

<b>UPWEY (Upw) LAND SYSTEM (Area: 178 km<sup>2</sup>; 6.0%)</b>			
High broad-crested hills on rhyodacites with friable red gradational soils; messmate-peppermint-mountain grey gum and local mountain ash open-forest, mostly cleared.			
<b>LAND COMPONENT</b>	1	2	3
Proportion (%)	3	87	10
<b>CLIMATE</b>	Annual precipitation 1000-1250 mm		
<b>GEOLOGY</b>	Mt Dandenong volcanics (rhyodacites and rhyolites)		
<b>TOPOGRAPHY</b>	High hills with mostly broad crests and moderately steep to steep slopes.		
Elevation (m)	130-270		
Local Relief (m)	100-140		
Position	Drainage lines, often narrow and V-shaped	Moderate steep to steep slopes	Broad crests
Sideslope (%)	Stream grade: 4-6	10-20; ave. 15	5-10
Slope Shape	-	Variable	Convex
<b>NATIVE VEGETATION</b>	Open-forest		
Association	Messmate, broad leaf peppermint, candlebark, mountain grey gum, with mountain ash and manna gum in sheltered valleys.		
<b>SOILS</b>	Friable red or reddish brown gradational soil		
Group	Dark or brown undifferential loam soil where flats exist.		
Northcote Class	Um	Gn 3.11	
Surf. Texture	Loam or silt loam	Silt loam	
Subsurf. Texture	Sandy loam to silt loam	Silty clay loam to silty clay	
Permeability	High	High	
Soil Depth (m)	>2.00	1.50->2.00	
<b>LAND USE</b>	Mostly cleared for urban development and grazing. Also rural development and some horticulture.		
<b>HAZARDS</b>	Stream bank erosion	Low sheet erosion	-
<b>CAPABILITY</b>			
Urban Subdivision	IV	II	I
Rurban Subdivision	D	A	A
Agriculture	4	3	2