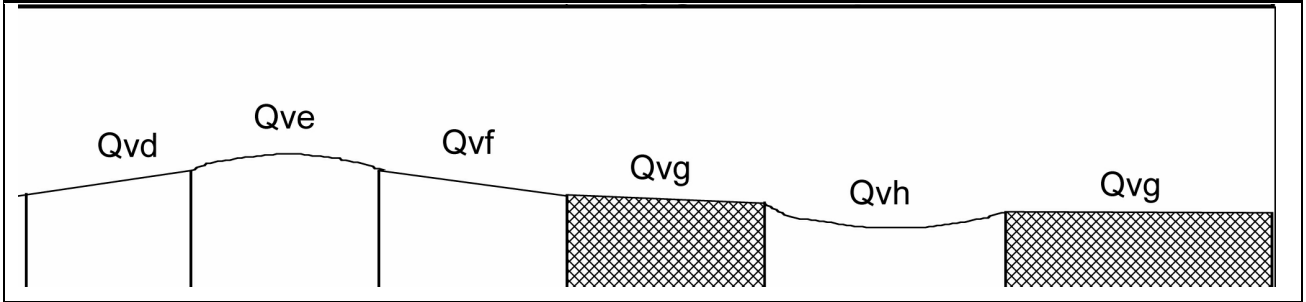


**MAP UNIT SYMBOL: Qvg**

Area: 44 535 ha

**MAP UNIT: Quaternary volcanic,  
very gentle slope**



**A. GENERAL DESCRIPTION**

The soils on the very gentle slopes are commonly red uniform clays. They are occasionally duplex when they have a clay loam topsoil. The soils are very well structured and freely drained. Depth to hardrock is variable, although it often occurs at depths greater than 1.0 m.

**SITE CHARACTERISTICS**

<b>Parent Material Age:</b>	Quaternary	<b>Depth to Seas. Watertable:</b>	>2.0 m
<b>Parent Material Lithology:</b>	Volcanic	<b>Flooding Risk:</b>	Nil
<b>Landform Pattern:</b>	Gently undulating rises	<b>Drainage:</b>	Well drained
<b>Landform Element:</b>	Hillslope	<b>Rock Outcrop:</b>	2-10%
<b>Slope a) common:</b>	2%	<b>Depth to Hard Rock:</b>	2.0 - 3.0 m
<b>Slope b) range:</b>	1-3%	<b>Present Land Use:</b>	Grazing, cropping
<b>Potential Recharge to Groundwater:</b>	Low		
<b>Major Native Vegetation Species:</b>	Yellow Box, Golden Wattle, Silver Wattle		

**LAND DEGRADATION**

Land Degradation	Water Erosion		Wind Erosion	Mass Movement	Salting	Acidification
	sheet/rill	gully				
<b>Susceptibility</b>	Low	Low	Very low	Very low	Low	Low
<b>Incidence</b>	Low	Low	Low	Nil	Low	Not available

**B. SOIL PROFILE**

**PROFILE DESCRIPTION**

- A1** 0-190 mm Dark reddish brown (5YR3/3) light clay, moderate subangular blocky structure, rough fabric, pH6.0. Diffuse transition to:
- B21** 190-390 mm Dark reddish brown (5YR3/3) light clay, strong subangular blocky structure, rough fabric, pH6.0. Diffuse transition to:
- B22** 390-550+ mm Dark reddish brown (5YR3/3) light medium clay, strong subangular blocky structure, rough fabric, pH6.0.

**CLASSIFICATION**

<b>Factual Key:</b>	Uf6.12
<b>Australian Soil Classification:</b>	Haplic, ?, Red Ferrosol, (confidence level 4); medium, non-gravelly, clayey/clayey, moderate
<b>Unified Soil Group:</b>	Not available

**INTERPRETATION OF LABORATORY ANALYSIS\***

Horizon	pH (H <sub>2</sub> O)	% Gravel	E.C. (salts)	Nutrient Status	P	K	Al	Organic matter	Dispersibility
A1	6.0	NA	NA	NA	NA	NA	NA	NA	NA
B21	6.0	NA	NA	NA	NA	NA	NA	NA	NA
B22	6.0	NA	NA	NA	NA	NA	NA	NA	NA

VL: Very Low L: Low M: Moderate H: High VH: Very High D: Deficient S: Satisfactory  
 T: Potentially Toxic NA: Not Available \* see appendix D for analytical results \*\* Strongly Acidic

**SOIL PROFILE CHARACTERISTICS:**

<b>Permeability</b> Low (estimate) <b>Available Water Capacity:</b> High (195 mm H <sub>2</sub> O) <b>Linear Shrinkage (B horizon):</b> Not available
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**C. LAND CAPABILITY ASSESSMENT**

Land Use	Class	Major Limiting Feature(s)/Land Use
Agriculture	C <sub>2</sub> T <sub>2</sub> S <sub>2</sub>	
Effluent Disposal (septic tanks)	3	Depth to hardrock, permeability
Farm Dams	3	Suitability of subsoil, depth to hardrock, depth to seasonal watertable
Building Foundations	2	