Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I310 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Peter Hennig
Date Desc.: 20/05/93
Map Ref.:
Northing/Long.: 6838512 AMG zone: 50
Easting/Lat.: 629549 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: 250 metres
Slope Category: No Data
Aspect: No Data

Surface Soil Condition

Firm

Erosion

Soil Classification

Australian Soil Classification:
Haplic Mesotrophic Red Kandosol Medium Non-gravelly Loamy Clay-loamy Shallow
Mapping Unit: N/A
Principal Profile Form: Um5.41
ASC Confidence:
Analytical data are incomplete but reasonable confidence.
Great Soil Group: N/A

Site Disturbance

Vegetation

Surface Coarse Fragments

Profile Morphology

A 0 - 0.1 m Dark reddish brown (2.5YR3/4-Moist); ; Loam; Massive grade of structure; Earthy fabric; Very weak consistence; 20-50%, subangular, Consolidated rock (unidentified), coarse fragments; Field pH 7 (Raupach); Abrupt, Smooth change to -

B 0.1 - 0.25 m Dark reddish brown (2.5YR3/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Very weak consistence; 20-50%, subangular, Consolidated rock (unidentified), coarse fragments; Field pH 8 (Raupach);

C 0.25 - m ;

Morphological Notes

C Gabbro

Observation Notes

Site Notes

Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I310 **Observation** 1
Agency Name: Agriculture Western Australia

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable Acidity	CEC	ECEC	ESP
			Ca	Mg	K	Na				
m		dS/m	Cmol (+)/kg							%
0.01 - 0.05	6.9H	3B	3.96A	2.29	0.2	0.08		6J	6.53D	1.33
0.15 - 0.2	7.5H	3B	7.68A	3.27	0.06	0.11		9J	11.12D	1.22

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

m	%	C Clay %	P mg/kg	P %	N %	K %	Density Mg/m3	GV	CS	FS %	Silt
0.01 - 0.05		0.33D		180B	0.045E						
0.15 - 0.2		0.22D		740B	0.029E						

Laboratory Analyses Completed for this profile

15_NR_CEC	CEC - meq per 100g of soil - Not recorded
15_NR_CMR	Exchangeable bases (Ca/Mg ratio) - Not recorded
15A1_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment for soluble salts
15A1_K	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment for soluble salts
15A1_MG	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment for soluble salts
15A1_NA	Exchangeable bases (Ca2+,Mg2+,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
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7A1	Total nitrogen - semimicro Kjeldahl, steam distillation
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour