

**Project Name:** SOU  
**Project Code:** SOU      **Site ID:** P741      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (WA)

**Site Information**

<b>Desc. By:</b>	H.M. Churchwood	<b>Locality:</b>	South Coast Highway (south side) approx. 1KM west of Board Road junction at turn into farm:
<b>Date Desc.:</b>	03/11/82	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 2328 1:100000	<b>Rainfall:</b>	0
<b>Northing/Long.:</b>	117.083333333333	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	-34.983333333333	<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>	Hills
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Gently inclined
<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
No Available Class Siliceous Arenic Rudosol		<b>Principal Profile Form:</b>	Uc1.21
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A
All necessary analytical data are available.			

**Site Disturbance:** No effective disturbance. Natural

**Vegetation:**

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

**Surface Coarse Fragments:**

**Profile Morphology**

0 - 0.05 m	Very dark grey (10YR3/1-Moist); ; Sand; Single grain grade of structure; Loose consistence;
0.05 - 0.1 m	Very dark grey (10YR3/1-Moist); ; Sand; Single grain grade of structure; Loose consistence;
0.1 - 0.2 m	Grey (10YR5/1-Moist); ; Sand; Single grain grade of structure; Loose consistence;
0.3 - 0.4 m	Light grey (10YR7/2-Moist); ; Sand; Single grain grade of structure; Loose consistence;
0.5 - 0.6 m	Light grey (10YR7/2-Moist); ; Sand; Single grain grade of structure; Loose consistence;
0.7 - 0.8 m	Light grey (10YR7/1-Moist); ; Sand; Single grain grade of structure; Loose consistence;
0.9 - 1 m	Light grey (10YR7/1-Moist); ; Sand; Single grain grade of structure; Loose consistence;
1.4 - 1.6 m	Light grey (10YR7/1-Moist); ; Sand; Single grain grade of structure; Loose consistence;
1.9 - 2.1 m	Light grey (10YR7/1-Moist); ; Sand; Single grain grade of structure; Loose consistence;

**Morphological Notes**

**Observation Notes**

UPPER END OF GENTLE SLOPE TO SOUTH - SLIGHT CUT OFF FROM KARRI HILLS ONP.C. ROCK:

**Site Notes**

Project Name: SOU

Project Code: SOU

Agency Name: CSIRO Division of Soils (WA)

Site ID: P741

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		
						Cmol (+)/kg			%

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m					g/g -	m3/m3			mm/h	mm/h

Project Name: SOU  
Project Code: SOU Site ID: P741 Observation ID: 1  
Agency Name: CSIRO Division of Soils (WA)

Laboratory Analyses Completed for this profile