

Project Name: WIM
Project Code: WIM **Site ID:** P392 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	W.H. Litchfield	Locality:	Site 363V: L.D. Sheet 2/80 - roadside north west side of block 2009:
Date Desc.:	25/09/58	Elevation:	No Data
Map Ref.:		Rainfall:	0
Northing/Long.:		Runoff:	Slow
Easting/Lat.:		Drainage:	Moderately well drained

Geology

Exposure Type:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Alluvial plain
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Drainage depression	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry): Self-mulching

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Supracalcic Red Dermosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A

Analytical data are incomplete but reasonable confidence.

Site Disturbance:

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.013 m	Dark reddish brown (2.5YR3/4-Moist); Reddish brown (2.5YR4/4-Dry); ; Coarse sandy medium clay (Heavy); Weak grade of structure, Platy; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Very strong consistence;
0.013 - 0.08 m	Dark reddish brown (2.5YR3/4-Moist); Reddish brown (2.5YR4/4-Dry); ; Medium clay; Massive grade of structure; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Very strong consistence; 2-10%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; Few cutans, <10% of ped faces or walls coated, distinct; Few, fine (1-2mm) roots;
0.08 - 0.33 m	Dark red (2.5YR3/6-Moist); Dark red (2.5YR3/6-Dry); ; Medium clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Very strong consistence; Clear change to -
0.33 - 0.63 m	Red (2.5YR4/8-Moist); Red (2.5YR4/8-Dry); ; Medium clay; Rigid consistence;
0.71 - 0.91 m	Red (2.5YR4/6-Moist); Red (2.5YR5/8-Dry); ; Medium clay; Very strong consistence; Very plastic; Normal plasticity; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Nodules;
0.99 - 1.27 m	Red (2.5YR5/6-Moist); Reddish yellow (5YR6/8-Dry); ; Sandy medium clay; Many (20 - 50 %), Calcareous, Medium (2 -6 mm), Nodules;
1.83 - 1.98 m	Light brown (7.5YR6/4-Moist); ; Clayey sand; Many (20 - 50 %), Calcareous, Coarse (6 - 20 mm), Nodules;

Morphological Notes

Observation Notes

8-33CM SHEEN ON CLEAVAGE FACES: >127CM CALCAREOUS WITH GLEYED PATCHES:

Site Notes

MEEKATHARRA

Observation ID: 1

[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
19A1	Carbonates - rapid titration
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