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

Observation ID: 1

Site Informat	ion									
Desc. By:		C.J. Chartres Locality:								
Date Desc.:	23/0		Elevation:		150 metre					
Map Ref.:		Sheet No. : 8125 1:100000		Rainfall:		No Data				
Northing/Long			Runoff:		Rapid					
Easting/Lat.:	4175	500 Datum: A	GD66	Drainage:		Moderately well drained				
<u>Geology</u>										
ExposureType		er boring	Conf. Sub. is Parent. Mat.: No Data							
Geol. Ref.:	NO L	Data		Substrate N	laterial		No Data	а		
Land Form										
Rel/Slope Clas	s: Gen 1-3%	tly undulating ı %	rises 9-30m	Pattern Typ	e:	Rises				
Morph. Type:	Mid-	slope		Relief:		15 metre	s			
Elem. Type:		lope		Slope Cate	gory:	Very gen		d		
Slope:	3 %			Aspect:		270 degr	ees			
Surface Soil	Conditi	<u>on (dry):</u>								
Erosion:										
Soil Classific	ation									
Australian Soil	Classif	ication:			Mapping Unit: N/A					
N/A				Principal Profile Form: DR						
ASC Confidence:				Great Soil Group: N/A						
Confidence level not specified										
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 Morph	nology									
Ap 0 - 0.2 m Dark reddish brown (5YR3/3-Moist); ; Fine sandy loam; 2-10%, medium gravelly, 6 subrounded, coarse fragments:						lium gravelly, 6-20mm,				
B1 0.2 - 0	.3 m	m Reddish brown (5YR4/4-Moist); ; Light clay;								
B21 0.3 - 0	321 0.3 - 0.6 m Red (2.5YR4/6-Moist); ; Light clay;									
B22 0.6 - 0	B22 0.6 - 0.8 m Yellowish red (5YR4/6-Moist); ; Light clay;									
Morphologic	al Note	<u>s</u>								

Ap Stoney

Observation Notes

Bells? Grazing capeweed>grass=clover. Duplex red soil similar to 61 associated with rise but no cypress, only box trees. Not as sandy, more stoney. NCBS?

Site Notes

Boomahnoomoonah

Project Name:	Acids Soils in	South Easte	ern Austral	ia
Project Code:	AcidSoils	Site ID:	AV62	Observation ID:
Agency Name:	CSIRO Land a			

Laboratory Test Results:

Depth	рН	1:5 EC		hangeable	e Cations K	E: Na	xchangeable	CEC	ECEC	ESP
m		dS/m	Ca	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	4.76B 4.7B 5.87B 6.68B 7.19B 6.78B		4.61K 3.61K 4.6K 5.11K	2.01 2.21 5.1 8.23	1.21 0.66 0.65 0.88	0.32 0.47 1.41 2.66				
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particl GV CS		Analysis Silt Clay
m	%	%	mg/kg	г %	%	%	Mg/m3	GV C3	%	Sint 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 E		ım/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

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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