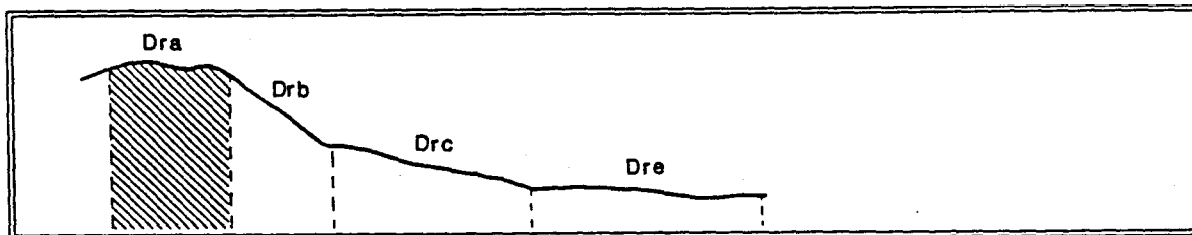


<b>Map Unit:</b>	DEVONIAN RHYODACITE, STEEP SLOPES	<b>Map Unit Symbol:</b> Dra
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**General Description:**

This map unit is characterised by long ridgelines and broad crests strewn with large boulders. The soils are predominantly shallow stony loams, however red gradational profiles do occur in deeper pockets. The high rainfall and mild climate promote plant growth which stabilizes the shallow soils. Erosion does occur after bushfires.

**Site characteristics: Site No. 34**

<b>Parent material Age: Lithology:</b>	Devonian Rhyodacite	<b>Depth seasonal watertable:</b>	>5 m
<b>Landform Pattern: Element:</b>	Rolling mountains Crest/ridge	<b>Potential recharge to groundwater:</b>	High
<b>Slope common: range:</b>	4% 1-6%	<b>Flooding risk:</b>	Nil
<b>Rock outcrop:</b>	15%	<b>Drainage:</b>	Well drained
		<b>Depth to hardrock:</b>	0.3 m
		<b>Proportion of Shire:</b>	0.7%

**Native vegetation:** Messmate, Narrow-leaf peppermint, Alpine Ash  
**Present land use:** Forestry, recreation

<b>Land degradation:</b>	<b>Water erosion</b>		<b>Wind</b>	<b>Salting</b>	<b>Acidification</b>
	<b>Sheet/rill</b>	<b>Gully</b>			
Susceptibility	Moderate	Very low	Moderate	Very low	Low
Incidence	Low	Nil	Nil	Nil	Low

**Soil profile characteristics:**

Permeability (measured - average, range): (estimated):	- Rapid
Available water capacity:	40 mm H <sub>2</sub> O
Linear Shrinkage (B horizon):	Very low (estimate)

**Soil profile description:**

A 0-25 cm Dark brown (7.5YR 3/2) loam, weak subangular blocky structure, 4 mm, rough fabric, very weak consistence, common gravel of parent material, pH 6.0. Abrupt transition to

R 25 + cm Parent material, rock

**Soil classification:**

Factual Key (Northcote): Um6.21  
 Australian Soil Classification: Paralithic, Leptic, Rudosol, shallow, medium loamy, gravelly  
 Unified Soil Group: NA

**Interpretation of soil analyses\***

Horizon	pH	Gravel	E.C.	Nutrient status	P	K	Al	Org. matter	Dispersibility
A	6.0	15	NA	NA	NA	NA	S	M	L

VL : Very Low      L : Low      M : Moderate      H: High      VH : Very High  
 D: Deficient      S: Satisfactory      T: Toxic      \*\* Acid      NA : Not available

**Land capability assessment**

Land use	Class	Major limiting feature (s)
Agriculture (CTS values)	C <sub>3</sub> T <sub>3</sub> S <sub>5</sub>	. Very shallow soils, very low available water capacity (high proportion of rock outcrop = Class 4)
Effluent disposal (septic tanks)	5	Shallow depth to bed-rock
Farm dams (earthen)	5	Shallow depth to bed-rock and depth of clay layer, excessive permeability
Building foundations * slab * stumps/footings	5 5	Shallow depth to hard rock Shallow depth to hard rock