

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN141 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	28/09/88	Elevation:	295 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6085500 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	519000 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:	No Data	Pattern Type:	Low hills
Morph. Type:	Upper-slope	Relief:	40 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	6 %	Aspect:	180 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:	N/A

Site Disturbance: Cultivation. Rainfed

Vegetation:

Tall Strata - Sod grass, 0.26-0.5m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: 20-50%, coarse gravelly, 20-60mm, subangular, Quartz

Profile Morphology

Ap	0 - 0.1 m	Dark reddish brown (5YR3/2-Moist); ; Loam; 20-50%, coarse gravelly, 20-60mm, angular platy, Quartz, coarse fragments; 20-50%, coarse gravelly, 20-60mm, angular platy, Stabilised soil, coarse fragments;
A2	0.1 - 0.2 m	Reddish brown (5YR4/3-Moist); Light reddish brown (5YR6/3-Dry); ; Loam; 20-50%, coarse gravelly, 20-60mm, angular platy, Stabilised soil, coarse fragments;
B21	0.2 - 0.6 m	Red (2.5YR4/6-Moist); ; Sandy light clay; 10-20%, medium gravelly, 6-20mm, angular platy, Stabilised soil, coarse fragments;

Morphological Notes

Ap	Stoney.
A2	Stoney, pale A2.
B21	Stoney.

Observation Notes

No 70-80cm sample. "Stoney" near crest of hill. Stoney duplex red profile, no CO3. Red Podzolic?

Site Notes

Wagga Wagga

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[illegible]

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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