

**Project Name:** Regional  
**Project Code:** REG **Site ID:** T201 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

#### Site Information

<b>Desc. By:</b>	G.G. Murtha	<b>Locality:</b>	17.8KM east of Norman River on Croydon/Normanton Road:DPI plots:
<b>Date Desc.:</b>	22/07/72	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8162 1:100000	<b>Rainfall:</b>	810
<b>Northing/Long.:</b>	141.295833333333	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	-17.9111111111111	<b>Drainage:</b>	Well drained

#### Geology

<b>ExposureType:</b>	Undisturbed soil core	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	Czy	<b>Substrate Material:</b>	No Data

#### Land Form

<b>Rel/Slope Class:</b>	Level plain <9m <1%	<b>Pattern Type:</b>	Alluvial plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	0 metres
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Level
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Bleached-Ferric Chomolosic Redoxic Hydrosol	<b>Principal Profile Form:</b>	Gn2.84
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Grey earth

No analytical data are available but confidence is fair.

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

**Vegetation:** Low Strata - Tussock grass, 0.26-0.5m, Very sparse. \*Species includes - Aristida species  
Mid Strata - Tree, 1.01-3m, Very sparse. \*Species includes - None recorded  
Tall Strata - Tree, 3.01-6m, Very sparse. \*Species includes - Melaleuca viridiflora, Eucalyptus species

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

#### Profile Morphology

A1/A2	0 - 0.1 m	Dark grey (10YR4/1-Moist); Grey (10YR5/1-Dry); ; Loamy sand; Massive grade of structure; Dry; Weak consistence;
A2	0.1 - 0.2 m	Yellowish brown (10YR5/4-Moist); Pale brown (10YR6/3-Dry); ; Sandy loam; Massive grade of structure; Dry; Weak consistence;
A2	0.2 - 0.3 m	Yellowish brown (10YR5/4-Moist); Pale brown (10YR6/3-Dry); ; Sandy loam; Massive grade of structure; Dry; Weak consistence; Diffuse change to -
B1	0.3 - 0.6 m	Light brownish grey (10YR6/2-Moist); Light grey (10YR7/2-Dry); ; 10YR56, 10-20% , 5-15mm, Distinct; ; 10-20% , 5-15mm, Distinct; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; Moist; Weak consistence;
B2	0.6 - 0.9 m	Light brownish grey (10YR6/2-Moist); Light grey (10YR7/2-Dry); ; 10YR56, 10-20% , 5-15mm, Distinct; ; 10-20% , 5-15mm, Distinct; Sandy clay loam; Massive grade of structure; Earthy fabric; Moist; Weak consistence;
B2	0.9 - 1.2 m	Light brownish grey (10YR6/2-Moist); ; 10YR58, 20-50% , 5-15mm, Distinct; ; 20-50% , 5-15mm, Distinct; Sandy clay loam; Massive grade of structure; Earthy fabric; Moist; Weak consistence;
B2	1.2 - 1.35 m	Light brownish grey (10YR6/2-Moist); ; 10YR58, 20-50% , 5-15mm, Distinct; ; 20-50% , 5-15mm, Distinct; Sandy clay loam; Massive grade of structure; Earthy fabric; Moist; Weak consistence; Clear change to -
	1.35 - 1.5 m	Very pale brown (10YR7/3-Moist); ; Sand; Massive grade of structure; Very weak consistence; Common (10 - 20 %), Ferromanganiferous, Very coarse (20 - 60 mm), Nodules; Clear change to -
D	1.5 - 1.8 m	Light grey (10YR7/1-Moist); ; 10YR58, 2-10% , 5-15mm, Distinct; ; 2-10% , 5-15mm, Distinct; Sandy medium clay (Light); Moderate grade of structure, 5-10 mm, Angular blocky; Moist; Many (20 - 50 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules;

#### Morphological Notes

#### Observation Notes

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**Site Notes**

NORMAN RIVER

0-4CM IS DARKER A1:

**Laboratory Test Results:**

[illegible]

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**Laboratory Analyses Completed for this profile**

12_HF_CU	Total element - Cu(mg/kg) - HF/HClO <sub>4</sub> Digest
12_HF_MN	Total element - Mn(mg/kg) - HF/HClO <sub>4</sub> Digest
12_HF_ZN	Total element - Zn(mg/kg) - HF/HClO <sub>4</sub> Digest
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
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7A2	Total nitrogen - semimicro Kjeldahl , automated colour
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H <sub>2</sub> SO <sub>4</sub> (BSES)