

YARRA FLOODPLAIN (Yaf) LAND SYSTEM (Area: 62 km²; 2.1%)						
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.						
LAND COMPONENT	1	2	3	4	5	6
Proportion (%)	3	10	60	2	23	2
CLIMATE	Annual precipitation 750-1000 mm					
GEOLOGY	Recent alluvial sediments					
TOPOGRAPHY	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
NATIVE VEGETATION	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.					
SOILS	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
LAND USE	Wholly cleared for grazing with exception of parts of water frontage and permanent swamps.					
HAZARDS	Access deterioration by stock and people	Low erosion; Moderate deposition; Low flooding	High flooding; Waterlogging	High flooding	High flooding; Waterlogging	Moderate gullyng; Low flooding
CAPABILITY	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