

Project Name: SOU
Project Code: SOU **Site ID:** P722 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	H.M. Churchwood	Locality:	On west side of Thomson Road approx. 200M south of Mitchel Road: closeto hole 12 I/13/34:
Date Desc.:	02/11/82	Elevation:	No Data
Map Ref.:	Sheet No. : 2228 1:100000	Rainfall:	0
Northing/Long.:	116.7	Runoff:	No Data
Easting/Lat.:	-34.75	Drainage:	No Data

Geology

ExposureType:	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:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Regolithic Bleached-Leptic Tenosol		Principal Profile Form:	Uc2.31
ASC Confidence:		Great Soil Group:	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	Grey (10YR6/1-Moist); ; Sand; Single grain grade of structure; Loose consistence;
0.05 - 0.1 m	Grey (10YR6/1-Moist); ; Sand; Single grain grade of structure; Loose consistence;
0.1 - 0.2 m	Light brownish grey (10YR6/2-Moist); ; Sand; Single grain grade of structure; Loose
0.3 - 0.4 m	Light grey (10YR7/2-Moist); , 5Y84; Sand; Single grain grade of structure; Loose consistence;
0.5 - 0.6 m	Very pale brown (10YR7/3-Moist); , 5Y83; Sand; Single grain grade of structure; Loose consistence;
0.8 - 0.9 m	Very pale brown (10YR7/3-Moist); , 5Y83; Sand; Single grain grade of structure; Loose consistence;
1 - 1.1 m	Very pale brown (10YR7/3-Moist); , 5Y83; , 10YR56; Sand; Single grain grade of structure; Loose consistence; Few (2 - 10 %), Ferruginous, , Concretions;

Morphological Notes

Observation Notes

>110CM STOPPED BY FERRUGINOUS STONE GRAVEL:

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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		
m					g/g -	m3/m3		mm/h	mm/h

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Laboratory Analyses Completed for this profile