

**Project Name:** Acids Soils in South Eastern Australia  
**Project Code:** AcidSoils **Site ID:** AN98 **Observation ID:** 1  
**Agency Name:** CSIRO Land and Water (ACT)

**Site Information**

|                        |                           |                   |                  |
|------------------------|---------------------------|-------------------|------------------|
| <b>Desc. By:</b>       | G. W. Geeves              | <b>Locality:</b>  |                  |
| <b>Date Desc.:</b>     | 10/08/88                  | <b>Elevation:</b> | 325 metres       |
| <b>Map Ref.:</b>       | Sheet No. : 8428 1:100000 | <b>Rainfall:</b>  | No Data          |
| <b>Northing/Long.:</b> | 6176800 AMG zone: 55      | <b>Runoff:</b>    | Moderately rapid |
| <b>Easting/Lat.:</b>   | 546700 Datum: AGD66       | <b>Drainage:</b>  | Poorly drained   |

**Geology**

|                      |              |                                    |         |
|----------------------|--------------|------------------------------------|---------|
| <b>ExposureType:</b> | Auger boring | <b>Conf. Sub. is Parent. Mat.:</b> | No Data |
| <b>Geol. Ref.:</b>   | No Data      | <b>Substrate Material:</b>         | No Data |

**Land Form**

|                         |             |                        |                    |
|-------------------------|-------------|------------------------|--------------------|
| <b>Rel/Slope Class:</b> | No Data     | <b>Pattern Type:</b>   | Rises              |
| <b>Morph. Type:</b>     | Lower-slope | <b>Relief:</b>         | 10 metres          |
| <b>Elem. Type:</b>      | Hillslope   | <b>Slope Category:</b> | Very gently sloped |
| <b>Slope:</b>           | 2 %         | <b>Aspect:</b>         | 270 degrees        |

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

|  |                                |                                |        |
|--|--------------------------------|--------------------------------|--------|
| <b>Australian Soil Classification:</b> | N/A                            | <b>Mapping Unit:</b>           | N/A    |
| <b>ASC Confidence:</b>                 | Confidence level not specified | <b>Principal Profile Form:</b> | DY3.12 |
|  |                                | <b>Great Soil Group:</b>       | N/A    |

**Site Disturbance:** Cultivation. Rainfed

**Vegetation:**

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

**Surface Coarse Fragments:** No surface coarse fragments

**Profile Morphology**

|    |             |   |
|----|-------------|---|
| A1 | 0 - 0.2 m   | Brown (10YR4/3-Moist); ; Fine sandy loam (Heavy); Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules;   |
| A3 | 0.2 - 0.4 m | Brown (10YR4/3-Moist); ; Sandy clay loam, fine sandy; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules;   |
| B2 | 0.4 - 0.8 m | Greyish brown (10YR5/2-Moist); , 5YR56, 10-20% , 15-30mm, Distinct; , 10YR63, 10-20% , 15-30mm, Distinct; Silty clay (Heavy); Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; |

**Morphological Notes**

**Observation Notes**

Stubble grazing paddock, grasses>>clover. Appears almost duplex, gleyed or yellow podzolic, Yellow Solodic.

**Site Notes**

Temora

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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           |