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Scarp - Tunbridge Tier

This land system extends along the eastern margin of the Central Plateau from the Blackman River in the south to Millers Bluff in the north. It forms an escarpment which is mantled in places by dolerite solifluction deposits of periglacial origin. This steep escarpment slope includes areas of boulder deposits devoid of vegetation.

soils on the slopes are well drained and tend to be duplex on lower and mid slopes, whilst upper slope profiles are gradational. All components are stony with extensive boulder fields occurring on upper slopes. Colours vary from dark yellowish brown to yellowish red for duplex soils, while gradational examples are strong brown and all are relatively deep.

All components contain tall open forests dominated by *Eucalyptus delegatensis* and *E. dalrympleana*. common understorey species are *Acacia melanoxylon*, *A. dealbata* and *Bedfordia salicina*. *A. melanoxylon* is seldom found on the plateau top, but prefers the relatively frost-free areas of the escarpment slope where cold air readily drains away.

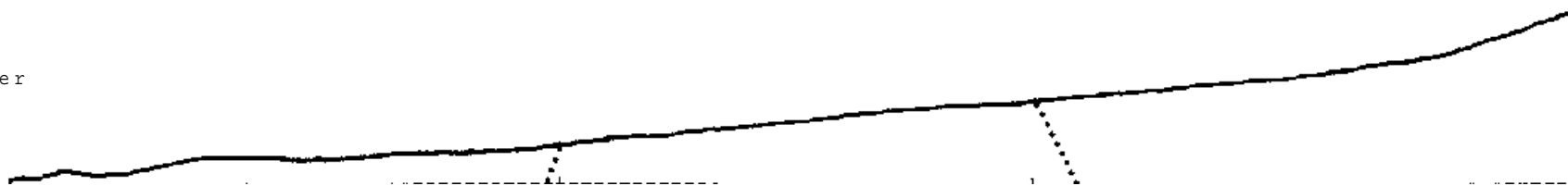
Land use is restricted to forestry operations and recreation (hunting). Hazards include a low to moderate potential for sheet erosion due to steep and relatively long slopes.

LAND-SYSTEM

Scarp-Tunbridge Tier

3 7 2 3 5 1

Area (ha):
4 8 9 6



COMPONENT	1	2	3
PROPORTION (%)	35	30	35
RAINFALL (mm)	Approximate Annual Rainfall: 625-750		
GEOLOGY	Jurassic dolerite		
	(Extensive scree slopes occur in places)		
TOPOGRAPHY	Escarpment		
Position	Lower Slopes	Mid Slopes	Upper Slopes
Typical Slope(°)	20-30	20-30	20-30
NATIVE VEGETATION			
Structure	(Tall) Open Forest	(Tall) Open Forest	(Tall) Open Forest
Floristic Association (See Appendix 1 for common names)	Eucalyptus delegatensis E. dalrympleana Acacia melanoxylon A. dealbata Pultenaea juniperina Lomandra longifolia Pteridium esculentum Poa sp.	Eucalyptus delegatensis E. dalrympleana Banksia marginata Acacia dealbata Bedfordia salicina Pultenaea juniperina Lomatia tinctoria Pteridium esculentum Lomandra longifolia Poa sp.	Eucalyptus delegatensis E. dalrympleana Acacia dealbata A. melanoxylon Bedfordia salicina Olearia phlogopappa O. vlscosa Senecio sp. Pteridium esculentum Lomandra longifolia Poa sp.
SOIL			
Surface(A)Texture	Sandy Clay Loam	Clay Loam	Sandy Clay Loam
B Horizon(subsoil) Colour (wet) Texture and primary profile form	Stony, dark yellowish brown (10 YR 4/6) medium clay. Duplex	Stony, yellowish red (5 YR 4/6) light medium clay. Duplex	Stony, strong brown (7.5 YR 4/6) sandy clay. Profile very rocky. Gradational
Permeability	Moderate	Moderate	High-Moderate
Typical depth(m)	>0. 60	>0. 70	>0. 50
Depth(A)Horizon(m)	0. 15	0. 10	0. 10
LAND USE	Forestry, recreation		
HAZARDS	Low sheet and minor rill erosion		



Forests dominated by *Eucalyptus delegratensis* and *E. dalrympleana* on the upper slopes of the land system, with *Acacia melanoxylon* in the understorey.