

<b>YARRA FLOODPLAIN (Yaf) LAND SYSTEM (Area: 62 km<sup>2</sup>; 2.1%)</b>						
Frequently flooded floodplain of the lower-middle Yarra River and some tributaries, with mostly recent clayey alluvial soils; open-forest of manna gum-swamp gum-river red gum, now cleared.						
<b>LAND COMPONENT</b>	1	2	3	4	5	6
Proportion (%)	3	10	60	2	23	2
<b>CLIMATE</b>	Annual precipitation 750-1000 mm					
<b>GEOLOGY</b>	Recent alluvial sediments					
<b>TOPOGRAPHY</b>	Between 60-80					
Elevation (m)	Between 60-80					
Local Relief (m)	<5					
Land Form	Flood plain (flooded annually)					
Position	River channel	Levee	Back plain	Oxbow lake or swamp	Local depression	Alluvial fans
Sideslope (%)	Stream grade: <0.1	4	0-2	-	0-1	1-5
Slope Shape	Linear	Convex	Linear	-	Concave	Concave
<b>NATIVE VEGETATION</b>	Open forest Woodland or open-forest					
Structure	Open forest Woodland or open-forest					
Association	Manna gum, river red gum, swamp gum. Probably also red box, yellow box and other species. Swamp paperback in wettest areas.					
<b>SOILS</b>	Wholly cleared for grazing with exception of parts of water frontage and permanent swamps.					
Group	-	Recent sandy soil	Dark cracking clay soil	-	Grey cracking clay soil	Yellow brown mottled duplex soil, often gravelly in subsoil
Northcote Class	-	Uc 1.2, Uc 1.4	Ug 5.17	-	Ug 5.25	Dy 3
Surf. Texture	-	Sand to fine sandy loam	Clay loam	-	Clay loam	Sandy loam
Subsurf. Texture	-	Sand to loamy sand	Silty clay to clay	-	Silty clay to clay	Sandy clay to silty clay
Permeability	-	Excessive	Low	-	Low	Low
Soil Depth (m)	-	>2.00	>2.00	-	>2.00	>2.00
<b>LAND USE</b>	Wholly cleared for grazing with exception of parts of water frontage and permanent swamps.					
<b>HAZARDS</b>	Access deterioration by stock and people	Low erosion; Moderate deposition; Low flooding	High flooding; Waterlogging	High flooding	High flooding; Waterlogging	Moderate gullyng; Low flooding
<b>CAPABILITY</b>	IV	IV	IV	IV	IV	IV
Urban Subdivision	IV	IV	IV	IV	IV	IV
Rurban Subdivision	D	D	D	D	D	C
Agriculture	4	3	3	4	3	2