

# 484123

## RIVERSIDE NORTH

Centered around Launceston are the undulating plains of the Riverside North Land System. The Tertiary clays and gravels on which these plains have formed, derived from the surrounding dolerite and sandstone deposits. These undulating plains are sometimes broken by the dolerite hills of the Tippogoree Land System (472141). The main occurrence of this system stretches from Dilston to Corra Linn and includes parts of the northern and eastern suburbs of Launceston (i.e. Alan vale, Rocherlea, Mowbray, Invermay, Ravenswood, Waverley and St Leonards). Other occurrences are found near Bradys Lookout, Rosevears, Legana and Riverside North.

Deep gradational or duplex soils have developed on all components. Ironstone gravel is evident in the soils on the upper and mid plains, while dolerite stones are found in the soils on the mid and lower plains.

White gum and black peppermint dominate the open-forest vegetation on the three upper components. A low woodland of paperbark is the only vegetation on the poorly drained soils of the lower component.

Major land uses include grazing, nature conservation, forestry and urban development. Considerable areas around Launceston are used for housing and industrial purposes.

Sheet and rill erosion are the major hazards. Landslips pose a problem on the upper component.

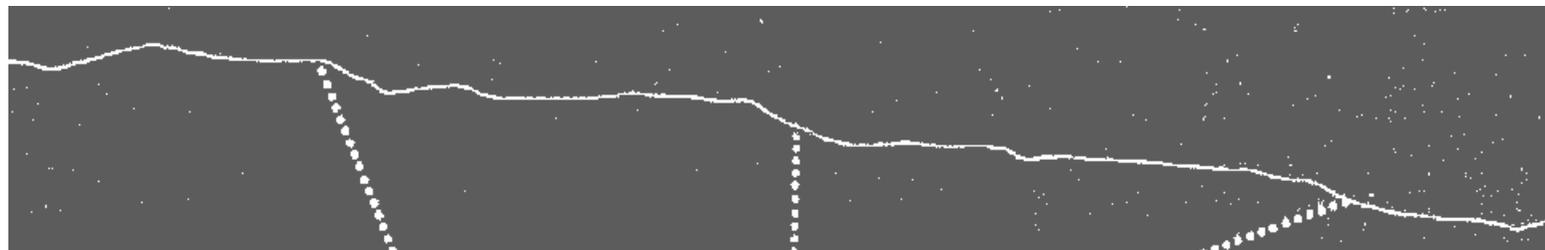


Upper plain of the Riverside North Land System with the Tippogoree Land System in the background.

**LAND SYSTEM**

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Riverside North



COMPONENT	1	2	3	4
PROPORTION %	20	30	35	15
CLIMATE	Average Annual Rainfall 750-1 000 mm			
GEOLOGY	Alluvium from sandstone and dolerite	Tertiary clays and gravels Alluvium from dolerite		
TOPOGRAPHY				
Land form	Undulating plains			
Position	Residual surface	Upper plain	Mid plain	Lower plain and swale
Average Sideslope °	5	2	3	2
NATIVE VEGETATION				
Structure	Open-forest			Low woodland
Association	White gum, black peppermint	White gum, black peppermint, bracken fern	White gum, black peppermint, silver wattle	Paperbark
SOIL	Reddish brown (5 YR 4/4) gradational soil, coarse structure	Mottled light olive brown (2.5 Y 5/4) red (2.5 YR 4/8) duplex soil, with ironstone	Stony yellowish brown (10 YR 5/8) gradational soil, with ironstone	Stony, dark brown (7.5 YR 4/4) gradational soil
Surface Texture	Sandy clay loam	Gravelly sandy loam	Gravelly clay loam	
Permeability		Moderate	Low	
Average Depth m		>2.0		
PRESENT LAND USE	Grazing, nature conservation, forestry			
HAZARDS	Moderate sheet and rill erosion, landslips	Low rill and wind erosion	Low sheet and rill erosion	Low streambank erosion and waterlogging