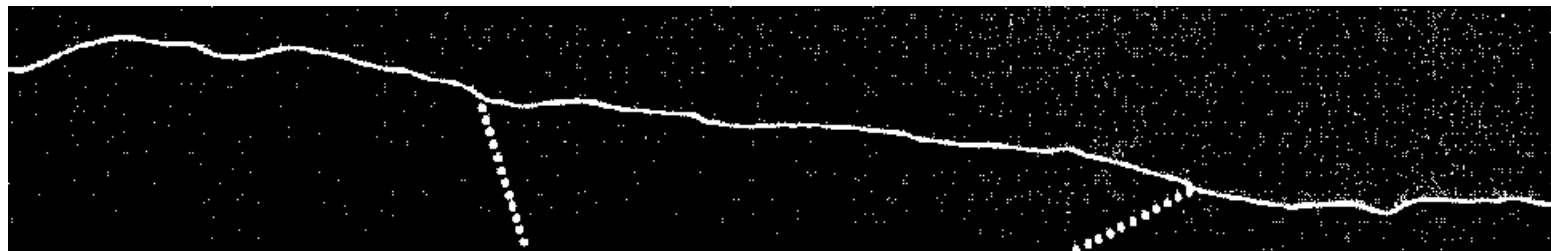
The major land uses are grazing, forestry, nature conservation and gravel quarrying.

Sheet, gully and rill erosion are the main hazards.

LAND SYSTEM

584122

Springfield



COMPONENT	1	2	3
PROPORTION %	30	45	25
CLIMATE	Average Annual Rainfall 1 000-1 250 mm		
GEOLOGY	Tertiary clays, gravels and sands		
TOPOGRAPHY			
Land form		Undulating plains	
Position	Upper slopes	Mid slopes	Lower slopes and swales
Average Sideslope °	4	3	1
NATIVE VEGETATION Structure Association	Black peppermint, white gum, silver wattle	Open-forest White gum, black wood, silver wattle, heath	Black peppermint, white gum, swamp gum, blackwood, manuka, prickly mimosa, heath, <i>Leptocarpus tenax</i>
SOIL	White (5 YR 8/1) gravel soil, uniform texture	Greyish brown (10 YR 5/2) gradational soil, overlaying a sand	Mottled grey (10 YR 6/1) brownish yellow (10 YR 6/8) duplex soil
Surface Texture	Gravelly loamy sand	Clay loam	Sandy loam
Permeability	Moderate		Low
Average Depth m		>2.0	
PRESENT LAND USE	Grazing, forestry, nature conservation, gravel pits		
HAZARDS	Moderate sheet, gully and rill erosion		