

484122

DEVIOT

Gently undulating plains formed on Tertiary clays, gravels and sands occupy a considerable area of the Tamar Valley. Areas occur near Deviot, Beauty Point, Beaconsfield, Kayena, Paper Beach, Millwood, Mt Direction and Windermere. The system differs from both the Badger Head Road (484121) and Riverside North (484123) Land Systems in gravel content. The gravel content of the Badger Head Road system is greater than that of this system, which in turn is greater than that of the Riverside North System.

The duplex soil on the upper slopes has been strongly influenced by the basalt of the adjoining Batman Land System (482134). Ferruginous gravel, and red and grey mottlings are often present in the duplex soil on the dissected mid slopes. This duplex

soil has a blocky B horizon. Yellow mottlings are evident at depth in the clay soil on the lower marine bench.

White gum and black peppermint are the dominant species in the open-forest on the upper slopes and dissected mid slopes. Swamp gum and paperbark dominate the open-woodland on the marine benches.

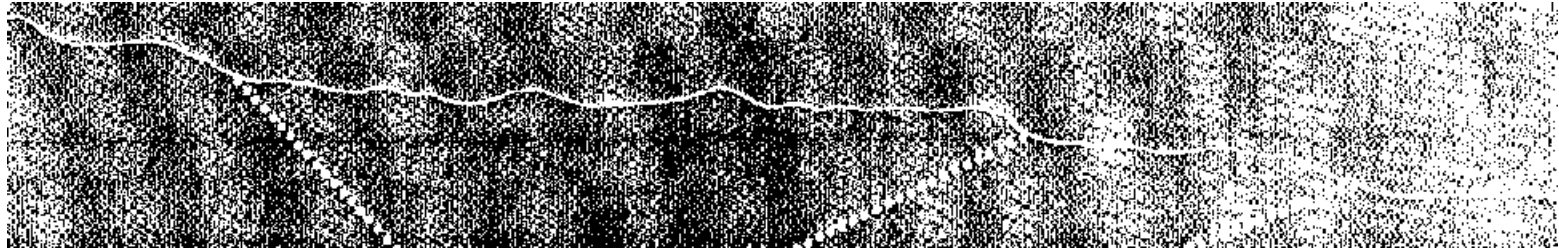
The major land uses include grazing, cropping and orcharding. Small areas remain undeveloped. Some areas are being developed for housing and industrial purposes, especially in the Bell Bay area. Occasional gravel pits are found scattered throughout the system.

The major hazards are landslips and sheet erosion. Parts of this system are included in areas classified by the Tasmanian Department of Mines as unstable. Many landslips have occurred in areas bordering the Tamar River.

LAND SYSTEM

484122

Deviot



COMPONENT	1	2	3	4
PROPORTION %	15	50	20	15
CLIMATE	Average Annual Rainfall 750-1 000 mm			
GEOLOGY	Tertiary clays, gravels and sands			
TOPOGRAPHY				
Land form	Gently undulating plains			
Position	Upper slopes	Dissected mid slopes	Upper marine bench	Lower marine bench
Average Sideslope °	5	3	1	1
NATIVE VEGETATION				
Structure	Open-forest		Open-woodland	
Association	White gum, black peppermint, silver wattle	Black peppermint, white gum, <i>Lomandra longifolia</i> , bracken fern	Swamp gum, paperbark	Paperbark
SOIL	Brown (7.5 YR 4/4) duplex soil	Light olive brown (2.5 YR 5/4) duplex soil, blocky B horizon	Mottled grey (10 YR 5/1) strong brown (7.5 YR 5/8) duplex soil	Very dark grey (10 YR 3/1) clay soil, uniform texture, yellowish brown (10 YR 5/8) mottling at depth
Surface Texture		Sandy loam		Light clay
Permeability		Moderate		Low
Average Depth m	1.1	1.4	1.9	>2.0
PRESENT LAND USE	Grazing, cropping, nature conservation, land development			
HAZARDS	Moderate sheet erosion, landslips		Low sheet erosion, landslips	Waterlogging