

824241

HUSKISSON RIVER

Around Mt Bischoff the Arthur and Whyte Rivers have cut deeply into Cambrian sedimentary and volcanic rocks to form Huskisson River land system. It is associated with the upper catchment of the Huskisson River and smaller areas occur at Mt Lindsay, between Renison Bell and Dundas and in the Henty River west of the Tyndall Range.

Soils on the steeper slopes vary greatly in depth, with profiles ranging from less than half to greatly in excess of two metres. The soils on the side-slopes have formed on gravelly colluvium. The fluvial material constituting component 4 is derived from the capping of Tertiary basalt on

adjacent areas and hence would be absent from the smaller bodies of the land system in the southern part of its distribution.

The tall forest vegetation is dominated in parts by the eucalypts and in others by the rainforest species, with yet other sites being covered by a mixture of these two elements. The understorey is typified by dogwood, leatherwood, horizontal and soft tree fern.

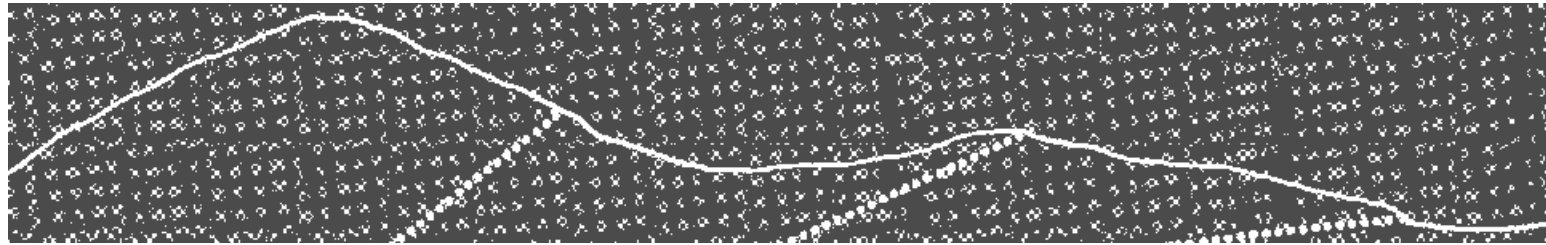
Forestry is the principal land use but nature conservation is also important.

The steep topography means a high sheet erosion hazard exists on the steep slopes with the consequent danger of siltation along the flowlines.

LAND SYSTEM

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Huskisson River



COMPONENT	1	2	3	4
PROPORTION %	35	30	25	10
CLIMATE	Average Annual Rainfall 2 000-2 500 mm			
GEOLOGY	Cambrian greywacke turbidite sequences , some basic intermediate volcanic rocks			Fluviatile Tertiary basalt
TOPOGRAPHY	Hills			
Land form	Hills			
Position	Steep upper slopes	Swales	Footslopes	Flowlines
Average Sideslope °	18	14	10	1
NATIVE VEGETATION	Tall closed forest			
Structure	Tall closed forest			
Association	Gum topped stringybark, stringybark, myrtle, sassafras, dogwood, leatherwood, horizontal, soft tree fern			
SOIL	Stony, gravelly, friable, yellowish red (5 YR 4/6) gradational soil	Gravelly, strong brown (7.5 YR 5/6) gradational soil	Gravelly, yellowish brown (10 YR 5/6) gradational soil	Stony, yellowish brown (10 YR 5/4) gradational soil
Surface Texture	Peaty loam			
Permeability	High		Moderate	
Average Depth m	1.0	1.3	1.8	1.5
PRESENT LAND USE	Forestry, nature conservation			
HAZARDS	High sheet erosion			Moderate flooding, siltation