

Project Name: WQA
Project Code: WQA **Site ID:** B632 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	01/09/69	Elevation:	225 metres
Map Ref.:	Sheet No. : 7744 1:1000	Rainfall:	345
Northing/Long.:	144.008333333333	Runoff:	Moderately rapid
Easting/Lat.:	-26.65	Drainage:	Well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Kw	Substrate Material:	Auger boring, 0.55 m deep, No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Pediment
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Pediment	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion: Very severe (wind);

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol	Principal Profile Form:	Gn2.12
ASC Confidence:	Great Soil Group:	Red earth
All necessary analytical data are available.		

Site Disturbance:

Vegetation:

Mid Strata - Shrub, , . *Species includes - Eremophila mitchellii, Acacia victoriae
Tall Strata - Tree, 3.01-6m, Very sparse. *Species includes - Acacia aneura, Acacia cambagei

Surface Coarse Fragments: 2-10%, medium gravelly, 6-20mm, , Quartz

Profile Morphology

A11	0 - 0.1 m	Red (2.5YR4/5-Moist); Red (2.5YR5/5-Dry); ; Fine sandy loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, medium gravelly, 6-20mm, Gravel, coarse fragments; Gradual change to -
A12	0.1 - 0.2 m	Reddish brown (2.5YR4/4-Moist); ; Fine sandy loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, medium gravelly, 6-20mm, rounded, Substrate material, coarse fragments; Gradual change to -
B2	0.2 - 0.3 m	Reddish brown (2.5YR4/4-Moist); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 2-10%, medium gravelly, 6-20mm, rounded, Substrate material, coarse fragments; Gradual change to -
B2	0.3 - 0.55 m	Dark red (2.5YR3/6-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Dry; Very firm consistence; 10-20%, medium gravelly, 6-20mm, rounded, Substrate material, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

QUILPIE

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[illegible]

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Laboratory Analyses Completed for this profile

10A_NR	Total element - S(%) - 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
17A_NR	Total element - K(%) - 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 H2SO4 (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
XRD_C_II	Illite - X-Ray Diffraction
XRD_C_Is	Interstratified clay minerals - X-Ray Diffraction
XRD_C_Ka	Kaolin - X-Ray Diffraction
XRD_C_Qz	Quartz - X-Ray Diffraction