

553141

AVENUE RIVER

An area of rugged hills formed on sandstone and mudstone deposits occurs in the south-east of the Region near Mathinna. These deposits, commonly referred to as the Mathinna Beds, are traversed by the Avenue River.

Sandy mottled or whole coloured gradational soils have developed on these deposits.

The tall open-forest on the two upper components is predominantly Tasmanian ironbark, white gum and black peppermint, while stringybark, white gum and black peppermint dominate the open-forest vegetation on the mid and lower slopes.

Principal land uses are nature conservation and forestry (hardwood and softwood). Large areas have been planted to radiata pines, especially to the east of Mathinna.

The sandy soils are prone to sheet and rill erosion.

LAND SYSTEM

553141

Avenue River



COMPONENT	1	2	3	4
PROPORTION %	20	35	35	10
CLIMATE	Average Annual Rainfall 1 000-1 250 mm			
GEOLOGY	Lower Devonian— Tremadocian— Cambrian (Mathinna Beds) sandstone— mudstone sequence			
TOPOGRAPHY	Rugged hills			
Land form	Rugged hills			
Position	Sharp ridge tops & upper slopes	Gentle upper slopes	Mid slopes	Lower slopes
Average Sideslope °	18	9	10	4
NATIVE VEGETATION	Tall open-forest		Open-forest	
Structure	Tall open-forest		Open-forest	
Association	Tasmanian ironbark, bull-oak, native hop, honeysuckle, native cherry, <i>Hakea sericea</i> , sunshine wattle, bracken fern	White gum, black peppermint, tasmanian ironbark, stringybark, native hop, heath, guitar plant, bracken fern	Stringybark, white gum, black peppermint, guitar plant, prickly box	Black peppermint, white gum, bull-oak, heath
SOIL	Stony, yellowish red (5 YR 5/8) duplex soil	Strong brown (7.5 YR 5/8) duplex soil	Mottled yellowish brown (10 YR 5/8) grey (10 YR 6/1) gradational soil	Gravelly, strong brown (7.5 YR 5/6) duplex soil
Surface Texture	Sandy loam		Sandy clay loam	Loamy sand
Permeability			Moderate	
Average Depth m	0.5	0.9	1.1	0.7
PRESENT LAND USE	Nature conservation, forestry			
HAZARDS	High sheet erosion	Moderate sheet and rill erosion		