

682323

### Tarraleah

This land system is similar in many respects to the Kenneth Creek and Nive Plain Land Systems. It is situated on the southern boundary of the study area where it separates the Nive and Derwent Rivers. It is a broad ridge which is dissected by a number of creeks that are tributaries to the above rivers.

The fertile, deep loamy soils on all components support *Eucalyptus delegatensis* tall open forest or *Nothofagus cunninghamii*, *Atherosperma moschatum* and *Phyllocladus aspleniifolius* closed forest. The closed forests are typical of the wetter watercourse or valley components which have escaped fire. *E. delegatensis* dominated forests on slightly drier situations often supports a scrub understorey of *Acacia dealbata*, *Pomaderris apetala*, *Bedfordia salicina* and *Nothofagus cunninghamii*. *Dicksonia antarctica* often occurs in the understorey of the closed forest. Generally the soils are stony, gravelly, reddish brown and highly permeable.

At present the land is being utilised for forestry and large areas have been clearfelled and revegetated with plantations of exotic *Pinus radiata*.



Pine plantations for the paper industry were established after clearfelling- of native forest.

LAND SYSTEM

Tarraleah

682323

Area (ha):  
2954



COMPONENT	1	2	3	4
PROPORTION(%)	40	10	25	25
RAINFALL(mm)	Approximate Annual Rainfall: 1250-1500			
GEOLOGY	Tertiary basalt			
TOPOGRAPHY	Undulating low hills and associated valleys and flats			
Position	Flats	Watercourses	Slopes	Broad Crests
Typical Slope( )	0-3	3-5	1-3	1-3
NATIVE VEGETATION				
Structure	Tall Open Forest	Closed Forest (Rainforest)	Tall Open Forest	Tall Open Forest
Floristic Association (See Appendix 1 for common names)	Eucalyptus delegatensis Acacia dealbata Nothofagus cunninghamii Bedfordia salicina Pimelea pauciflora Coprosma hirtella Bauera	Nothofagus cunninghamii Atherosperma moschatum Phyllocladus aspleniifolius Dicksonia antarctica	Eucalyptus delegatensis Acacia dealbata Pomaderris apetala Helichrysum sp. senecio sp. Dicksonia antarctica	Eucalyptus delegatensis Acacia dealbata Pomaderris apetala Helichrysum sp.
SOIL Surface(A)Texture	Loam	Loam	Clay Loam	Clay Loam
B Horizon(subsoil) Colour (wet) Texture and primary profile form	Stony, dark reddish brown (5 YR 3/4) to strong brown (7. 5 YR 4/6) clay loam to sandy clay loam. Gradational.	Stony, dark brown (7. 5 YR 3/5) clay loam Gradational.	Stony, gravelly, dark brown (7. 5 YR 3/2) sandy clay. Gradational.	Stony, strong brown (7. 5 YR 3/2) sandy clay. Gradational.
Permeability	High	High	Moderate	Moderate
Typical depth(m)	>0. 60	>0. 50	>0. 70	>1. 00
Depth(A)Horizon(m)	0. 20	0. 15	0. 40	0. 30
LAND USE	Forestry			
HAZARDS	High to moderate sheet erosion			