Project Name: Sandstone Yalgoo Paynes Find rangeland survey
Project Code: SYP **Site ID:** I294 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Peter Hennig
Date Desc.: 16/05/93
Map Ref.:
Northing/Long.: 6803498 AMG zone: 50
Easting/Lat.: 610134 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: 9 %
Pattern Type: No Data
Relief: 300 metres
Slope Category: No Data
Aspect: No Data

Surface Soil Condition

Firm

Erosion

Soil Classification

Australian Soil Classification:
Paralithic Leptic Rudosol Gravelly Loamy Shallow
ASC Confidence:
All necessary analytical data are available.
Mapping Unit: N/A
Principal Profile Form: Um1.43
Great Soil Group: N/A

Site Disturbance

Vegetation

Surface Coarse Fragments

Profile Morphology

A 0 - 0.3 m Dark reddish brown (2.5YR3/3-Moist); ; Loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 2-10%, rounded, coarse fragments; 10-20%, rounded, coarse fragments; Field pH 7.5 (Raupach);

C 0.3 - m ;

Morphological Notes

C Metamorphic rock

Observation Notes

Site Notes

Slope previously codes as 90.

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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	8.1H	6B	7.01E	6.1	0.97	0.05		15J	14.13D	0.33
0.15 - 0.2	8.6H	8B	10.6E	5.85	0.98	0.1		18J	17.53D	0.56

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis			
								GV	CS	FS	Silt
m	%	Clay %	mg/kg	%	%	%	Mg/m3			%	
0.01 - 0.05		0.63D		130B	0.08E						
0.15 - 0.2		0.65D		130B	0.085E						

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
15C1_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for soluble salts
15C1_K	Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for soluble salts
15C1_MG	Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for soluble salts
15C1_NA	Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5, 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