

Project Name: FRA
Project Code: FRA **Site ID:** P267 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	L.W. Pym	Locality:	L.D. Sheet 444/80 - Lot 1058:30 chains east from a point 6 chains south of south east corner of lot 1057:
Date Desc.:	26/11/55	Elevation:	264 metres
Map Ref.:	Sheet No. : 2329 1:100000	Rainfall:	0
Northing/Long.:	117.125833333333	Runoff:	Very slow
Easting/Lat.:	-34.3219444444445	Drainage:	Rapidly drained

Geology

Exposure Type:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Soil pit, 0.96 m deep, Sand

Land Form

Rel/Slope Class:	Undulating plains <9m 3-10%	Pattern Type:	Peneplain
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Lunette	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion: Minor or present (wind);

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Paralithic Orthic Tenosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A
All necessary analytical data are available.			

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation:

Mid Strata - Tree, , . *Species includes - None recorded
Tall Strata - Tree, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.08 m	Brown (7.5YR5/4-Moist); ; Sand (Fibric); Single grain grade of structure; Dry; Loose consistence; Field pH 6 (pH meter); Clear, Smooth change to -
A2	0.08 - 0.56 m	Yellowish red (5YR5/8-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; Field pH 6 (pH meter); Gradual, Smooth change to -
A3	0.56 - 0.96 m	Yellowish red (5YR5/8-Moist); , 7.5YR6/4; Sand; Single grain grade of structure; Dry; Loose consistence; Field pH 5.5 (pH meter);

Morphological Notes

Observation Notes

>96CM UNEVEN BOUNDARY TO W'D ROCK LAYER:

Site Notes

HAY

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Laboratory Test Results:

Depth m	pH	1:5 EC dS/m	Ca	Exchangeable Mg	Cations K	Na Cmol (+)/kg	Exchangeable Acidity	CEC	ECEC	ESP %
0 - 0.08	6.1A	0.018C	1.4K	0.3	0.04	0.05	3.5E		5.29B	
0.08 - 0.56	6A	0.009C								
0.56 - 0.96	6.1A	0.018C								

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
15G1_H	Hydrogen Cation - meq per 100g of soil - 1M KCl Exch. Acidity By titration to pH 8.0
15J_H	Sum of Ex. cations + Ex. acidity - Sum of basic exch. cations and exch. (Hydrogen)
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A_TSS	Electrical conductivity or soluble salts - Total soluble salts %
4A1	pH of 1:5 soil/water suspension
5A2	Chloride - 1:5 soil/water extract, automated colour
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7_NR	Total nitrogen (%) - Not recorded
9A_HCL	Total element - P(%) - By boiling HCl