

LAND SYSTEM
Fosterville Plains

288111

Area (ha):
303

COMPONENT	A	B	C
PROPORTION(%)	40	30	30
RAINFALL(mm)	Approximate Annual Rainfall: 500-625		
GEOLOGY	Tertiary Sediments (Clays, Gravels, Sands)		
TOPOGRAPHY	Open Plains		
Position		Terraces	
Typical Slope()	2	2	1
NATIVE VEGETATION			
Structure		Woodland	
Floristic Association (See Appendix 1 for common names)	<i>Eucalyptus viminalis</i>		<i>Eucalyptus pauciflora</i>
	<i>Eucalyptus pauciflora</i>	cleared	
	<i>Eucalyptus rubida</i>		
	<i>Acacia dealbata</i>		
SOIL			
Surface(A)Texture	Gravelly Clay Loam	Clay Loam	Clay Loam
B Horizon(subsoil) Colour (moist) Texture and form	Deep medium clay - Dark greyish brown (10 YR 4/2) to dark brown (10 YR 3/3) Duplex.	Deep heavy clay (with some lateritic gravels present). Dark brown (10 YR 3/3) to yellowish brown (10 YR 5/4). Duplex.	Deep heavy clay - yellowish brown (10 YR 5/8) . Duplex.
Permeability	Moderate/Low	Low/Moderate	Low/Moderate
Typical depth(m)	>1.40	>1.40	>1.40
LAND USE	Grazing, Cropping		
HAZARDS	Localised Flooding, Waterlogging		

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FOSTERVILLE FLATS

This small land system consists of Tertiary deposits on the Macquarie River about 5 km south west of Campbell Town.

The open plains contain deep (>1.40 m) duplex soils with a clay loam to gravelly clay loam surface over a dark greyish brown, yellowish brown or pale brown medium to heavy clay. Lateritic gravels are sometimes present in the surface horizon of component B. In component C a sloppy, pale brown (10 YR 6/3) layer full of lateritic gravel lies between the clay loam surface and heavy clay subsoil.

The land system is used for grazing and cropping. Flooding and waterlogging problems occur on drainage lines and flats. The native woodland vegetation of *Eucalyptus viminalis*, *Eucalyptus pauciflora* and *Eucalyptus rubida* over *Acacia dealbata* has been extensively cleared.



Open plains of the Fosterville Flats (288221) Land System with the Isis Hills (272242) Land System behind.