

Project Name: SWV
Project Code: SWV **Site ID:** P181 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	L.W. Pym	Locality:	From roadside middle of Swan Road 27 chains east from junction with west Swan Main Road:
Date Desc.:	18/05/53	Elevation:	9 metres
Map Ref.:	Sheet No. : 2034 1:100000	Rainfall:	0
Northing/Long.:	115.990833333333	Runoff:	Slow
Easting/Lat.:	-31.864722222222	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:	Level plain <9m <1%	Pattern Type:	Alluvial plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	0 %	Aspect:	0 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Eutrophic Brown Chromosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Podzol
All necessary analytical data are available.			

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.05 m	Dark greyish brown (10YR4/2-Moist); ; Loamy sand (Fibric); Moist; Very weak consistence; Diffuse, Smooth change to -
A2	0.05 - 0.3 m	Olive grey (5Y5/2-Moist); , 10YR56; Fine sand; Moist; Very weak consistence; Diffuse, Irregular change to -
B1	0.36 - 0.76 m	Yellowish brown (10YR5/4-Moist); , 10YR43; Sandy medium clay; Moist; Moderately plastic; Normal plasticity; Clear, Smooth change to -
D	0.76 - 1.14 m	Greyish brown (10YR5/2-Moist); , 10YR56; , 2.5YR48; Medium clay; Moist; Moderately plastic; Normal plasticity;

Morphological Notes

Observation Notes

Site Notes

SOUTH-WEST LD

Laboratory Test Results:

[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
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