

<b>DON VALLEY (Don) LAND SYSTEM (Area: 79 km<sup>2</sup>; 2.7%)</b>					
Old, dissected valley bottoms, landslip areas, fans and aprons, derived from volcanic or granitic rocks, with red and brown gradational soils; messmate-peppermint-manna gum open-forest, partly cleared.					
<b>LAND COMPONENT</b>	1	2	3	4	5
Proportion (%)	3	50	15	22	10
<b>CLIMATE</b>	Annual precipitation 1200-1400 mm				
<b>GEOLOGY</b>	Upper Devonian volcanics (rhyodacites); locally also mudstones and siltstones; extensive deposits of transported soils derived from volcanic rocks and locally also from granodiorite.				
<b>TOPOGRAPHY</b>	Elevation (m) 170-400				
Local Relief (m)	200				
Land Form	Old dissected valley bottoms persisting as benches, old landslips, fans and colluvial aprons and moderate steep hillslopes.				
Position	Valley bottoms	Fans and aprons	Hillslopes	Old landslip areas	Dissected bench
Sideslope (%)	Stream grade: 2-3	8-12	8-20; ave. 15	8-20; ave. 15	5-10
Slope Shape	-	Concave	Variable	Irregular	Mostly linear
<b>NATIVE VEGETATION</b>	Structure Open forest				
Association	Messmate, broad leaf and narrow leaf peppermint, stringybarks, manna gum and candlebark.				
<b>SOILS</b>	Deep, red and reddish brown gradational soil. Yellow brown mottled duplex at base of aprons and fans.				
Group	Brown loamy undifferentiated soil stony at depth	Common rock fragments with thick weathered rinds.	-	Often abundant rock fragments	Locally over sedimentary rock
Northcote Class					
Surf. Texture	Um	Gn 3.11 Dy 3	Gn 3.11	Gn 3.11	Gn 3.11
Subsurf. Texture	Fine sandy loam	Fine sandy loam to silt loam			
Permeability	Fine sandy loam	Silty clay loam to silty clay			
Soil Depth (m)	High	Moderate to high			
<b>LAND USE</b>	>2.00	>2.00	1.50-2.00	>2.00	1.50-2.00
<b>HAZARDS</b>	A considerable proportion of this land has been cleared for grazing, horticulture and urban development.				
<b>CAPABILITY</b>	Access deterioration; stream deterioration	Low sheet erosion	Low sheet erosion	Moderate landslip	-
Urban Subdivision					
Rurban Subdivision	IV	II	III	IV	I
Agriculture	D	A	B	B	A
Agriculture	3	2	3	3	1