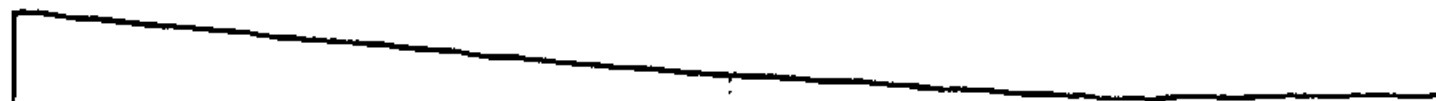


LAND SYSTEM
The Douglas

378131

Area [ha]:
298



COMPONENT	A	B
PROPORTION (%)	50	50
RAINFALL (mm)	Approximate Annual Rainfall: 625-750	
GEOLOGY	Triassic Sandstone, Mudstone, Siltstone	
TOPOGRAPHY	Low Hills and Associated Slopes/Flats	
Position	Exposed Upper Slopes	Lower Slopes/Flats
Typical Slope()	10	0-5
NATIVE VEGETATION		
Structure	Open Forest / Woodland	Woodland / Open Forest
Floristic Association (See Appendix 1 for common names)	Eucalyptus sieberi	Eucalyptus amygdalina
	Astroloma humifusum	Eucalyptus globulus
	Gahnia sp.	Eucalyptus ovata
	Casuarina littoralis	Casuarina littoralis
	Danthonia sp.	Lomandra longifolia
	Goodenia lanata	Themeda australis
	Pteridium esculentum	Gahnia graminifolium
SOIL		
Surface(A)Texture	Fine Sandy Loam (Hardsetting)	Clay Loam
B Horizon (subsoil) Colour (moist) Texture and primary profile form	Stony heavy clay - grey	Deep mottled - light grey/
	(10 YR 5/1) with yellowish	grey (10 YR 6/1) to yellowish
	brown (10 YR 5/6) mottle.	brown 10 YR 5/4).
	Duplex.	Gradational.
Permeability	Moderate	Low/Moderate
Typical depth(m)	0.60	1.00
LAND USE	Grazing, Gravel Quarrying	
HAZARDS	Moderate Sheet, Rill, Gully Erosion	

378131

THE DOUGLAS

This small land system is located north of Bicheno near the Douglas River and consists of hills and associated flats formed from sediments of the Upper Parmeener Supergroup.

Exposed upper slopes contain a shallow (0.60 m), stony, duplex soil consisting of a hardsetting, fine sandy loam surface over a grey, heavy clay with a yellowish brown mottle. This supports an open forest to woodland dominated by *Eucalyptus sieberi*. over a relatively bare, stony understorey that includes *Astroloma humifusum*, *Gahnia sp.*, *Casuarina littoralis*, *Danthonia sp.*, *Goodenia lanata* and *Pteridium esculentum*.

Lower slopes and flats have a deep (1.00 m), gradational soil consisting of a clay loam surface over a light grey to grey to yellowish brown, heavy clay. This supports a woodland/open forest dominated by *Eucalyptus amygdalina*, *Eucalyptus globulus* and *Eucalyptus ovata* with an understorey of *Casuarina littoralis*, *Lomandra longifolia*, *Themeda australis* and *Gahnia graminifolium*.

The land system is used for rough grazing and gravel quarrying. It is particularly susceptible to sheet, rill and gully erosion.



Exposed upper slopes of The Douglas (378132) Land System dominated by Eucalyptus sieberi.