

COCKATOO (Ckt) LAND SYSTEM (Area: 48 km²; 1.6%)				
Hills on metamorphosed rock, with reddish gradational soils, locally shallow; messmate-stringybark open-forest, partly cleared.				
LAND COMPONENT	1	2	3	4
Proportion (%)	3	2	75	20
CLIMATE	Annual precipitation 1200-1400 mm			
GEOLOGY	Metamorphosed aureole of sedimentary origin. Degree of metamorphism variable from hornfels to slightly altered siltstones.			
TOPOGRAPHY				
Elevation (m)	150-300			
Local Relief (m)	150			
Land Form	Hills			
Position	Drainage line (minor component)	Narrow crests	Slopes and colluvial aprons	Broad crests
Sideslope (%)	Stream grade: 2.5	2-10; ave 6	10-20; ave 15	2-10; ave 4
Slope Shape	-	Convex	Linear to convex	Convex
NATIVE VEGETATION	Open-forest			
Structure				
Association	Messmate, stringybark, also some broad leaf peppermint			
SOILS				
Group	-	Shallow brown loams; may be stony	Yellow red or reddish brown gradational soil of varying depth, local small areas of yellow gradational soil.	
Northcote Class	-	Uc 1.4	Gn 3.11 and Gn 3.21	
Surf. Texture	-	Loam, or very fine sandy loam	Very fine sand loam to silt loam	
Subsurf. Texture	-	Loam or very fine sandy loam, may be stony	Sandy clay loam to silty clay	
Permeability	-	Moderate	Moderate	
Soil Depth (m)	-	0.40-0.80	Several m on colluvium; 1.00->2.00	
LAND USE	Partly cleared fro grazing or cropping. Urban and rurban development; also forested areas for catchment protection.			
HAZARDS	Moderate flash flooding	Low sheet erosion	Moderate sheet erosion, low landslip	Low sheet erosion
CAPABILITY				
Urban Subdivision	IV	III	II	I
Rurban Subdivision	D	B	A	A
Agriculture	4	3	2	1