

**Project Name:** WQR  
**Project Code:** WQR      **Site ID:** B127      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

<b>Desc. By:</b>	G.D. Hubble	<b>Locality:</b>	
<b>Date Desc.:</b>	22/06/51	<b>Elevation:</b>	160 metres
<b>Map Ref.:</b>	Sheet No. : 7545    1:100000	<b>Rainfall:</b>	300
<b>Northing/Long.:</b>	143.416666666667	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	-26.083333333334	<b>Drainage:</b>	Moderately well drained

**Geology**

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

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Alluvial plain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	3 metres
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

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

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Hypocalcic Red Kandosol		<b>Principal Profile Form:</b>	Gn2.13
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	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 - None recorded  
Mid Strata - Shrub, , . \*Species includes - None recorded  
Tall Strata - Tree, 3.01-6m, Mid-dense. \*Species includes - Acacia aneura, Grevillea striata, Eucalyptus species

**Surface Coarse Fragments:** No surface coarse fragments

**Profile Morphology**

A1	0 - 0.25 m	Red (2.5YR4/6-Moist); ; Clay loam (Light); Massive grade of structure; Dry; Weak consistence; Field pH 6.5 (pH meter); Gradual change to -
B21	0.25 - 0.51 m	Weak red (10R4/4-Moist); ; Light clay; Massive grade of structure; Moderately moist; Very weak consistence; Field pH 6.9 (pH meter); Gradual change to -
B22	0.51 - 0.91 m	Reddish yellow (7.5YR7/6-Moist); ; Clay loam; Massive grade of structure; Moderately moist; Very weak consistence; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Concretions;

**Morphological Notes**

**Observation Notes**

**Site Notes**

THYLUNGRA

**Laboratory Test Results:**

[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
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