

241131

TOBACCO HILL

Confined to two small areas in the north-east near Waterhouse Point, this system has formed on a granite outcrop forming low rounded hills.

Although the crests and upper slopes are mostly rock outcrops, some gritty mottled duplex soils, similar to those on the lower slopes, are present. Gradational soils, as opposed to duplex, are found in the drainage lines. Some areas of granite soils are overlain by locally derived wind-blown sands. Some

of these soils have been previously described by Hubble (1946).

The open-forest on the crests and upper slopes is dominated by white gum. A woodland dominated by white gum, black peppermint, swamp gum and black wattle with an understorey of prickly box, native cherry and saggs is found on the two lower components.

Parts of the system have been partially cleared and used for rough grazing.

Hazards are low to moderate sheet, gully and wind erosion.

LAND SYSTEM

241131

Tobacco Hill



COMPONENT	1	2	3
PROPORTION %	15	75	10
CLIMATE	Average Annual Rainfall 500-625 mm		
GEOLOGY	Devonian granite and granodiorite		
	Mainly rock outcrops		
TOPOGRAPHY			
Land form	Low rounded hills		
Position	Crests and upper slopes	Lower slopes	Drainage lines
Average Sideslope °	3	2	1
NATIVE VEGETATION			
Structure	Open-forest	Woodland	
Association	White gum, honeysuckle, black wattle	Black peppermint, white gum, honeysuckle, prickly box, black wattle, native cherry, bracken fern	Swamp gum, white gum, black wattle, native cherry, prickly box, saggs
SOIL	Gritty, mottled brownish yellow (10 YR 6/8), grey (10 YR 6/1) duplex soil	Gritty, mottled yellowish brown (10 YR 5/8) grey (10 YR 5/1) duplex soil	Mottled very dark grey (10 YR 3/1) strong brown (7.5 YR 5/8) gradational soil
Surface Texture	Sandy loam		Sandy clay loam
Permeability	Moderate		Low
Average Depth m	0.4	1.0	1.7
PRESENT LAND USE	Nature conservation, grazing		
HAZARDS	Moderate sheet, gully and wind erosion		Low gully erosion