

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN131 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

| | | | |
|------------------------|---------------------------|-------------------|-------------------------|
| Desc. By: | G. W. Geeves | Locality: | |
| Date Desc.: | 28/09/88 | Elevation: | 205 metres |
| Map Ref.: | Sheet No. : 8327 1:100000 | Rainfall: | No Data |
| Northing/Long.: | 6103800 AMG zone: 55 | Runoff: | Slow |
| Easting/Lat.: | 523500 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: | Undulating plains <9m 3-10% | Pattern Type: | Rises |
| Morph. Type: | Simple-slope | Relief: | 5 metres |
| Elem. Type: | Hillslope | Slope Category: | Very gently sloped |
| Slope: | 1 % | Aspect: | 270 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: | DY2.21 |
| | | Great Soil Group: | N/A |

Site Disturbance: Cultivation. Rainfed

Vegetation:

Tall Strata - Sod grass, 0.26-0.5m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

| | | |
|----|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Ap | 0 - 0.1 m | Dark brown (10YR3/3-Moist); ; Fine sandy loam; Very few (0 - 2 %), Ferruginous, Fine (0 - 2 mm), Nodules; |
| A2 | 0.1 - 0.5 m | Yellowish brown (10YR5/4-Moist); Pale brown (10YR6/3-Dry); ; Loamy fine sand; Few (2 - 10 %), Ferruginous, Coarse (6 - 20 mm), Nodules; |
| B2 | 0.5 - 0.8 m | Strong brown (7.5YR5/6-Moist); , 7.5YR54, 10-20% , 0-5mm, Distinct; Light medium clay; |

Morphological Notes

A2 Pale A2.

Observation Notes

Grazing oats on long undulating 1% slope. Yellow profile, no CO3, pale A2. Yellow Podzolic.

Site Notes

Wagga Wagga

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils Site ID: AN131 Observation ID: 1
Agency Name: CSIRO Land and Water (ACT)

Laboratory Test Results:

| Depth | pH | 1:5 EC | Exchangeable Cations | | | Exchangeable | CEC | ECEC | ESP |
|-----------|-------|--------|----------------------|------|------|-------------------|---------|------|-----|
| m | | dS/m | Ca | Mg | K | Na Cmol (+)/kg | Acidity | | % |
| 0 - 0.1 | 4.58B | | 2.31K | 0.59 | 0.5 | 0.05 | | | |
| 0.1 - 0.2 | 4.78B | | 2.4K | 0.55 | 0.31 | 0.03 | | | |
| 0.2 - 0.3 | 5.07B | | 2.36K | 0.52 | 0.23 | 0.02 | | | |
| 0.3 - 0.4 | 5.12B | | 2.41K | 0.62 | 0.19 | 0.05 | | | |
| 0.4 - 0.5 | 5.3B | | | | | | | | |
| 0.7 - 0.8 | 4.9B | | | | | | | | |

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN131 **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 |
| 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 |