

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV14 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	31/05/88	Elevation:	150 metres
Map Ref.:	Sheet No. : 8125 1:100000	Rainfall:	No Data
Northing/Long.:	5984900 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	443100 Datum: AGD66	Drainage:	Imperfectly drained

Geology

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

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	1 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	0.2 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	DY
		Great Soil Group:	N/A

Site Disturbance: Cultivation. Rainfed

Vegetation:

Tall Strata - Sod grass, <0.25m, Sparse. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.18 m	Dark brown (7.5YR3/2-Moist); ; Loam; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;
A2	0.18 - 0.3 m	Strong brown (7.5YR5/6-Moist); Light brown (7.5YR6/4-Dry); , 10YR63, 10-20% , 15-30mm, Distinct; Clay loam; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;
B2	0.3 - 0.8 m	Reddish yellow (7.5YR6/8-Moist); , 10YR64, 10-20% , 15-30mm, Distinct; Light clay (Light); Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;

Morphological Notes

A2 Not bleached

Observation Notes

Sharefarmer Mick McKenzie Boorhaman Rd. Stubble paddock with weeds. On slight 1m local rise. Rutherglen loam.

Site Notes

Bowser

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		%
						Cmol	(+)/kg		
0 - 0.1	4.38B		3.31K	1.47	0.82	0.13			
0.1 - 0.2	4.16B		2.64K	1.5	0.49	0.14			
0.2 - 0.3	4.42B		2.12K	2.24	0.34	0.25			
0.3 - 0.4	4.38B		1.24K	3.83	0.3	0.61			
0.4 - 0.5	4.43B								
0.7 - 0.8	4.78B								

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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_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