Project Name: Acids Soils in South Eastern Australia

Project Code: Site ID: AN83 Observation ID: 1 AcidSoils

Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By: Date Desc.: G. W. Geeves Locality:

Elevation: 08/08/88 320 metres Sheet No.: 8328 1:100000 Map Ref.: Rainfall: No Data Northing/Long.: 6152500 AMG zone: 55 Runoff: Moderately rapid

Easting/Lat.: 539100 Datum: AGD66 Moderately well drained Drainage:

Geology

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

Land Form

Rel/Slope Class: No Data Pattern Type: Rises Morph. Type: Simple-slope Relief: 7 metres

Very gently sloped Elem. Type: Slope Category: Hillslope Slope: 2 % Aspect: 330 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification: Mapping Unit: N/A **Principal Profile Form:** GN2.11 **Great Soil Group: ASC Confidence:** N/A

Confidence level not specified

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

0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Fine sandy loam (Heavy);

АЗ 0.1 - 0.3 m Dark red (2.5YR3/6-Moist); ; Sandy clay loam; B21 0.3 - 0.5 m Dark red (2.5YR3/6-Moist); ; Clay loam;

B22 0.5 - 0.8 m Yellowish red (5YR4/6-Moist); ; Clay loam;

Morphological Notes

Observation Notes

Grazing paddock, grass>clover. Red Earth, no carbonate.

Site Notes

Marrar

Acids Soils in South Eastern Australia

AcidSoils Site ID: AN83 CSIRO Land and Water (ACT) Observation ID: 1

Project Name: Project Code: Agency Name:

Laboratory Test Results:

Laboratory			_							
Depth m	рН	1:5 EC dS/m		hangeable Mg	Cations K	Na Cmol (-	Exchangeable Acidity	CEC	ECEC	ESP %
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8	4.68B 5.05B 5.55B 5.78B 5.94B 5.76B	uomi	4.77K 5.01K 4.94K 5.17K	1.02 1.3 1.59 1.93	1.21 0.98 0.9 0.87	0.03 0.03 0.07 0.12	ry ng			70
Depth m	CaCO3	Organic C %	Avail. P mg/kg	Total P %	Total N %	Tota K %	l Bulk Density Mg/m3	Pa GV	rticle Size CS FS	Analysis Silt Clay
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8										
Depth	COLE				olumetric V				K sat	K unsat
m		Sat.	0.05 Bar	0.1 Bar g/	0.5 Bar /g - m3/m	1 Bar 3	5 Bar 1	5 Bar	mm/h	mm/h
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8										

Project Name: Acids Soils in South Eastern Australia

Project Code: AcidSoils Site ID: AN83 Observation ID: 1

Agency Name: **CSIRO Land and Water (ACT)**

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

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

4B1