

**Project Name:** WQR  
**Project Code:** WQR      **Site ID:** B430      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

<b>Desc. By:</b>	Edye, Les	<b>Locality:</b>	
<b>Date Desc.:</b>	01/08/53	<b>Elevation:</b>	61 metres
<b>Map Ref.:</b>	Sheet No. : 6846 1:100000	<b>Rainfall:</b>	147
<b>Northing/Long.:</b>	139.991666666667	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	-25.654166666667	<b>Drainage:</b>	Moderately well drained

**Geology**

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

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Surface crust

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Eutrophic Brown Chromosol		<b>Principal Profile Form:</b>	Db0.22
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Desert loam
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, Very sparse. \*Species includes - Sporobolus actinocladius

**Surface Coarse Fragments:** 90-100%, medium gravelly, 6-20mm, , Detrital sedimentary rock (unidentified)

**Profile Morphology**

A1	0 - 0.05 m	Pink (7.5YR7/4-Dry); ; Sandy loam; Massive grade of structure; Dry; Weak consistence; 50-90%, medium gravelly, 6-20mm, rounded, Quartz, coarse fragments; Field pH 6.7 (pH meter); Clear change to -
A2	0.05 - 0.18 m	Reddish yellow (5YR6/6-Dry); ; Sandy loam; Massive grade of structure; Dry; Weak consistence; 0-2%, coarse fragments; Field pH 6.9 (pH meter); Abrupt change to -
B2	0.18 - 0.36 m	Strong brown (7.5YR5/8-Dry); ; Light clay; Moderate grade of structure, Angular blocky; Dry; Firm consistence; 0-2%, coarse fragments; Very few (0 - 2 %), Gypseous, , Crystals; Field pH 6.9 (pH meter); Gradual change to -
B2	0.36 - 0.69 m	Strong brown (7.5YR5/8-Dry); ; Light clay; Moderate grade of structure, Angular blocky; Dry; Firm consistence; Few (2 - 10 %), Gypseous, , Crystals; Field pH 6.2 (pH meter); Diffuse
B2	0.69 - 0.99 m	Strong brown (7.5YR5/8-Dry); ; Light clay; Moderate grade of structure, Angular blocky; Dry; Firm consistence; Few (2 - 10 %), Gypseous, , Crystals; Field pH 6 (pH meter); Diffuse change
B2	0.99 - 1.3 m	Strong brown (7.5YR5/8-Dry); ; Light clay; Moderate grade of structure, Angular blocky; Dry; Firm consistence; Few (2 - 10 %), Gypseous, , Crystals; Field pH 6 (pH meter); Diffuse change
B3	1.47 - 1.73 m	Pinkish yellow (7.5YR8/2-Dry); ; Light clay; Weak grade of structure, Angular blocky; Dry; Firm consistence; Many (20 - 50 %), Gypseous, , Crystals; Field pH 6.5 (pH meter); Diffuse change
B3	1.73 - 2.03 m	Pink (7.5YR8/4-Dry); ; Light clay; Weak grade of structure, Angular blocky; Dry; Firm consistence; Many (20 - 50 %), Gypseous, , Crystals; Field pH 6.1 (pH meter);

**Morphological Notes**

**Observation Notes**

COMPLETE SURFACE COVER OF GRAVEL FORMING HIGHLY POLISHED GRAVEL "PAVEMENT".

**Site Notes**

DURRIE

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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
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_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