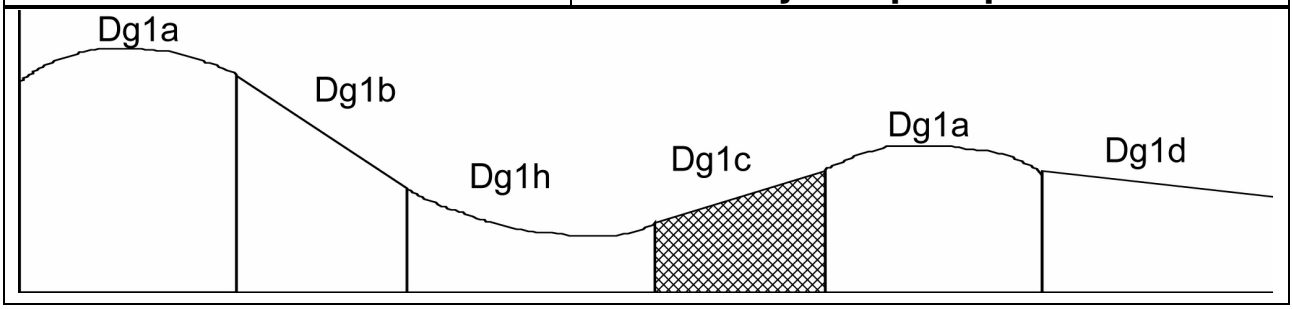
MAP UNIT SYMBOL: **Dg1c** Area: 2711 ha	MAP UNIT: **Devonian granitic, red, moderately steep slope**



A. GENERAL DESCRIPTION

The granodiorite soils of this unit, although variable, are generally a red gradational or red duplex soil with a whole coloured subsoil. The texture generally ranges from a coarse sandy loam, sandy clay loam topsoil to a coarse sandy clay grading to medium clay subsoil. Duplex profiles occur when there is an abrupt or clear transition from the sandy loam topsoil to a clay subsoil, and the transitional horizons are absent.

SITE CHARACTERISTICS

Parent Material Age:	Devonian	**Depth to Seas. Watertable:**	>5.0 m
Parent Material Lithology:	Granodiorite	**Flooding Risk:**	Nil
Landform Pattern:	Rolling hills	**Drainage:**	Well drained
Landform Element:	Hillslope	**Rock Outcrop:**	0-2%
Slope a) common:	23%	**Depth to Hard Rock:**	0.8-2.0 m
Slope b) range:	21-32%	**Present Land Use:**	Forested, grazing

Potential Recharge to Groundwater: Low

Major Native Vegetation Species: Broad-leaved Peppermint, Blackwood, Silver Wattle, Bracken Fern

LAND DEGRADATION

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

B. SOIL PROFILE

PROFILE DESCRIPTION

A1	0-180 mm	Very dark greyish brown (10YR3/2) coarse sandy loam, weak subangular blocky structure, rough fabric, pH 6.5. Clear transition to:
A3	180-400 mm	Dark brown (7.5YR3/4) coarse sandy loam, weak subangular blocky structure, rough fabric, pH 6.0. Gradual transition to:
B1	400-600 mm	Reddish brown (5YR4/4) sandy clay with coarse sand, strong subangular blocky structure, rough fabric, a few medium granitic gravel fragments, pH 6.0. Gradual transition to:
B2	600-800 mm+	Dark reddish brown (5YR3/4) medium clay with coarse sand, moderate subangular blocky structure, rough fabric, a few medium granitic gravel fragments, pH 6.0.

CLASSIFICATION

Factual Key:	Gn4.11, Dr2.11 (major)
Australian Soil Classification:	Haplic, ?, Red Dermosol (confidence level 4); medium, non-gravely, loamy/clayey, deep
Unified Soil Group:	CL

INTERPRETATION OF LABORATORY ANALYSIS*

Horizon	pH (H_2O)	% Gravel	E.C. (salts)	Nutrient Status	P	K	Al	Organic matter	Dispersibility
A1	6.5	<2	NA	NA	NA	NA	NA	NA	NA
A3	6.0	<2	NA	NA	NA	NA	NA	NA	NA
B1	6.0	2-10	NA	NA	NA	NA	NA	NA	NA
B2	6.0	2-10	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:

Permeability Low (estimate)
Available Water Capacity: Moderate (122 mm H_2O)
Linear Shrinkage (B horizon): Low (estimate)

C. LAND CAPABILITY ASSESSMENT

Land Use	Class	Major Limiting Feature(s)/Land Use
Agriculture	C_2 T_4 S_3	Slope
Effluent Disposal (septic tanks)	4	Steep slope
Farm Dams	5	Slope
Building Foundations		
slab	4	Slope
stumps/footings	3	Slope, susceptibility to slope failure