

Project Name: BUD
Project Code: BUD **Site ID:** P640 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	E. Bettenay	Locality:	East side of Bloodwood Road:
Date Desc.:	07/08/69	Elevation:	549 metres
Map Ref.:	Sheet No. : 2849 1:100000	Rainfall:	230
Northing/Long.:	119.633333333333	Runoff:	Rapid
Easting/Lat.:	-24.05	Drainage:	Well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Dolerite

Land Form

Rel/Slope Class:	Rolling plains <9m 10-32%	Pattern Type:	Pediplain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Pediment	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Lithic Leptic Calcarosol	Principal Profile Form:	Gc1.12
ASC Confidence:	Great Soil Group:	Red calcareous 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: 10-20%, , , Dolerite

Profile Morphology

A	0 - 0.025 m	Brown (7.5YR4/4-Moist); Brown (7.5YR5/4-Dry); ; Sandy loam; 10-20 mm, Subangular blocky; Dry; Very weak consistence; Few (2 - 10 %), Calcareous, , Laminae; Field pH 9 (pH meter); Clear change to -
BC	0.025 - 0.05 m	Strong brown (7.5YR5/6-Moist); Light brown (7.5YR6/4-Dry); ; Sandy clay loam (Light); , Platy; Dry; Very weak consistence; Common (10 - 20 %), Calcareous, , Soft segregations; Field pH 9 (pH meter); Diffuse change to -
BC	0.05 - 0.1 m	Reddish brown (5YR5/4-Moist); ; Sandy clay loam (Light); , Platy; Dry; Very weak consistence; Common (10 - 20 %), Calcareous, , Soft segregations; Field pH 9 (pH meter); Diffuse change to -
BC	0.1 - 0.2 m	Reddish brown (5YR5/4-Moist); ; Fine sandy clay loam; Field pH 9.5 (pH meter); Diffuse change to -
BC	0.2 - 0.3 m	; Diffuse change to -

Morphological Notes

BC W'd rock with lime skin:hard kernels in onion skin rock:

Observation Notes

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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