

Project Name: Salinity Action Plan Ecological Survey
Project Code: SAP **Site ID:** DA04 **Observation ID:** 1
Agency Name: WA Department of Environment and Conservation

Site Information

Desc. By:
Date Desc.: 29/04/99
Map Ref.:
Northing/Long.: 116.6348062
Easting/Lat.: -33.46906342 Datum: GDA94
Locality: Wheat Belt, Western Australia
Elevation: 343 metres
Rainfall: No Data
Runoff: No Data
Drainage: No Data

Geology

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

Landform

Rel/Slope Class: No Data
Morph. Type: No Data
Elem. Type: No Data
Slope: %
Pattern Type: No Data
Relief: No Data
Slope Category: No Data
Aspect: No Data

Surface Soil Condition

Erosion

Soil Classification

Australian Soil Classification: N/A
ASC Confidence: Confidence level not specified
Mapping Unit: N/A
Principal Profile Form: N/A
Great Soil Group: N/A

Site Disturbance

Vegetation

Surface Coarse Fragments

Profile Morphology

0 - 0.1 m ;

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

| Depth | pH | 1:5 EC | Ca | Exchangeable Mg | Cations K | Na | Exchangeable Acidity | CEC | ECEC | ESP |
|---------|----|--------|-------|-----------------|-----------|-------------|----------------------|-----|------|-----|
| m | | dS/m | | | | Na | | | | % |
| | | | | | | Cmol (+)/kg | | | | |
| 0 - 0.1 | 6A | 0.08A | 6.37I | 1.5 | 0.21 | 0.28 | | | | |

| Depth | CaCO3 | Organic C | Avail. P | Total P | Total N | Total K | Bulk Density | Particle Size | Analysis |
|---------|-------|-----------|----------|---------|---------|---------|--------------|---------------|----------|
| m | % | Clay | mg/kg | % | % | % | Mg/m3 | GV CS FS | Silt |
| | | % | | | | | | | % |
| 0 - 0.1 | | 4.93A | 88J | | 0.15A | | | 95.7G | 2.5 |
| 1.8 | | | | | | | | | |

Laboratory Analyses Completed for this profile

15_NR_MN Exchangeable bases (Mn++) - meq per 100g of soil - Not recorded
 15E2_CA Exchangeable bases (Ca2+,Mg2+,Na+,K+) by compulsive exchange, pretreatment for soluble salts
 15E2_K Exchangeable bases, CEC and AEC by compulsive exchange, pretreatment for soluble salts
 15E2_MG Exchangeable bases, CEC and AEC by compulsive exchange, pretreatment for soluble salts
 15E2_NA Exchangeable bases, CEC and AEC by compulsive exchange, pretreatment for soluble salts

| | |
|----------|--|
| 18A1 | Bicarbonate-extractable potassium |
| 3A1 | EC of 1:5 soil/water extract |
| 4A1 | pH of 1:5 soil/water suspension |
| 6A1 | Organic carbon - Walkley and Black |
| 7A2 | Total nitrogen - semimicro Kjeldahl , automated colour |
| 9A_S14 | Total element - P(%) method S14 CCWA |
| 9B1 | Bicarbonate-extractable phosphorus - manual colour |
| P10_CF_C | Clay (%) - Coventry and Fett pipette method |
| P10_CF_S | Sand (%) - Coventry and Fett pipette method |
| P10_CF_Z | Silt (%) - Coventry and Fett pipette method |