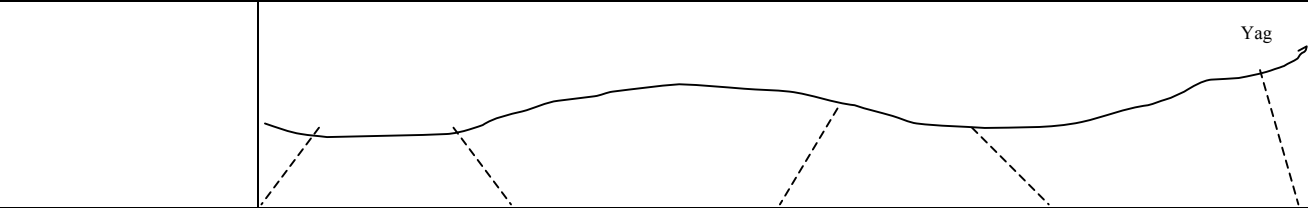


CHATEAU YERING (Chy) LAND SYSTEM (Area: 45 km²; 1.5%)

Undulating country on fine-grained sedimentary rocks with yellow brown duplex soils; messmate – peppermint – stringybark woodland, mostly cleared.



LAND COMPONENT	1	2	3	4
Proportion (%)	7	58	5	30
CLIMATE	Annual precipitation 750-1200 mm			
GEOLOGY	Folded siltstones, mudstones, shales and sandstones of Silurian or Lower Devonian age; local colluvium and fan deposits originating from neighbouring land systems.			
TOPOGRAPHY	Elevation (m) 60-200			
Local Relief (m)	15-30			
Land Form	Undulating terrain			
Position	Drainage lines and valley floors	Long gentle slopes on bedrock	Short moderate steep slopes	Alluvial fans
Sideslope (%)	Stream grade: <0.5	1-5; ave. 3	5-12; ave. 8	1-5; ave. 2
Slope Shape	Weakly concave	Linear	Convex	Concave
NATIVE VEGETATION	Woodland or open-forest			
Structure	Woodland or open-forest			
Association	Manna gum, swamp gum, some river red gum, some messmate	Messmate, broad leaf and narrow leaf peppermint, red and brown stringybark, long-leaf box, some swamp gum and manna gum.		
SOILS	Grey and yellow-brown mottled duplex soil			
Group	Grey and yellow-brown mottled duplex soil	Yellow brown mottled duplex sol		Yellow brown mottled duplex; gradational red or reddish brown mottled soil.
Northcote Class	Dg 2 Dy 3	Dy 3		Dy 3, Gn 3.5, Gn 4.14
Surf. Texture	Silt loam – silty clay loam	Fine sandy loam to silt loam		Loamy sand to silt loam
Subsurf. Texture	Silty clay	Silty clay loam to silty clay		Silty clay loam to silty clay
Permeability	Low	Low		Low to mod
Soil Depth (m)	>2.00	0.80-1.50; ave. 1.20		>2.00
LAND USE	Almost wholly cleared for grazing. Some forested parts remaining near Narbethong. Urban and rural development.			
HAZARDS	Waterlogging, low flooding	Low sheet erosion	Moderate sheet erosion	Low sheet erosion, waterlogging.
CAPABILITY	Urban Subdivision IV I II II			
Urban Subdivision	IV	I	II	II
Rurban Subdivision	B	A	B	A
Agriculture	3	2	3	2