

Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I478 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Peter Hennig
Date Desc.: 26/07/93
Map Ref.:
Northing/Long.: 6955780 AMG zone: 50
Easting/Lat.: 794723 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: 0.5 %
Pattern Type: No Data
Relief: 2 metres
Slope Category: No Data
Aspect: No Data

Surface Soil Condition Soft

Erosion

Soil Classification

Australian Soil Classification:
 Haplic Mesotrophic Red Kandosol Medium Non-gravelly Sandy Clay-loamy Deep
Mapping Unit: N/A
Principal Profile Form: Gn1.12
ASC Confidence:
 Analytical data are incomplete but reasonable confidence.
Great Soil Group: N/A

Site Disturbance

Vegetation

Surface Coarse Fragments

Profile Morphology

0 - 0.1 m Dark reddish brown (2.5YR3/4-Moist); ; Clayey sand; Single grain grade of structure;
 Sandy (grains prominent) fabric; Very weak consistence; 2-10%, angular, Quartz, coarse fragments;
 Field pH 6 (pH meter); Clear, Smooth change to -
 0.1 - 0.9 m Dark red (2.5YR3/6-Moist); ; Sandy loam; Single grain grade of structure; Sandy (grains prominent) fabric; Very weak consistence; Field pH 6 (pH meter); Clear, Smooth change to -
 B 0.9 - 1 m Dark red (2.5YR3/6-Moist); ; Clay loam; Weak consistence; 2-10%, angular, Quartz, coarse fragments;
 Field pH 7 (pH meter);

Morphological Notes

Observation Notes

Site Notes

Slope previously codes as 5.

Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I478 **Observation** 1
Agency Name: Agriculture Western Australia

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0.01 - 0.02	5.2H	2B	0.44H	0.16	0.18	<0.02	0.09J		0.79D	
0.02 - 0.05	5H	1B	0.31H	0.09	0.12	<0.02	0.32J		0.53D	
0.1 - 0.2	4.6H	2B	0.08H	<0.02	0.13	0.02	0.68J		0.24D	
0.3 - 0.5	5.3H	2B	0.73H	0.1	0.18	<0.02	<0.02J		1.02D	

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle Size Analysis
-------	-------	---------	--------	-------	-------	-------	------	------------------------

		C Clay	P	P	N	K	Density	GV	CS	FS	Silt
m	%	%	mg/kg	%	%	%	Mg/m3			%	
0.01 - 0.02		0.31D		140B	0.027E				87.5l		2
10.5											
0.02 - 0.05		0.26D		130B	0.019E				85.5l		2
12.5											
0.1 - 0.2		0.19D		110B	0.019E				83.5l		2.5
14											
0.3 - 0.5		0.09D		98B	0.018E				81l		2.5
16.5											

Laboratory Analyses Completed for this profile

15_NR_BSa	Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available
15_NR_CMdR	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
P10_NR_C	Clay (%) - Not recorded
P10_NR_S	Sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded