Project Name: Acids Soils in South Eastern Australia

Project Code: AcidSoils Site ID: AN202 Observation ID: 1

Agency Name: CSIRO Land and Water (ACT)

Site Information

 Desc. By:
 G. W. Geeves
 Locality:
 Pulletop

 Date Desc.:
 16/05/89
 Elevation:
 290 metres

 Map Ref.:
 Sheet No.:
 8327
 1:100000
 Rainfall:
 No Data

 Northing/Long.:
 6080800 AMG zone:
 55
 Runoff:
 Slow

Easting/Lat.: 531100 Datum: AGD66 Drainage: Moderately well 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%</th>
 Pattern Type:
 Plain

 Morph. Type:
 No Data
 Relief:
 2 metres

 Elem. Type:
 Plain
 Slope Category:
 Level

 Slope:
 0.5 %
 Aspect:
 No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:Mapping Unit:N/AN/APrincipal Profile Form:Dr2.21

ASC Confidence: Great Soil Group: Red podzolic soil

Confidence level not specified

Site Disturbance: Cultivation. Rainfed

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

A1 0 - 0.1 m Dark reddish brown (5YR3/4-Moist); ; Fine sandy loam; Gradual change to -

A2 0.1 - 0.4 m Yellowish red (5YR4/6-Moist); Light reddish brown (5YR6/4-Dry); ; Fine sandy loam (Heavy);

Gradual change to -

B21 0.4 - 0.8 m Red (2.5YR4/6-Moist); ; Sandy clay;

Morphological Notes

A2 Pale A2

Observation Notes

(Almost gradational) Red texture contrast soil. Like a Red Earth but with more texture contrast than north of Wagga and no yellowing aat depth. Existence of hardsetting. Not quite as earthy. No CO3. Red Podzolic.

Site Notes

Owner: John Anderson. Very good oats crop in flat paddock about 1 km from low hills to north.

Project Name: Project Code: Agency Name: Acids Soils in South Eastern Australia

AcidSoils Site ID: AN202 CSIRO Land and Water (ACT) Observation ID: 1

Laboratory Test Results:

Laboratory										
Depth	рН	1:5 EC		hangeable	Cations K	Na E	xchangeable	CEC	ECEC	ESP
m		dS/m	Ca i	Иg	n.	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	4.12B 3.98B 4.08B 4.49B 4.82B 5.3B		1.08K 0.9K 1.11K 2.13K	0.18 0.11	0.82 0.64 0.52 0.51	0.04 0.06 0.14 0.34				
Depth m	CaCO3	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Parti GV (icle Size CS FS %	Analysis Silt Clay
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 Cont	ents		K sat	K unsat
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar g - m3/m	1 Bar	5 Bar 15 I	Bar	mm/h	mm/h
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8										

Project Name: Acids Soils in South Eastern Australia

Project Code: AcidSoils Site ID: AN202 Observation ID: 1

Agency Name: **CSIRO Land and Water (ACT)**

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

Exchangeable aluminium - method not recorded Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded Exch. basic cations (K++) - meq per 100g of soil - Not recorded Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded Exch. basic cations (Na++) - meq per 100g of soil - Not recorded pH of 1:5 soil/0.01M calcium chloride extract - direct 15_NR_CA 15_NR_K 15_NR_MG 15_NR_NA

4B1