

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2405 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	10/05/94	Elevation:	No Data
Map Ref.:	Sheet No. : 8060 GPS	Rainfall:	No Data
Northing/Long.:	7908972 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	368883 Datum: AGD66	Drainage:	Well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Low hills
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Gently inclined
Slope:	8 %	Aspect:	No Data

Surface Soil Condition (dry): Firm, Soft

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Brown Kandosol Thick Non-gravelly Sandy Clayey Moderately deep	Principal Profile Form:	Gn2
ASC Confidence:	Great Soil Group:	Yellow earth

No analytical data are available but confidence is fair.

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Heteropogon contortus, Aristida species,
Eragrostis species Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eucalyptus crebra

Tall Strata - , , . *Species includes - Eucalyptus crebra, Eucalyptus papuana, Eucalyptus tessellaris

Surface Coarse Fragments: 50-90%, fine gravelly, 2-6mm, angular, Granite

Profile Morphology

A11	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Loamy coarse sand; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.25 m	Brown (10YR4/3-Moist); ; Clayey coarse sand; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Abrupt change to -
A13	0.25 - 0.55 m	Dark yellowish brown (10YR4/6-Moist); ; Clayey coarse sand; Massive grade of structure; Earthy fabric; Dry; 20-50%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.4); Clear change to -
B1	0.55 - 0.7 m	Yellowish brown (10YR5/6-Moist); ; Coarse sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; 50-90%, medium gravelly, 6-20mm, angular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.6); Abrupt change to -
B2	0.7 - 0.8 m	Light olive brown (2.5Y5/6-Moist); ; Coarse sandy clay loam; Dry; 20-50%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.8);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations		Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na			
						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