Project Name: Project Code: Agency Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD DLR Site ID: 2047 Observation ID: 1 QLD Department of Primary Industries

Site	Information	

Geol. Ref.: No Data Substrate Material: Undisturbed soil core, No Data Land Form RelVSlope Class: Level plain <9m <1% Pattern Type: Plain Morph, Type: Flat Relieft: No Data Slope Category: Level Slope: 1% Aspect: No Data Surface Soil Condition (dry): Cracking, Self-mulching No Data Surface Soil Condition (dry): Cracking, Self-mulching No Data Soil Classification: Mapping Unit: N/A Hapin: Self-Mulching Black Vertosol Non-gravelly Medium fine Principal Profile Form: Ug5.1 Very fine Deep Very for Morthere Black earth No analytical data are available but confidence is fair. Great Soil Group: Black earth No analytical data are available but confidence is fair. Species includes - None recorded Mid Strata - Tree, 1.01-3m, Isolated plants: Species includes - None recorded Mid Strata - Tree, 1.01-3m, Isolated plants: Species includes - Melaleuca bracteata Tail Strata - Tree, 1.01-3m, Isolated plants: Species includes - Melaleuca bracteata Tail Strata - Tree, 1.01-3m, Isolated plants: Species includes - Melaleuca bracteata Tail St	Site Infor Desc. By: Date Desc Map Ref.: Northing/L Easting/La <u>Geology</u> Exposure	Barı 24/(She Long.: 780 at.: 305	ry, Earl)6/93 et No. : 7958 GPS 8220 AMG zone: 55 115 Datum: AGD66 Data	Locality: Elevation: Rainfall: Runoff: Drainage: Conf. Sub. is Pare		No Data No Data Slow Imperfect nt. Mat.:				
Rei/Slope Class: Level plain <9m <1%							No Data Undisturbed soil core, No Data			
Erosion: Soil Classification Australian Soil Classification: Mapping Unit: N/A Haplic Self-Mulching Black Vertosol Non-gravelly Medium fine Principal Profile Form: Ug5.1 Very fine Deep Great Soil Group: Black earth ASC Confidence: Great Soil Group: Black earth No analytical data are available but confidence is fair. Site Disturbance: No effective disturbance other thang grazing by hoofed animals Vegetation: Low Strata - Tussock grass, 0.51-1m, Very sparse. "Species includes - None recorded Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - None recorded Mid Strata - Tree, 1.2.01-20m, Isolated plants. "Species includes - Eucalyptus orgadophylla Surface Coarse Fragments: 0-2%, stony, 200-600mm, rounded, Basalt Profile Morphology Very dark greyish brown (2.5Y3/2-Moist); Light medium clay; Strong grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, , ; Field pH 7 (Raupach, 0.02); Abrupt change to - A12 0.03 - 0.25 m Very dark greyish brown (2.5Y3/2-Moist); Heavy clay; Moderate grade of structure, 50-100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to - B21 0.25 - 0.5 m	Rel/Slope Morph. Ty Elem. Typ	Class: Lev vpe: Flat ve: Plat	t in	Relief: Slope Cate	No Data Level					
Soil Classification Mapping Unit: N/A Haplic Self-Mulching Black Vertosol Non-gravelly Medium fine Principal Profile Form: Ug5.1 Very fine Deep Great Soil Group: Black earth No analytical data are available but confidence is fair. Great Soil Group: Black earth No analytical data are available but confidence is fair. Great Soil Group: Black earth Vegetation: Low Strata - Tussock grass, 0.51-1m, Very sparse. "Species includes - None recorded Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Melaleuca bracteata Tall Strata - Tree, 1.201-20m, Isolated plants. "Species includes - Eucalyptus orgadophylla Surface Coarse Fragments: 0-2%, stony, 200-600mm, rounded, Basalt Profile Morphology Very dark greyish brown (2.5Y3/2-Moist); ; Light medium clay; Strong grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, ; Field pH 7 (Raupach, 0.02); Abrupt change to - A12 0.03 - 0.25 m Very dark greyish brown (2.5Y3/2-Moist); ; Medium heavy clay; Moderate grade of structure, 50-100 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Gypseous, ; ; Field pH 7 (Raupach, 0.2); Clear change to - B21 0.25 - 0.5 m Dark olive grey (5Y3/2-Moist); ; Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Sm	Surface S	Soil Condit	tion (dry): Cracking, Self-m	ulching						
Australian Soil Classification: Mapping Unit: N/A Haplic Self-Mulching Black Vertosol Non-gravelly Medium fine Principal Profile Form: Ug5.1 Very fine Deep Great Soil Group: Black earth No analytical data are available but confidence is fair. Great Soil Group: Black earth No analytical data are available but confidence is fair. Every space. "Species includes - None recorded Mid Strata - Tree, 1.01-3m, Isolated plants. "Species includes - Melaleuca bracteata Tall Strata - Tree, 12.01-20m, Isolated plants. "Species includes - Eucalyptus orgadophylla Surface Coarse Fragments: 0-2%, stony, 200-600mm, rounded, Basalt Profile Morphology Very dark greyish brown (2.5Y3/2-Moist); Light medium clay; Strong grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, ; Field pH 7 (Raupach, 0.02); Abrupt change to - A11 0 - 0.03 m Very dark greyish brown (2.5Y3/2-Moist); Heavy clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, ; Field pH 7 (Raupach, 0.2); Clear change to - A12 0.03 - 0.25 m Very dark greyish brown (2.5Y3/2-Moist); Heavy clay; Strong grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, ; ; Gypseous, ; Field pH 7 (Raupach, 0.2); Clear change to -										
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 Very fine Deep ASC Confidence: 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, Very sparse. *Species includes - None recorded Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Melaleuca bracteata Tall Strata - Tree, 1.201-20m, Isolated plants. *Species includes - Eucalyptus orgadophylla Surface Coarse Fragments: 0-2%, stony, 200-600mm, rounded, Basalt Profile Morphology A11 0-0.03 m Very dark greyish brown (2.5Y3/2-Moist); Light medium clay; Strong grade of structure, <2 mm, Granular, Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, ,; Field pH 7 (Raupach, 0.02); Abrupt change to - A12 0.03 - 0.25 m Very dark greyish brown (2.5Y3/2-Moist); ; Medium heavy clay; Moderate grade of structure, 50- 100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, ,; Gypseous, ,; Field pH 7 (Raupach, 0.2); Clear change to - B21 0.25 - 0.5 m Bark olive grey (5Y3/2-Moist); ; Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, ,; Gypseous, ,; Field pH 8 (Raupach, 0.4); Gradual change to - B22 0.5 - 0.7 m Dark olive grey (5Y3/2-Moist); Mottles, 2.5Y44, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Heavy clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , C				ium fine						
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, Very sparse. *Species includes - None recorded Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Melaleuca bracteata Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus orgadophylla Surface Coarse Fragments: 0-2%, stony, 200-600mm, rounded, Basalt Profile Morphology A11 0 - 0.03 m A11 0 - 0.03 m Very dark greyish brown (2.5Y3/2-Moist); ; Light medium clay; Strong grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, , ; Field pH 7 (Raupach, 0.02); Abrupt change to - A12 0.03 - 0.25 m Very dark greyish brown (2.5Y3/2-Moist); Heavy clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to - B21 0.25 - 0.5 m Dark olive grey (5Y3/2-Moist); : Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.4); Gradual change to - B22 0.5 - 0.7 m Dark ol	2	•	ů ,					•		
Site Disturbance: No effective disturbance other than grazing by hoofed animalsVegetation: Low Strata - Tussock grass, 0.51-1m, Very sparse. *Species includes - None recorded Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Melaleuca bracteata Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus orgadophyllaSurface Coarse Fragments: O - 0.03 m0.2%, stony, 200-600mm, rounded, BasaltProfile Morphology A110 - 0.03 mVery dark greyish brown (2.5Y3/2-Moist); ; Light medium clay; Strong grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, , ; Field pH 7 (Raupach, 0.02); Abrupt change to -A120.03 - 0.25 mVery dark greyish brown (2.5Y3/2-Moist); ; Medium heavy clay; Moderate grade of structure, 50- 100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to -B210.25 - 0.5 mDark olive grey (5Y3/2-Moist); ; Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.4); Gradual change to -B220.5 - 0.7 mDark olive grey (5Y3/2-Moist); Mottles, 2.5Y44, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Heavy clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consi			available but confidence is fair.		Great	Soil Group):	Black earth		
 Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Melaleuca bracteata Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus orgadophylla Surface Coarse Fragments: 0-2%, stony, 200-600mm, rounded, Basalt Profile Morphology A11 0 - 0.03 m Very dark greyish brown (2.5Y3/2-Moist); ; Light medium clay; Strong grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, , ; Field pH 7 (Raupach, 0.02); Abrupt change to - A12 0.03 - 0.25 m Very dark greyish brown (2.5Y3/2-Moist); ; Medium heavy clay; Moderate grade of structure, 50- 100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to - B21 0.25 - 0.5 m Bark olive grey (5Y3/2-Moist); ; Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.4); Gradual change to - B22 0.5 - 0.7 m Dark olive grey (5Y3/2-Moist); Mottles, 2.5Y44, 2-10%, 5-15mm, Distinct; Mottles, 2-10% ; Heavy clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.7); 					oy hoofe	d animals				
Surface Coarse Fragments:0-2%, stony, 200-600mm, rounded, BasaltProfile MorphologyVery dark greyish brown (2.5Y3/2-Moist); ; Light medium clay; Strong grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, , ; Field pH 7 (Raupach, 0.02); Abrupt change to -A120.03 - 0.25 mVery dark greyish brown (2.5Y3/2-Moist); ; Medium heavy clay; Moderate grade of structure, 50- 100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to -B210.25 - 0.5 mDark olive grey (5Y3/2-Moist); ; Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.4); Gradual change to -B220.5 - 0.7 mDark olive grey (5Y3/2-Moist); Mottles, 2.5Y44, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Heavy clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.7);	Vegetation: Low Strata - Tussock grass, 0.51-1m, Very sparse. *Species includes - None recorded									
Profile MorphologyA110 - 0.03 mVery dark greyish brown (2.5Y3/2-Moist); ; Light medium clay; Strong grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, ,; Field pH 7 (Raupach, 0.02); Abrupt change to -A120.03 - 0.25 mVery dark greyish brown (2.5Y3/2-Moist); ; Medium heavy clay; Moderate grade of structure, 50- 100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, ,; , Gypseous, ,; Field pH 7 (Raupach, 0.2); Clear change to -B210.25 - 0.5 mDark olive grey (5Y3/2-Moist); ; Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, ,; , Gypseous, ,; Field pH 8 (Raupach, 0.4); Gradual change to -B220.5 - 0.7 mDark olive grey (5Y3/2-Moist); Mottles, 2.5Y44, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Heavy clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, ,; , Gypseous, ,; Field pH 8.5 (Raupach, 0.7);	Surface			•	•		es - Euca	lyptus orgadophylla		
A110 - 0.03 mVery dark greyish brown (2.5Y3/2-Moist); ; Light medium clay; Strong grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, , ; Field pH 7 (Raupach, 0.02); Abrupt change to -A120.03 - 0.25 mVery dark greyish brown (2.5Y3/2-Moist); ; Medium heavy clay; Moderate grade of structure, 50- 100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to -B210.25 - 0.5 mDark olive grey (5Y3/2-Moist); ; Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.4); Gradual change to -B220.5 - 0.7 mDark olive grey (5Y3/2-Moist); Mottles, 2.5Y44, 2-10%, 5-15mm, Distinct; Mottles, 2-10% ; Heavy clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.7);					ieu, Das	all				
 Granular; Šmooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Nodules; , Gypseous, , ; Field pH 7 (Raupach, 0.02); Abrupt change to - A12 0.03 - 0.25 m Very dark greyish brown (2.5Y3/2-Moist); ; Medium heavy clay; Moderate grade of structure, 50- 100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to - B21 0.25 - 0.5 m Dark olive grey (5Y3/2-Moist); ; Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.4); Gradual change to - B22 0.5 - 0.7 m Dark olive grey (5Y3/2-Moist); Mottles, 2.5Y44, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Heavy clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.7); 				5Y3/2-Moist)	: : Liaht	medium cl	av: Stror	ng grade of structure. <2 mm.		
 100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to - B21 0.25 - 0.5 m Dark olive grey (5Y3/2-Moist); ; Heavy clay; Strong grade of structure, 20-50 mm, Lenticular; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.4); Gradual change to - B22 0.5 - 0.7 m Dark olive grey (5Y3/2-Moist); Mottles, 2.5Y44, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Heavy clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.7); 			Granular; Smooth-ped fabric; Dry; Very weak consistence; Very few (0 - 2 %), Calcareous,							
 Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.4); Gradual change to - B22 0.5 - 0.7 m Dark olive grey (5Y3/2-Moist); Mottles, 2.5Y44, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Heavy clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Roughped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; Field pH 8.5 (Raupach, 0.7); 	A12 0	100 mm, Subangular blocky; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Rigid consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm),								
clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.7);	B21 0	Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; Few cutans, <10% of ped faces or walls coated, distinct; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach,								
Morphological Notes	B22 0	clay; Massive grade of structure; Weak grade of structure, 20-50 mm, Subangular blocky; Rough- ped fabric; Moderately moist; Very strong consistence; Few (2 - 10 %), Manganiferous, Fine (0 -								
	<u>Morpholo</u>	ogical Note	<u>es</u>							

Observation Notes

Site Notes

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:2047Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Test Results:

Depth m	рН	1:5 EC dS/m		angeable /Ig	Cations K	Ex Na Cmol (+)/	cchangeable Acidity kg	CEC		ECEC	ESP %
Depth m	CaCO3 %	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Par GV	ticle CS	Size FS %	Analysis Silt Clay
			5.5				J.				
Depth	COLE		Gravimetric/Volumetric Water Contents					Ks	at	K unsat	
m		Sat.	0.05 Bar		0.5 Bar g - m3/m3	1 Bar	5 Bar 15	Bar	mm	/h	mm/h

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Laboratory Analyses Completed for this profile