

Project Name: FGR
Project Code: FGR **Site ID:** TL30 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	J.R. Sleeman	Locality:	2km south-east of Strathmore Homestead.
Date Desc.:	06/08/53	Elevation:	90 metres
Map Ref.:		Rainfall:	736
Northing/Long.:	142.55	Runoff:	No Data
Easting/Lat.:	-17.9166666666667	Drainage:	Moderately well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Terrace (alluvial)
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Levee	Slope Category:	Very gently sloped
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	Um5
		Great Soil Group:	Alluvial soil

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

Vegetation: Low Strata - Hummock grass, 0.26-0.5m, Mid-dense. *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus leptophleba, Eucalyptus confertiflora

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.02 m	Greyish brown (10YR5/2-Dry); ; Silty loam; Weak grade of structure, 2-5 mm, Platy; Dry; Firm consistence; Very plastic; 0-2%, coarse fragments; Diffuse change to -
C	0.02 - 0.83 m	Light brown (7.5YR6/4-Dry); ; Loamy fine sand; Massive grade of structure; Dry; Firm consistence; Very plastic; Diffuse change to -
2B	0.99 - 1.22 m	Light brown (7.5YR6/4-Dry); ; Fine sandy loam; Massive grade of structure; Firm consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Concretions;

Morphological Notes

Observation Notes

Site Notes

CROYDON

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Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				cmol (+)/kg				%
0 - 0.02	6.8A	0.014A								
0.02 - 0.83	7.2A	0.006A								
0.99 - 1.22	7.2A	0.007A								

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Laboratory Analyses Completed for this profile

2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
5A2	Chloride - 1:5 soil/water extract, automated colour
7A2	Total nitrogen - semimicro Kjeldahl , automated colour
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H2SO4 (BSES)
P10_NR_C	Clay (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded
P10_PB_C	Clay (%) - Plummet balance
P10_PB_CS	Coarse sand (%) - Plummet balance
P10_PB_FS	Fine sand (%) - Plummet balance
P10_PB_Z	Silt (%) - Plummet balance