

Project Name: WQR
Project Code: WQR **Site ID:** B124 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	22 miles from Kyabra
Date Desc.:	21/06/51	Elevation:	190 metres
Map Ref.:	Sheet No. : 7544 1:100000	Rainfall:	300
Northing/Long.:	143.116666666667	Runoff:	Slow
Easting/Lat.:	-26.533333333333	Drainage:	Moderately well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qa	Substrate Material:	Auger boring, 1 m deep, Porous, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	No Data
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 Hypocalcic Red Kandosol	Principal Profile Form:	Gn2.13
ASC Confidence:	Great Soil Group:	Calcareous red earth
All necessary analytical data are available.		

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

Vegetation: Low Strata - Tussock grass, , Mid-dense. *Species includes - Aristida species
Tall Strata - Shrub, , Isolated clumps. *Species includes - Acacia aneura

Surface Coarse Fragments: 2-10%, , , Substrate material

Profile Morphology

A11	0 - 0.15 m	Red (2.5YR5/7-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, Substrate material, coarse fragments; Field pH 5.5 (pH meter); Gradual change to -
A12	0.15 - 0.45 m	Red (2.5YR5/7-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 10-20%, Substrate material, coarse fragments; Field pH 5.9 (pH meter); Gradual change to -
B21	0.45 - 0.67 m	Red (10R4/6-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, Substrate material, coarse fragments; Field pH 7.6 (pH meter); Diffuse change to -
B22	0.67 - 0.91 m	Red (2.5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 10-20%, Substrate material, coarse fragments; Very few (0 - 2 %), Calcareous, , Concretions; Field pH 8.1 (pH meter);

Morphological Notes

Observation Notes

Site Notes

KYABRA

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[illegible]

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Laboratory Analyses Completed for this profile

15_NR	Sum of Ex. cations + Ex. acidity - Not recorded
15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_H	Hydrogen Cation - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - 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
6Z	Organic carbon (%) - Not recorded
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_GRAV	Gravel (%)
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