

484125

BRIDPORT ROAD

Stretching eastwards from the Brid River to the Great Forester River and southwards from the coast to North Scottsdale is an area of undulating plains formed on Tertiary gravels and clays. A characteristic of this system which distinguishes it from the Gladstone Land System (484126) is the white gravel component which occupies fifty per cent of the system.

Soils are deep. Component 3 is easily distinguished by the white, sub-angular stones and gravel scattered

on the surface. A cemented gravel layer occurs at about 1-2 m depth in this soil. Mottled duplex soils have developed on the upper and mid slopes, while a clay soil has developed on the lower slopes and swales.

Black peppermint, white gum and stringybark are the major species in the open-forest and woodland vegetation.

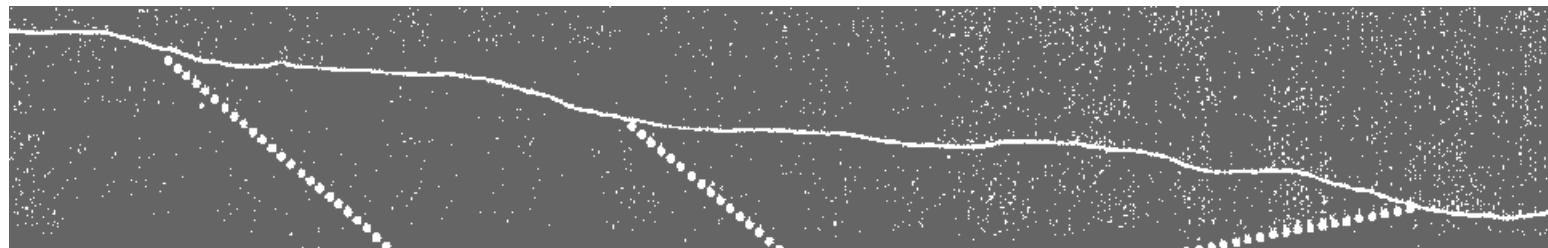
Present land uses include grazing, quarrying and recreation, but large areas remain undeveloped. Gravel pits are scattered throughout component 3.

The major hazards are sheet, gully and rill erosion. Lack of effort to restore the many abandoned gravel pits has resulted in massive erosion.

LAND SYSTEM

484125

Bridport Road



COMPONENT	1	2	3	4
PROPORTION %	10	30	50	10
CLIMATE	Average Annual Rainfall 750-1 000 mm			
GEOLOGY	Tertiary clays and gravels			
TOPOGRAPHY	Undulating plains			
Land form	Undulating plains			
Position	Upper slopes	Mid slopes	Mid slopes	Lower slopes and swales
Average Sideslope °	7	5	3	1
NATIVE VEGETATION	Open -forest		Woodland	
Structure	Open -forest		Woodland	
Association	Black peppermint, white gum, native cherry, manuka, heath, <i>Casuarina monilifera</i> , sunshine wattle, bracken fern		Black peppermint, stringybark, silver wattle, bull-oak, manuka, prickly mimosa, native cherry, honeysuckle, coast wattle	
SOIL	Mottled yellowish brown (10 YR 5/8) grey (10 YR 6/1) duplex soil, with organic, iron B horizon	Mottled grey (10 YR 6/1) strong brown (7.5 YR 5/8) red (2.5 YR 4/8) duplex soil, coarse structure	White (5 YR 8/1) gravel soil, uniform texture	Yellowish red (5 YR 5/8) clay soil, uniform texture
Surface Texture	Gravelly sandy loam	Sandy loam	Gravelly loamy sand	Light clay
Permeability	Moderate			
Average Depth m	>2.0			
PRESENT LAND USE	Grazing, nature conservation, gravel pits, recreation			
HAZARDS	Moderate sheet, gully and rill erosion			