

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN123 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	27/09/88	Elevation:	290 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6093800 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	540200 Datum: AGD66	Drainage:	Moderately well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Undulating hills 90-300m 3-	Pattern Type:	Low hills
Morph. Type:	Simple-slope	Relief:	100 metres
Elem. Type:	Footslope	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	120 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	UC6.11
		Great Soil Group:	Earthy sand

Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

Tall Strata - Sod grass, <0.25m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy loam; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments;
B21	0.1 - 0.6 m	Pale brown (10YR6/3-Moist); ; Loamy sand; 20-50%, medium gravelly, 6-20mm, subrounded, Sand, coarse fragments;
B22	0.6 - 0.8 m	Brown (7.5YR5/4-Moist); ; Loamy coarse sand; 20-50%, medium gravelly, 6-20mm, subrounded, Sand, coarse fragments;

Morphological Notes

Observation Notes

Grazing paddock, broadleaves>>clover and grasses. Very sandy profile on about 1km footslope (probably old alluvial fan) from granite hills. Earthy Sand.

Site Notes

Wagga Wagga

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils Site ID: AN123 Observation ID: 1
Agency Name: CSIRO Land and Water (ACT)

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		
						Cmol (+)/kg			%

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils Site ID: AN123 Observation ID: 1
Agency Name: CSIRO Land and Water (ACT)

Laboratory Analyses Completed for this profile