

Project Name: WQA
Project Code: WQA **Site ID:** B624 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	01/09/69	Elevation:	No Data
Map Ref.:	Sheet No. : 7447 1:100000	Rainfall:	278
Northing/Long.:	142.830555555556	Runoff:	Moderately rapid
Easting/Lat.:	-25.547222222222	Drainage:	Moderately well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qs	Substrate Material:	Auger boring, Unconsolidated material (unidentified)

Land Form

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

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol		Principal Profile Form:	Gn2.13
ASC Confidence:		Great Soil Group:	Red earth

No analytical data are available but confidence is fair.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, , Sparse. *Species includes - Aristida species
Tall Strata - Tree, 3.01-6m, Very sparse. *Species includes - Acacia aneura, Eucalyptus polycarpa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Dark red (2.5YR3/6-Moist); Red (2.5YR5/6-Dry); ; Loamy sand; Massive grade of structure; Few (<1 per 0.01m2) Coarse (>5mm) macropores, Dry; Weak consistence;
	0.1 - 0.2 m	Dark red (2.5YR3/6-Moist); Red (2.5YR4/6-Dry); ; Loamy sand (Heavy); Massive grade of structure; Few (<1 per 0.01m2) Coarse (>5mm) macropores, Weak consistence;
	0.2 - 0.3 m	Dark red (2.5YR3/6-Moist); ; Loamy sand (Heavy); Massive grade of structure; Earthy fabric; Weak consistence;
	0.3 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
	0.6 - 0.75 m	Dark red (2.5YR3/6-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Weak consistence;
	0.75 - 0.9 m	Red (10R4/6-Dry); ; Sandy medium clay (Light); Massive grade of structure; Earthy fabric; Weak consistence;
	0.9 - 1.2 m	Red (10R4/6-Dry); ; Sandy medium clay; Massive grade of structure; Earthy fabric; Firm consistence;
	1.2 - 1.35 m	Red (10R4/6-Dry); ; Sandy medium clay; Massive grade of structure; Earthy fabric; Firm consistence;
	1.35 - 1.5 m	Red (2.5YR4/6-Moist); ; Sandy clay loam; Massive grade of structure; Firm consistence;
	1.5 - 1.8 m	Red (2.5YR4/6-Moist); ; Sandy clay loam; Massive grade of structure; Firm consistence;
	1.8 - 2 m	Red (10R4/6-Dry); , 10YR72, 20-50% , 0-5mm, Prominent; , 20-50% , 0-5mm, Prominent; Sandy clay loam; Massive grade of structure; Firm consistence; 2-10%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments;

Morphological Notes

Observation Notes

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Site Notes

MOOTHANDELLA

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[illegible]

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Laboratory Analyses Completed for this profile

10A_NR	Total element - S(%) - Not recorded
17A_NR	Total element - K(%) - Not recorded
19B_NR	Calcium Carbonate (CaCO ₃) - Not recorded
2_LOI	Loss on Ignition (%)
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
6A1	Organic carbon - Walkley and Black
7_NR	Total nitrogen (%) - Not recorded
9A_NR	Total element - P(%) - Not recorded
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H ₂ SO ₄ (BSES)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded