

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 1863                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	Barry, Earl	<b>Locality:</b>	
<b>Date Desc.:</b>	08/07/93	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8155    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7627805 AMG zone: 55	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	431012    Datum: AGD66	<b>Drainage:</b>	Well drained

#### Geology

<b>Exposure Type:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	No Data

#### Land Form

<b>Rel/Slope Class:</b>	Undulating plains <9m 3-10%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	4 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Bleached Eutrophic Yellow Kandosol		<b>Principal Profile Form:</b>	Dy2.83
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A

No analytical data are available but confidence is fair.

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

**Vegetation:** Low Strata - Hummock grass, 0.51-1m, Sparse. \*Species includes - Triodia mitchellii, Aristida species  
Mid Strata - Tree, 3.01-6m, Sparse. \*Species includes - Eucalyptus normantonensis  
Tall Strata - Tree, 6.01-12m, Very sparse. \*Species includes - Eucalyptus normantonensis

**Surface Coarse Fragments:** 20-50%, coarse gravelly, 20-60mm, subangular, Sandstone

#### Profile Morphology

A11	0 - 0.05 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam; Single grain grade of structure; Dry; 20-50%, medium gravelly, 6-20mm, subrounded, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 5.5 (Raupach, 0.02); Clear change to -
A12	0.05 - 0.15 m	Brown (10YR4/3-Moist); ; Sandy clay loam; Single grain grade of structure; Dry; 20-50%, medium gravelly, 6-20mm, subrounded, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.1); Clear change to -
A2e	0.15 - 0.3 m	Pale brown (10YR6/3-Moist); ; Sandy clay loam (Heavy); Single grain grade of structure; Dry; 50-90%, medium gravelly, 6-20mm, subrounded, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.25); Clear change to -
B1	0.3 - 0.4 m	Yellowish red (5YR5/8-Moist); ; Light clay; Massive grade of structure; Dry; 2-10%, medium gravelly, 6-20mm, subrounded, Sandstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.35);
B21	0.4 - 0.5 m	Olive yellow (2.5Y6/8-Moist); ; Light clay; Massive grade of structure; Dry; 2-10%, medium gravelly, 6-20mm, subrounded, Sandstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 0.5);

#### Morphological Notes

#### Observation Notes

#### Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC		ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity			%

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Laboratory Analyses Completed for this profile