



FIGURE: Location of soil profile



Soil Profile Report

SITE DETAILS

Site Location:	COUNCIL LAND-FLAT
Profile Details:	GUNNEDAH-COUNCIL PROPERTY Survey (1000806), Profile 1, collected from a core sample by Ms Christine Wood on 17 January, 1996
Map Reference:	MGA Grid Reference: Zone 56, 234805E, 6571789N. 8936 BOGGABRI (1:100000) map sheet.
Physiography:	woodland grass understorey. local relief extremely low (< 9m). Surface condition is firm, profile is well drained, erosion hazard is slight, and no salting evident
Vegetation/Land Use:	no effective disturbance at the site, with volun./native pasture in the general area
Surface Condition:	firm when described, ground cover is 100%
Erosion/Land Degradation:	slight; no salting evident
Soil Hydrology:	profile is highly permeable and well drained, no free water and runoff is low
Soil Type:	
Base of observation:	
Profile Field Notes:	Site near highway. Only able to go past 70 cm due to hard substrate-weathered rock.

SOIL DESCRIPTION

Layer 0

0.00 - 0.00 m

Coarse Fragments: not evident,

Layer 1

Horizon: A1

0.00 - 0.10 m

Texture: sandy clay loam

Colour: yellowish brown (dull yellowish brown) (10YR 5/4) [dry] with no recorded mottles

Structure: moderate pedality (sub-angular blocky, < 2 mm,)

Coarse Fragments: not evident,

Segregations: manganiferous,

Roots: none (Root size <1 mm), many (25-100/10x10cm) (Root size 1-2 mm),

Soil fauna: Activity is nil

Cracks/Macropores: Cracks are nil, macropores are nil

	Moisture/Consistence:	dry, disruptive test result was very firm force,
	Field chemical tests:	Field pH is 6.0 (Raupach), AgNO3 test showed light precipitate, H2O2 showed no effervescence
Layer 2	Horizon: B2	
0.10 - 0.60 m	Texture:	light medium clay
	Colour:	red (reddish brown) (2.5YR 4/6) [dry] with no recorded mottles
	Structure:	moderate pedality (sub-angular blocky, < 2 mm,)
	Coarse Fragments:	not evident,
	Segregations:	manganiferous,
	Roots:	none (Root size <1 mm), common (10-25/10x10cm) (Root size 1-2 mm),
	Soil fauna:	Activity is nil
	Cracks/Macropores:	Cracks are nil, macropores are nil
	Moisture/Consistence:	dry, disruptive test result was moderately firm force,
	Field chemical tests:	Field pH is 6.0 (Raupach), AgNO3 test showed light precipitate, H2O2 showed no effervescence
Layer 3	Horizon: C	
0.60 - 0.75 m	Texture:	light clay
	Colour:	yellowish red (reddish brown) (5YR 4/6) [dry] with no recorded mottles
	Structure:	moderate pedality (sub-angular blocky, < 2 mm,)
	Coarse Fragments:	not evident,
	Segregations:	manganiferous,
	Roots:	none (Root size <1 mm), common (10-25/10x10cm) (Root size 1-2 mm),
	Soil fauna:	Activity is nil
	Cracks/Macropores:	Cracks are nil, macropores are nil
	Moisture/Consistence:	dry, disruptive test result was moderately firm force,
	Field chemical tests:	Field pH is 9.5 (Raupach), AgNO3 test showed light precipitate, H2O2 showed effervescence

LABORATORY TESTS

None available

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

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