

Project Name: FRA
Project Code: FRA **Site ID:** P261 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	L.W. Pym	Locality:	L.D. Sheet 444/80 - Lot 294:8 chains north from a point - 44 chains east along south boundary from SW. corner:
Date Desc.:	25/11/55	Elevation:	250 metres
Map Ref.:	Sheet No. : 2329 1:100000	Rainfall:	0
Northing/Long.:	117.1775	Runoff:	Moderately rapid
Easting/Lat.:	-34.3	Drainage:	Imperfectly drained

Geology

Exposure Type:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Granite

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Peneplain
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Footslope	Slope Category:	Gently inclined
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Mesotrophic Yellow Chromosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Podzol

Analytical data are incomplete but reasonable confidence.

Site Disturbance: Limited clearing, for example selective logging

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.14 m	Grey (5YR5/1-Moist); ; Loamy sand (Fibric); Weak grade of structure; FragmentDry; Loose consistence; Field pH 5.5 (pH meter); Clear, Smooth change to -
A2	0.19 - 0.43 m	Greyish brown (2.5Y5/2-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; Field pH 6 (pH meter); Clear, Smooth change to -
B1	0.43 - 0.63 m	Light yellowish brown (2.5Y6/4-Moist); , 2.5Y72; Medium clay; Massive grade of structure; Moderately plastic; Normal plasticity; Field pH 6 (pH meter); Gradual, Wavy change to -
B2	0.63 - 0.96 m	(N6/0-Moist); , 10YR56; , 2.5YR44; Medium clay; Massive grade of structure; Moderately plastic; Normal plasticity; 2-10%, Quartz, coarse fragments; Field pH 5 (pH meter);
B3C1	0.96 - 1.29 m	(N6/0-Moist); , 2.5YR48; , 2.5Y76; Medium clay; Massive grade of structure; Moderately plastic; Normal plasticity;

Morphological Notes

Observation Notes

Site Notes

HAY

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[illegible]

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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
3A1	EC of 1:5 soil/water extract
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
P10_PB_C	Clay (%) - Plummet balance
P10_PB_CS	Coarse sand (%) - Plummet balance
P10_PB_FS	Fine sand (%) - Plummet balance
P10_PB_Z	Silt (%) - Plummet balance