

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 2004 **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. : 8254 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7621076 AMG zone: 55	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	479628 Datum: AGD66	<b>Drainage:</b>	Imperfectly 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 low hills 30-90m 3-10%	<b>Pattern Type:</b>	Low hills
<b>Morph. Type:</b>	Lower-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<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
Haplic Eutrophic Yellow Dermosol Thick Non-gravelly Clay-loamy Clayey Deep	<b>Principal Profile Form:</b>	Gn3.73
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	No suitable group
No analytical data are available but confidence is fair.		

**Site Disturbance:** Extensive clearing, for example poisoning, ringbarking

**Vegetation:** Low Strata - Tussock grass, <0.25m, Very sparse. \*Species includes - Aristida species  
Mid Strata - , , . \*Species includes - None recorded  
Tall Strata - , , . \*Species includes - None Recorded

**Surface Coarse Fragments:** 0-2%, fine gravelly, 2-6mm, rounded, Ironstone

#### Profile Morphology

A11	0 - 0.08 m	Reddish brown (5YR4/3-Moist); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 0-2%, fine gravelly, 2-6mm, subrounded, dispersed, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.08 - 0.25 m	Brown (7.5YR5/4-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 20-50%, coarse gravelly, 20-60mm, subrounded, dispersed, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.2); Clear change to -
B1	0.25 - 0.45 m	Light brown (7.5YR6/4-Moist); ; Sandy light medium clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Smooth-ped fabric; Dry; Strong consistence; 20-50%, medium gravelly, 6-20mm, subrounded, dispersed, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.4); Gradual change to -
B2	0.45 - 1.1 m	Brownish yellow (10YR6/6-Moist); ; Medium clay; Smooth-ped fabric; Dry; , Calcareous, , , , Gypseous, , , ; Field pH 8.5 (Raupach, 1);

#### 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			%

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat	
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
					g/g -	m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile