



**MAP UNIT** Quaternary basalt, hilly

**SYMBOL** Qbh

**GENERAL DESCRIPTION**

This map unit contains the sides and crests of volcanic cones in the northern and southern portions of the study area.

Soils are red gradational types with weakly developed textural duplex characteristics.\*

Map Unit is	6.5	% study area	Ref. Plate	2
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PARENT MATERIAL		
Quaternary basalt (in situ)		
Depth to rock	100	cm
Rock outcrop	0	%
Surface stones	0	%
Landslip risk	Low	
Shrink/swell potential	Moderate-high	
Northcote code & SCS Ext.	Gn 3.12* - 4/3/20	

LANDFORM		
Volcanic cones		
Slope-common	20	%
- range	15-30+	%
Flood risk	Nil	
Profile drainage	Well drained	
Seasonal watertable	Nil	
Unified soil group	A	
	B	CL

**EROSION HAZARD**

Moderate: despite the steep slopes, a well-drained profile reduces the erosion hazard.

<b>NATIVE VEGETATION</b>	Manna gum	<b>LAND USE</b>	Grazing
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**PROFILE DESCRIPTION**

0-20 cm Dark reddish brown (2.5YR 3/3) clay loam; strong medium crumb structure; friable when moist; 2% of soil volume as stones of parent material to 10 cm diameter; pH 6;

Clear transition to:

20-100 cm Dark brown (10YR 3/4) medium clay; moderate fine subangular blocky structure; friable when moist; 10% of soil volume as stones of parent material to 4 cm diameter; pH 6½;

Given way to decomposing parent material.

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Capability of the land to support various activities

Capability of the land to support subdivision

ACTIVITY	RATING	MAJOR LIMITING FEATURES OF THE LAND
Building foundations	Poor	Slope
Absorption fields	Poor	Slope; (pollution of groundwater?)
Secondary roads	Poor	Slope; batters slump
Gravel roads	Fair to poor	Slope; unified soil group; batters slump
Access tracks	Poor to very poor	Slope, unified soil group
Shallow excavations	Poor	Slope; depth to rock
Farm dams	Very poor	Slope; high percolation rate
Sewage lagoons	Very poor	Slope; high percolation rate
Intensive cultivation	Poor	Slope
Path & trails	Fair	Slope

SUBDIVISION TYPE	RATING	MAJOR LIMITING ACTIVITIES
Urban (sewered)	Poor	All relevant activities
Bush Blocks (4 ha)	Poor	All relevant activities
Small Farmlets (4 ha)	Very poor	Farm dams: access tracks
Large Farmlets (16 ha)	Very poor	Farm dams: access tracks
Effect of subdivision on the town water supply While residential development may lead to a higher pollution load in runoff water, any deleterious effects on town water supply are likely to relate to washing of surface material from gravel roads.		