Project Code: DCK State 1 Code Total Agency Name: QLD Department of Primary industries Dobase By: Bit Information Date: By: Barry, Earl Locality: No Data Date: Sheet No.: 7859 CPS Rainfalt: No Data Map Ref: Sheet No.: 7859 CPS Rainfalt: No Data NorthingLong: 7862884 AMG zone: 55 Runoff: Rapid EastingLat: 272988 Datum:: AGD66 Drainage: Well drained Geology ExposureType: No Data Substatus Material: No Data Geology Rel/Slope Class: Gently undulating plains <9m 1 Pattern Type: Plain 3% Morph. Type: Plain Subpect: No Data Super: 2% Aspect: No Data Super: Plain Super: N/A Hapic Eutrophic Red Kandsol Thick Non-gravelly Clay-loamy Principal Profile Form: Gn2.12 Chayey Moderately deep Grave Soil Group: Red earth No anaitsical data are available but confidence is fai: Sto Disturbance: <th>Project Name: Project Code:</th> <th>Preliminary Assessment ar DLR Site ID:</th> <th></th> <th>d Degradation in bservation ID:</th> <th></th>	Project Name: Project Code:	Preliminary Assessment ar DLR Site ID:		d Degradation in bservation ID:					
Desc. By: Barry, Earl Locality: Date Desc. 27/08/93 Elevation: No Data Map Ref.: Sheet No.: 7859 GPS Rainfall: No Data Morthing/Lat: 27/2988 Datum: AGD66 Drainage: Well drained Geology 27/2988 Datum: AGD66 Drainage: Well drained ExposureType: No Data Substrate Material: No Data ExposureType: No Data Substrate Material: No Data Bard Form Relief: No Data Substrate Material: No Data Bard Form Relief: No Data Subata Subata Suppe: Plain Stope Category: Very gently sloped Stope: Sufface Soil Condition (dry): Hardsetting Fricipal Profile Form: Gn2.12 Classification: Mapping Unit: N/A Haplic Eutropesci No detasubatoco of thick Non-gravelly Clay-loamy Principal Profile Form: Gn2.12 Classification: No analytical data are available but confidence is fair. No analytical data are available but confidence is fair.				bservation ib.	1				
Date Desc.: 27/06/93 Elevation: No Data Map Ref.: Sheet No.: 7859 GPS Rainfall: No Data Northing/Long: 7862884 AMG zone: 55 Runoff: Rapid Easting/Lat: 272988 Datum: AGD66 Drainage: Well drained Geology ExposureType: No Data Substrate Material: No Data ExposureType: No Data Substrate Material: No Data Geol. Ref.: No Data Substrate Material: No Data End Form Rel/Slope Class: Genthy undulating plains <9m	Site Informatio	<u>n</u>							
Map Ref.: Sheet No.: 78658 GPS Rainfalt: No Data Northing/Lat: 272988 Datum: AGD66 Drainage: Well drained Geology ExposureType: No Data Corf. Sub. is Parent. Mat:: No Data Geology ExposureType: No Data Substrate Material: No Data Map Rel/Siope Class: Gently undulating plains <9m 1- Pattern Type: Plain 3% Morph. Type: Flat Relief: No Data Slope Class: Gently undulating plains <9m 1- Pattern Type: Plain 3% Morph. Type: Flat Relief: No Data Slope Category: Very gently sloped Aspect: No Data Surface Soil Condition (dry): Hardsetting Hardsetting Clasys Moderately deep Great Soil Group: Red earth Australian Soil Classification: Mapping Unit: N/A No analytical data are available but confidence is fair. Ste Disturbance: No effective disturbance other than grazing by hofed animals Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. "Species includes - Themeda triandra, Chrysopogon fallax, Heleropogon <td< th=""><th></th><th></th><th></th><th>No Doto</th><th></th></td<>				No Doto					
Northing/Long:: 7862684 AMG zone::5: Runoff:: Rapid Easting/Lat:: 272988 Datum::AGD66 Drainage: Well drained Secoloav ExposureType: No Data Corf. Sub. is Parent. Mat:: No Data Geol. Ref:: No Data Substrate Material: No Data Land Form Reflef:: No Data Substrate Material: No Data Bern. Type: Flat Relief:: No Data Substrate Material: No Data Surface Soil Condition (dry): Hardsetting Erosion: Soil Classification: Mapping Unit:: N/A Happic Eutropic Red Kandsool Thick Non-gravely Clay-loamy Principal Profile Form: Gn.2.12 Clayey Moderately deep ASC Confidence: No Effective disturbance other than grazing by hoofed animals Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. "Species includes - Themeda triandra, Chrysopogon fallax, Heteropogon Coroliduce Contorus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Petalostigma pubescens, Greville glauca Tail Strata - Tree, 12.01-20m, Sparse. "Species includes - Eucalyptus crebra, Eucalyptus polycarpa Surface Coarse Fragments: No suface coarse fragments: Profile Morpholoov									
Geology ExposureType: No Data Conf. Sub. is Parent. Mat.: No Data Geol. Ref: No Data Substrate Material: No Data Bel/Slope Class: Gently undulating plains <9m	Northing/Long.:			•					
ExposureType: No Data Conf. Sub. is Parent. Mat:: No Data Geol. Ref.:: No Data Substrate Material:: No Data Bel/Slope Class:: Gently undulating plains <9m	•	272988 Datum: AGD66	Drainage:	Well drained					
Geol. Ref.: No Data Substrate Material: No Data Land Form Rel/Slope Class: Gently undulating plains <9m		No Data	Conf. Sub. is Pare	nt. Mat.: No Dat	a				
Rel/Slope Class: Gently undulating plains <9m									
3% Morph. Type: Flat Relief: No Data Etem. Type: Plain Stope Category: Very gently sloped Stope: 2 % Aspect: No Data Surface Soil Condition (drv): Hardsetting Erosion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Haplic Eutrophic Red Kandosol Thick Non-gravelly Clay-loamy Principal Profile Form: Gn2.12 Clavey Moderately deep Great Soil Group: Red 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 - Themeda triandra, Chrysopogon fallax, Heteropogon contortus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Petalostigma pubescens, Grevillea glauca Tall Strata - Tree, 12.01-20m, Sparse. "Species includes - Eucalyptus crebra, Eucalyptus polycarpa Striface Coarse Fragments: No surface coarse fragments No 1 O - 0.1 m Dark reddish brown (SYR3/3-Moist); Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry, Strong consistence; Calcareous, .; Gypseous, .; Field pH 6.5 (Raupach, 0.05); Gradual change to - A11 0 - 0.1 m									
Elem, Type: Plain Slope Category: Very gently sloped Slope: 2 % Aspect: No Data Surface: Soil Condition (dry): Hardsetting Erosion: Soil Classification NA Australian Soil Classification: Mapping Unit: N/A Haplic: Eutrophic Red Kandosol Thick Non-gravelly Clay-loamy Principal Profile Form: Gn 2.12 Clayer, Moderately deep Great Soil Group: Red earth As Confidence: Great Soil Group: Red earth No analytical data are available but confidence is fair. Site Disturbance: No Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Themeda triandra, Chrysopogon fallax, Heteropogon contortus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, Grevillea glauca Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa Surface Coarse Fragments: Profile Morphology Dark reddish brown (5YR3/3-Moist); Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; Calcareous, ;; Gypseous, ;; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); Light clay; Waas grade of structure; Earthy fabric; Moderately moist; Veey firm			Pattern Type:	Plain					
Slope: 2 % Aspect: No Data Surface Soil Condition (dry): Hardsetting Erosion: Surface Soil Condition (dry): Hardsetting Soil Classification Australian Soil Classification: Mapping Unit: N/A Haplic Eutrophic Red Kandosol Thick Non-gravelly Clay-loamy Principal Profile Form: Gn 2.12 Clayey Moderately deep Great Soil Group: Red earth Asc Confidence: No Effective disturbance other than grazing by hoofed animals Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. "Species includes - Thermeda triandra, Chrysopogon fallax, Heteropogon contortus Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Petalostigma pubescens, Grevillea glauca Surface Coarse Fragments: No surface coarse fragments: Profile Morphology Art reddish brown (5YR3/3-Moist); Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, ,; , Gypseous, ,; Field pH 6.5 (Raupach, 0.05); Gradual change to - A11 0 - 0.1 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, ,; , Gypseous, ,; Field pH 6 (Raupach, 0.05); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth					ad .				
Surface Soil Condition (dry): Hardsetting Erosion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Haplic Eutrophic Red Kandosol Thick Non-gravelly Clay-loamy Principal Profile Form: Gn2.12 Clayey Moderately deep Great Soil Group: Red earth No analytical data are available but confidence is fair. Great Soil Group: Red earth Site Disturbance: No effective disturbance other than grazing by hoofed animals Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Thermeda triandra, Chrysopogon fallax, Heteropogon Contortus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, Grevillea glauca Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa Surface Coarse Fragments: No surface coarse fragments No surface coarse fragments Profile Morphology Atr reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, ;; Gypseous, ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A11 0 - 0.1 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very fim consistence; , Calcareous, ;; Gypseous, ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m <t< td=""><td></td><td></td><td></td><td></td><td>:u</td></t<>					:u				
Soil Classification: Mapping Unit: N/A Haplic Eutrophic Red Kandosol Thick Non-gravelly Clay-loamy Principal Profile Form: Gn2.12 ASC Confidence: Great Soil Group: Red earth No analytical data are available but confidence is fair. Great Soil Group: Red earth No analytical data are available but confidence is fair. Stite Disturbance: No effective disturbance other than grazing by hoofed animals Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Themeda triandra, Chrysopogon fallax, Heteropogon contortus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, Grevillea glauca Surface Coarse Fragments: No surface coarse fragments: Profile Morphology A11 0 - 0.1 m A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; Gypseous, ; ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedrai; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, ; ; Gypseous, ; ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedrai; Smooth-pe	Surface Soil Co	ondition (dry): Hardsetting							
Australian Soil Classification: Mapping Unit: N/A Haplic Eutrophic Red Kandosol Thick Non-gravelly Clay-loamy Principal Profile Form: Gn2.12 ASC Confidence: Great Soil Group: Red earth No analytical data are available but confidence is fair. Great Soil Group: Red earth Site Disturbance: No effective disturbance other than grazing by hoofed animals Wegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Themeda triandra, Chrysopogon fallax, Heteropogon Contrus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, Contortus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, Starface Coarse Fragments: No surface Coarse Fragments: No surface coarse fragments: No surface coarse fragments: Profile Morphology A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Clay Ioam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure; 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedr	Erosion:								
Haplic Eutrophic Red Kandosol Thick Non-gravelly Clay-loamy Principal Profile Form: Gn 2.12 Clayey Moderately deep Great Soil Group: Red earth No analytical data are available but confidence is fair. Great Soil Group: Red earth No analytical data are available but confidence is fair. Site Disturbance: No effective disturbance other than grazing by hoofed animals Vegetation: Heteropogon Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Themeda triandra, Chrysopogon fallax, contortus Grevillea glauca Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, contortus Mid Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa Surface Coarse Fragments: Profile Morphology A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure; 10-20 mm, Polyhedrai; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field p	Soil Classificat	ion							
Clayey Moderately deep Great Soil Group: Red earth ASC Confidence: No analytical data are available but confidence is fair. Great Soil Group: Red 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 - Themeda triandra, Chrysopogon fallax, Heteropogon contortus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, Grevillea glauca Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa Surface Coarse Fragments: No surface coarse fragments Profile Morphology A11 0 - 0.1 m A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; Calcareous, , ; Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); Light clay; Waskie grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); Light clay; Weak grade of structure; 10-20 mm, Polyhedrai; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach,	Australian Soil C	lassification:	Маррі	ng Unit:					
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 - Themeda triandra, Chrysopogon fallax, Heteropogon Grevillea glauca Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, Grevillea glauca Surface Coarse Fragments: No surface coarse fragments: Profile Morphology A11 0 - 0.1 m A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6); Diffuse change to - B22 0.7 - 0.98 m Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Morphological Notes Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 -			ay-loamy Princi	pal Profile Form:	Gn2.12				
Site Disturbance: Vegetation: HeteropogonNo effective disturbance other than grazing by hoofed animals Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Themeda triandra, Chrysopogon fallax, contortusGrevillea glaucaLow Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Themeda triandra, Chrysopogon fallax, contortusGrevillea glaucaTall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpaSurface Coarse Fragments: Profile Morphology A110 - 0.1 mDark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to -A120.1 - 0.4 mDark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to -B210.4 - 0.7 mDark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to -B220.7 - 0.98 mDark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9);Morphological NotesDark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9);				Soil Group:	Red earth				
Vegetation: Heteropogon Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Themeda triandra, Chrysopogon fallax, contortus Grevillea glauca Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, Grevillea glauca Surface Coarse Fragments: No surface coarse fragments: No surface coarse fragments: Profile Morphology A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6); Diffuse change to - B22 0.7 - 0.98 m Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Morphological Notes	•			d onimala					
Heteropogon contortus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Petalostigma pubescens, Grevillea glauca Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa Surface Coarse Fragments: No surface coarse fragments: Profile Morphology A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6); Diffuse change to - B22 0.7 - 0.98 m Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Morphological Notes Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9);			0 0 7		meda triandra. Chrysopogon fallax.				
Grevillea glauca Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa Surface Coarse Fragments: No surface coarse fragments Profile Morphology A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6); Dilfuse change to - B22 0.7 - 0.98 m Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Morphological Notes		Ç i							
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa Surface Coarse Fragments: No surface coarse fragments Profile Morphology A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B22 0.7 - 0.98 m Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Morphological Notes	Gravillaa alauca	contortus Mid Strata - Tr	ee, 1.01-3m, Isolated	d plants. *Species i	ncludes - Petalostigma pubescens,				
Surface Coarse Fragments: No surface coarse fragments Profile Morphology A11 0 - 0.1 m Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to - A12 0.1 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B22 0.7 - 0.98 m Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Morphological Notes Morphological Notes	Grevillea gladca								
A110 - 0.1 mDark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to -A120.1 - 0.4 mDark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to -B210.4 - 0.7 mDark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6); Diffuse change to -B220.7 - 0.98 mDark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9);Morphological Notes	Surface Coarse		• •	udes - Eucalyptus	crebra, Eucalyptus polycarpa				
A110 - 0.1 mDark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Gradual change to -A120.1 - 0.4 mDark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to -B210.4 - 0.7 mDark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6); Diffuse change to -B220.7 - 0.98 mDark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9);Morphological Notes			Ū						
 Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to - B21 0.4 - 0.7 m Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6); Diffuse change to - B22 0.7 - 0.98 m Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Morphological Notes 		Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05);							
 Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6); Diffuse change to - B22 0.7 - 0.98 m Dark red (2.5YR3/6-Moist); ; Light medium clay; Dry; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Morphological Notes 	A12 0.1 - 0.4	Moderately moist; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach,							
- 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Morphological Notes	B21 0.4 - 0.7	Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field							
	B22 0.7 - 0.9								
Site Notes		<u>7.05</u>							

Site Notes

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:2207Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Test Results:

Depth m	рН	1:5 EC dS/m		nangeable Mg	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			%		,
Depth	COLE	S et				ater Conte		Der	Ks	at	K unsat	
m		Sat.	0.05 Bar		0.5 Bar g - m3/m3	1 Bar B	5 Bar 15	Dar	mm	/h	mm/h	

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:2207Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Analyses Completed for this profile