

493128

CAMERON INLET

Composed of established dunes and intervening lagoons formed on Quaternary sands, this system is found on the eastern side of Flinders Island. It adjoins Foo Choo Inlet Land System (495164) to the east, and Nelson Lagoon Land System (493127) to the west.

The soils vary from sand soils on the dunes and in the swales to mottled duplex soils on the plains.

Small occurrences of strong brown (7.5 YR 5/8) duplex soils with cemented gravel layers are also found on the plains. Soils in this system resemble those described by Dimmock (1957) in the Nala and Wingaroo Soil Associations.

The vegetation is dominated by Smithton peppermint, *Leptospermum* spp., and paperbark. Heath species are also common on the stabilised dunes.

Grazing is the main land use, although large areas remain undeveloped.

The sandy soils are prone to wind and sheet erosion.

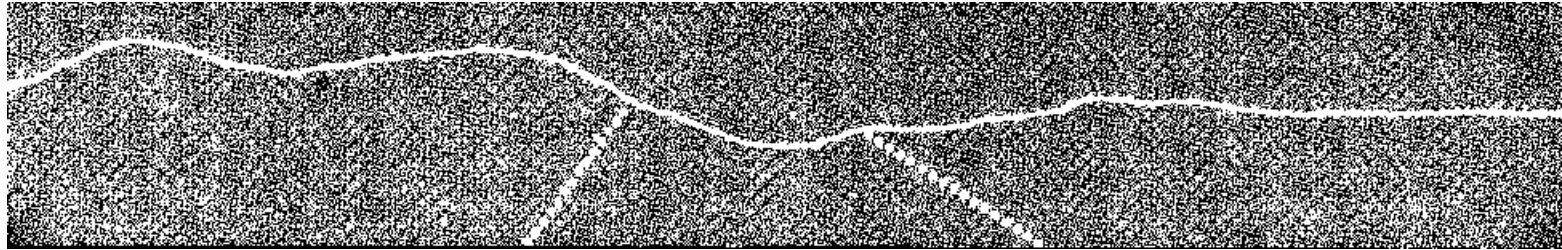


Across the plains to the Darling-Tanner Land System

LAND SYSTEM,

493128

Cameron Inlet



COMPONENT	1	2	3
PROPORTION %	40	15	45
CLIMATE	Average Annual Rainfall 750-1 000 mm		
GEOLOGY	Quaternary sands		
TOPOGRAPHY Land form Position Average Sideslope °	Dunes 3	Stabilised dunes and intervening lagoons Swales (old lagoons) 2	Plains 1
NATIVE VEGETATION Structure Association	Open-woodland Smithton peppermint, honeysuckle, <i>Leptospermum glaucescens</i> , <i>Sprengelia</i> spp., <i>Epacris</i> spp., <i>Melaleuca gibbosa</i>	Smithton peppermint, <i>Acacia mucronata</i> , paperbark, coast wattle	Woodland Smithton peppermint, paperbark, manuka, yacca
SOIL Surface Texture	Greyish brown (10 YR 5/2) sand soil, uniform texture, with organic-iron layer Loamy sand	Grey (10 YR 6/1) sand soil, uniform texture Sandy loam	Mottled light brownish grey (10 YR 6/2) strong brown (7.5 YR 5/8) duplex soil, organic-iron layer Loamy sand
Permeability Average Depth m	High	>2.0	Moderate
PRESENT LAND USE	Native conservation, recreation Severe wind erosion	Grazing, nature conservation	Grazing
HAZARDS		Moderate wind and sheet erosion	Moderate sheet and wind erosion