Project Name: Project Code: Agency Name:	Acids Soils in South Easte AcidSoils Site ID: CSIRO Land and Water (AC	AV96 O	bservation ID:	1	
Easting/Lat.:	n C.J. Chartres 25/08/88 Sheet No. : 8025 1:100000 5993200 AMG zone: 55 396400 Datum: AGD66	Locality: Elevation: Rainfall: Runoff: Drainage:	130 metres No Data Slow Imperfectly draine	d	
<u>Geology</u> ExposureType: Geol. Ref.:	Auger boring No Data	Conf. Sub. is Pare Substrate Material			
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 Condition (dry):					
Erosion: Soil Classification					
Australian Soil C N/A ASC Confidence Confidence level	:	Mappi Princij Great	N/A DB N/A		
Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage					
<u>Vegetation:</u> Tall Strata - Sod grass, <0.25m, Closed or dense. *Species includes - None Recorded <u>Surface Coarse Fragments</u> : No surface coarse fragments					
Drafile Marshal	l				

# Profile Morphology

Ар	0 - 0.15 m	Dark brown (10YR3/3-Moist); ; Clay loam; 0-2%, fine gravelly, 2-6mm, subangular platy, Quartz, coarse fragments;
B21	0.15 - 0.5 m	Dark yellowish brown (10YR4/4-Moist); , 7.5YR56, 10-20% , 5-15mm, Distinct; Light clay; 0-2%, fine gravelly, 2-6mm, subangular platy, Quartz, coarse fragments;
B22	0.5 - 0.8 m	Yellowish brown (10YR5/4-Moist); ; Medium clay; 0-2%, fine gravelly, 2-6mm, subangular platy, Quartz, coarse fragments;

Morphological Notes B22 CO3 nodules

# **Observation Notes**

LJ Whinray. Flat site, grazing grass=clover=capeweed. Brownish clay, CO3, similar to AV95.

# Site Notes

Tungamah

Project Name:	Acids Soils in	South Easte	ern Australi	а
Project Code:	AcidSoils	Site ID:	AV96	Observation ID:
Agency Name:	CSIRO Land a	nd Water (A	CT)	

# Laboratory Test Results:

Depth	рН	1:5 EC		hangeable Mg	Cations K	E: Na	changeable Acidity	CEC	ECEC	ESP
m		dS/m	Ga	wig	n	Cmol (+)/				%
0 - 0.1 0.1 - 0.15 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5	5.04B 4.92B 6.2B 6.82B 7.09B		5.49K 5.56K 8.09K 8.81K	3.44 4.36 8.44 9.67	0.74 0.64 0.76 0.8	0.52 0.91 2.38 3.71				
0.4 - 0.5 0.7 - 0.8	7.09B 7.77B									
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV CS	e Size FS	Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3		%	
0 - 0.1 0.1 - 0.15 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 I		m/h	mm/h
0 - 0.1 0.1 - 0.15 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