

<b>YARRA GLEN (Yag) LAND SYSTEM (Area: 150 km<sup>2</sup>; 5.1%)</b>					
Rolling country on sedimentary rocks with yellow brown duplex soils; woodland to open-forest of messmate-peppermint-stringybark, mostly cleared.					
<b>LAND COMPONENT</b>	1	2	3	4	5
Proportion (%)	7	40	18	15	20
<b>CLIMATE</b>	Annual precipitation 750-1250 mm				
<b>GEOLOGY</b>	Folded siltstones, mudstones, shales and sandstones of Silurian or Lower Devonian age. Local colluvium and fan deposits originating from neighbouring land systems.				
<b>TOPOGRAPHY</b>	Between 100-300				
Elevation (m)	Generally not more than 25, locally up to 40				
Local Relief (m)	Rolling terrain on lower valley slopes				
Land Form	Rolling terrain on lower valley slopes				
Position	Drainage lines	Long gentle slopes on bedrock	Broad undulating crests	Short fairly steep slopes	Colluvium and fan deposits
Sideslope (%)	Stream grade: <1	2-7; ave. 5	1-5; ave. 3	7-15; ave. 10	1-5; ave. 2
Slope Shape	Linear	Linear	Undulating	Convex	Concave
<b>NATIVE VEGETATION</b>	Woodland or open-forest				
Structure	Woodland or open-forest				
Association	Manna gum, swamp gum, some messmate and river red gum	Messmate, broad leaf and narrow leaf peppermint, stringybark, long leaf box, and some swamp gum in wet spots.			
<b>SOILS</b>	Yellow brown duplex soil				
Group	Grey mottled duplex soil	Yellow brown duplex soil			Lower slopes as component (1); upper slopes as component (2)
Northcote Class	Dg 2	Dy 3			Dy 3, Dg 2
Surf. Texture	Silt loam	Silt loam to fine sandy loam			
Subsurf. Texture	Silty loam	Silty clay loam to silty clay			
Permeability	Low	Low			Low
Soil Depth (m)	>2.00	0.80-1.50; ave 1.20		<1.00	>1.50
<b>LAND USE</b>	Wholly cleared for grazing; some cropping. Also urban and rural use.				
<b>HAZARDS</b>	Waterlogging; Low flooding	Low sheet erosion	Low sheet erosion	Moderate sheet erosion	Low sheet erosion; Waterlogging
<b>CAPABILITY</b>					
Urban Subdivision	IV	I	I	II	I
Rurban Subdivision	B	A	A	B	A
Agriculture	3	2	2	3	2