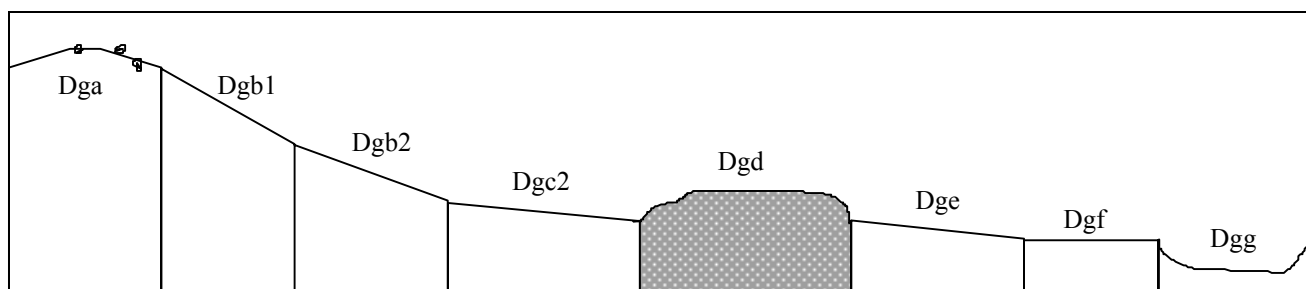


<b>Land Unit:</b> Devonian granodiorite, gentle crest	<b>Land Unit symbol:</b> Dgd
	<b>% of study area:</b> <0.1



### General Description:

This unit occurs as a small, gentle ridge running parallel to the Buxton-Taggerty road, to the north-east of Buxton. Areas of outcropping bedrock prevent cultivation, however most of the land unit has been cleared and replaced with pasture species suitable for sheep and cattle.

### Site characteristics:

Site No. -

Parent material		Depth to seasonal watertable:	> 2 m
Age:	Devonian	Potential recharge to groundwater:	Low
Lithology:	Granodiorite	Flooding risk:	Nil
Landform		Drainage:	Moderately well drained
Pattern:	Undulating rises	Depth to hardrock:	Variable, 0 - 2.0 m
Element:	Crest	Rock outcrop:	15%
Slope		Annual rainfall:	1090 mm
Common:	2%		
Range:	1 - 5%		
Native vegetation:	Narrow-leaf Peppermint, Manna Gum, Candlebark Gum, Messmate		
Present land use:	Grazing - sheep and cattle, minor areas of native vegetation have been retained on private land		

### Land degradation:

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

### Soil profile characteristics:

Permeability	(measured - average, range):	-
	(estimated):	Moderate
Available water capacity:	250 mm H <sub>2</sub> O (est.)	
Linear Shrinkage (B horizon):	Moderate (est.)	

**Soil profile description:****Land Unit symbol:** Dgd**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 <sub>3</sub> T <sub>2</sub> S <sub>4</sub>	High susceptibility to wind erosion
Building foundations - slab	3	Nil (NB: Soil depth is variable - careful selection of a building site is advisable)
- stumps/footings	3	
Effluent disposal (septic tanks)	3	Nil
Farm dams	4	Shallow soils
Residential - rural	4	Low capability for farm dams
- urban	3	Nil
Scenic value	4	Low Scenic Quality
Secondary roads	3	Nil