Project Name:	Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD							
Project Code:	DLR	Site ID:	1399	Observation ID:	1			
Agency Name:	QLD Departmer	nt of Prima	ry Industri	es				

Desc. By: Rogers, Gary Locality: Date Desc. 15/09/92 Elevation: No Data Map Ref.: Sheet No.: 8057 GPS Rainfall: No Data Morthing/Long.: 7726714 AMG zone: 55 Runoff: Slow Easting/Lat: 380034 Datum: AGD66 Drainage: Moderately well drained Geology ExposureType: No Data Conf. Sub. is Parent. Mat: No Data Geol.Ref.: No Data Conf. Sub. is Parent. Mat: No Data Geol.Ref.: No Data Substrate Material: Undisturbed soil core, No Data End Form RelSlope Class: Level plain <9m <1% Relief: No Data Stope Category: Level No Data Stope Category: Level Stope: 1 % Aspect: No Data No Data Store Category: Level Aspect: No Data Store Category: Level No Aspect: No Data Store Class: Confidence: Maping Unit: N/A Mottled Patroferric Brown Kandosol Thin Non-gravelly Clay- Principlal Profile Form: Um5.52 <th>Sile II</th> <th>normation</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	Sile II	normation								
Map Ref.: Sheet No.: 8057 GPS Rainfall: No Data Northing/Long: 7772671 AMG zone: 55 Runoff: Slow Easting/Lat:: 380034 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: Level plain <9m <1% Pattern Type: Plain Morph. Type: Flat Relief: No Data Substrate Material: Undisturbed soil core, No Data Surface Soil Condition (dry): Hardsetting Fresion: No Data Surface Soil Condition (dry): Hardsetting Soil Classification: Mapping Unit: N/A Morph. Type: Plain Soil Classification: Mapping Unit: N/A Australian Soil Classification: Mapping Unit: N/A Morph. Soil Classification: Morph. Soil Classification: Vin 5.2 Australian Soil Classification: Mo Strata - Tusock grass, 0.51-1m, Sparse. Species includes - Aristida species, Chrysopogon fe Cymbopogon refeetbisturbance: No sufface coarse fragments:										
Northing/Long.: 7772671 AMG zone: 55 Runoff: Slow Easting/Lat: 380034 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: Level plain <9m <1% Pattern Type: Plain Morph. Type: Plain Rel/Slope Class: Level plain <9m <1% Pattern Type: Plain Morph. Type: Plain Slope Category: Level Slope: 1 % Aspect: No Data Surface Soil Condition (dry): Hardsetting Erosion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Mottled Petroferric Brown Kandosol Thin Non-gravelly Clay- Dary Moderately deep ASC Confidence: No effective disturbance other than grazing by hoofed animals Yegetation: whobogoon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Aristida species, Chrysopogon fa whoboyoon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Acacia species, Me erosa Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus melanophiola, Eucalyptus cref Surface Coarse Fragments: No surface coarse fragments Profile Morphology A1 0 - 0.09 m ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very man (50 - 100 %), ; Calcareous, .; ; Gypseous, .; Field pH 6 (Raupach, 0.05); Clear change to - B21 0.09 - 0.55 m Light red (2.5YR6/6-Moist); Mottles, 10YR56, 10-20%, Faint; Mottles, 10-20%; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; . Calcareous, .; ; Gypseous, .; Field pH 5.5 (Raupach, 0.5); Clear change to - B22 0.55 - 0.75 m Light red/dish brown (2.5YR6/2-Moist); Mottles, 10YR56, 10-20%, Distinct; Mottles, 10-20%; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; . 2.10%, fin gravelly, 2-6mm, subrounded, Quarz, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; . Calcareous, .; , Gypseous, .; Field pH 6 (Raupach, 0.7);										
Easting/Lat: 380034 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 Morph. Type: Flat Billst Relief: No Data Subscrate Material: Undisturbed soil core, No Data Land Form Morph. Type: Flat Slope Category: Level Slope: 1 % Aspect: No Data Surface Soil Condition (dry): Hardsetting Erosion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Motted Petroferrofic Brown Kandosol Thin Non-gravelly Clay- Ioamy Clay-loamy Moderately deep ASC Confidence: Grave Randosol Thin Non-gravelly Clay- 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, Chrysopogon fe gruppogogon refractus Mid Strata - Tree, 1.01-3m, Isolated plants, "Species includes - Acacia species, Me ervosa Tall Strata - Tree, 6.01-12m, Sparse, "Species includes - Eucalyptus melanophloia, Eucalyptus cref Surface Coarse Fragments: No surface coarse fragments Profile Morphology A1 0-0.09 m ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very man (50 - 100 %), .; , Calcareous, .; , Gypseous, .; Field pH 6 (Raupach, 0.05); Clear change to Surface Coarse Fragments: No surface coarse fragments Profile Morphology A1 0-0.09 m ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very man (50 - 100 %), .; , Calcareous, .; , Gypseous, .; Field pH 6 (Raupach, 0.05); Clear change to Surface Coarse Fragments: No surface coarse fragments Profile Morphology A1 0-0.09 m ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; .Calcareous, .; , Gypseous, .; Field pH 5.5 (Raupach, 0.5); Clear change to - B22 0.55 - 0.75 m Light red(2.5YR6/6-Moist); Mottles, 10YR56, 10-20%, Distinct; Mottles, 10-20%, Glay	•									
Geology No Data Conf. Sub. is Parent. Mat.: No Data ExposureType: No Data Substrate Material: Undisturbed soil core, No Data Geol. Ref: No Data Substrate Material: Undisturbed soil core, No Data Rel/Stope Class: Level plain <9m <1% Pattern Type: Plain Rel/Stope Class: Level plain <9m <1% Pattern Type: Plain Stope: 1 % Aspect: No Data Surface Soil Condition (dry): Hardsetting Hardsetting Erosion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Mottled Petroferric Brown Kandosol Thin Non-gravelly Clay- Principal Profile Form: Um5.52 Ioamy Clay-learny Moderately deep ASC Confidence: Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Site Disturbance: No Effective disturbance other than grazing by hoofed animals Vecetation: Low Strata - Tussock grass, 0.51-1m, Sparse. "Species includes - Aristida species, Chrysopogon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Acacia species, Metervosa Tall Strata - Tree, 6.01-12m, Sparse. Species includes - Eucalyptus melanophloia, Eucalyptus cref							Irainad			
Exposite Type: 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: Level plain <9m <1% Pattern Type: Plain No Data Rel/Slope Class: Level plain <9m <1% Pattern Type: Plain No Data Slope: 1% Aspect: No Data Surface Soil Condition (dry): Hardsetting Frosion: Soil Classification: Mapping Unit: N/A Motted Petroferric Brown Kandosol Thin Non-gravelly Clay- Principal Profile Form: Um5.52 No analytical data are available but confidence is fair. Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Site Disturbance: No effective disturbance other than grazing by hoofed animals Yegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. "Species includes - Acacia species, Mervosa Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Acacia species, Mervosa Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus melanophloia, Eucalyptus cref Surface Coarse Fragments: No surface coarse fragments Profile Morphology : Clay loam, sandy; Mas		-	380034 Datum. AGD00	Drainage.	wouerate	ery wen c	aramed			
Geol. Ref.: No Data Substrate Material: Undisturbed soil core, No Data Land Form Rel/Slope Class: Level plain <9m <1% Pattern Type: Plain Morph. Type: Flat No Data No Data Slope: 1% Aspect: No Data Surface Soil Condition (dry): Hardsetting Hardsetting Erosion: Soil Classification: Mapping Unit: N/A Australian Soil Classification: Mapping Unit: N/A Mottled Petroferic: Brown Kandosol Thin Non-gravelly Clay- Principal Profile Form: Um5.52 oamy Clay-loamy Moderately deep Asc Confidence: Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Sufface Coarse Aristida species, Chrysopogon faymborgon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Acacia species, Me arvosa Surface Coarse Fragments: No surface coarse fragments No analytical plant, Surface Coarse fragments: No surface coarse fragments Profile Morphology , ; , Calcareous, ; ; , Gypseous, ; ; Field pH 6 (Raupach, 0.05); Clear change to - Sclay Ioam, sandy; Massive gr			No Doto	Conf Sub is Par	ont Mot :					
Land Form Rel/Slope Class: Level plain <9m <1%										
Rel/Slope Class: Level plain <9m <1%			No Dala	Oubstrate materia	41.	Unuist				
Morph. Type: Flat Relief: No Data Elem. Type: Plain Slope Category: Level Siope: 1% Aspect: No Data Surface Soil Condition (drv): Hardsetting No Data Surface Soil Condition (drv): Hardsetting No Data Soil Classification Maustralian Soil Classification: Mapping Unit: N/A Mustralian Soil Classification: Mapping Unit: N/A Mosterial and Soil Classification: Mapping Unit: N/A Mosterial Soil Classification: Mapping Unit: N/A Mosterial Soil Classification: Mapping Unit: N/A Mosterial Soil Classification: Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Low Strata - Tussock grass, 0.51-1m, Sparse. "Species includes - Aristida species, Chrysopogon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Acacia species, Me arvosa Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus melanophloia, Eucalyptus creft Surface Coarse Fragments: Profile Morphology No No = 0.09 m				Detterm Trance	Disia					
Elmin. Type: Plain Slope Category: Level Slope: 1 % Aspect: No Data Surface Soil Condition (dry): Hardsetting Torsion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Mustralian Soil Classification: Mapping Unit: N/A Australian Soil Classification: Mapping Unit: N/A Mustralian Soil Classification: Mapping Unit: N/A Australian Soil Classification: Mapping Unit: N/A Motide Petroferric Brown Kandosol Thin Non-gravelly Clay- oamy Clay-Loamy Moderately deep Principal Profile Form: Um5.52 ASC Confidence: Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Site Disturbance: No strata - Tussock grass, 0.51-1m, Sparse. "Species includes - Aristida species, Chrysopogon refractus Ymbopogon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Acacia species, Mearvosa Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus melanophloia, Eucalyptus cret Surface Coarse Fragments: No surface coarse fragments Profile Morphology Interd (2.5YR6/6-Moist); Mottles, 10YR56, 10-20%, Faint; Mottles, 1										
Slope: 1 % Aspect: No Data Surface Soil Condition (dry): Hardsetting Erosion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Mattralian Soil Classification: Mapping Unit: N/A Mattralian Soil Classification: Mapping Unit: N/A Motified Petroferric Brown Kandosol Thin Non-gravelly Clay- camy Clay-loamy Moderately deep Great Soil Group: Yellow earth ASC Confidence: No effective disturbance other than grazing by hoofed animals Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. "Species includes - Aristida species, Chrysopogon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Acacia species, Meavosa Surface Coarse Fragments: No surface coarse fragments: No surface coarse fragments: No surface coarse fragments Profile Morphology ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very man (50 - 100 %), ; Calcareous, . ; , Gypseous, . ; Field pH 6 (Raupach, 0.05); Clear change to - 321 0.09 - 0.55 m Light red (2.5YR6/6-Moist); Mottles, 10YR56, 10-20% , Faint; Mottles, 10-20% ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, find gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak										
Surface Soil Condition (dry): Hardsetting Erosion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Wottled Petroferic Brown Kandosol Thin Non-gravelly Clay- camy Clay-loamy Moderately deep Principal Profile Form: Um5.52 ASC Confidence: Great Soil Group: Yellow earth 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, Chrysopogon fagrosoa ymbopogon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Acacia species, Megrovosa Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus cref Surface Coarse Fragments: Profile Morphology No surface coarse fragments No surface coarse fragments Profile Morphology Yellow, Specous, , ; Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to - 321 0.09 - 0.55 m Light red (2.5YR6/6-Moist); Mottles, 10YR56, 10-20%, Faint; Mottles, 10-20%; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Z-10%, fin gravelly, 2-6m, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, ; , Gypseous, , ; Field pH 6 (Raupach, 0.7);										
Erosion: Soil Classification Australian Soil Classification: Australian Soil Classification: Australian Soil Classification: Mattled Petroferric Brown Kandosol Thin Non-gravelly Clay- pamy Clay-loamy Moderately deep ASC Confidence: No analytical data are available but confidence is fair. Site Disturbance: No effective disturbance other than grazing by hoofed animals Zegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Chrysopogon fa mbopogon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Acacia species, Me rvosa Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus creft Surface Coarse Fragments: No surface coarse fragments Profile Morphology Yellor (Surface Coarse fragments) V1 0 - 0.09 m ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very man (50 - 100 %), , , ; Calcareous, , ; , Gypseous, ; ; Field pH 6 (Raupach, 0.05); Clear change to - sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Acareaus, , ; Gypseous, , ; Field pH 5.5 (Raupach, 0.5); Clear change to - Surface Coarse fragments; No surface of structure; Earthy fabric; Dry; Weak consistence; 2-10%, fin gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field p	•			Aspeet.	No Dala					
Soli Classification Mapping Unit: N/A Australian Soil Classification: Mapping Unit: N/A Australian Soil Classification: Principal Profile Form: Um5.52 Damy Clay-loamy Moderately deep Great Soil Group: Yellow earth ASC Confidence: Great Soil Group: Yellow earth 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, Chrysopogon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Acacia species, Mervosa Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus cref Surface Coarse Fragments: No surface coarse fragments Profile Morphology N ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very man (50 - 100 %), . , ; Calcareous, ; ; Gypseous, ; ; Field pH 6 (Raupach, 0.05); Clear change to - 821 0.09 - 0.55 m Light red (2.5YR6/6-Moist); Mottles, 10YR56, 10-20% , Faint; Mottles, 10-20% ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, fing ravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), . , ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, fing ravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very many (50			nanusening							
Australian Soil Classification: Mapping Unit: N/A Mattralian Soil Classification: Mapping Unit: N/A Mattralian Soil Classification: Mapping Unit: N/A Mattralian Soil Classification: Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Eventson of the confidence: No effective disturbance other than grazing by hoofed animals Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Chrysopogon fairefractus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Acacia species, Meervosa Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus cret Surface Coarse Fragments: No surface coarse fragments Profile Morphology Yello velow, , , ; Gypseous, , ; Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to - 321 0.09 - 0.55 m Light red (2.5YR6/6-Moist); Mottles, 10YR56, 10-20%, Faint; Mottles, 10-20%; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, fina gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Kory many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; Calcareous, ; ; Gypseous, ; Field pH 6 (Raupach, 0.7); Morphological Notes Despension (2-20 mm), Nodules; Calcareous, ; ; Gypseous, ; Field pH 6										
Motiled Petroferric Brown Kandosol Thin Non-gravelly Clay- camy Clay-loamy Moderately deep Principal Profile Form: Um5.52 ASC Confidence: Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Great Soil Group: Yellow earth Site Disturbance: No effective disturbance other than grazing by hoofed animals //egetation: Uw Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Chrysopogon refractus /mbopogon Infanta - Tree, 6.01-12m, Sparse. *Species includes - Acacia species, Mervosa Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus cref Surface Coarse Fragments: No surface coarse fragments Profile Morphology ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very man (50 - 100 %), ; Calcareous, . ; , Gypseous, . ; Field pH 6 (Raupach, 0.05); Clear change to - 321 0.09 - 0.55 m Light red (2.5YR6/6-Moist); Mottles, 10YR56, 10-20%, Faint; Mottles, 10-20%; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, find gravely, 2-6mm, subrounded, Quartz, coarse fragments: 322 0.55 - 0.75 m Light redish brown (2.5YR6/3-Moist); Mottles, 10YR56, 10-20%, Distinct; Mottles, 10-20%; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, find gravely, 2-6mm, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous,	Soil C	lassificati	<u>on</u>							
Oramy Clay-loamy Moderately deep Great Soil Group: Yellow earth ASC Confidence: No analytical data are available but confidence is fair. Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Site Disturbance: No effective disturbance other than grazing by hoofed animals Vegetation: Use Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Chrysopogon refractus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Acacia species, Mervosa Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus crete Surface Coarse Fragments: Profile Morphology No surface coarse fragments Profile Morphology ; Clay Ioam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very man (50 - 100 %), , ; ; Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to - 321 0.09 - 0.55 m Light red (2.5YR6/6-Moist); Mottles, 10YR56, 10-20%, Faint; Mottles, 10-20%; Clay Ioam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, find gravelly, 2-6mm, subrounded, Quartz, coarse fragments is Clay Ioam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, find gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.7); Morphological Notes Distructures Subrounded, Quartz, coarse fragments; Ver	Austra	lian Soil Cla	assification:	Марр	ing Unit:		N/A			
ASC Confidence: Great Soil Group: Yellow earth No analytical data are available but confidence is fair. Site Disturbance: No effective disturbance other than grazing by hoofed animals Zegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Chrysopogon fair refractus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Acacia species, Mervosa Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus crete Surface Coarse Fragments: No surface coarse fragments: No surface coarse fragments Profile Morphology , , , , , Calcareous, , ; Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to - (50 - 100 %), , , ; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to - Gypseous, , ; Field pH 5.5 (Raupach, 0.5); Clear change to - Gypseous, , ; Field pH 5.5 (Raupach, 0.5); Clear change to - Gypseous, , ; Field pH 5.5 (Raupach, 0.5); Clear change to - Gypseous, , ; Field pH 5.5 (Raupach, 0.5); Clear change to - Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, find gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.7); Morphological Notes Deservation Notes	/lottlec	Petroferric	Brown Kandosol Thin Non-grave	elly Clay- Princ	ipal Profile	Form:	: Um5.52			
No analytical data are available but confidence is fair. Site Disturbance: No effective disturbance other than grazing by hoofed animals Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Chrysopogon fa refractus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Acacia species, Me arvosa Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus cret Surface Coarse Fragments: No surface coarse fragments Profile Morphology A1 0 - 0.09 m ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very man (50 - 100 %), , , ; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to 321 0.09 - 0.55 m Light red (2.5YR6/6-Moist); Mottles, 10YR56, 10-20% , Faint; Mottles, 10-20% ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.5); Clear change to - 322 0.55 - 0.75 m Light reddish brown (2.5YR6/3-Moist); Mottles, 10YR56, 10-20% , Distinct; Mottles, 10-20% ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, find gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.7); Morphological Notes Dbservation Notes	oamy	Clay-loamy I	Moderately deep							
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<u>Site Notes</u>

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:1399Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Test Results:

Depth m	рН	1:5 EC dS/m	Excha Ca M	angeable g	Cations K	E Na Cmol (+)	xchangeable Acidity /kg	CEC		ECEC	ESP %	
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density		ticle CS	Size FS	Analysis Silt Clay	
m	%	%	mg/kg	%	%	%	Mg/m3		00	%	One Only	
Denth	0015		Quantin	(Κ	_4	Kausant	
Depth m	COLE	Sat.		0.1 Bar	lumetric W 0.5 Bar g - m3/m3	1 Bar	5 Bar 15	Bar	K s mm		K unsat mm/h	

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:1399Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Analyses Completed for this profile