

Project Name: SOU
Project Code: SOU **Site ID:** P753 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	W.M. MacArthur	Locality:	Valley of Gaints Road 0.3KM from South Coast Highway:
Date Desc.:	03/11/82	Elevation:	No Data
Map Ref.:	Sheet No. : 2227 1:100000	Rainfall:	0
Northing/Long.:	116.85	Runoff:	No Data
Easting/Lat.:	-35	Drainage:	No Data

Geology

Exposure Type:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	No Data
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Dystrophic Yellow Chromosol		Principal Profile Form:	Dy2.62
ASC Confidence:		Great Soil Group:	Yellow podzolic soil
Analytical data are incomplete but reasonable confidence.			

Site Disturbance:

Vegetation:

Tall Strata - Tree, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.05 m	Brown (7.5YR5/4-Moist); ; Loam; , Granular; Loose consistence; 2-10%, Substrate material, coarse fragments;
0.05 - 0.1 m	Brown (7.5YR5/3-Moist); ; Sandy loam; Weak grade of structure, Granular; Loose consistence; 10-20%, Substrate material, coarse fragments;
0.1 - 0.2 m	Brown (7.5YR5/3-Moist); ; Sandy loam; Massive grade of structure; Firm consistence; 10-20%, Substrate material, coarse fragments;
0.2 - 0.3 m	Strong brown (7.5YR5/5-Moist); ; Sandy loam; Massive grade of structure; Firm consistence; 10-20%, Substrate material, coarse fragments;
0.3 - 0.5 m	Brownish yellow (10YR6/6-Moist); ; Sandy medium clay; Massive grade of structure; Very firm consistence; 2-10%, Substrate material, coarse fragments;
0.5 - 0.7 m	Brownish yellow (10YR6/6-Moist); ; Medium clay; Massive grade of structure; Very firm consistence;
0.7 - 1 m	Brownish yellow (10YR6/8-Moist); , 2.5YR44; , 5Y62; Medium clay; Massive grade of structure; Very firm consistence;

Morphological Notes

Observation Notes

0-50CM GRAVELS FERRUGINISED:

Site Notes

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Ca	Exchangeable Mg	Cations K	Exchangeable Na	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg	Acidity		%
0 - 0.05	6.3A	0.006A	1.47K	0.7	0.19	0.17			
0.1 - 0.2	6.6A	0.003A	0.96K	0.39	0.1	0.12			
0.3 - 0.5	6.7A	0.003A							
0.7 - 1	6.3A	0.006A	0.84K	0.88	0.15	0.16			

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.05		2.7D							64D	21	4	10
0.1 - 0.2												
0.3 - 0.5												
0.7 - 1									27D	15	15	45

[illegible]

Project Name: SOU
Project Code: SOU **Site ID:** P753 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

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