Project Name:	Acids Soils in	South Easte	ern Australia
Project Code:	AcidSoils	Site ID:	AV25
Agency Name:	CSIRO Land a	and Water (A	CT)

Observation ID: 1

Site Inform	nation					
Desc. By:	-	C.J. Chartres	Locality:			
Date Desc.:	-	1/06/88	Elevation:	145 metr	es	
Map Ref.:	-	Sheet No. : 8125 1:100000	Rainfall:	No Data		
Easting/Lat		990000 AMG zone: 55 37400 Datum: AGD66	Runoff: Drainage:	Slow Moderate		rainad
0	4	S7400 Datum. AGD00	Dialitage.	MODELAR	ely well u	aneu
<u>Geology</u>	(no) /	Augor boring	Conf. Sub. is Pare	ont Mot .	No Dat	•
ExposureTy Geol. Ref.:		Auger boring No Data	Substrate Materia		No Dat	
		10 Data	Substrate Materia		NO Dat	a
Land Form	-		D	Dista		
Morph. Type		₋evel plain <9m <1% Flat	Pattern Type: Relief:	Plain 2 metres		
Elem. Type:		Plain	Slope Category:	Level		
Slope:) %	Aspect:	No Data		
•		dition (dry):	. opeen			
Erosion:						
Soil Class	ificatio	<u>n</u>				
Australian S	Soil Clas	ssification:	Марр	N/A		
N/A			Princi	GN		
ASC Confidence:			Great Soil Group:			N/A
Confidence level not specified						
Site Distur	bance	: Complete clearing. Pasture, na	ative or improved, cul	tivated at so	ome stag	e
Vegetation	<u>):</u>					
-		Tall Strata - Sod grass, <0.25	m, Mid-dense. *Speci	es includes	- None F	Recorded
Surface Co	barse F	Fragments: No surface coarse	e fragments			
Profile Mo	rpholo	av				
	0.1 m	Dark brown (7.5YR3/4-Mo	ist); ; Fine sandy loan	n;		
A12 01	-03m	Dark brown (7 5YR3/4-Mo	ist): · Fine sandy loan	n.		

A12	0.1 - 0.3 m	Dark brown (7.5YR3/4-Moist); ; Fine sandy loam;
B21	0.3 - 0.5 m	Yellowish red (5YR4/6-Moist); ; Clay loam;
B22	0.5 - 0.8 m	Red (2.5YR4/6-Moist); ; Clay loam (Heavy); Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;

Morphological Notes

Observation Notes

Box trees, clover and grass paddock, flat. In slight depression 0.5m but well drained on interrace above Ovens Floodplain. Reddish profile, light textured duplex grdnl intergrade. RE? Podzolic RE? Podzolic red earth.

Site Notes

Boorhaman

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Laboratory Test Results:

Depth	pН	1:5 EC		hangeable			xchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	к	Na 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	4.61B 4.22B 4.42B 5.19B 5.53B 5.84B		2.46K 1.92K 2.38K 2.92K	0.55 0.3 0.38 0.5	0.8 0.56 0.47 0.37	0.08 0.07 0.09 0.08				
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Partic GV C		Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3	GV C	%	Sint Cidy
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/V	olumetric V	Vater Cont	ents		K sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar /g - m3/m	1 Bar 3	5 Bar 15 I		nm/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 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++) - meg per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meg per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meg per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meg per 100g of soil - Not recorded
101	

4B1 pH of 1:5 soil/0.01M calcium chloride extract - direct