

**Project Name:** DD  
**Project Code:** DD      **Site ID:** B219      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

<b>Desc. By:</b>	G.G. Beckmann	<b>Locality:</b>	
<b>Date Desc.:</b>	12/11/53	<b>Elevation:</b>	564 metres
<b>Map Ref.:</b>	Sheet No. : 9242 1:100000	<b>Rainfall:</b>	660
<b>Northing/Long.:</b>	151.745833333333	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-27.624722222222	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	Tm	<b>Substrate Material:</b>	Soil pit, 0.3 m deep,Basalt

**Land Form**

<b>Rel/Slope Class:</b>	Rolling low hills 30-90m 10-32%	<b>Pattern Type:</b>	Low hills
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	30 metres
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Self-mulching

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Eutrophic Grey Dermosol		<b>Principal Profile Form:</b>	Um6.22
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Lithosol

Analytical data are incomplete but reasonable confidence.

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

**Vegetation:** Low Strata - Tussock grass, , . \*Species includes - Bothriochloa decipiens, Aristida species  
Tall Strata - Tree, 6.01-12m, Mid-dense. \*Species includes - None Recorded

**Surface Coarse Fragments:** 2-10%, cobbly, 60-200mm, , Basalt

**Profile Morphology**

A11	0 - 0.1 m	Brown (7.5YR4/2-Moist); ; Clay loam; Strong grade of structure, Granular; Moderately moist; Weak consistence; 10-20%, medium gravelly, 6-20mm, Basalt, coarse fragments; Field pH 6.5 (pH meter); Many, very fine (0-1mm) roots; Clear change to -
A12	0.1 - 0.3 m	Brown (7.5YR4/2-Moist); , 5YR53; Light clay; Moderate grade of structure, Polyhedral; Moist; Weak consistence; 50-90%, coarse gravelly, 20-60mm, Basalt, coarse fragments; Field pH 6.4 (pH meter); Common, very fine (0-1mm) roots;

**Morphological Notes**

**Observation Notes**

**Site Notes**

DARLING DOWNS

**Laboratory Test Results:**

0 - 0.1	6.5H	0.04B	37K	3.3	1.8	0	17.2D
0.1 - 0.3	6.4H	0.02B					

0 - 0.1	8.09A	1190C	0.505F 0.222F	0.58B	10	11C	14	27	29
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0.1 - 0.3

0 - 0.1  
0.1 - 0.3

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**Laboratory Analyses Completed for this profile**

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
6A1	Organic carbon - Walkley and Black
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