

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 2378 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

**Site Information**

<b>Desc. By:</b>	M.G. Cannon	<b>Locality:</b>	
<b>Date Desc.:</b>	28/10/94	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 7960 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7906373 AMG zone: 55	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	301665 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>	Undisturbed soil core, Graywacke

**Land Form**

<b>Rel/Slope Class:</b>	Undulating rises 9-30m 3-10%	<b>Pattern Type:</b>	Rises
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	9 %	<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 Kandosol Medium Non-gravelly		<b>Principal Profile Form:</b>	Uc
Sandy Loamy Very shallow			
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A
Confidence level not specified			

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

**Vegetation:** Low Strata - Tussock grass, <0.25m, Isolated plants. \*Species includes - Eragrostis species, Unknown species  
Mid Strata - Shrub, 1.01-3m, Sparse. \*Species includes - Eucalyptus species, Acacia species  
Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus crebra, Eucalyptus erythrophloia

**Surface Coarse Fragments:** 0-2%, coarse gravelly, 20-60mm, subangular, Ironstone

**Profile Morphology**

A11	0 - 0.05 m	Brown (10YR4/3-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; ; Calcareous, ; ; Gypseous, ; ; Field pH 6.5 (Raupach, 0.03);
A12	0.05 - 0.1 m	Yellowish brown (10YR5/4-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 10-20%, fine gravelly, 2-6mm, angular tabular, dispersed, Metamorphic rock (unidentified), coarse fragments; ; Calcareous, ; ; Gypseous, ; ; Field pH 6.5 (Raupach, 0.08);
B2	0.1 - 0.2 m	Brownish yellow (10YR6/8-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 10-20%, fine gravelly, 2-6mm, angular tabular, dispersed, Metamorphic rock (unidentified), coarse fragments; ; Calcareous, ; ; Gypseous, ; ; Field pH 6.5 (Raupach, 0.15);
C	0.2 - 0.25 m	; ; Calcareous, ; ; Gypseous, ; ;

**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	Acidity					%
						Cmol (+)/kg						

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

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

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Laboratory Analyses Completed for this profile