

**Project Name:** SOU  
**Project Code:** SOU      **Site ID:** P735      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (WA)

**Site Information**

<b>Desc. By:</b>	W.M. MacArthur	<b>Locality:</b>	South-West Highway 1.3KM north of Centre Road:
<b>Date Desc.:</b>	02/11/84	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 2228    1:100000	<b>Rainfall:</b>	0
<b>Northing/Long.:</b>	116.566666666667	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	-34.85	<b>Drainage:</b>	No Data

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Sand

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Parapanic Humic Semiaquic Podsol		<b>Principal Profile Form:</b>	Uc3.33
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Humus podzol
Analytical data are incomplete but reasonable confidence.			

**Site Disturbance:**

**Vegetation:** Low Strata - Sedge, , . \*Species includes - None recorded

**Surface Coarse Fragments:**

**Profile Morphology**

0 - 0.05 m	Dark grey (2.5Y4/0-Moist); ; Loamy sand; Single grain grade of structure; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments;
0.05 - 0.1 m	Grey (2.5Y5/0-Moist); ; Sand; Single grain grade of structure; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments;
0.1 - 0.2 m	Grey (2.5Y5/1-Moist); ; N60; Sand; Single grain grade of structure; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments;
0.2 - 0.4 m	Greyish brown (2.5Y5/2-Moist); ; N70; Sand; Single grain grade of structure; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments;
0.4 - 0.7 m	Greyish brown (2.5Y5/3-Moist); ; Sand; Single grain grade of structure; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments;
0.7 - 0.9 m	Dark greyish brown (2.5Y4/2-Moist); ; Sand; Single grain grade of structure; 0-2%, Quartz, coarse fragments;
0.9 - 1.2 m	Dark greyish brown (10YR4/2-Moist); ; Sand; Single grain grade of structure; 0-2%, Quartz, coarse fragments;

**Morphological Notes**

**Observation Notes**

20-40CM SPOTTY BLEACH:PROFILE KNOWN TO HAVE ORGANIC HARD PAN BELOW 1.5M:

**Site Notes**

**Laboratory Test Results:**

[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
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
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