

484121

BADGER HEAD ROAD

An area of gently undulating plains formed on Tertiary gravels, sands and clays, occurs in the north-west of the Region. The dissected broad ridges are composed of partially consolidated conglomerate (quartz or quartzite). The major occurrence of this system is in the York Town — Greens Beach area, with smaller occurrences near Bell Bay and Bakers Beach. It is very similar to the Deviot Land System (484122), but contains much more gravel than the latter.

Highly leached sub-angular siliceous gravels, and water-worn gravel and grit are found on the surfaces of the sand and duplex soils of the dissected ridges

and upper plain. The mottled duplex soils on the marine benches are comparatively deep. Some of the soils have been described by Nicolls (1957).

The open-forest of black peppermint and stringybark on the upper components has an understorey of manuka, sunshine wattle, oaks and honeysuckle. The open-woodland on the lower marine bench is predominantly swamp gum and paperbark.

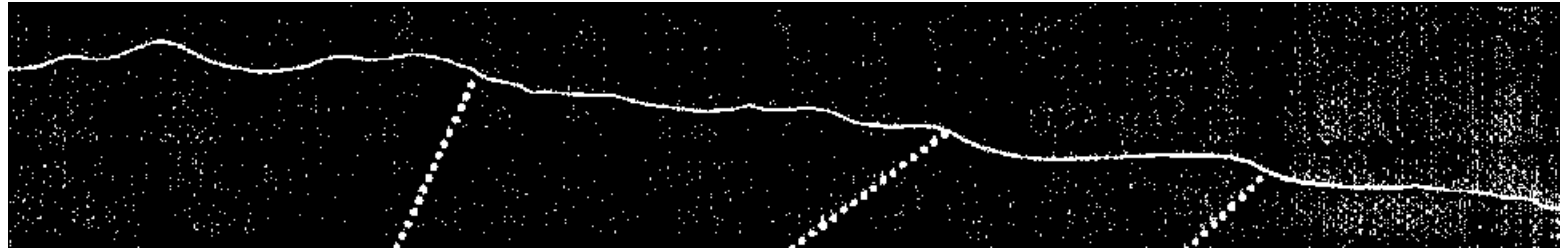
Present land uses include grazing, nature conservation and quarrying for gravel. Considerable areas have been cleared or partially cleared for grazing. The gravel pits are restricted to areas of partially consolidated conglomerate, the gravels being used extensively for road construction and maintenance.

The sandy soils are prone to moderate to low gully, rill and sheet erosion.

LAND SYSTEM

484121

Badger Head Road



COMPONENT	1	2	3	4
PROPORTION %	30	30	20	20
CLIMATE	Average Annual Rainfall 750-1 000 mm			
GEOLOGY	Tertiary gravels, sands and clays			
TOPOGRAPHY				
Land form	Gently undulating plains			
Position	Dissected broad ridges	Upper plain	Upper marine bench	Lower marine bench
Average Sideslope °	3	2	1	2
NATIVE VEGETATION				
Structure	Open-forest			Open-woodland
Association	Black peppermint, manuka, sunshine wattle, she-oak, bull-oak, <i>Acacia stricta</i> , honeysuckle, yacca, bracken fern	Black peppermint, bull-oak, manuka, sunshine wattle, honeysuckle, heath, yacca	Stringybark, black peppermint, bull-oak, silver wattle, manuka, sunshine wattle, coast wattle, heath, bracken fern, honeysuckle	Swamp gum, paperbark
SOIL	Gravelly light grey (10 YR 7/1) sand soil, uniform texture	Gravelly strong brown (7.5 YR 5/8) duplex soil	Gravelly mottled strong brown (7.5 YR 5/8) grey (10 YR 6/1) duplex soil	Mottled yellowish brown (10 YR 5/8) grey (10 YR 5/1) duplex soil
Surface Texture	Gravelly, sandy loam		Sandy loam	Loamy sand
Permeability	Moderate			
Average Depth m	1.2	1.3	1.9	>2.0
PRESENT LAND USE	Grazing, nature conservation, gravel pits			
HAZARDS	Moderate gully, rill and sheet erosion		Low gully and rill erosion	