

Project Name: HAR
Project Code: HAR **Site ID:** P232 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	L.W. Pym	Locality:	South-east corner of C.G.16:
Date Desc.:	06/12/54	Elevation:	15 metres
Map Ref.:	Sheet No. : 2031 1:100000	Rainfall:	0
Northing/Long.:	115.808611111111	Runoff:	Very slow
Easting/Lat.:	-33.0894444444445	Drainage:	Very poorly 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:	Alluvial plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Epipedal Aquic Vertosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Alluvial soil
All necessary analytical data are available.			

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.18 m	Very dark greyish brown (2.5Y3/2-Moist); , 5YR44; Heavy clay; , Prismatic; Rigid consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 5.5 (pH meter); Sharp, Irregular change to -
0.18 - 0.61 m	Yellowish brown (10YR5/6-Moist); , 2.5Y52; Heavy clay; 50-100 mm, Subangular blocky; Very strong consistence; Moderately plastic; Normal plasticity; Field pH 8 (pH meter); Clear, Smooth change to -
0.61 - 0.96 m	Olive grey (5Y5/2-Moist); , 5Y78; Heavy clay; 20-50 mm, Subangular blocky; Moderately plastic; Normal plasticity; Field pH 8 (pH meter);

Morphological Notes

Observation Notes

Site Notes

Project Name: HAR
Project Code: HAR Site ID: P232 Observation ID: 1
Agency Name: CSIRO Division of Soils (WA)

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0 - 0.18	5.9H	0.387A	6.5K	10.2	0.3	1	8.4D			
0.18 - 0.61	7.2H	1.19A	6.5K	15.2	0.1	3.3	0.2D			
0.61 - 0.96	7.8H	1.99A								

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.18		1.18A		0.002F	0.085B	0.03B		1	22C	20	8	47
0.18 - 0.61		0.13A		0.004F	0.019B	0.12B		3	28C	19	5	45
0.61 - 0.96								2				

[illegible]

Project Name: HAR
Project Code: HAR **Site ID:** P232 **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_H	Hydrogen Cation - 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
17A_NR	Total element - K(%) - Not recorded
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A1	EC of 1:5 soil/water extract
4_NR	pH of soil - Not recorded
5A2	Chloride - 1:5 soil/water extract, automated colour
6A1	Organic carbon - Walkley and Black
7_NR	Total nitrogen (%) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_GRAV	Gravel (%)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded