

572342

GREY MOUNTAIN

Rugged dolerite hills and associated plains near Snug Tiers south of Hobart comprise the Grey Mountain Land System.

Crests and upper slopes contain a deep (1.00 m) extremely stony, gradational soil consisting of a clay loam surface over dark yellowish brown to yellowish red, light clay. These areas support open to low open forest dominated by *Eucalyptus delegatensis* with *Eucalyptus pulchella*, *Eucalyptus urnigera*, and *Eucalyptus cordata*. The understorey includes *Pomaderris apetala*, *Acacia riceana*, *Bedfordia salicina*, *Prostanthera lasianthos*, *Gahnia grandis*, *Correa lawrenciana*, *Pultenaea juniperina*, *Olearia viscosa*, *Banksia marginata*, *Leptospermum scoparium*, *Phebalium squameum*, *Monotoca glauca*, *Richea dracophylla* and *Lomatia tinctoria*.

Lower slopes and gullies contain a deep (0.70 m) stony, uniform, reddish brown clay loam that supports open to tall open forest dominated by *Eucalyptus obliqua* and *Eucalyptus regnans* with an understorey of *Pomaderris apetala*, *Olearia argophylla*, *Polystichum proliferum*, *Coprosma quadrifida*, *Bedfordia salicina* and *Pteridium esculentum*.

Open drainage flats and depressions subject to cold-air drainage have a deep (e.g. 1.00 m) duplex soil consisting of a silty clay loam surface over a very dark brown, stony loam over a dark yellowish brown, light clay. These areas support a closed heath or sedgeland of *Eucalyptus gunnii*, *Epacris gunnii*, *Callistemon viridiflorus*, *Helichrysum rosmarinifolium*, *Diplarrena moraea*, *Blechnum penna-marina*, *Empodisma minus*, *Gymnoschoenus sphaerocephalus*, *Rubus gunnianus* and various native grasses.

The major land uses are forestry, nature conservation and recreation. Erosion hazards are relatively low particularly when compared to the associated Snug Tiers (573341) Land System. Waterlogging hazards occur on the flats.

LAND SYSTEM  
Grey Mountain

5 7 2 3 4 2

Area ( ha ) :  
4 0 2 2 4

COMPONENT	A	B	C
PROPORTION (%)	45	45	10
RAINFALL (mm)	Approximate Annual Rainfall: 1000-1250		
GEOLOGY	Jurassic Dolerite		
TOPOGRAPHY	Hills		
Position	Forested Crests Upper Slopes	Forested Lower Slopes /Gullies	Open Drainage Flats/ Depressions
Typical Slope( )	20	10	0-1
NATIVE VEGETATION			
Structure	(Low) Open Forest	(Tall) Open Forest	Closed Heath/Sedgeland
Floristic Association (See Appendix 1 for common names )	<i>Eucalyptus delegatensis</i>	<i>Eucalyptus obliqua</i>	<i>Eucalyptus gunnii</i>
	( <i>Eucalyptus urnigera</i> )	<i>Eucalyptus regnans</i>	<i>Epacris gunnii</i>
	<i>Eucalyptus pulchella</i>	<i>Pomaderris apetala</i>	<i>Callistemon viridiflorus</i>
	<i>Eucalyptus cordata</i>	<i>Olearia argophylla</i>	<i>Helichrysum rosmarinifolium</i>
	<i>Bedfordia salicina</i>	<i>Polystichum proliferum</i>	<i>Diplarrena moraea</i>
	<i>Prostanthera lasianthos</i>	<i>Coprosma quadrifida</i>	<i>Blechnum penna-marina</i>
	<i>Gahnia grandis</i>	<i>Bedfordia salicina</i>	Grasses
	<i>Correa lawrenciana</i>	<i>Pteridium esculentum</i>	<i>Empodisma minus</i>
	<i>Pultenaea juniperina</i>		<i>Gymnoschoenus sphaerocephalus</i>
	<i>Olearia viscosa</i>		<i>Rubus gunnianus</i>
	<i>Banksia marginata</i>		
	<i>Leptospermum scoparium</i>		
	<i>Phebalium squameum</i>		
	<i>Monotoca glauca</i>		
<i>Pomaderris apetala</i>			
<i>Acacia riceana</i>			
SOIL			
Surface(A)Texture	Clay Loam	Clay Loam	Silty Clay Loam
B Horizon(subsoil ) Colour (moist) Texture and primary profile form	Extremely stony, light	Deep stony clay loam -	Light clay -
	clay - Dark yellowish	Reddish brown (5 YR 4/4).	Dark yellowish brown
	brown (10 YR 4/6) to	Uniform.	(10 YR 4/6)
	yellowish red (5 YR 4/6).		Duplex.
Gradational.			
Permeability	Moderate	Low	Moderate
Typical depth(m)	1. 00	0. 70	1. 00
LAND USE	Forestry, Nature Conservation, Recreation		
HAZARDS	Low Sheet, Rill, Gully Erosion		Waterlogging