

LILYDALE (Lil) LAND SYSTEM (Area: 11 km²; 0.4%)

Rolling country including aprons and fans on rhyodacite and rhyolite with yellow brown and reddish duplex soils; messmate-stringybark open forest or woodland, mostly cleared.

LAND COMPONENT	1	2	3
Proportion (%)	5	65	30
CLIMATE	Annual precipitation 800-1000		
GEOLOGY	Mt Dandenong volcanics: Mt Evelyn rhyodacites and Coldstream rhyolite		
TOPOGRAPHY			
Elevation (m)	100-200		
Local Relief (m)	30-50		
Land Form	Rolling and undulating surface		
Position	Minor drainage lines	Low rises and swales	Colluvial aprons and fan deposits
Sideslope (%)	Stream grade: 1-3	3-15; ave. 6	3-15; ave. 8
Slope Shape	Linear to concave	Variable	Concave
NATIVE VEGETATION			
Structure	Open-forest or woodland		
Association	Messmate, stringybarks, narrow leaf and broad leaf peppermint, swamp gum		
SOILS			
Group	Grey and yellow brown mottled duplex soil, and undifferentiated soil.	Yellow brown mottled duplex soil.	Reddish brown or yellow duplex soil; locally reddish brown gradational soil which may be stony.
Northcote Class	Dg 2, Dy 3, Um 1.3	Dy 3.21, Dy 3.41	Dy 3.21, Gn 4.14, Gn 4.34
Surf. Texture	Sandy loam to sandy clay loam	Loamy fine sand to silt loam	Loamy fine sand to fine sandy loam
Subsurf. Texture	Sandy clay loam to clay	Fine sandy clay to clay	Sandy clay loam to clay
Permeability	Low	Low	Low or moderate
Soil Depth (m)	>2.00	1.00-1.50	>2.00
LAND USE	Mostly cleared for urban use; some grazing and some market gardening.		
HAZARDS	Waterlogging	-	Low sheet erosion
CAPABILITY			
Urban Subdivision	IV	I	I
Rurban Subdivision	D	A	A
Agriculture	3	2	2