

Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I041 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Mark Newell
Date Desc.: 16/09/92
Map Ref.:
Northing/Long.: 6852169 AMG zone: 50
Easting/Lat.: 766946 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: %
Pattern Type: No Data
Relief: No Data
Slope Category: No Data
Aspect: No Data

Surface Soil Condition

Cryptogam surface, Hardsetting

Erosion

Soil Classification

Australian Soil Classification: Dystrophic Duric Red Sodosol Medium Non-gravelly Sandy Clay-loamy Very shallow
Mapping Unit: N/A
Principal Profile Form: Dr1.15
ASC Confidence: All necessary analytical data are available.
Great Soil Group: N/A

Site Disturbance

Vegetation

Surface Coarse Fragments

Profile Morphology

A 0 - 0.1 m Red (2.5YR4/6-Moist); ; Loamy sand; Massive grade of structure; Sandy (grains prominent) fabric; Very weak consistence; Field pH 7 (Raupach); Abrupt, Smooth change to -
 B 0.1 - 0.2 m Dark red (2.5YR3/6-Moist); ; Sandy clay loam; Moderate grade of structure, 5-10 mm, Polyhedral; Rough-ped fabric; Weak consistence; Field pH 7 (Raupach);
 Dm 0.2 - m ; Red-brown hardpan;

Morphological Notes

Observation Notes

Site Notes

Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I041 **Observation** 1
Agency Name: Agriculture Western Australia

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable	Cations	Na	Exchangeable	CEC	ECEC	ESP
m		dS/m		Mg	K	Cmol (+)/kg	Acidity			%
0 - 0.05	7.1H	9B	0.49A	0.06	0.46	0.48		2J	1.49D	24.00
0.15 - 0.2	7.9H	20B	0.66A	0.64	0.59	1.71		2J	3.6D	85.50

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 - 0.05				110B	0.014E				
0.15 - 0.2				120B	0.018E				

Laboratory Analyses Completed for this profile

15_NR_CEC	CEC - meq per 100g of soil - Not recorded
15_NR_CMV	Exchangeable bases (Ca/Mg ratio) - Not recorded
15A1_CA	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,Na ⁺ ,K ⁺) - 1M ammonium chloride at pH 7.0, no pretreatment
for soluble	salts
15A1_K	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,Na ⁺ ,K ⁺) - 1M ammonium chloride at pH 7.0, no pretreatment
for soluble	salts
15A1_MG	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,Na ⁺ ,K ⁺) - 1M ammonium chloride at pH 7.0, no pretreatment
for soluble	salts
15A1_NA	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,Na ⁺ ,K ⁺) - 1M ammonium chloride at pH 7.0, no pretreatment
for soluble	salts
15J_BASES	Sum of Bases
15L1_a	Exchangeable bases Base saturation percentage (BSP) - Auto calculated from available using
Sum of Cations	and measured clay
15N1_a	Exchangeable sodium percentage (ESP) - Auto calculated from available using CEC
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
4B_AL_NR	Aluminium in 1:5 soil/0.01M calcium chloride extract - method not recorded
7A1	Total nitrogen - semimicro Kjeldahl, steam distillation
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour