

Project Name: NST
Project Code: NST **Site ID:** P122 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	T.R. Poutsma	Locality:	Between Gnowangerup Road and Road No.7134:near intersection:
Date Desc.:	12/06/52	Elevation:	No Data
Map Ref.:	Sheet No. : 2529 1:100000	Rainfall:	360
Northing/Long.:	118.069444444445	Runoff:	Rapid
Easting/Lat.:	-34.260555555556	Drainage:	Imperfectly drained

Geology

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

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Peneplain
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Gently inclined
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Red Chromosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A
No analytical data and little or no knowledge of this soil.			

Site Disturbance:

Vegetation: Low Strata - , , Very sparse. *Species includes - None recorded
Mid Strata - Tree, , Sparse. *Species includes - None recorded
Tall Strata - Tree, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.15 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Massive grade of structure; Loose consistence; 2-10%, Igneous rock (unidentified), coarse fragments; Diffuse, Irregular change to -
A2	0.15 - 0.36 m	Strong brown (7.5YR5/6-Moist); ; Loamy sand; Massive grade of structure; Loose consistence; 20-50%, Gravel, coarse fragments; Clear, Irregular change to -
B1	0.36 - 0.41 m	Light brown (7.5YR6/4-Moist); ; Sandy medium clay; Weak consistence; 20-50%, Gravel, coarse fragments; Diffuse change to -
B2	0.41 - 0.56 m	Reddish brown (5YR5/4-Moist); ; Heavy clay; Weak consistence; 20-50%, Gravel, coarse fragments; Diffuse, Irregular change to -
B3	0.56 - 0.69 m	Light brownish grey (10YR6/2-Moist); , 2.5YR36; Heavy clay; Moist; Weak consistence; 20-50%, Gravel, coarse fragments;

Morphological Notes

Observation Notes

COARSE FRACTION IS NUMEROUS WEATHERED ACID ROCKS AND STONES:

Site Notes

PLANTAGENET LD

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		
						Cmol (+)/kg			%

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			%		

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		
m					g/g -	m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile