

Project Name: CAP
Project Code: CAP **Site ID:** P202 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

| | | | |
|------------------------|---------------------------|-------------------|--|
| Desc. By: | E. Bettenay | Locality: | 2 chains from River Capel:0.8KM N.W. of Capel Hotel: |
| Date Desc.: | 06/03/54 | Elevation: | 2 metres |
| Map Ref.: | Sheet No. : 2030 1:100000 | Rainfall: | 0 |
| Northing/Long.: | 115.558333333333 | Runoff: | Slow |
| Easting/Lat.: | -33.548333333333 | Drainage: | Moderately well drained |

Geology

| | | | |
|----------------------|---------|------------------------------------|--|
| ExposureType: | No Data | Conf. Sub. is Parent. Mat.: | No Data |
| Geol. Ref.: | No Data | Substrate Material: | Unconsolidated material (unidentified) |

Land Form

| | | | |
|-------------------------|---------|------------------------|-------------|
| Rel/Slope Class: | No Data | Pattern Type: | Flood plain |
| Morph. Type: | No Data | Relief: | No Data |
| Elem. Type: | Plain | Slope Category: | No Data |
| Slope: | 0 % | Aspect: | No Data |

Surface Soil Condition (dry):

Erosion:

Soil Classification

| | | | |
|--|--|--------------------------------|-----|
| Australian Soil Classification: | | Mapping Unit: | N/A |
| Mottled Eutrophic Brown Kandosol | | Principal Profile Form: | N/A |
| ASC Confidence: | | Great Soil Group: | N/A |

No analytical data are available but confidence is fair.

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Sod grass, , . *Species includes - None recorded
Tall Strata - Tree, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

| | | |
|----|---------------|--|
| A1 | 0 - 0.08 m | Dark greyish brown (10YR4/2-Moist); ; Loam; Dry; Weak consistence; Slightly plastic; Normal plasticity; Clear, Smooth change to - |
| A2 | 0.08 - 0.2 m | Dark brown (10YR3/3-Moist); ; Loam; Dry; Weak consistence; Slightly plastic; Normal plasticity; Clear, Smooth change to - |
| B | 0.2 - 0.66 m | Dark brown (10YR3/3-Moist); , 10YR53; Loam; Single grain grade of structure; Dry; Weak consistence; Slightly plastic; Normal plasticity; Diffuse, Smooth change to - |
| B | 0.66 - 1.14 m | Dark brown (10YR3/3-Moist); ; Loam; Single grain grade of structure; Dry; Weak consistence; Slightly plastic; Normal plasticity; |
| | 1.14 - 1.68 m | Dark brown (10YR3/3-Moist); , 10YR42; Sandy loam; Single grain grade of structure; Very weak consistence; |
| | 1.68 - 2.18 m | Greyish brown (10YR5/2-Moist); , 10YR56; Sandy medium clay; Single grain grade of structure; Very weak consistence; |

Morphological Notes

Observation Notes

A1 AND A2 SHOW EXCELLENT CRUMB STRUCTURE:

Site Notes

S.W.L.D.

Observation ID: 1

Laboratory Test Results:

[illegible][illegible][illegible]

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Laboratory Analyses Completed for this profile

| | |
|-----------|--|
| 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 |
| 15G1_H | Hydrogen Cation - meq per 100g of soil - 1M KCl Exch. Acidity By titration to pH 8.0 |
| 15J_H | Sum of Ex. cations + Ex. acidity - Sum of basic exch. cations and exch. (Hydrogen) |
| 2_LOI | Loss on Ignition (%) |
| 2A1 | Air-dry moisture content |
| 3A1 | EC of 1:5 soil/water extract |
| 4A1 | pH of 1:5 soil/water suspension |
| 5A2 | Chloride - 1:5 soil/water extract, automated colour |
| 6A1_UC | Organic carbon (%) - Uncorrected Walkley and Black method |
| 7_NR | Total nitrogen (%) - Not recorded |
| 9A_HCL | Total element - P(%) - By boiling HCl |
| P10_PB_C | Clay (%) - Plummet balance |
| P10_PB_CS | Coarse sand (%) - Plummet balance |
| P10_PB_FS | Fine sand (%) - Plummet balance |
| P10_PB_Z | Silt (%) - Plummet balance |