

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN219 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	Yathella
Date Desc.:	17/05/89	Elevation:	260 metres
Map Ref.:	Sheet No. : 8428 1:100000	Rainfall:	No Data
Northing/Long.:	6130400 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	547100 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:	Rises
Morph. Type:	No Data	Relief:	5 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	330 degrees

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:	Gn2.12
		Great Soil Group:	N/A

Site Disturbance: Cultivation. Rainfed

Vegetation:

Surface Coarse Fragments:

Profile Morphology

Ap	0 - 0.1 m	Reddish brown (5YR4/4-Moist); ; Fine sandy loam; Gradual change to -
B1	0.1 - 0.3 m	Dark reddish brown (2.5YR3/4-Moist); ; Sandy clay loam, fine sandy; Gradual change to -
B21	0.3 - 0.6 m	Red (2.5YR4/6-Moist); ; Clay loam, fine sandy; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules;
B22	0.6 - 0.8 m	Strong brown (7.5YR5/6-Moist); ; Sandy clay;

Morphological Notes

Observation Notes

P.F.P. Gn2.15? Gradational red profile yellowing at depth. Rough ped fabric, maybe hardsetting. Red Earth similar to AN 218 in rolling parna country. No CO3. Red Earth Podz inter. Heavier textured B, maybe podzollic intergr.

Site Notes

Owner: John Loyd, Harefield Park. Freshly cultivated paddock on long sloping plain.

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[illegible]

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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_AL	Exchangeable aluminium - method 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