Project Name: SWV

Project Code: SWV Site ID: P169 Observation ID: 1

Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By: L.W. Pym Locality: Side of road near railway line 2.5 chains south of

north east corner ofLot 129:

Date Desc.: 28/04/53 **Elevation:** 18 metres

 Map Ref.:
 Sheet No.: 2134
 1:100000
 Rainfall:
 0

 Northing/Long.:
 116.0261111111111
 Runoff:
 Rapid

Easting/Lat.: -31.8261111111111 Drainage: Rapidly drained

Geology

 ExposureType:
 Soil pit
 Conf. Sub. is Parent. Mat.:
 No Data

 Geol. Ref.:
 No Data
 Substrate Material:
 Sand

Land Form

Rel/Slope Class:No DataPattern Type:Low hillsMorph. Type:FlatRelief:No DataElem. Type:HillcrestSlope Category:LevelSlope:0 %Aspect:No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:Mapping Unit:N/ABasic Regolithic Bleached TenosolPrincipal Profile Form:N/AASC Confidence:Great Soil Group:Podzol

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 - 0.1 m Grey (5Y6/1-Moist); ; Sand (Fibric); Single grain grade of structure; Dry; Loose consistence; Diffuse, Irregular change to
A2 0.1 - 0.33 m Light grey (10YR7/2-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; Diffuse, Smooth change to
A3 0.33 - 0.58 m Pale yellow (2.5Y8/4-Moist); , 2.5Y86; Sand; Single grain grade of structure; Dry; Loose consistence; Diffuse, Smooth change to -

0.58 - 1.22 m Yellow (2.5Y8/6-Moist); , 10YR56; Sand; Single grain grade of structure; Dry; Loose

Morphological Notes

Observation Notes

Site Notes

SOUTH-WEST LD

Site ID: P169 Observation ID: 1

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Project Code: SWV Site ID: P1
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Laboratory Test Results:

Depth	рН	1:5 EC		hangeable	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K.	Cmol (+				%
0 - 0.1 0.1 - 0.33 0.33 - 0.58 0.58 - 1.22	5.8A 5.8A 6.2A 6.3A		1.3K	0.1	0.02	0.06				
Depth m	CaCO3	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Parti GV (cle Size	Analysis Silt Clay
0 - 0.1 0.1 - 0.33 0.33 - 0.58 0.58 - 1.22			3 3				J.			
Depth	COLE		Gravimetric/Volumetric Water Contents						K sat	K unsat
•		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar 15	Bar		

g/g - m3/m3

mm/h

mm/h

0 - 0.1 0.1 - 0.33 0.33 - 0.58 0.58 - 1.22

m

SWV **Project Name:**

SWV Site ID: P169 Observation ID: 1

Project Code: Agency Name: **CSIRO** Division of Soils (WA)

Laboratory Analyses Completed for this profile

Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded Exch. basic cations (K++) - meq per 100g of soil - Not recorded Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded Exch. basic cations (Na++) - meq per 100g of soil - Not recorded Loss on Ignition (%) 15_NR_CA 15_NR_K 15_NR_MG 15_NR_NA

2_LOI 2A1 4A1 Air-dry moisture content pH of 1:5 soil/water suspension