

Project Name: WQR
Project Code: WQR **Site ID:** B126 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	22/07/51	Elevation:	164 metres
Map Ref.:	Sheet No. : 7545 1:100000	Rainfall:	300
Northing/Long.:	143.466666666667	Runoff:	Slow
Easting/Lat.:	-26.1	Drainage:	Imperfectly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qa	Substrate Material:	Auger boring, 0.81 m deep,Porous, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Alluvial plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry): Self-mulching

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Episodic Self-Mulching Red Vertosol		Principal Profile Form:	Ug5.37
ASC Confidence:		Great Soil Group:	Brown clay

Analytical data are incomplete but reasonable confidence.

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

Vegetation:

Tall Strata - Tussock grass, <0.25m, Mid-dense. *Species includes - Astrebla species

Surface Coarse Fragments: 0-2%, medium gravelly, 6-20mm, , Substrate material

Profile Morphology

AB	0 - 0.2 m	Reddish brown (5YR4/4-Moist); ; Medium clay; Strong grade of structure, Granular; Dry; Firm consistence; Very few (0 - 2 %), Gypseous, , Crystals; Field pH 7.6 (pH meter); Gradual change to -
B2	0.25 - 0.46 m	Reddish brown (5YR4/4-Moist); ; Medium clay; Moderate grade of structure, Angular blocky; Moderately moist; Firm consistence; Very few (0 - 2 %), Gypseous, , Crystals; Field pH 6.9 (pH meter); Gradual change to -
B2	0.46 - 0.76 m	Brown (10YR5/3-Moist); , 7.5YR56; Medium clay; Moderate grade of structure, Angular blocky; Moderately moist; Firm consistence; Very few (0 - 2 %), Gypseous, , Crystals; Field pH 6.4 (pH meter); Gradual change to -
C	0.81 - 1.07 m	Very pale brown (10YR8/3-Moist); ; Clay loam; Massive grade of structure; Moderately moist; Weak consistence; 20-50%, Substrate material, coarse fragments; Field pH 6.7 (pH meter);

Morphological Notes

Observation Notes

0-20CM GRANULAR GRADING TO BLOCKY STRUCTURE

Site Notes

THYLUNGRA

Observation ID: 1

[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
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