

822131

KYNANCE CREEK

A small area of low hills derived from Cambrian igneous rocks constitute the only occurrence of this system which is located midway between Zeehan and Trial Harbour.

The friable strong brown soils on the upper slopes are replaced by much shallower yellowish brown soils on the footslopes. Scattered outcrops of igneous rock are a feature of the poorly drained flats which are covered by typically dark grey soils.

Stringybark dominates the tall forest on the upper slopes while Smithton peppermint characterises the vegetation on the shallower soils of the footslopes. On both components is a secondary tree layer of myrtle and sassafras. A heath and sedge-land exists on the flats where *Melaleuca squamea* grows with *Leptocarpus tenax* and mountain cord rush.

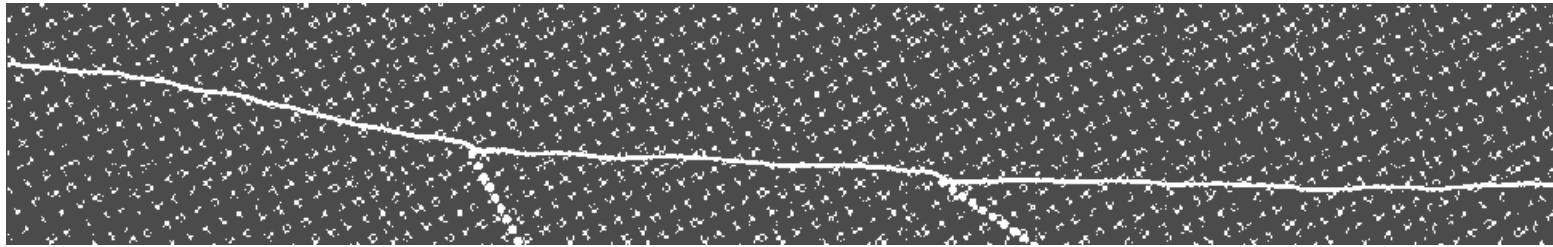
Forestry and nature conservation are two important land uses.

The major constraint to the use of this land is the poorly drained nature of the flats. However, sheet and gully erosion present a moderate hazard on the steeper slopes.

LAND SYSTEM

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Kynance Creek



COMPONENT	1	2	3
PROPORTION %	30	30	40
CLIMATE	Average Annual Rainfall 2 000-2 500 mm		
GEOLOGY	Cambrian coarse-grained basic igneous rocks		
TOPOGRAPHY	Low hills		
Land form			
Position	Steeper upper slopes	Gentle footslopes	Flats
Average Sideslope °	10	3	1
NATIVE VEGETATION			
Structure	Tall closed forest	Closed forest	Open heath and sedgeland
Association	Stringybark, myrtle, sassafras, horizontal, leather-wood	Smithton peppermint, <i>Acacia mucronata</i> , myrtle, sassafras	<i>Leptocarpus tenax</i> , mountain cord rush, cutting grass, <i>Melaleuca squamea</i>
SOIL	Stony, friable, strong brown (7.5 YR 5/6) clay soil, uniform texture	Yellowish brown (10 YR 5/8) clay soil, uniform texture	Dark greyish brown (10 YR 4/2) mud, scattered rock outcrop
Surface Texture		Peat	
Permeability		High	
Average Depth m	0.9	0.3	
PRESENT LAND USE	Forestry, nature conservation		
HAZARDS	Moderate sheet and gully erosion	Low sheet erosion	High waterlogging, moderate flooding