

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 910 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	22/04/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7686186 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	438276 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Existing vertical exposure, Siltstone

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Eutrophic Subnatric Brown Sodosol Thick Non-gravelly Sandy Clayey Moderately deep		Principal Profile Form:	Dy2.43
ASC Confidence:		Great Soil Group:	Solodic soil

No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, TRIODIA SPECIES ?
Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Acacia coriacea, Melaleuca nervosa, Eucalyptus shirleyi

Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus shirleyi

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.2 m	Greyish brown (10YR5/2-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Clear change to -
A2j	0.2 - 0.35 m	Yellowish brown (10YR5/4-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Common (10 - 20 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , ; Abrupt change to -
B2	0.35 - 1.2 m	Yellowish brown (10YR5/6-Moist); ; Light medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 7.5 (Raupach, 0.7); Abrupt change to -

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0 - 0.2	5.6A
0.35 - 1.2	7.7A

0 - 0.2
0.35 - 1.2

0 - 0.2
0.35 - 1.2

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension