

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1351 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	13/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 7957 GPS	Rainfall:	No Data
Northing/Long.:	7735024 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	322492 Datum: AGD66	Drainage:	Moderately well drained

Geology

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

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Very gently sloped
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Brown Chromosol Thick Non-gravelly Sandy Clayey Shallow		Principal Profile Form:	Db1.11
ASC Confidence:		Great Soil Group:	Non-calcic brown 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, 0.26-0.5m, Very sparse. *Species includes - Aristida species
 Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus crebra, Acacia bidwillii
 Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.05 m	Dark brown (10YR3/3-Moist); ; Loamy coarse sand; Massive grade of structure; Sandy (grains prominent) fabric; ; Calcareous, , ; , Gypseous, , ; Field pH 5.8 (Raupach, 0.03); Clear change to -
A12	0.05 - 0.22 m	Dark yellowish brown (10YR3/4-Moist); ; Coarse sandy loam; Massive grade of structure; Earthy fabric; 10-20%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 5.8 (Raupach, 0.15); Clear change to -
A13	0.22 - 0.3 m	Dark yellowish brown (10YR3/4-Moist); ; Coarse sandy loam; Massive grade of structure; Earthy fabric; 20-50%, coarse gravelly, 20-60mm, subangular, Quartz, coarse fragments; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.25); Abrupt change to -
B2	0.3 - 0.4 m	Dark yellowish brown (10YR4/6-Moist); ; Sandy light clay; Weak grade of structure, 5-10 mm; Massive grade of structure; Smooth-ped fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.4);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0.05 - 0.22	6A
0.3 - 0.4	6.1A

0.05 - 0.22
0.3 - 0.4

0.05 - 0.22
0.3 - 0.4

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension