National Soil Fertility Project Name:

Project Code: NSF Site ID: SP4 Observation ID: 1

Agency Name: **CSIRO Division of Soils (SA)**

Site Information

Locality: Coppi, John

Desc. By: Date Desc.: Elevation: 27/05/70 No Data Sheet No.: 6924 Map Ref.: 1:100000 Rainfall: 560 Northing/Long.: 140.5 Runoff: No Data -36.866666666667 Easting/Lat.: Drainage: Well drained

Geology

ExposureType: No Data Conf. Sub. is Parent. Mat.: No Data Geol. Ref.: Substrate Material: No Data Sand

Land Form

Rel/Slope Class: No Data No Data Pattern Type: Morph. Type: Elem. Type: Upper-slope Relief: No Data Hillslope **Slope Category:** No Data Aspect: 270 degrees Slope: 2 %

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification: Mapping Unit: N/A Principal Profile Form: Uc1.21 **ASC Confidence: Great Soil Group:** Podzol

Confidence level not specified

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

| ᆫ | WICH PHOLOGY | |
|---|--------------|--|
| | 0 - 0.1 m | Grey (10YR5/1-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | 0.1 - 0.2 m | Grey (10YR5/1-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | 0.2 - 0.3 m | Grey (10YR5/1-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | 0.3 - 0.4 m | Light brownish grey (10YR6/2-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | 0.4 - 0.5 m | Light brownish grey (10YR6/2-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | 0.5 - 0.6 m | Light brownish grey (10YR6/2-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | 0.6 - 0.7 m | Light brownish grey (10YR6/2-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | 0.7 - 0.8 m | Very pale brown (10YR7/3-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | 0.8 - 0.9 m | Very pale brown (10YR7/3-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | 0.9 - 1 m | Very pale brown (10YR7/3-Moist); ; Sand; Single grain grade of structure; Very weak consistence; 0-2%, coarse fragments; |
| | | |

Morphological Notes

Observation Notes

SP70/P7; DATA IS FROM BULK OF 8 CORES;

Site Notes

NARACORTE

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Laboratory Test Results:

| Depth | pH | 1:5 EC | Exc | hangeable | Cations | E | xchangeable | CEC | | ECEC | | ESP |
|--|--|---|------------------|--------------------------------|------------------------------------|-----------------|-----------------|----------|---------------|----------|----------------|-----------|
| m | • | | | Mg | K | Na Cmol (+)/ | Acidity | | | | | % |
| 0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.5 - 0.6 0.6 - 0.7 0.7 - 0.8 0.8 - 0.9 0.9 - 1 | 5.9I 5.1I 5I 5.3I 5.3I 5.3I 5.2I 5.3I 5.4I | 0.08D 0.07D 0.07D 0.07D 0.07D 0.07D 0.07D 0.07D 0.07D | | | | | | | | | | |
| Depth | CaCO3 | Organic C | Avail. P | Total P | Total N | Total K | Bulk Density | P: GV | article CS | Size / | | s Clay |
| m | % | % | mg/kg | % | % | % | Mg/m3 | | | % | | |
| 0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.5 - 0.6 0.6 - 0.7 0.7 - 0.8 0.8 - 0.9 0.9 - 1 | | | | | 0.04: 0.02: 0.01 0.00: | 3A A 5A | | | 48C 45C | 41 52 | 9 | 2 |
| | | | | | | | | | | | | |
| Depth m | COLE | Sat. | Grav 0.05 Bar | rimetric/Vol 0.1 Bar g/g | lumetric W 0.5 Bar g - m3/m3 | 1 Bar | | Bar | K sa | | K unsa mm/h | |
| 0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.5 - 0.6 0.6 - 0.7 0.7 - 0.8 0.8 - 0.9 0.9 - 1 | | | | | | | | | | | | |

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Laboratory Analyses Completed for this profile

2A1 Air-dry moisture content

3_C_B

Electrical conductivity or soluble salts - Total soluble salts % pH of soil - pH of 1:2.5 soil/water suspension 4A_C_2.5 5_C_B 7A2 Water soluble Chloride - Method recorded as B
Total nitrogen - semimicro Kjeldahl , automated colour

P10_NR_C Clay (%) - Not recorded

P10_NR_CS P10_NR_FS Coarse sand (%) - Not recorded Fine sand (%) - Not recorded P10_NR_Z Silt (%) - Not recorded