

295161

BLACKMANS LOOKOUT

Recent calcareous sand deposits constitute coastal dunes and beaches along the north coast. The dunes are more extensive along the coastline with a westerly aspect. Along the Waterhouse Beach area, long tongues of these sandy deposits extend inland, with their long axes parallel to the prevailing westerly winds. This system is similar to other coastal systems in the region, the main difference being climatic conditions. Areas covered by this system have been previously described by Hubble (1946).

The sands are undifferentiated on the beach and fore-dunes, and only weakly differentiated on the

hind-dunes. An iron-organic layer restricts drainage on the flats.

The beaches are devoid of vegetation while marram grass has stabilised the fore-dunes. The closed-scrub on the hind-dunes consists of coast wattle, prickly mimosa, honeysuckle and marram grass. Swamp gum, paperbark, coast wattle and honeysuckle form an open-scrub on the flats behind the stabilised dunes.

The area is used mainly for recreational purposes.

Sea and wind erosion pose the main hazards. 'Blow-out' dunes are migrating inland and causing problems in certain areas. Effort has been made to stabilise these by the planting of marram grass.

LAND SYSTEM 295161 Blackmans Lookout				
COMPONENT	1	2	3	4
PROPORTION %	10	30	30	30
CLIMATE	Average Annual Rainfall 500-625 mm			
GEOLOGY	Quaternary—recent calcareous sands			
TOPOGRAPHY Land form Position Average Sideslope °	Coastal dunes and beaches Beach 1 Foredunes 2 Hind-dunes 2 Flats 1			
NATIVE VEGETATION Structure Association	No vegetation	Tussock grassland Marram grass	Closed-scrub Coast wattle, prickly mimosa, honeysuckle, marram grass, bracken fern	Open-scrub Swamp gum, paperbark, coast wattle, honeysuckle, bracken fern
SOIL Surface Texture Permeability Average Depth m	Undifferentiated yellow (2.5 Y 8/6) calcareous sand soil, uniform texture Sand High >2.0		Weakly differentiated yellow (2.5 Y 7/6) sand soil, uniform texture	Brownish yellow (10 YR 6/6) sand soil, uniform texture, with iron-organic layer Loamy sand Moderate
PRESENT LAND USE	Nature conservation, recreation			
HAZARDS	Sea and wind erosion	High wind erosion		Moderate wind and rill erosion