

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN124 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	27/09/88	Elevation:	260 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6090700 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	538300 Datum: AGD66	Drainage:	Imperfectly 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 rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Lower-slope	Relief:	10 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	90 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:	DR2.21
		Great Soil Group:	Red podzolic soil

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

A1	0 - 0.1 m	Brown (10YR4/3-Moist); ; Fine sandy loam; 0-2%, fine gravelly, 2-6mm, subrounded platy, Unconsolidated material (unidentified), coarse fragments;
A2	0.1 - 0.4 m	Brown (7.5YR5/4-Moist); Pinkish grey (7.5YR6/2-Dry); ; Sandy loam; 20-50%, coarse gravelly, 20-60mm, rounded platy, Quartz, coarse fragments; 20-50%, coarse gravelly, 20-60mm, rounded platy, Unconsolidated material (unidentified), coarse fragments;
B2	0.4 - 0.8 m	Red (2.5YR4/8-Moist); , 10YR64, 10-20% , 5-15mm, Distinct; Sandy clay (Heavy); 2-10%, fine gravelly, 2-6mm, subrounded, Sand, coarse fragments;

Morphological Notes

Observation Notes

Grazing paddock, capeweed>>grasses=clover. No CO3, pale A2, duplex red profile. Red Podzolic (sandier) ??

Site Notes

Wagga Wagga

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Laboratory Analyses Completed for this profile

13_NR_AL	Extractable Al(%) - Not recorded
13_NR_MN	Extractable Mn(%) - Not recorded
15_NR_AL	Exchangeable aluminium - method not recorded
15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct