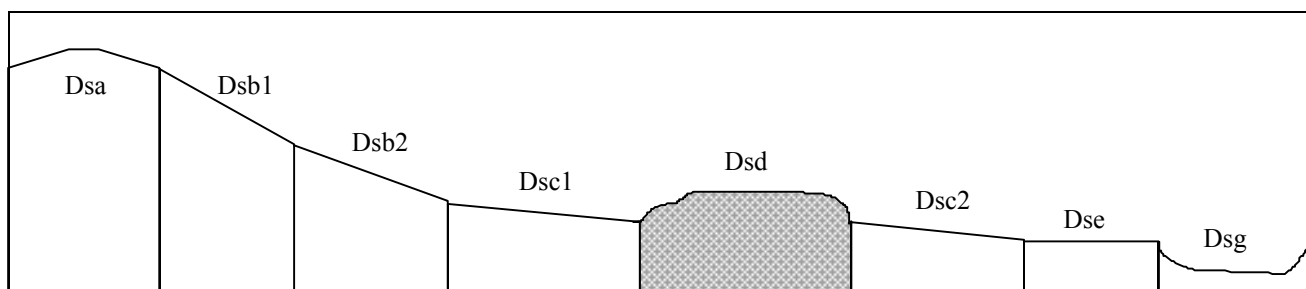


Land Unit: Devonian sediments, gentle broad crest	Land Unit symbol: Dsd
	% of study area: 0.5



General Description:

These broad crest and ridge positions occur throughout the study area. They have been identified, although the combined area is small, because the risk of land deterioration and the number of major limitations for land use, is low. Buildings and roads can be constructed on this land unit without major problems occurring. However, the introduction of improved pastures will require regular topdressings of lime to counteract the acidification process if pasture vigour is to be maintained.

Site characteristics:

Site No. -

Parent material		Depth to seasonal watertable:	> 5 m
Age:	Devonian	Potential recharge to groundwater:	Moderate
Lithology:	Sandstones and mudstones	Flooding risk:	Nil
Landform		Drainage:	Moderately well drained
Pattern:	Undulating uses	Depth to hardrock:	1.0 m
Element:	Crest	Rock outcrop:	0%
Slope		Annual rainfall:	940 mm
Common:	2%		
Range:	1 - 3%		
Native vegetation:	Cleared		
Present land use:	Cleared; native and improved pastures for the grazing of sheep and cattle		

Land degradation:

Degradation process	Water erosion		Wind erosion	Salting	Acidification
	Sheet/rill	Gully			
Susceptibility	Low	Moderate	Low	Low	High
Incidence	Nil	Nil	Nil	Nil	Moderate

Soil profile characteristics:

Permeability	(measured - average, range):	-
	(estimated):	Rapid : 500 - 1000 mm/day
Available water capacity:		140 mm H ₂ O (est.)
Linear Shrinkage (B horizon):		10% (est.)

Soil profile description:**Land Unit symbol:** Dsd**Soil classification:**

Factual Key (Northcote, 1979):

Australian Soil Classification (Isbell, 1992):

Unified Soil Group:

Interpretation of soil analyses: (see Appendix 2 for analytical results)

Horizon	pH	Gravel %	E.C. (salts)	Nutrient status	P	K	Al	Organic matter	Dispersibility
				No soil analyses done					

VL: Very Low

L: Low

M: Moderate

H: High

VH: Very High

D: Deficient

S: Satisfactory

T: Toxic

NA: Not Available

** Acidic

Land capability ratings and limitations for specific land uses:

Land use	Rating	Major limiting factor(s)
Agriculture	C ₃ T ₂ S ₄	Shallow soil depth, high susceptibility to wind erosion
Building foundations - slab - stumps/footings	3 3	Nil
Effluent disposal (septic tanks)	3	Nil
Farm dams	4	Shallow soils, high permeability
Residential - rural	4	A low capability for farm dams
- urban	3	Nil
Scenic value	3 & 4	Low Scenic Quality
Secondary roads	3	Nil