

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 476 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By: Barry, Earl
Date Desc.: 06/11/91
Map Ref.: Sheet No. : 8256 GPS
Northing/Long.: 7722971 AMG zone: 55
Easting/Lat.: 464110 Datum: AGD66
Locality:
Elevation: 273 metres
Rainfall: No Data
Runoff: No Data
Drainage: No Data

Geology

ExposureType: No Data
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Existing vertical exposure, Sandstone

Land Form

Rel/Slope Class: Undulating rises 9-30m 3-10%
Morph. Type: Simple-slope
Elem. Type: Footslope
Slope: 2 %
Pattern Type: Alluvial fan
Relief: No Data
Slope Category: Very gently sloped
Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Eutrophic Mottled-Subnatic Yellow Sodosol Medium Non-gravelly Sandy Clayey Deep
Mapping Unit: N/A
Principal Profile Form: Dy3.83
ASC Confidence:
No analytical data are available but confidence is fair.
Great Soil Group: Solodic soil

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Aristida species, TRIODIA SPECIES ?
Mid Strata - Tree, 6.01-12m, Sparse. *Species includes - Melaleuca species, Acacia species
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus platyphylla, Eucalyptus polycarpa,
Eucalyptus tessellaris

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.15 m	Brown (10YR4/3-Moist); ; Loamy sand; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Diffuse change to -
A2e	0.15 - 0.25 m	Dark grey (10YR4/1-Moist); ; Loamy sand; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Clear change to -
B1	0.25 - 0.65 m	Grey (10YR6/1-Moist); , 10YR58, 20-50% ; , 20-50% ; Sandy light clay; Strong consistence; , Calcareous, , ; , Gypseous, , ; Diffuse change to -
B2	0.65 - 1 m	Yellowish brown (10YR5/6-Moist); , 10YR58, 20-50% ; , 20-50% ; Sandy light clay; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 9 (Raupach, 1); Diffuse change to -
C	1 - 1.5 m	; Very strong consistence; , Calcareous, , ; , Gypseous, , ;

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