

# 784221

## WELDBOROUGH

Undulating plains formed on Tertiary non-marine clays and gravels occur near Weldborough on the Tasman Highway.

The gravel in the surface layer of the gradational soil on the rolling plains most probably derived from the surrounding Devonian outcrops. A deep

mottled clay soil has developed on the slopes and swales.

The woodland vegetation is predominantly white gum, black peppermint and swamp gum, with an understorey of wattles.

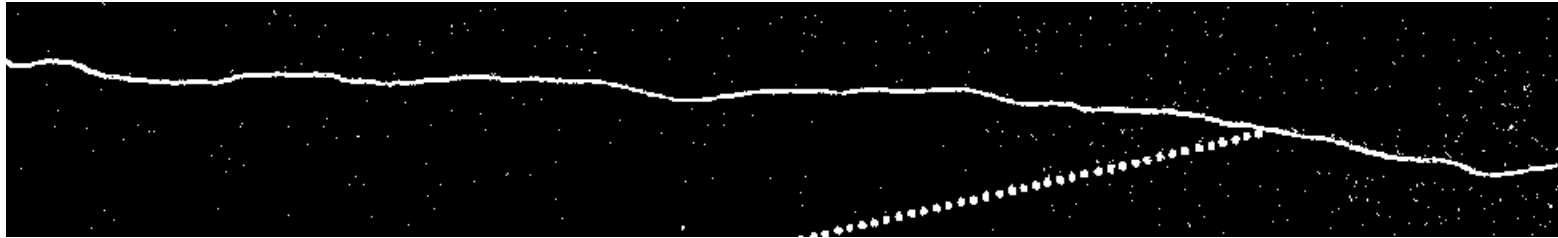
Grazing and nature conservation constitute the main land uses.

Principal hazards are sheet and gully erosion. The Weld River traverses this system, causing minor localised flooding after heavy rains.

**LAND SYSTEM**

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Weldborough



COMPONENT	1	2
PROPORTION %	80	20
CLIMATE	Average Annual Rainfall 1 500-2 000 mm	
GEOLOGY	Tertiary clays and gravels	
TOPOGRAPHY		
Land form	Undulating plains	
Position	Rolling plains	Slopes and swales
Average Sideslope °	2	2
NATIVE VEGETATION		
Structure	Woodland	
Association	White gum, black peppermint, silver wattle	Black peppermint, swamp gum, white gum, black wattle
SOIL	Dark brown (10 YR 3/3) gradational soil	Mottled strong brown (7.5 YR 5/8) grey (10 YR 6/1) clay soil, uniform texture
Surface Texture	Gravelly clay loam	Light clay
Permeability	Moderate	Low
Average Depth m	1.5	>2.0
PRESENT LAND USE	Grazing, nature conservation	
HAZARDS	Moderate to low sheet and gully erosion	