

Project Name: Regional
Project Code: REG **Site ID:** T200 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By: G.G. Murtha	Locality: 7.7KM north of Haydon Railway Siding:
Date Desc.: 21/07/72	Elevation: No Data
Map Ref.: Sheet No. : 7162 1:100000	Rainfall: 760
Northing/Long.: 141.476388888889	Runoff: No Data
Easting/Lat.: -17.9	Drainage: No Data

Geology

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

Land Form

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

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit: N/A
Bleached-Ferric Chomolosic Redoxic Hydrosol	Principal Profile Form: Dy3.42
ASC Confidence:	Great Soil Group: Solodic soil

No analytical data and little or no knowledge of this soil.

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

Vegetation:

Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Aristida species
 Mid Strata - Tree, 1.01-3m, Very sparse. *Species includes - Petalostigma pubescens
 Tall Strata - Tree, 3.01-6m, Very sparse. *Species includes - Melaleuca viridiflora, Eucalyptus species, Grevillea

striata

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1A2	0 - 0.1 m	Greyish brown (10YR5/2-Moist); ; Loamy sand; Massive grade of structure; Dry; Weak consistence; Diffuse change to -
A2	0.1 - 0.2 m	Pale brown (10YR6/3-Moist); Light grey (10YR7/2-Dry); ; Loamy sand; Massive grade of structure; Dry; Weak consistence; Diffuse change to -
A3	0.2 - 0.3 m	Pale brown (10YR6/3-Moist); Very pale brown (10YR7/3-Dry); , 10YR76, 2-10% , 0-5mm; , 2-10% , 0-5mm; Loamy sand; Massive grade of structure; Many (>5 per 100mm2) Fine (1-2mm) macropores, Dry; Weak consistence; Clear change to -
B2	0.34 - 0.45 m	Light brownish grey (10YR6/2-Moist); , 10YR58, 2-10% , 5-15mm, Distinct; , 2-10% , 5-15mm, Distinct; Sandy medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Earthy fabric; Dry; Very firm consistence;
B2	0.45 - 0.6 m	Light brownish grey (10YR6/2-Moist); , 10YR58, 2-10% , 5-15mm, Distinct; , 2-10% , 5-15mm, Distinct; Sandy medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Earthy fabric; Dry; Very firm consistence;
B2	0.6 - 0.9 m	Light brownish grey (10YR6/2-Moist); , 10YR58, 2-10% , 5-15mm, Distinct; , 2-10% , 5-15mm, Distinct; Sandy medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Dry; Very firm consistence; Few (2 - 10 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules;
B2	0.9 - 1.08 m	Light brownish grey (10YR6/2-Moist); , 10YR58, 2-10% , 5-15mm, Distinct; , 2-10% , 5-15mm, Distinct; Sandy medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Dry; Very firm consistence; Many (20 - 50 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; Diffuse change to -
	1.08 - 1.2 m	Light grey (10YR7/1-Moist); , 10YR56, 20-50% , 5-15mm, Distinct; , 10YR58, 20-50% , 5-15mm, Distinct; Sandy medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Earthy fabric; Very strong consistence; Many (20 - 50 %), Ferromanganiferous, Coarse (6 - 20 mm),
	1.2 - 1.5 m	Light grey (10YR7/1-Moist); , 10YR56, 20-50% , 5-15mm, Distinct; , 10YR58, 20-50% , 5-15mm, Distinct; Sandy medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Earthy fabric; Very strong consistence; Many (20 - 50 %), Ferromanganiferous, Coarse (6 - 20 mm),

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D1	1.5 - 1.8 m	Grey (10YR6/1-Moist); , 10YR73, 2-10% , 5-15mm, Faint; , 2-10% , 5-15mm, Faint; Medium heavy clay; Strong grade of structure, 5-10 mm, Angular blocky; Smooth-ped fabric; Dry; Rigid consistence; Few (2 - 10 %), Ferromanganiferous, Medium (2 -6 mm), Nodules;
	1.8 - 2 m	Grey (10YR6/1-Moist); , 10YR73, 2-10% , 5-15mm, Faint; , 2-10% , 5-15mm, Faint; Medium heavy clay; Strong grade of structure, 5-10 mm, Angular blocky; Very strong consistence; Many (20 - 50 %), Unidentified, Coarse (6 - 20 mm), Nodules;

Morphological Notes

Observation Notes

0-2CM DARKER A1

Site Notes

NORMANTON

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Laboratory Test Results:

[illegible][illegible][illegible]

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Laboratory Analyses Completed for this profile

12_HF_CU	Total element - Cu(mg/kg) - HF/HClO ₄ Digest
12_HF_MN	Total element - Mn(mg/kg) - HF/HClO ₄ Digest
12_HF_ZN	Total element - Zn(mg/kg) - HF/HClO ₄ Digest