Project Name: BUD
Project Code: BUD **Site ID:** P637 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By: E. Bettenay
Date Desc.: 07/08/68
Map Ref.: Sheet No. : 2849 1:100000
Northing/Long.: 119.633333333333
Easting/Lat.: -24.1166666666667
Locality:
Elevation: 610 metres
Rainfall: 230
Runoff: Rapid
Drainage: Imperfectly drained

Geology

ExposureType: Soil pit
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Unconsolidated material (unidentified)

Land Form

Rel/Slope Class: No Data
Morph. Type: Flat
Elem. Type: Pediment
Slope: 0 %
Pattern Type: Pediplain
Relief: No Data
Slope Category: Gently inclined
Aspect: 270 degrees

Surface Soil Condition (dry): Surface crust

Erosion:

Soil Classification

Australian Soil Classification:
Basic Ferric Orthic Tenosol
ASC Confidence:
No analytical data and little or no knowledge of this soil.
Mapping Unit: N/A
Principal Profile Form: Um5.3
Great Soil Group: Desert loam

Site Disturbance:

Vegetation:

Tall Strata - Tree, , Sparse. *Species includes - Acacia species

Surface Coarse Fragments: 10-20%, medium gravelly, 6-20mm, , Substrate material

Profile Morphology

A	0 - 0.025 m	Red (2.5YR4/6-Moist); Red (2.5YR5/6-Dry); ; Sandy loam; Weak grade of structure, 2-5 mm, Platy; Earthy fabric; Dry; Very weak consistence; 20-50%, fine gravelly, 2-6mm, Substrate material, coarse fragments; Field pH 5 (pH meter); Diffuse change to -
	0.025 - 0.05 m	Red (2.5YR4/8-Moist); Red (2.5YR5/8-Dry); ; Sandy loam; Massive grade of structure; Earthy fabric; Very weak consistence; 20-50%, fine gravelly, 2-6mm, Substrate material, coarse fragments; Field pH 5 (pH meter); Diffuse change to -
	0.05 - 0.1 m	Red (2.5YR4/8-Moist); Red (2.5YR5/8-Dry); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Very weak consistence; 20-50%, Gravel, coarse fragments; Field pH 6 (pH meter); Diffuse change to -
B	0.1 - 0.2 m	Red (2.5YR4/6-Moist); Red (2.5YR5/6-Dry); ; Sandy clay loam; Weak grade of structure, 2-5 mm, Subangular blocky; Dry; Weak consistence; 20-50%, Gravel, coarse fragments; Field pH 6 (pH meter); FewDiffuse change to -
	0.2 - 0.3 m	Red (2.5YR4/8-Moist); Red (2.5YR4/6-Dry); ; Clay loam; Weak grade of structure, 2-5 mm, Subangular blocky; 20-50%, Gravel, coarse fragments; Field pH 5.5 (pH meter); Sharp change to -
D	0.33 - 0.4 m	;

Morphological Notes

D Red and white flat lying shale - (2MM bands):

Observation Notes

0-5CM AL GV IS FERRUGINOUS: 5-30CM <10% SHALE GRAVEL ALSO:

Site Notes

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Laboratory Test Results:

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

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle Size Analysis				
		C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	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