Project Name:	Acids Soils i	n South Easte	rn Australia	
Project Code:	AcidSoils	Site ID:	AV89	
Agency Name:	CSIRO Land and Water (ACT)			

#### Observation ID: 1

Site Information Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.: Geology	C.J. Chartres 24/08/88 Sheet No. : 8125 1:100000	Locality: Elevation: Rainfall: Runoff: Drainage:	155 metre No Data Slow Poorly dra	-	
ExposureType: Geol. Ref.:	Auger boring No Data	Conf. Sub. is Pare Substrate Material		No Data No Data	-
Land Form Rel/Slope Class: Morph. Type: Elem. Type: Slope:	Level plain <9m <1% Flat Plain 0 %	Pattern Type: Relief: Slope Category: Aspect:	Plain 1 metres Level No Data		
Surface Soil Co	ondition (dry):				
Erosion:	_				
Soil Classificat					
Australian Soil Classification:		••	Mapping Unit:		N/A DB
N/A ASC Confidence:		Principal Profile Form: Great Soil Group:			N/A
Confidence level	-	Cicut	con croup.	•	
Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage					9
Vegetation:					
Tall Strata - Sod grass, <0.25m, Closed or dense. *Species includes - None Recorded					
Surface Coarse Fragments: No surface coarse fragments					
Profile Morpho Ap 0 - 0.1 m		ounded, Quartz, coar solidated material (ur	se fragment	ts; 0-2%	

B21 0.1 - 0.5 m Brown (10YR5/3-Moist); ; Medium clay; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; 0-2%, fine gravelly, 2-6mm, subrounded tabular, Unconsolidated material (unidentified), coarse fragments; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;

#### B22 0.5 - 0.8 m Brown (10YR5/3-Moist); ; Medium clay;

### **Morphological Notes**

B22 CO3 nodules.

## **Observation Notes**

Sinclairs. Brown clay. Uniform brown clay, CO3.

# Site Notes

Thoona

Project Name:	Acids Soils in S	outh Easte	ern Australia	
Project Code:	AcidSoils	Site ID:	AV89	Observation ID:
Agency Name:	CSIRO Land and	d Water (A	CT)	

## Laboratory Test Results:

Depth	рН	1:5 EC		hangeable	e Cations K	E Na	xchangeable	CEC	ECEC	ESP
m		dS/m	Ca I	Mg	n	Ma Cmol (+)/	Acidity ′kg			%
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8	4.9B 5.78B 6.44B 6.8B 7.05B 7.66B		4.87K 8.52K 10.05K 9.44K	2.32 5.34 7.3 7.78	0.54 0.72 0.79 0.73	0.65 1.4 2.08 2.49				
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV CS	e Size FS	Analysis Silt Clay
m	%	%	г mg/kg	г %	%	к %	Mg/m3	GV C3	гз %	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		Grav	imetric/Vo	olumetric V	Vater Conte	ents	к	sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar /g - m3/m	1 Bar 3	5 Bar 15 E		m/h	mm/h
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4										

1

0.4 - 0.5 0.7 - 0.8

# Project Name:Acids Soils in South Eastern AustraliaProject Code:AcidSoilsSite ID:Agency Name:CSIRO Land and Water (ACT)

## Observation ID: 1

## Laboratory Analyses Completed for this profile

13_NR_AL	Extractable AI(%) - Not recorded
13_NR_MN	Extractable Mn(%) - 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