

Project Name: BIN
Project Code: BIN Site ID: P72 Observation ID: 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	L.W. Pym	Locality:	2.4KM north-west of location 17971:
Date Desc.:	14/02/51	Elevation:	305 metres
Map Ref.:		Rainfall:	0
Northing/Long.:		Runoff:	Rapid
Easting/Lat.:		Drainage:	Well drained

Geology

ExposureType:	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:	No Data
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	Gently inclined
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Ferric-Petroferric Bleached-Leptic Tenosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	N/A

All necessary analytical data are available.

Site Disturbance: No effective disturbance. Natural

Vegetation:

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

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

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.15 m	Light brownish grey (10YR6/2-Moist); ; Loamy sand (Fibric); Single grain grade of structure; Dry; Loose consistence; 2-10%, fine gravelly, 2-6mm, rounded, Substrate material, coarse fragments; Diffuse, Smooth change to -
A2	0.15 - 0.76 m	Light yellowish brown (10YR6/4-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; 50-90%, cobbly, 60-200mm, Substrate material, coarse fragments; Diffuse change to -
A3C	0.76 - 1.27 m	Pale yellow (2.5Y7/4-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; 50-90%, Substrate material, coarse fragments;
C	1.27 - 1.56 m	;

Morphological Notes

C HEAVY PISOLITIC FERRUGINOUS GRAVEL

Observation Notes

GV THROUGHOUT FERRUGINISED:>96CM C HORIZON PISOLITIC GV STRONGLY CEMENTED WITH FERRUGINOUS MATERIAL:

Site Notes

AVON L.D.

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
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_GRAV	Gravel (%)
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