

Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I104 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Peter Hennig
Date Desc.: 28/10/92
Map Ref.:
Northing/Long.: 6840332 AMG zone: 50
Easting/Lat.: 485408 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: 4 %
Pattern Type: No Data
Relief: 160 metres
Slope Category: No Data
Aspect: No Data

Surface Soil Condition

Cracking, Hardsetting

Erosion

Soil Classification

Australian Soil Classification:
 Paralithic Leptic Rudosol Non-gravelly Loamy Shallow
ASC Confidence:
 All necessary analytical data are available.
Mapping Unit: N/A
Principal Profile Form: Um5.51
Great Soil Group: N/A

Site Disturbance

Vegetation

Surface Coarse Fragments

Profile Morphology

A 0 - 0.25 m Red (2.5YR4/6-Moist); ; Fine sandy loam; Massive grade of structure; Earthy fabric; Very weak
 consistence; 0-2%, angular, , coarse fragments; Field pH 5.5 (Raupach);

C 0.25 - m ;

Morphological Notes

C Banded ironstone

Observation Notes

Site Notes

Slope previously codes as 40.

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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 - 0.01	5.5H	40B	1.81H	0.86	0.53	0.19	<0.02J		3.39D	
0.01 - 0.05	5.3H	43B	4.83H	1.72	0.3	0.2	<0.02J		7.05D	
0.2 - 0.3	6.4H	110B	1.94H	0.87	0.47	0.27	0.03J		3.55D	

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size	Analysis
m	%	Clay %	mg/kg	%	%	%	Mg/m3	GV CS FS	Silt
0 - 0.01				210B	0.052E				
0.01 - 0.05				210B	0.038E				
0.2 - 0.3				200B	0.057E				

Laboratory Analyses Completed for this profile

15_NR_CM	Exchangeable bases (Ca/Mg ratio) - Not recorded
15E1_AL	Exchangeable Al - by compulsive exchange, no pretreatment for soluble salts
15E1_CA	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,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 (Mn ²⁺) 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
7A1	Total nitrogen - semimicro Kjeldahl, steam distillation
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour