

372352

Scarp - Threshermans Hill

A different topographic aspect probably explains some of the differences between this land system and the previous one. It has a rather contorted semi-circular shape stretching from Threshermans Hill to the lower slopes of Millers Bluff on the eastern extreme of the study area. It is an escarpment with a concave shape and relatively steep slopes. Extensive boulder deposits are common on upper components, while (dolerite) boulders are widespread on the surface and in soil profiles of all components.

Soils were probably influenced by Pleistocene periglacial conditions which contributed to the rocky and stony nature of the profiles. Most components support deep, yellowish brown soils. Soils are probably relatively fertile and have open to tall open *Eucalyptus delegatensis* and *E. dalrympleana* forest with *Acacia dealbata*, *A. melanoxylon* and *Hakea lissosperma* common in the understorey. At higher altitudes the understorey is typically lower (see photograph) with open heaths of *Lomatia tinctoria*, *Cyathodes parvifolia*, *Lissanthe montana* and *Coprosma nitida*.

Forestry and recreation are the main land uses in this state Forest region. There is a low to moderate sheet erosion hazard in the area with minor rilling a possibility.



Selective logged site on an upper slope position with an open forest canopy and typical open heath understorey.

LAND SYSTEM

Scarp-Threshermans Hill

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Area (ha):
14169



COMPONENT	1	2	3
PROPORTION (%)	20	40	40
RAINFALL(mm)	Approximate Annual Rainfall: 625-750		
GEOLOGY	Jurassic dolerite (Extensive scree slopes in places)		
TOPOGRAPHY	Escarpment		
Position	Rocky Lower Slopes	Rocky Mid Slopes	Upper Slopes/Rocky Crests
Relative slope (%)	10-15	15-20	20-30
NATIVE VEGETATION			
Structure	(Tall) Open Forest	(Tall) Open Forest	Open Forest
Floristic Association (See Appendix 1 for common names)	Eucalyptus delegatensis E. dalrympleana Acacia dealbata Acacia melanoxylon Pittosporum bicolor Pultenaea juniperina Lomandra longifolia Pteridium esculentum Polystichum proliferum	Eucalyptus delegatensis Acacia dealbata Lomatia tinctoria Pultenaea juniperina Cyathodes parvifolia Lissanthe montana Lomandra longifolia Pteridium esculentum	Eucalyptus delegatensis Hakea lissosperma Olearia viscosa Notelaea ligustrina Lomatia tinctoria Cyathodes parvifolia Lissanthe montana Coprosma nitida
	In wetter gullies of mid and lower slopes: Leptospermum lanigerum, Pittosporum bicolor, Bedfordia salicina		
SOIL Surface(A)Texture	Sandy Clay Loam	Organic Loam	Organic Loam
B Horizon(subsoil) Colour (wet) Texture and primary profile form	Stony, gravelly, strong brown (7.5 YR 4/6) sandy clay. Gradational	Stony, gravelly, reddish brown (5 YR 4/4) sandy clay loam. Gradational	Very Stony, gravelly, dark yellowish brown (10 YR 4/6) sandy clay loam. Gradational
Permeability	High-Moderate	High	High
Typical depth(m)	>1.50	>1.00	>0.50
Depth(A)Horizon(m)	0.10	0.10-0.15	0.15
LAND USE	Forestry, recreation		
HAZARDS	Moderate to low sheet erosion, minor rilling		