

**Project Name:** BOB  
**Project Code:** BOB      **Site ID:** B514      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

<b>Desc. By:</b>	R. Paton	<b>Locality:</b>	
<b>Date Desc.:</b>	07/11/63	<b>Elevation:</b>	76 metres
<b>Map Ref.:</b>	Sheet No. : 9442 1:100000	<b>Rainfall:</b>	864
<b>Northing/Long.:</b>	152.809444444445	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-27.926666666667	<b>Drainage:</b>	Moderately well drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	Jm	<b>Substrate Material:</b>	Soil pit, 0.84 m deep,Sandstone

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	No Data
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	61 metres
<b>Elem. Type:</b>	No Data	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Hardsetting

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Mottled Natric Grey Kurosol	<b>Principal Profile Form:</b>	Dy3.41
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Soloth
No analytical data are available but confidence is fair.		

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

**Vegetation:**

Tall Strata - Tree, 12.01-20m, Sparse. \*Species includes - None Recorded

**Surface Coarse Fragments:** No surface coarse fragments

**Profile Morphology**

A1	0 - 0.06 m	Dark brown (7.5YR3/2-Moist); ; Loamy sand; Weak grade of structure, 10-20 mm, Granular; Dry; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 6.2 (pH meter); Many, fine (1-2mm) roots; Clear change to -
A21	0.06 - 0.23 m	Very pale brown (10YR7/3-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 6.2 (pH meter); Few, fine (1-2mm) roots; Gradual change to -
A22	0.23 - 0.43 m	Pink (5YR8/4-Moist); ; Sand; Single grain grade of structure; Dry; Very weak consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 6.6 (pH meter); Few, fine (1-2mm) roots; Sharp change to -
B2	0.43 - 0.84 m	Light brownish grey (2.5Y6/2-Moist); , 10R46, 20-50% , 30-mm, Prominent; , 7.5YR68, 20-50% , 30-mm, Prominent; Heavy clay; Moderate grade of structure, 50-100 mm, Prismatic; Moderate grade of structure, 10-20 mm, Angular blocky; Dry; Very strong consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 5.4 (pH meter); Few, fine (1-2mm) roots; Clear change to -
C	0.84 - 0.94 m	; Field pH 5.4 (pH meter);

**Morphological Notes**

C VPB(10YR8/3) & RY(7.5YR7/8) weathered sandstone.

**Observation Notes**

0-6CM POROUS GRANULAR STRUCTURE.

**Site Notes**

WYARALONG

**Observation ID: 1**

**Laboratory Test Results:**

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				cmol (+)/kg				%
0 - 0.06	6.2H	0.02B								
0.06 - 0.23	6.2H	0.01B								
0.23 - 0.43	6.6H	0.01B								
0.43 - 0.84	5.4H	0.03B								
0.84 - 0.94	5.4H	0.03B								

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**Laboratory Analyses Completed for this profile**

2A1	Air-dry moisture content
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
9_NR	Available P (mg/kg) - Not recorded
9A_NR	Total element - P(%) - Not recorded