

Project Name: BUD
Project Code: BUD **Site ID:** P635 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	H.M. Churchwood	Locality:	1.8KM north of Bloodwood Well of east side of road:
Date Desc.:	06/08/69	Elevation:	610 metres
Map Ref.:	Sheet No. : 2235 1:100000	Rainfall:	230
Northing/Long.:	119.666666666667	Runoff:	Slow
Easting/Lat.:	-24.116666666667	Drainage:	Imperfectly 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:	No Data	Pattern Type:	Alluvial fan
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Fan	Slope Category:	Gently inclined
Slope:	0 %	Aspect:	180 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic Duric Orthic Tenosol	Principal Profile Form:	Um5.3
ASC Confidence:	Great Soil Group:	Desert loam

No analytical data and little or no knowledge of this soil.

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded
Mid Strata - Chenopod shrub, , . *Species includes - None recorded

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.025 m	Red (2.5YR4/6-Moist); Red (2.5YR5/8-Dry); ; Clay loam; 2-5 mm; FragmentDry; Weak consistence; Field pH 5 (pH meter); Clear change to -
	0.025 - 0.05 m	Red (2.5YR4/6-Moist); Red (2.5YR5/8-Dry); ; Clay loam; Earthy fabric; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Weak consistence; 20-50%, fine gravelly, 2-6mm, Gravel, coarse fragments; Field pH 5 (pH meter); Diffuse change to -
B	0.05 - 0.1 m	Weak red (10R4/4-Moist); Red (2.5YR5/8-Dry); ; Clay loam; Earthy fabric; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Dry; 20-50%, fine gravelly, 2-6mm, Gravel, coarse fragments; Field pH 5 (pH meter); Diffuse change to -
	0.1 - 0.2 m	Dark red (2.5YR3/6-Moist); Red (2.5YR4/8-Dry); ; Light clay; Weak grade of structure, 2-5 mm, Subangular blocky; Earthy fabric; Field pH 4.5 (pH meter); Clear, Wavy change to -
xm	0.2 - 0.25 m	Red (10R4/6-Moist); Weak red (10R4/4-Dry); ; 5-10 mm, Platy; Duripan, Strongly cemented, Vesicular; Field pH 5.5 (pH meter);

Morphological Notes

Observation Notes

IRREGULAR FRACTURE FACES:

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

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Laboratory Analyses Completed for this profile