

Project Name: WHL
Project Code: WHL **Site ID:** P395 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	W.H. Litchfield	Locality:	North part of location M517 Melbourne:
Date Desc.:	26/09/58	Elevation:	No Data
Map Ref.:		Rainfall:	0
Northing/Long.:		Runoff:	Moderately rapid
Easting/Lat.:		Drainage:	Imperfectly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Gneiss

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Alluvial fan
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Fan	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

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

Site Disturbance:

Vegetation: Low Strata - Tussock grass, , Sparse. *Species includes - None recorded
Mid Strata - Forb, , Sparse. *Species includes - None recorded
Tall Strata - Shrub, , Very sparse. *Species includes - Acacia aneura

Surface Coarse Fragments: 10-20%, coarse gravelly, 20-60mm, , Quartz

Profile Morphology

	0 - 0.025 m	Dark red (2.5YR3/6-Moist); Red (2.5YR5/6-Dry); ; Medium clay; Very strong consistence; 2-10%, subrounded, Gravel, coarse fragments; Common, very fine (0-1mm) roots;
	0.025 - 0.13 m	Dark red (2.5YR3/6-Moist); Red (2.5YR4/6-Dry); ; Medium clay; Massive grade of structure; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Very strong consistence;
	0.13 - 0.23 m	Dark red (2.5YR3/6-Moist); Red (2.5YR4/6-Dry); ; Medium clay; Weak grade of structure, 5-10 mm, Subangular blocky; Very strong consistence; 2-10%, subrounded, Gravel, coarse fragments; Common, very fine (0-1mm) roots;
m	0.23 - 0.28 m	Red (2.5YR4/6-Dry); ; Rigid consistence; Red-brown hardpan, Strongly cemented, Platy; Abrupt change to -
m	0.28 - 0.33 m	Red (2.5YR4/6-Dry); ; Rigid consistence; Red-brown hardpan, Strongly cemented, Platy; Sharp change to -

Morphological Notes

Observation Notes

FERRUGINIZED GV ALSO SCATTERED ON SURFACE: 23-33CM HARDPAN LAMINATED:

Site Notes

WILUNA

Laboratory Test Results:

[illegible]

Project Name: WHL
Project Code: WHL **Site ID:** P395 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

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
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