Project Name: Project Code: Agency Name:	Acids Soils in South Easte AcidSoils Site ID: CSIRO Land and Water (AC	AV18 O	bservation II	ID: 1		
Site Informatio Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.: <u>Geology</u>	n C.J. Chartres 31/05/88 Sheet No. : 8125 1:100000 5998000 AMG zone: 55 442000 Datum: AGD66	Locality: Elevation: Rainfall: Runoff: Drainage:	Diddah Didda 150 metres No Data Slow Imperfectly de			
ExposureType: Geol. Ref.:	Auger boring No Data	Conf. Sub. is Pare Substrate Materia		o Data o 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	ion					
Australian Soil C	lassification:	Mapping Unit: N/A Principal Profile Form: DY				
ASC Confidence Confidence level	not specified		Soil Group:	N/A		
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 Morpho						
Ap 0-0.1 m		Brown (7.5YR4/4-Moist); ; Fine sandy loam; 0-2%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;				
Ap 0.1 - 0.2	m Brown (7.5YR4/4-Moist); ; F Nodules;	Brown (7.5YR4/4-Moist); ; Fine sandy loam; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;				
A2 0.2 - 0.4		Red (2.5YR5/8-Moist); Strong brown (7.5YR5/6-Moist); ; Clay loam, fine sandy; Very few (0 - 2 %), Unidentified, Coarse (6 - 20 mm), Nodules;				
B21 0.4 - 0.6	m Yellowish brown (10YR5/8-	Yellowish brown (10YR5/8-Moist); , 2.5YR58, 2-10% , 0-5mm, Distinct; Light clay;				
B22 0.6 - 0.8	m Light olive brown (2.5Y5/4-	Moist); ; Medium hea	vy clay;			
Morphological	Notos					

A2 Not bleached

Observation Notes On slight 1m rise. Grazing paddock, clover (Trifolium repens) and grass pasture. Rutherglen loam similar to R4 site Site Notes

Project Name:	Acids Soils in So	outh Easte	rn Australia	
Project Code:	AcidSoils	Site ID:	AV18	Observation ID:
Agency Name:	CSIRO Land and Water (ACT)			

## Laboratory Test Results:

Depth	рН	1:5 EC		hangeable Mg	Cations K	E: Na	xchangeable Acidity	CEC	ECEC	ESP
m		dS/m	Ca i	vig	n	Cmol (+)/				%
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8	4.65B 4.35B 4.96B 5.46B 6.03B 7.35B		6.51K 4.17K 5.35K 10.26K	1 1.12 2.99 4.01	0.89 0.67 0.66 0.91	0.08 0.1 0.44 0.89				
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV CS		Analysis Silt Clay
m	%	%	mg/kg	г %	%	%	Mg/m3	GV C3	%	Shi Ciay
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 B		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