

Project Name: WQR
Project Code: WQR **Site ID:** B128 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	32.6 miles from Windorah on Longreach road:near Moyan
Date Desc.:	24/06/51	Elevation:	140 metres
Map Ref.:	Sheet No. : 7446 1:100000	Rainfall:	300
Northing/Long.:	142.866666666667	Runoff:	Slow
Easting/Lat.:	-25.1	Drainage:	Imperfectly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qa	Substrate Material:	Auger boring, 2 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): Self-mulching

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Endocalcareous-Endohypersodic Self-Mulching Brown Vertisol	Principal Profile Form:	Ug5.24
ASC Confidence:	Great Soil Group:	Brown clay
No analytical data are available but confidence is fair.		

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

Vegetation:

Tall Strata - Tussock grass, 0.26-0.5m, Mid-dense. *Species includes - *Astrebla* species

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

AB	0 - 0.08 m	Brown (10YR5/3-Moist); ; Heavy clay; Strong grade of structure, Granular; Dry; Firm consistence; 2-10%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Field pH 7.8 (pH meter); Clear change to -
B2	0.08 - 0.36 m	Brown (10YR5/3-Moist); ; Heavy clay; Moderate grade of structure, Angular blocky; Dry; Firm consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Field pH 6.9 (pH meter); Gradual change to -
B2	0.36 - 0.76 m	Brown (7.5YR5/4-Moist); ; Heavy clay; Moderate grade of structure, Lenticular; Moderately moist; Firm consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Field pH 6.4 (pH meter); Gradual change to -
B2	0.76 - 0.91 m	Brown (7.5YR5/4-Moist); ; Heavy clay; Moderate grade of structure, Lenticular; Moderately moist; Firm consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Very few (0 - 2 %), Calcareous, , Soft segregations; Very few (0 - 2 %), Gypseous, , Crystals; Field pH 6.6 (pH meter); Gradual change to -
B2	0.91 - 1.17 m	Reddish yellow (7.5YR6/6-Moist); ; Heavy clay; Moderate grade of structure, Lenticular; Moderately moist; Weak consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Very few (0 - 2 %), Calcareous, , Soft segregations; Few (2 - 10 %), Gypseous, , Crystals; Field pH 6.6 (pH meter);

Morphological Notes

Observation Notes

0-8CM GRANULAR GRADING TO BLOCKY STRUCTURE

Site Notes

WINDORAH

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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
9_NR	Available P (mg/kg) - Not recorded