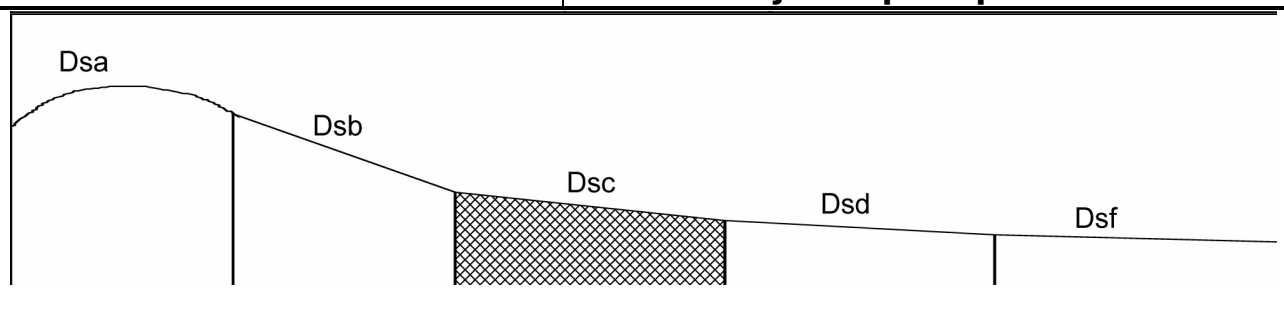


**MAP UNIT SYMBOL: Dsc**

Area: 5 263 ha

**MAP UNIT: Devonian sediments,  
moderately steep slope****A. GENERAL DESCRIPTION**

The moderately steep slopes of the Kerrie Conglomerate have a similar soil type to that of the crests and steep slopes although the soils are slightly deeper. Susceptibility to sheet, rill and wind erosion is moderate.

**SITE CHARACTERISTICS**

<b>Parent Material Age:</b>	Devonian	<b>Depth to Seas. Watertable:</b>	>5.0 m
<b>Parent Material Lithology:</b>	Sedimentary	<b>Flooding Risk:</b>	Nil
<b>Landform Pattern:</b>	Rolling hills	<b>Drainage:</b>	Well drained
<b>Landform Element:</b>	Hillslope	<b>Rock Outcrop:</b>	0-20%
<b>Slope a) common:</b>	26%	<b>Depth to Hard Rock:</b>	>1.0 m
<b>Slope b) range:</b>	21-32%	<b>Present Land Use:</b>	Grazing, forested
<b>Potential Recharge to Groundwater:</b> Moderate			
<b>Major Native Vegetation Species:</b> Silver Wattle, Manna Gum, Messmate, Bracken Fern			

**LAND DEGRADATION**

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

**B. SOIL PROFILE****PROFILE DESCRIPTION**

<b>A11</b>	0-80 mm	Dark brown (10YR3/3) coarse sandy loam, weak subangular blocky structure, rough fabric, pH 6.0. Gradual transition to:
<b>A12</b>	80-320 mm	Dark brown (10YR3/3) coarse sandy loam, weak subangular blocky structure, rough fabric, pH 6.0 Gradual transition to:
<b>B2</b>	320-700 mm+	Brown (10YR4/3) heavy coarse sandy loam, weak subangular blocky structure, rough fabric, pH 6.0.

**CLASSIFICATION**

<b>Factual Key:</b>	Uc6.11
<b>Australian Soil Classification:</b>	Haplic, ?, Brown Kandosol, (confidence level 4); thick, non-gravelly, loamy/loamy, 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
A11	6.0	NA	NA	NA	NA	NA	NA	NA	NA
A12	6.0	NA	NA	NA	NA	NA	NA	NA	NA
B2	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> Moderate (estimate) <b>Available Water Capacity:</b> Moderate (110 mm H <sub>2</sub> O) <b>Linear Shrinkage (B horizon):</b> Low (estimate)
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**C. LAND CAPABILITY ASSESSMENT**

Land Use	Class	Major Limiting Feature(s)/Land Use
Agriculture	C <sub>2</sub> T <sub>4</sub> S <sub>3</sub>	Slope
Effluent Disposal (septic tanks)	4	Slope
Farm Dams	5	Slope
Building Foundations slab	4	Slope
stumps/footings	3	Slope, susceptibility to slope failure, stone and boulder content (variable)