Project Name:	Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD						
Project Code:	DLR	Site ID:	333	Observation ID:	1		
Agency Name:	QLD Departmer	it of Prima	ry Industries				

Site Information

 blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - 0.08 - 0.18 m Reddish brown (5YR4/4-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Abrupt, Smooth change to - 0.18 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.3); Clear, Smooth change to - 		ntormation							
Ap Ref: Sheet No.: 8157 GPS Rainfall: No Data Sorthing/Log: 7755554 AM6 zone: 55 Runoff: Slow Sating/Lat: 434661 Datum: AGD66 Drainage: Well drained Secolary Stave Conf. Sub. is Parent. Mat:: No Data Substrate Material: Undisturbed soil core, Granodiorite and Form No Data Substrate Material: Undisturbed soil core, Granodiorite Singles Class: Undulating rises 9-30m 3-10% Pattern Type: Rises Norph. Type: Hillsope Aspect: 270 degrees Surface Soil Condition (dry): Hardsetting Fartern Type: NA Soil Classification: Mapping Unit: N/A Varstala Soil Classification: Great Soil Group: Non-calcic brown No analytical data are available but confidence is fair. soil Soil Size Disturbance: No flective disturbance other than grazing by hoofed animals Kegetation: Kegetation: Low Strata - Tuseck grass, 0.51-1m, Mid-dense. "Species includes - Eucalyptus erythrophilola; Sacia bidwillii Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus erythrophilola; <t< th=""><th></th><th>•</th><th></th><th></th><th>200 m etm</th><th></th><th></th></t<>		•			200 m etm				
NormingLong: 7755554 AMG zone: 55 Runoff: Slow Satting/Lat:: 434661 Datum: AGD66 Drainage: Well drained Scol. Ref.: No Data Conf. Sub. is Parent. Mat:: No Data Scol. Ref.: No Data Substrate Material: Undisturbed soil core, Granodiorite Scol. Ref.: No Data Substrate Material: Undisturbed soil core, Granodiorite Scol. Ref.: No Data Substrate Material: Undisturbed soil core, Granodiorite Scol. Ref.: No Data Substrate Material: No Data Suprace Soil Condition (dry): Hardsetting Sige Category: Gently inclined Aspect: 270 degrees N/A Stoll Classification Mapping Unit:: N/A Australian Soil Classification: Greet Soil Group: Non-calic brown No analytical data are available but confidence is fair. Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Low Strata - Tussock graze, *Species includes - Chrysopogon fallax, Heteropogor Mattace Coarse Fragments: No surface coarse fragments: No surface coarse fragments. Surface Coarse Fragments:						es			
Trainage: Well drained Baclogy Sposure Type: No Data Conf. Sub. is Parent. Mat:: No Data Seol. Ref.: No Data Substrate Material: Undisturbed soil core, Granodiorite Beol. Ref.: No Data Substrate Material: Undisturbed soil core, Granodiorite Ref.: No Data Substrate Material: Undisturbed soil core, Granodiorite Ref.: Upper-stope Relief: No Data Stope Category: Gently inclined Aspect: 270 degrees Substrate Material: Upper-stope Stope Category: Gently inclined Stope: 3 % Aspect: 270 degrees Substrate Material: N/A Stope Category: Gently inclined Stope: 3 % Aspect: 270 degrees Substrate Material: N/A Stope Category: Conf. Sub. is Parent. Mat:: N/A Stope: 3 % Aspect: 270 degrees Stope Category: Conf. Sub. is Parent. Mat:: N/A Stope:									
Beology Conf. Sub. is Parent. Mat.: No Data Scholl Ref.: No Data Scholl Ref.: No Data Substrate Material: Undisturbed soil core, Granodiorite and Form Upper-slope Morph. Type: Upper-slope Simple: 3% Surface Soil Condition (drv): Hardsetting Solo I Classification Aspect: Australian Soil Classification: Mapping Unit: N/A Applic Strophic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: Dr2.12 No analytical data are available but confidence is fair. Soil Soil No analytical data are available but confidence is fair. Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Low Strata - Tuesook grass, 0.51-1m, Mid-dense. "Species includes - Chrysopogon fallax, Heteropogor infortus. Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophiola, dispersed, Granodiorite, coarse fragments Pofile Morphology No surface coarse fragments: No surface coarse fragments; No surface coarse fragments; Calcareous, ; Gypseous, ; Field PH 6.5 (Raupach, 0.05); Clear, Smooth change to - 31 0.08 - 0.18 m Reddish brown (7.5YR3/3-Moist); Coarse s						hed			
ExposureType: No Data Conf. Sub. is Parent. Mat.: No Data Bool. Ref.: No Data Substrate Material: Undisturbed soil core, Granodiorite and Form Substrate Material: Undisturbed soil core, Granodiorite Rel/Sippe Class: Undualing rises 9-30m 3-10% Pattern Type: Rises Norph. Type: Hillslope Aspect: 270 degrees Surface Soil Condition (dry): Hardsetting Slope Category: Genity inclined Soli Classification: Mapping Unit: N/A Happic Europhic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: Dr2.12 Jayey Shallow Soil Classification: Mapping Unit: N/A ASC Confidence: Ko effective disturbance other than grazing by hoofed animals Soil Rogetation: Low Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophilo Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophilo Red strate and to the strate and to the proper strate and tot the proper stree and to the proper stree and to the proper strat		•	454001 Datum. AOD00	Dramage.	wen uran	ieu			
Seol. Ref.: No Data Substrate Material: Undisturbed soil core, Granodiorite and Form Stel/Slope Class: Undulating rises 9-30m 3-10% Pattern Type: Rises Reflief: No Data Roberts No Data Step: 3 % Sope Category: Genty inclined Step: 3 % Aspect: 270 degrees Sufface Soil Condition (dry): Hardsetting Hardsetting No Aspect: No Aspect: Soil Classification: Naustralian Soil Classification: Mapping Unit: N/A Australian Soil Classification: Great Soil Group: Non-calcic brown No analytical data are available but confidence is fair. Soil Soil No analytical data are available but confidence is fair. Soil Soil No analytical data are available but confidence is fair. Soil Soil Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophiloa, caclabidwillit Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus crebra, Eucalyptus erythrophiloa, dispersed, Granodionite, coarse fragments: Calcareous,, Gypeous,, Field ph 6.5 No - 0.08 m Dark brown (7.5YR3/3-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Sub			No Data	Conf Sub is Pare	nt Mat ·	No Date	3		
and Form Pattern Type: Rises Rel/Slope Class: Upper-slope Pattern Type: Rises Slope: 3% Slope Category: Gently inclined Slope: 3% Aspect: 270 degrees Surface Soil Condition (dry): Hardsetting Hardsetting Trosion: Soil Classification Mapping Unit: N/A Vastralian Soil Classification: Mapping Unit: N/A Asplic Europhic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: Dr2.12 Slay Shallow Soil Soil Soil Asc Confidence: Oreat Soil Group: Non-calcic brown No analytical data are available but confidence is fair. Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Gegetation: Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophiloia, icalyptus Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus crebra, Eucalyptus erythrophiloia, icalyptus Surface Coarse Fragments: No surface coarse fragments: Colares sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodionite, coarse									
Type: Upper-slope States Pattern Type: Relief: No Data Silope: 3 % Aspect: 270 degrees Surface Soil Condition (dry): Hardsetting Frestore Soil Classification: Mapping Unit: N/A Australian Soil Classification: Mapping Unit: N/A Agplic Eutrophic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: Dr2.12 No analytical data are available but confidence is fair. Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Soil Vegetation: Low Strata - Tree, 6.01-12m, Sparse. *Species includes - Chrysopogon fallax, Heteropogor infortus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus erythrophloia, calyptus Surface Coarse Fragments: No surface coarse fragments; No surface coarse fragments; Calacrous, ;; Gypseous, ;; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - (Raupach, 0.03); Clear, Smooth change to - (Raupach, 0.3); Clear, Smooth change to - (Raup			No Data	Substrate Materia	1.	Unuisit	inded soli core, Granddionte		
Morph.Type: Upper-slope Relief: No Data Silpe: 3 % Aspect: 270 degrees Sufface Soil Condition (dry): Hardsetting 270 degrees Soil Classification: Soil Classification: N/A Vastralian Soil Classification: Mapping Unit: N/A Vastralian Soil Classification: Mapping Unit: N/A Stayey Shallow Soil Classification: N/A State are available but confidence is fair. Soil Soil State Disturbance: Great Soil Group: Non-calcic brown Soil Classification: Low Strata - Tussock grass, 0.51-1m, Mid-dense. "Species includes - Chrysopogon fallax, Heteropogor Notrotus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophiloia, calyptus Surface Coarse Fragments: No surface coarse fragments: No surface coarse fragments: Profile Morphology Anistida species fragments: Clasare fragments; Calcareous, .; Gareeous, .; Gypseous, .; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - N3 0.08 - 0.18 m Bark brown (7.5YR3/3-Moist); Coarse sand; Weak grade of structure, 10-20 mm, Subangular dipersed, Granodiorite, coarse fragments; Calcareous, .; , Gypseous, .; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to -				.	D .				
Elem. Type: Hillslope Slope Category: Gently inclined Slope: 3 % Aspect: 270 degrees Surface Soil Condition (dry): Hardsetting Erosion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Hardsetting Erosion: Soil Classification: Mapping Unit: N/A Hardsetting Erosion: Dr2.12 Saysy Shallow ASC Confidence: Great Soil Group: Non-calcic brown No analytical data are available but confidence is fair. Soil Ste Disturbance: No effective disturbance other than grazing by hoofed animals <u>/egetation:</u> Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Chrysopogon fallax, Heteropogor motorus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus erythrophloia, ical bidwillii Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia, icalyptus Surface Coarse Fragments: No surface coarse fragments Profile Morphology 11 0 - 0.08 m Dark brown (7:5YR3/3-Moist); : Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; Calcareous, ; ; , Gypseous, ; ; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - 321 0.18 - 0.4m Dark reddish brown (2:SYR3/4-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, ; ; , Gypseous, ; , ; Field pH 6.5 (Raupach, 0.3); Clear, Smooth change to - 321 0.18 - 0.4m Dark reddish brown (2:SYR3/4-Moist); Substrate influence, SYR58, 10-20%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, ; ; , Gypseous, ; ; Field pH 7 (Raupach, 0.3); Clear, Smooth change to - 326 0.4 - 0.5 m Dark red (2:SYR3/8-Moist); Substrate influence, SYR58, 10-20%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareou			0						
Stope: 3 % Aspect: 270 degrees Surface Soil Condition (dry): Hardsetting Frosion: Soil Classification: Australian Soil Classification: Mapping Unit: N/A Applic Eutrophic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: D12.12 Zayey Shallow Great Soil Group: Non-calcic brown Soil Distribution: Soil Soil No analytical data are available but confidence is fair. Soil Soil The Disturbance: No effective disturbance other than grazing by hoofed animals Jone-calcic brown Aggetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. "Species includes - Chrysopogon fallax, Heteropogor Intortus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophiloia, Surface Coarse Fragments: No analytical decoarse Fragments: No surface coarse fragments: Profile Morphology Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus crebra, Eucalyptus erythrophiloia, Granodiorite, coarse fragments: Profile Morphology Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus crebra, Eucalyptus erythrophiloia, Granodiorite, coarse fragments: Profile Morphology Tall Strata - Tree, 6.01-12m, Sparse."Species includes - Eucal						clinod			
Surface Soil Condition (drv): Hardsetting Fosion: Soil Classification Australian Soil Classification: Australian Soil Classification: Applic Eutrophic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: Dr2.12 Zlayey Shallow ASC Confidence: Great Soil Group: Non-calcic brown No analytical data are available but confidence is fair. Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Low Strata - Tussock grass, 0.51-1m, Mid-dense. "Species includes - Chrysopogon fallax, Heteropogor nitorus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophiloia, icalyptus Surface Coarse Fragments: No surface coarse fragments Profile Morphology Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus crebra, Eucalyptus erythrophiloia, icalyptus Surface Coarse Fragments: No surface coarse fragments; Calcareous, .; Gypseous, .; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - N1 0 - 0.08 m Dark brown (7.5YR3/3-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; Calcareous, .; , Gypseous, .; Field pH 6.5 (Raupach, 0.3); Clear, Smooth change to -									
Erosion: Soil Classification Nastralian Soil Classification: Hapic Eutrophic Red Chromosol Medium Non-gravelly Sandy Mapping Unit: Principal Profile Form: Dr2.12 N/A Dr2.12 Step Disturbance: No effective disturbance other than grazing by hoofed animals Mapping Unit: Soil Non-calcic brown Soil Asc Confidence: Great Soil Group: Non-calcic brown Soil Ste Disturbance: No effective disturbance other than grazing by hoofed animals // Age Confidence: Low Strata - Tussock grass, 0.51-1m, Mid-dense. "Species includes - Chrysopogon fallax, Heteropogor intortus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophilo acial bidwillii Surface Coarse Fragments: No surface coarse fragments: Profile Morphology No for SYR3/3-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky: Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - X3 0.08 - 0.18 m Redish brown (5/SYR3/4-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.3); Clear, Smooth change to - X3 0.08 - 0.18 m Redish brown (2.5YR3/4-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular block	•			Азреен.	270 degre	003			
Solid Classification: Mapping Unit: N/A Australian Soil Classification: Mapping Unit: N/A Applic Eutrophic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: Dr2.12 Sizey Shallow Great Soil Group: Non-calcic brown ASC Confidence: Great Soil Group: Non-calcic brown No analytical data are available but confidence is fair. Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Mapping Unit: Non-calcic brown Aggetation: No effective disturbance other than grazing by hoofed animals Mapping Unit: Non-calcic brown Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Chrysopogon fallax, Heteropogor Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophloia, ucalyptus Surface Coarse Fragments: No surface coarse fragments: No surface coarse fragments: Yoffile Morphology No Dark brown (7.5YR3/3-Moist); : Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 Na 0.08 - 0.18 m Reddish brown (5YR			Hardsetting						
Australian Soil Classification: Mapping Unit: N/A taplic Eutrophic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: Dr2.12 Charles Soil Classification: Soil Soil No analytical data are available but confidence is fair. Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Jone-calcic brown Zegetation: No effective disturbance other than grazing by hoofed animals Jone-calcic brown Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophloia, ucalyptus Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophloia, ucalyptus Surface Coarse Fragments: No surface coarse fragments: No surface coarse fragments; Profile Morphology No - 0.08 m Dark brown (7.5YR3/3-Moist); Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; Calcareous, ; ; Gypseous, ; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - N3 0.08 - 0.18 m Reddish brown (2.5YR3/4-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; Calcareous, ; ; Gypseous, ; Field pH 7 (Raupach, 0.3); Clear, Smooth change to -									
Haplic Eutrophic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: Dr2.12 Clayey Shallow ASC Confidence: Great Soil Group: Non-calcic brown No analytical data are available but confidence is fair. Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Chrysopogon fallax, Heteropogor infortus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus erythrophloia, acai bidwillii Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia, Surface Coarse Fragments: No - 0.08 m Dark brown (7.5YR3/3-Moist); Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; Calcareous, ; , Gypseous, ; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - N3 0.08 - 0.18 m Reddish brown (5YR4/4-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, ; , Gypseous, ; ; Abrupt, Smooth change to - N4 0.08 - 0.18 m Reddish brown (2.5YR3/4-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, ; , Gypseous	Soil C	Classification	on						
Haplic Eutrophic Red Chromosol Medium Non-gravelly Sandy Principal Profile Form: Dr2.12 Clayey Shallow Great Soil Group: Non-calcic brown ASC Confidence: Great Soil Group: Non-calcic brown Soil Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Chrysopogon fallax, Heteropogor Intortus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus erythrophloia, acralyptus Surface Coarse Fragments: No surface coarse fragments Yorfile Morphology No surface coarse fragments; V1 0 - 0.08 m Dark brown (7.5YR3/3-Moist); Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry, Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, ; ; Gypseous, ; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - X3 0.08 - 0.18 m Reddish brown (5YR4/4-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry, Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, ; ; Gypseous, ; Abrupt, Smooth change to - X3 0.08 - 0.18 m Reddish brown (2.5YR3/4-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry, Strong consist	Austra	alian Soil Cla	assification:	Mappi	ing Unit:		N/A		
 Clayey Shallow ASC Confidence: Great Soil Group: Non-calcic brown No analytical data are available but confidence is fair. Soil Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals Zegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Chrysopogon fallax, Heteropogor ontortus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus erythrophlo acai bidwillii Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia, ucalyptus Surface Coarse Fragments: No surface coarse fragments Profile Morphology 0 - 0.08 m Dark brown (7.5YR3/3-Moist); Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; Calcareous, , ; Gypseous, ; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - 0.08 - 0.18 m Reddish brown (2.5YR3/4-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Pri firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; Calcareous, , ; Gypseous, ; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - 0.18 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.3); Clear, Smooth change to - 3/C 0.4 - 0.5 m Dark red (2.5YR3/4-Moist); Substrate influence, 5YR58, 10-20% , 5-15mm, Prominent; Substrate influence, 10-20% ; Light clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dr	Haplic	Eutrophic Re	ed Chromosol Medium Non-gravel	••	•	Form:	Dr2.12		
No analytical data are available but confidence is fair. Soil Site Disturbance: No effective disturbance other than grazing by hoofed animals //egetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. "Species includes - Chrysopogon fallax, Heteropogor intortus, Aristida species Mid Strata - Tree, 3.01-6m, Isolated plants. "Species includes - Eucalyptus erythrophloia, calyptus acai bidwillii Tall Strata - Tree, 6.01-12m, Sparse. "Species includes - Eucalyptus crebra, Eucalyptus erythrophloia, calyptus Surface Coarse Fragments: No surface coarse fragments: No 0.08 m Dark brown (7.5YR3/3-Moist); Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; Calcareous, .; , Gypseous, .; Field pH 6.5 (Raupach, 0.05); Clear, Smooth change to - N3 0.08 - 0.18 m Reddish brown (5YR4/4-Moist); ; Coarse sand; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, .; , Gypseous, .; ; Abrupt, Smooth change to - 821 0.18 - 0.4 m Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, .; , Gypseous, .; Field pH 7 (Raupach, 0.3); Clear, Smooth change to - 3/C 0.4 - 0.5	Clayey	/ Shallow	C C						
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Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.3); Clear, Smooth change to - B/C 0.4 - 0.5 m Dark red (2.5YR3/8-Moist); Substrate influence, 5YR58, 10-20%, 5-15mm, Prominent; Substrate influence, 10-20%; Light clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth- ped fabric; Dry; Strong consistence; 2-10%, medium gravelly, 6-20mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Morphological Notes	A3	0.08 - 0.1	blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Abrupt, Smooth						
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	3/C	0.4 - 0.5 n	influence, 10-20% ; Light clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth- ped fabric; Dry; Strong consistence; 2-10%, medium gravelly, 6-20mm, angular, dispersed,						
	Morn	hological N	lotes						

Site Notes

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:333Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Test Results:

Depth m	рН	1:5 EC dS/m		angeable Ig	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	Pa GV	rticle CS	Size FS	Analysis Silt Clay
m	%	%	mg/kg	г %	%	к %	Mg/m3	Gv	03	%	Sint Ciay
Depth	COLE		Gravi	motrioNa	lumetric W	latar Cant	onto		Ks	~*	K unsat
m	COLE	Sat.		0.1 Bar	0.5 Bar g - m3/m3	1 Bar		Bar	mm		mm/h

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID: 333Observation ID: 1Agency Name:QLD Department of Primary Industries

Laboratory Analyses Completed for this profile