



# Soil Profile Report

## SITE DETAILS

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Site Location:	BOMBAY-IN ALCOVE MADE BY KINK IN FENCE
Profile Details:	Soil Landscapes of the Braidwood 1:100 000 Sheet Survey (1000372), Profile 104, collected from a auger by Mr Brian Jenkins on 29 April, 1992
Map Reference:	MGA Grid Reference: Zone 55, 743813E, 6070884N. 8827 BRAIDWOOD (1:100000) map sheet.
Physiography:	drainage depression in rises on schist/phyllite lithology and used for volun./native pasture. Slope 5.0% (measured), local relief very low (9-30 m), elevation 680.0 m, aspect south west. Surface condition is soft, profile is imperfectly drained, erosion hazard is high, and no salting evident
Vegetation/Land Use:	cleared, no cultivation at the site, used for volun./native pasture, with volun./native pasture in the general area
Surface Condition:	soft when described, expected to be hard set when dry, ground cover is 100%
Erosion/Land Degradation:	high, erosion at site is none
Soil Hydrology:	profile is slowly permeable and imperfectly drained, no free water, run on is moderate and runoff is moderate
Soil Type:	Alluvial Soil (GSG), Dy3.21 (PPF)
Base of observation:	
Profile Field Notes:	

## SOIL DESCRIPTION

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### Layer 0

0.00 - 0.00 m

### Layer 1 Horizon: A1

0.00 - 0.16 m	Texture:	loam
	Colour:	dark yellowish brown (brown) (10YR 4/4) [moist] with no recorded mottles
	Structure:	massive (fabric is earthy)
	Coarse Fragments:	very few (< 2%), quartz, fine gravel (2-6 mm),
	Pans:	not evident
	Segregations:	not evident,
	Soil fauna:	Activity is nil
	Cracks/Macropores:	Cracks are nil, macropores are nil

Moisture/Consistence: moist, non plastic, slightly sticky, disruptive test result was very weak force, shearing test result was crumbly,  
Field chemical tests: Field pH is 5.5 (Raupach),  
Sample taken: none

## Layer 2

Horizon: A2  
0.16 - 0.30 m Texture: light clay  
Colour: brown (dull yellowish brown) (10YR 4/3) [moist] with no recorded mottles  
Structure: strong pedality (fabric is smooth-faced peds)  
Coarse Fragments: very few (< 2%), quartz, fine gravel (2-6 mm),  
Pans: not evident  
Segregations: not evident,  
Soil fauna: Activity is nil  
Cracks/Macropores: Cracks are nil, macropores are nil  
Moisture/Consistence: moist, very plastic, moderately sticky, disruptive test result was moderately weak force, shearing test result was plastic,  
Field chemical tests: Field pH is 5.5 (Raupach),  
Sample taken: none

## Layer 3

Horizon: B2  
0.30 - 0.50 m Texture: medium clay  
Colour: pale brown (dull yellow orange) (10YR 6/3) [moist] with no recorded mottles  
Structure: strong pedality (fabric is smooth-faced peds)  
Coarse Fragments: very few (< 2%), quartz, fine gravel (2-6 mm),  
Pans: not evident  
Segregations: not evident,  
Soil fauna: Activity is nil  
Cracks/Macropores: Cracks are nil, macropores are nil  
Moisture/Consistence: moist, very plastic, moderately sticky, disruptive test result was moderately weak force, shearing test result was plastic,  
Field chemical tests: Field pH is 5.5 (Raupach),  
Sample taken: none

## LABORATORY TESTS

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None available

For information on laboratory test data and units of measure, please see: [Soil survey standard test methods](#)

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