

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1460 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By: Bright, J (Mitch)
Date Desc.: 01/10/92
Map Ref.: Sheet No. : 8056 GPS
Northing/Long.: 7720760 AMG zone: 55
Easting/Lat.: 388274 Datum: AGD66

Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Moderately rapid
Drainage: Moderately well drained

Geology

ExposureType:	No Data
Geol. Ref.:	No Data

Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Undisturbed soil core, No Data

Land Form

Rel/Slope Class: Gently undulating plains <9m
1-3%

Pattern Type: Plain

Morph. Type: No Data
Elem. Type: Plain
Slope: 2 %

Relief: No Data
Slope Category: Very gently sloped
Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Haplic Eutrophic Brown Kandosol

Mapping Unit:	N/A
Principal Profile Form:	Gn2.82
Great Soil Group:	No suitable group

ASC Confidence:
No analytical data are available but confidence is fair.

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

Vegetation:

Themeda	triandra	Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus melanophloia, Grevillea
paralella		

Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - *Eucalyptus melanophloia*

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.05 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Weak consistence; , Calcareous, , , ; Gypseous, , , ; Field pH 6 (Raupach, 0.05); Clear change to -
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A3	0.05 - 0.2 m	Brown (10YR4/3-Moist) ; ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Firm consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , ; , Gypseous. , ; Field pH 6 (Raupach, 0.15); Clear change to -
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B21	0.2 - 0.3 m	Brown (10YR5/3-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Firm consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , ; Gypseous. . ; Field pH 6 (Raupach, 0.25); Gradual change to -
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B22	0.3 - 0.6 m	Yellowish brown (10YR5/4-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Weak consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.5); Gradual change to -
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B23c	0.6 - 0.7 m	Brownish yellow (10YR6/6-Moist); ; Sandy light clay; Very weak consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.65);
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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	CS	Size FS	Analysis 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