

Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I088 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Peter Hennig
Date Desc.: 26/10/92
Map Ref.:
Northing/Long.: 6845861 AMG zone: 50
Easting/Lat.: 573592 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: 2 %
Pattern Type: No Data
Relief: 70 metres
Slope Category: No Data
Aspect: No Data

Surface Soil Condition Firm

Erosion

Soil Classification

Australian Soil Classification:
 Paralithic Leptic Rudosol Non-gravelly Sandy Very shallow
ASC Confidence:
 All necessary analytical data are available.
Mapping Unit: N/A
Principal Profile Form: Uc1.43
Great Soil Group: N/A

Site Disturbance

Vegetation

Surface Coarse Fragments

Profile Morphology

A 0 - 0.2 m Dark red (2.5YR3/6-Moist); ; Clayey coarse sand; Single grain grade of structure; Sandy (grains prominent) fabric; Weak consistence; 10-20%, subangular, Quartz, coarse fragments;
 Field pH 6 (Raupach);
 C 0.2 - m ;

Morphological Notes

C Weathering granite

Observation Notes

Site Notes

Slope previously codes as 20.

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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	6H	3B	0.66H	0.32	0.21	0.07	0.05J		1.26D	
0.01 - 0.05	6.3H	1B	0.6H	0.27	0.19	0.04	0.03J		1.1D	
0.05 - 0.15	6.4H	1B	0.8H	0.4	0.17	0.06	0.05J		1.43D	

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				93B	0.04E			
0.01 - 0.05				76B	0.023E			
0.05 - 0.15				88B	0.021E			

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