

672341

EAGLE HAWK TIER

Hills trending mainly north-west/south-east, are found near Mt Barrow and Mt Arthur. These are formed on Jurassic dolerite, and surround the steeper and more rugged country of Barrow Land System (772451).

Stony gradational soils have developed on the three upper components. The stony clay soil in the drainage lines has formed on doleritic alluvium. Small areas of soils on Permian deposits, similar to those found in the Mathinna Plains Land System

(664321), are found around the eastern and south-eastern boundaries of this system.

Gum-topped stringybark and white gum dominate the forest canopy on components 1, 2 and 3. The open-forest vegetation in the drainage lines is predominantly stringybark and black peppermint. The main understorey plants are waratah, pink mountain berry, *Bedfordia salicina* and *Olearia phlogopappa*.

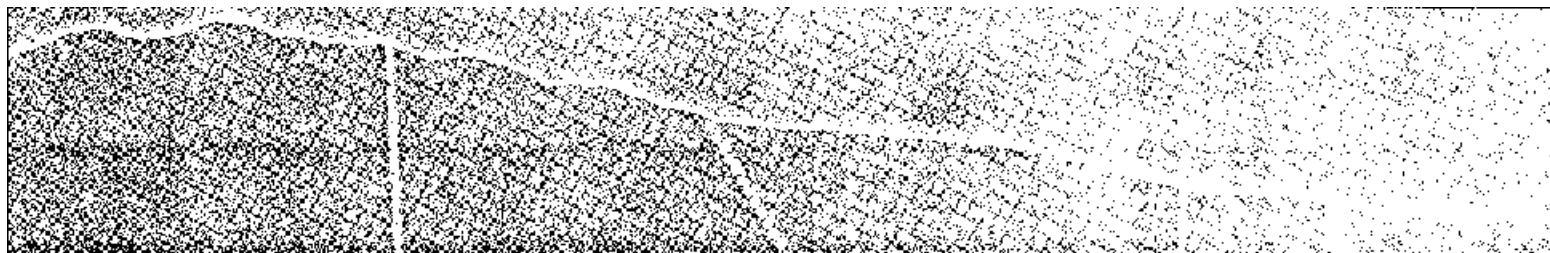
The rugged terrain and stony soils have prevented agricultural development and forestry, nature conservation and rough grazing are the main land uses.

Sheet and gully erosion are the major hazards.

LAND SYSTEM

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Eagle Hawk Tier



COMPONENT	1	2	3	4
PROPORTION %	25	20	30	25
CLIMATE	Average Annual Rainfall 1 250-1 500 mm			
GEOLOGY	Jurassic dolerite			
			Colluvium from dolerite	Alluvium from dolerite
TOPOGRAPHY				
Land form	Hills trending mainly N.W.-S.E.			
Position	Crests and upper plateaux	Upper slopes	Gentle lower slopes & plateaux	Drainage lines
Average Sideslope °	7	15	8	3
NATIVE VEGETATION				
Structure	Closed -forest		Open -forest	
Association	Gum-topped stringybark, white gum, waratah, pink mountain berry, golden pea, tea-tree	Gum-topped stringybark, white gum, myrtle, <i>Bedfordia salicina</i> , <i>Illeichrysum antennanum</i>	White gum, gum-topped stringybark, <i>Olearia phlogopappa</i>	Stringybark, black peppermint, silver wattle, honeysuckle
SOIL	Stony brownish yellow (10 YR 6/8) gradational soil	Stony dark reddish brown (5 YR 3/3) gradational soil	Stony reddish brown (5 YR 5/3) gradational soil	Stony yellowish brown (10 YR 5/8) clay soil, uniform texture
Surface Texture		Clay loam		Light clay
Permeability		Moderate		Low
Average Depth m	1.0	1.0	1.2	1.5
PRESENT LAND USE	Nature conservation, forestry, grazing			
HAZARDS	Severe sheet and gully erosion		Moderate sheet erosion	Low sheet erosion