Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I321 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Peter Hennig
Date Desc.: 22/05/93
Map Ref.:
Northing/Long.: 6862824 AMG zone: 50
Easting/Lat.: 622297 Datum: AGD84
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: No Data
Drainage: No Data

Geology

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

Landform

Rel/Slope Class: No Data
Morph. Type: No Data
Elem. Type: No Data
Slope: 1 %
Pattern Type: No Data
Relief: 30 metres
Slope Category: No Data
Aspect: No Data

Surface Soil Condition

Erosion

Soil Classification

Australian Soil Classification:
Arenic Rudosol Non-gravelly Sandy Deep
ASC Confidence:
All necessary analytical data are available.
Mapping Unit: N/A
Principal Profile Form: Uc5.21
Great Soil Group: N/A

Site Disturbance

Vegetation

Surface Coarse Fragments

Profile Morphology

A11 0 - 0.05 m Dark reddish brown (2.5YR3/4-Moist); ; Loamy sand; Massive grade of structure; Very weak consistence;
Field pH 6 (pH meter); Abrupt, Smooth change to -

A12 0.05 - 1 m Dark reddish brown (2.5YR3/4-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Very
weak consistence; Field pH 5.5 (pH meter);

Morphological Notes

Observation Notes

Site Notes

Slope previously codes as 10.

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m	Cmol (+)/kg							%
0.01 - 0.05	6.2H	1B	0.67H	0.24	0.14	<0.02	0.02J		1.06D	
0.1 - 0.2	6H	1B	0.5H	0.26	0.16	<0.02	0.09J		0.93D	
0.4 - 0.5	5.7H	1B	0.54H	0.29	0.16	0.03	0.09J		1.02D	

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis			
		Clay						GV	CS	FS	Silt
m	%	%	mg/kg	%	%	%	Mg/m3			%	
0.01 - 0.05		0.17D		130B	0.019E						
0.1 - 0.2		0.09D		110B	0.015E						
0.4 - 0.5		0.08D		95B	0.013E						

Laboratory Analyses Completed for this profile

15_NR_CMR	Exchangeable bases (Ca/Mg ratio) - Not recorded
15E1_AL	Exchangeable Al - by compulsive exchange, no pretreatment for soluble salts
15E1_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) by compulsive exchange, no pretreatment for soluble salts
15E1_K	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_MG	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_MN	Exchangeable bases (Mn2+) by compulsive exchange, no pretreatment for soluble salts
15E1_NA	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15J_BASES	Sum of Bases
15N1_b	Exchangeable sodium percentage (ESP) - Auto calculated from available using Sum of Cations
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7A1	Total nitrogen - semimicro Kjeldahl, steam distillation
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour