

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN245 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	Westby
Date Desc.:	19/05/89	Elevation:	No Data
Map Ref.:	Sheet No. : 8326 1:100000	Rainfall:	No Data
Northing/Long.:	6062600 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	535300 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:	Mid-slope	Relief:	50 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	8 %	Aspect:	360 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:	Gn2.81
		Great Soil Group:	N/A

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation:

Tall Strata - Tree, 3.01-6m, Very sparse. *Species includes - None Recorded

Surface Coarse Fragments: 10-20%, coarse gravelly, 20-60mm, angular, Shells

Profile Morphology

A1	0 - 0.1 m	Dark reddish brown (5YR3/2-Moist); ; Sandy loam; 20-50%, coarse gravelly, 20-60mm, Shells, coarse fragments; Sharp change to -
B1	0.1 - 0.3 m	Strong brown (7.5YR4/6-Moist); ; Sandy clay loam; 20-50%, coarse gravelly, 20-60mm, Shells, coarse fragments; Sharp change to -
B2	0.3 - 0.5 m	Brown (7.5YR5/4-Moist); ; Clay loam, sandy; 20-50%, coarse gravelly, 20-60mm, Shells, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

John Norris. Grazing paddock with reasonable cover of clover and native grasses.. Occassional stringybarks.

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		%
						Cmol (+)/kg			
0 - 0.1	4.15B		0.93K	0.62	0.47	0.08			
0.1 - 0.2	4.12B		0.38K	0.56	0.31	0.05			
0.2 - 0.3	4.18B		0.45K	0.61	0.26				
0.3 - 0.4	4.24B		0.34K	0.81	0.24				
0.4 - 0.5	4.31B								

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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