

Project Name: CAP
Project Code: CAP **Site ID:** P185 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	E. Bettenay	Locality:	On road No. 1915 adjacent to Loc. 221: on slight ridge between swales:
Date Desc.:	26/08/53	Elevation:	No Data
Map Ref.:		Rainfall:	0
Northing/Long.:	115.554166666667	Runoff:	Rapid
Easting/Lat.:	-33.5075	Drainage:	Well drained

Geology

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

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Sand plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Dune	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Fragic Sesquic Aeris Podzol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Podzol
All necessary analytical data are available.		

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.04 m	Dark greyish brown (10YR4/2-Moist); ; Sand (Fibric); Single grain grade of structure; Dry; Loose consistence; Field pH 7 (pH meter); Diffuse, Smooth change to -
A2	0.04 - 0.3 m	Dark greyish brown (10YR4/2-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; Field pH 7 (pH meter); Diffuse, Irregular change to -
A3	0.3 - 0.79 m	Brown (10YR4/3-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; Field pH 7 (pH meter); Diffuse, Smooth change to -
	0.79 - 2.13 m	Strong brown (7.5YR5/6-Moist); ; Sand; Single grain grade of structure; Loose consistence;
B	2.13 - 3.17 m	Brownish yellow (10YR6/6-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; Field pH 7 (pH meter);

Morphological Notes

Observation Notes

HEAVY VEINS THROUGHOUT PROFILE (MORE WITH DEPTH):

Site Notes

SOUTH-WEST LD

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC		Exchangeable Cations		Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg			%
0 - 0.04	7.7A		6.3K	1.3	0.06	0.1			
0.04 - 0.3	7.6A		0.61K	0.8	0.05	0.1			
0.3 - 0.79	7.5A								
0.79 - 2.13	7.6A								
2.13 - 3.17	7.7A								

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			%		
0 - 0.04				0.757D					82D	13	1	2
0.04 - 0.3				0.556D					81D	14	1	2
0.3 - 0.79				0.656D								
0.79 - 2.13				0.505D								
2.13 - 3.17				0.313D								

[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
4A1	pH of 1:5 soil/water suspension
9A_HCL	Total element - P(%) - By boiling HCl
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