

**THE TRIANGLE (Tri) LAND SYSTEM (Area: 89 km<sup>2</sup>; 3.0%)**

High level plateau remnants on sedimentary rocks with brown gradational soils, fairly shallow, locally stony; open-forest of alpine ash and other communities.

<b>LAND COMPONENT</b>	1	2	3
Proportion (%)	2	96	2
<b>CLIMATE</b>	Annual precipitation 1300-1400 mm		
<b>GEOLOGY</b>	Folded siltstones, mudstones, shales and sandstones of Lower Devonian age.		
<b>TOPOGRAPHY</b>			
Elevation (m)	850-1150; mostly 970-1050		
Local Relief (m)	<60 m		
Land Form	Undulating and rolling plateau remnants (surrounded by steeply dissected margins). (Reefton Spur and Upper Baker Ck LS).		
Position	V-shaped drainage lines	Gently sloping crests	Broad drainage depression
Sideslope (%)	Stream grade: 1-5	1-15; ave. 7	1
Slope Shape	Linear	Convex	Concave
<b>NATIVE VEGETATION</b>			
Structure	Open forest		Sedgeland
Association	Alpine ash in pure stands; at lower elevations mixed mountain gum, candlebark and messmate. Interspersed myrtle beech and tree-ferns in cool sheltered locations.		Sedges, grasses, sphagnum moss, some low shrubs, with grassy margins.
<b>SOILS</b>			
Group		Brown gradational soils in some places very stony, often fairly shallow	Acid organic soil
Northcote Class	-	Gn 3.21, Gn 2.41	0
Surf. Texture	-	Silt loam	Silt loam
Subsurf. Texture	-	Silty clay loam to silty clay	Silt loam
Permeability	-	Moderate to high	Low
Soil Depth (m)	-	0.80-1.20	0.50-1.00
<b>LAND USE</b>	Catchment, native forest regrowth.		
<b>HAZARDS</b>	Short cool growing season		Permanent high watertable; high organic content; stream incision
<b>CAPABILITY</b>			
Urban Subdivision	IV	(climatic constraints) I	IV
Rurban Subdivision	D	(climatic constraints) A	D
Agriculture	4	3	4