

572241

PROSSERS FOREST

This system comprises low hills trending mainly north-west/south-east, which have formed on Jurassic dolerite and related rocks. The main occurrence is to the east of Launceston, stretching in a wide band from Turners Marsh to Deddington, and dissected by the St Patricks and North Esk Rivers. Smaller areas occur near Birralee (Black Sugarloaf) and between Elizabeth Town and Reedy Marsh in the west of the Region. It includes small areas of Quaternary deposits, similar to the Nunamara Land System (593221). Both the colluvium on the gentle lower slopes and the alluvium in the drainage lines are dolerite in nature.

Shallow stony gradational soils have developed on all components. Dolerite boulders and outcrops are common on all components but are more frequent on the upper components. Dolerite gravel occurs in the surface layer of most soils.

The open-forest vegetation on the three upper components is predominantly gum-topped stringybark and white gum. On the gentle lower slopes and drainage lines stringybark, white gum and black peppermint dominate. The main understorey plants are *Bedfordia salicina*, black wattle and *Senecio* spp.

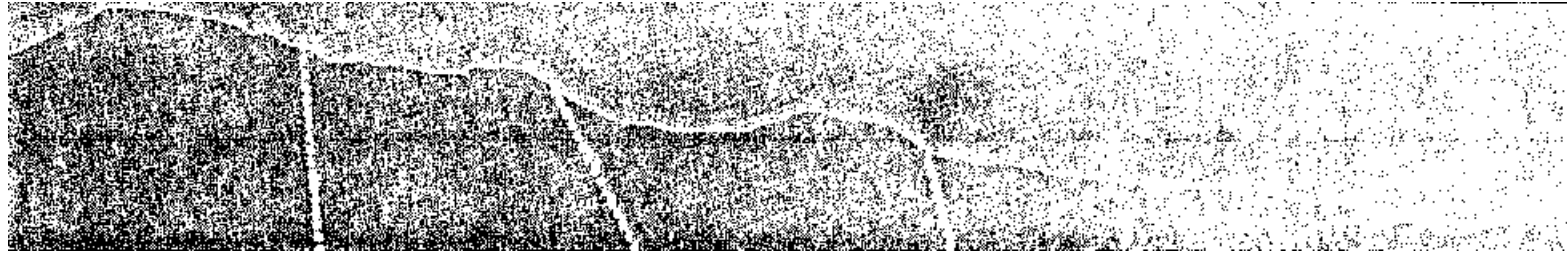
The shallow stony soils and rugged terrain have limited land use to forestry (hardwood and softwood), rough grazing and recreation, with extensive areas undeveloped.

Principal hazards are sheet and gully erosion.

LAND SYSTEM

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Prossers Forest



COMPONENT	1	2	3	4	5
PROPORTION %	20	15	25	30	10
CLIMATE	Average Annual Rainfall 1 000-1 250 mm				
GEOLOGY	Jurassic dolerite and related rocks				
				Colluvium from dolerite	Alluvium from dolerite
TOPOGRAPHY					
Land form	Hills trending mainly N.W.-S.E				
Position	Crests	Upper slopes, small plateaux	Mid slopes	Gentle lower slopes	Drainage lines
Average Sideslope°	8	6	12	5	3
NATIVE VEGETATION					
Structure	Open-forest				
Association	Gum-topped stringybark, white gum, <i>Bedfordia salicina</i> , <i>Helichrysum dendroideum</i>	Gum-topped stringybark, white gum, <i>Bedfordia salicina</i> , <i>Senecio</i> sp., tea-tree	Gum-topped stringybark, white gum, <i>Bedfordia salicina</i> , waratah	Stringybark, white gum, black peppermint, honey-suckle, bracken fern	Black peppermint, stringybark, white gum black wattle, silver wattle, paperbark
SOIL	Shallow, stony red (2.5 YR 4/8) gradational soil	Shallow, stony yellowish red (5 YR 4/6) gradational soil	Stony, strong brown (7.5 YR 5/6) gradational soil	Stony red (2.5 YR 5/8) gradational soil	Stony reddish brown (5 YR 4/4) gradational soil
Surface Texture	Gravelly loam	Gravelly clay loam		Gravelly light clay	Gravelly clay loam
Permeability	High		Moderate		Low
Average Depth m	0.3			0.5	1.3
PRESENT LAND USE	Forestry, nature conservation, grazing, recreation				
HAZARDS	High sheet erosion	Moderate sheet erosion			Low sheet and gully erosion