**Project Name:** Acids Soils in South Eastern Australia

**Project Code:** Site ID: Observation ID: 1 AcidSoils AN90

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

**Site Information** 

G. W. Geeves Locality:

Desc. By: Date Desc.: 09/08/88 Elevation: 250 metres Sheet No.: 8328 1:100000 Map Ref.: Rainfall: No Data 6159400 AMG zone: 55 Runoff: Northing/Long.: Slow

525800 Datum: AGD66 Moderately well drained Easting/Lat.: Drainage:

Geology

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

**Land Form** 

Rel/Slope Class: Level plain <9m <1% Pattern Type: Plain Morph. Type: No Data Relief: 3 metres

Elem. Type: Slope Category: Very gently sloped Plain 1 % Aspect: 270 degrees Slope:

Surface Soil Condition (dry):

**Erosion:** 

**Soil Classification** 

**Australian Soil Classification: Mapping Unit:** N/A **Principal Profile Form:** GN2.12 **ASC Confidence: Great Soil Group:** N/A

Confidence level not specified

Site Disturbance: Cultivation. Rainfed

**Vegetation:** 

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

**Surface Coarse Fragments:** No surface coarse fragments

**Profile Morphology** 

Dark reddish brown (5YR3/3-Moist); ; Sandy clay loam, fine sandy; 0 - 0.2 m

B21 0.2 - 0.6 m Red (2.5YR4/8-Moist); ; Clay loam; 0-2%, fine gravelly, 2-6mm, subangular, coarse fragments; 0.6 - 0.8 m B22 Red (2.5YR4/6-Moist); ; Light clay; 0-2%, fine gravelly, 2-6mm, subangular, coarse fragments;

#### **Morphological Notes**

#### **Observation Notes**

Stubble paddock, clover> weeds. Sloping plain 2km fromcrest at 20m hills. Gradational profile, no carbonate, Red Earth.

## **Site Notes**

Coolamon

Acids Soils in South Eastern Australia

AcidSoils Site ID: AN90 CSIRO Land and Water (ACT) Observation ID: 1

Project Name: Project Code: Agency Name:

# **Laboratory Test Results:**

Laboratory	Test Re	suits.								
Depth	рН	1:5 EC		hangeable Vig	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m		J		Cmol (+				%
0 - 0.1 0.1 - 0.2 0.2 - 0.3	4.43B 4.79B 5.67B		5.06K 7.06K 5.67K	1.03 1.5 1.43	1.55 1.44 1.16	0.01				
0.3 - 0.4 0.4 - 0.5 0.7 - 0.8	6.02B 6.31B 6.65B		5.96K	1.94	0.94	0.08				
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	l Bulk Density	Pai GV	rticle Size	Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3		%	
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		Grav	imetric/Vo	olumetric V	Vater Con	tents		K sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar g - m3/m	1 Bar 3	5 Bar 15 I	3ar	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										

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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

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