Project Name: **Sandstone Yalgoo Paynes Find rangeland survey**
Project Code: **SYP** **Site ID:** **I276** **Observation ID:** **1**
Agency Name: **Agriculture Western Australia**

Site Information

Desc. By:	Mark Newell	**Locality:**	
Date Desc.:	08/05/93	**Elevation:**	No Data
Map Ref.:		**Rainfall:**	No Data
Northing/Long.:	6838256 AMG zone: 50	**Runoff:**	No Data
Easting/Lat.:	591100 Datum: AGD84	**Drainage:**	No Data

Geology

ExposureType:	Auger boring	**Conf. Sub. is Parent. Mat.:**	No Data
Geol. Ref.:	No Data	**Substrate Material:**	No Data

Landform

Rel/Slope Class:	No Data	**Pattern Type:**	No Data
Morph. Type:	No Data	**Relief:**	80 metres
Elem. Type:	No Data	**Slope Category:**	No Data
Slope:	12 %	**Aspect:**	No Data

Surface Soil Condition

Loose

Erosion

Soil Classification

Australian Soil Classification:
Arenic Rudosol Non-gravelly Sandy Deep

ASC Confidence:
All necessary analytical data are available.

Mapping Unit: N/A
Principal Profile Form: Uc1.23
Great Soil Group: N/A

Site Disturbance

Vegetation

Surface Coarse Fragments

Profile Morphology

A11 0 - 0.15 m Dark reddish brown (5YR3/4-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; Field pH 6 (Raupach);

A12 0.15 - 1 m Yellowish red (5YR4/6-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moderately moist; Loose consistence; Field pH 6 (Raupach);

Morphological Notes

Observation Notes

Site Notes

Slope previously codes as 120.

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations Ca	Mg	K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0 - 0.15	4.8H	2B	0.04H	<0.02	0.02	<0.02	0.22J		0.08D	
0.2 - 0.3	4.8H	1B	0.07H	<0.02	0.02	<0.02	0.25J		0.11D	

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis GV	CS	FS	Silt
		Clay									
m	%	%	mg/kg	%	%	%	Mg/m3			%	
0 - 0.15		0.15D		43B	0.01E						
0.2 - 0.3		0.18D		43B	0.012E						

Laboratory Analyses Completed for this profile

15_NR_CMR	Exchangeable bases (Ca/Mg ratio) - Not recorded
15E1_AL	Exchangeable Al - by compulsive exchange, no pretreatment for soluble salts
15E1_CA	Exchangeable bases (Ca2+,Mg2+,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 (Mn2+) 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
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7A1	Total nitrogen - semimicro Kjeldahl, steam distillation
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour