

CARDINIA (Car) LAND SYSTEM (Area: 21 km²; 0.7%)

Low hills and rolling terrain on granodiorite with yellow brown duplex soils; messmate and peppermint woodland, mostly cleared.

LAND COMPONENT	1	2
Proportion (%)	6	94
CLIMATE	Annual precipitation 900-1200 mm	
GEOLOGY	Lysterfield granodiorite	
TOPOGRAPHY	Low hills and strong rolling terrain	
Elevation (m)	100-230	
Local Relief (m)	About 60	
Land Form	Low hills and strong rolling terrain	
	Drainage lines	Slopes
Position	Stream grade; <math>< 1.0</math>	5-15; ave. 10
Sideslope (%)	-	Convex to concave
Slope Shape	Woodland	
NATIVE VEGETATION	Manna gum, some messmate	Messmate, narrow leaf peppermint
Structure		
Association	Undifferentiated sandy clay loam	Yellow brown mottled duplex soil, generally with thick light grey sandy topsoil
SOILS	Um	Dy3
Group		
Northcote Class	Loamy sand to sandy clay loam	Loamy sand to sandy loam
Surf. Texture	Loamy sand to sandy clay loam	Sandy clay loam to sandy clay
Subsurf. Texture	Low	Low
Permeability	0.50-1.50	0.50-1.50
Soil Depth (m)	Mostly cleared for grazing; catchment; rurban development	
LAND USE	Moderate gully erosion, waterlogging	Moderate sheet erosion, slumping on roadside batters
CAPABILITY		II
Urban Subdivision	IV	
Rurban Subdivision	D	B
Agriculture	3	3