

Project Name: WQR
Project Code: WQR **Site ID:** B132 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	01/07/51	Elevation:	85 metres
Map Ref.:	Sheet No. : 6859 1:100000	Rainfall:	510
Northing/Long.:	139.894444444444	Runoff:	Slow
Easting/Lat.:	-19.2333333333333	Drainage:	Well drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Auger boring, 2 m deep, Porous, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Alluvial plain
Morph. Type:	No Data	Relief:	5 metres
Elem. Type:	Plain	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 Brown Kandosol		Principal Profile Form:	Gn2.12
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, , Very sparse. *Species includes - Aristida species
Mid Strata - Shrub, , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.23 m	Reddish brown (5YR5/4-Moist); ; Silty loam; Weak grade of structure, Platy; Earthy fabric; Dry; Weak consistence; Field pH 6.3 (pH meter); Gradual change to -
A12	0.23 - 0.38 m	Red (2.5YR4/5-Moist); ; Clay loam (Light); Massive grade of structure; Earthy fabric; Dry; Weak consistence; Field pH 6.5 (pH meter); Gradual change to -
B2	0.38 - 0.91 m	Dark yellowish brown (10YR4/6-Moist); ; Light medium clay; Weak grade of structure, 5-10 mm, Angular blocky; Earthy fabric; Dry; Weak consistence; Field pH 6.5 (pH meter); Gradual change to -
B2	0.91 - 1.17 m	Red (2.5YR4/6-Moist); ; Light clay; Weak grade of structure, 5-10 mm, Angular blocky; Earthy fabric; Dry; Weak consistence; 0-2%, fine gravelly, 2-6mm, coarse fragments; Field pH 7.4 (pH meter);

Morphological Notes

Observation Notes

Site Notes

KAMILEROI

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[illegible]

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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