

# 814241

## MT BISCHOFF

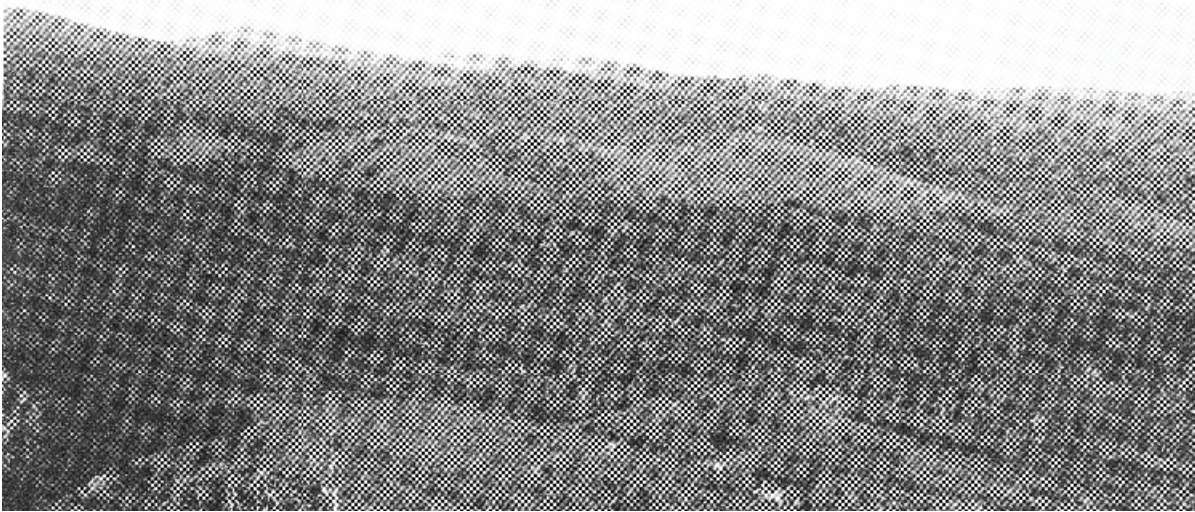
Mt Bischoff land system comprises areas of steep-sided ridges and valleys developed from Precambrian mudstones and slates. It includes Mt Bischoff, north of Waratah, but its main occurrence is as scattered areas between Renison Bell and Zeehan. The largest body begins at Drednought Hill, immediately south of Renison Bell, and curves north-west then west and south-west and finally south-easterly to just north of Zeehan.

Grey gradational soils cover the peaks and upper slopes while strong brown soils occupy the mid-slopes and deep clays exist on the narrow floodplain in the valleys.

Manuka, lancewood, black peppermint, *Acacia mucronata* and honeysuckle constitute the dense scrub on the highest parts. Elsewhere a closed rainforest community is dominated by myrtle and sassafras with leatherwood and lancewood as important understorey members. Mining activities have caused major disturbance to the vegetation in certain localities and this may, in part, explain the presence of the dense scrub.

Nature conservation, forestry and mining are the main land uses.

There is a high erosion hazard on the peaks and slopes with the consequent danger of siltation along the floodplain. Runoff from the steep side slopes is also likely to cause streambank erosion and flooding along the floors of the valleys.

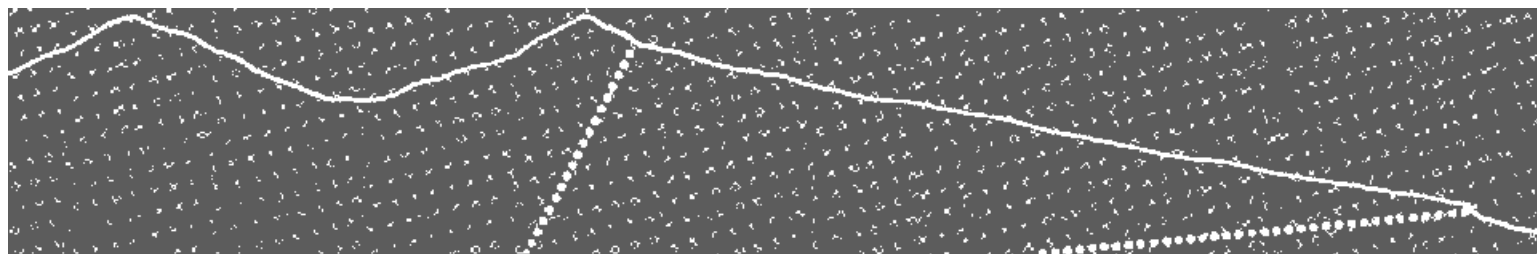


*The visual contrast between the structural forms of vegetation is clearly evident.*

LAND SYSTEM

814241

Mt Bischoff



COMPONENT	1	2	3
PROPORTION %	40	55	5
CLIMATE	Average Annual Rainfall 2 000-2 500 mm		
GEOLOGY	Precambrian mudstones, slates		
			Alluvium
TOPOGRAPHY	Steep-sided ridges and valleys		
Land form			
Position	Peaks, upper slopes	Midslopes	Narrow floodplain
Average Sideslope °	25	20	0
NATIVE VEGETATION			
Structure	Closed scrub	Closed forest	
Association	Manuka, lancewood, black peppermint, <i>Acacia mucronata</i> , honeysuckle, myrtle, sassafras	Myrtle, sassafras, leatherwood, lancewood, stringy gum	
SOIL	Gravelly, grey (10 YR 6/1) gradational soil	Very gravelly, strong brown (7-5 YR 5/6) gradational soil	Gravelly, grey (10 YR 5/1) clay soil, uniform texture, stony at depth
Surface Texture		Peat	
Permeability	Moderate	High	Moderate
Average Depth m	0.5	0.3	0.8+
PRESENT LAND USE	Nature conservation, forestry, mining		
HAZARDS	High rill and gully erosion		High flooding, siltation, and streambank erosion