Project Name:WAGGA WAGGA SOIL LANDSCAPESProject Code:1000448Site ID:Agency Name:CSIRO Division of Soils (ACT)

Observation ID: 1

Site Information									
Desc. By:	Chen								
Date Desc.:	15/07		Elevation:	262 metres					
Map Ref.:		t No. : 8327 1:25000	Rainfall:	No Data					
Northing/Long		625 AMG zone: 55	Runoff:	Moderately rapid					
Easting/Lat.:	52084	25 Datum: AGD66	a: AGD66 Drainage: Moderately well drained						
<u>Geology</u> _					Probabl				
ExposureType		ata	Conf. Sub. is Pare		-				
Geol. Ref.:	Ou		Substrate Material		Siltston	Siltstone			
Land Form									
Rel/Slope Clas			Pattern Type:	Rises					
Morph. Type:	Mid-s	•	Relief:	No Data					
Elem. Type:	Hillsl	ope	Slope Category:	No Data					
Slope:	7 %		Aspect:	135 degr	ees				
Surface Soil	Conditio	on (dry): Hardsetting							
Erosion: Pa	rtial, Mod	lerate (sheet)							
Soil Classific	ation								
Australian Soil Classification: Mapping Unit: N/A									
Australian Soil	Classifi	cation:	Mappir	ng Unit:		N/A			
		cation: hin Gravelly Sandy		•	Form:	N/A Dr2.11			
	omosol T		Princip	ng Unit: bal Profile Soil Group					
Haplic Red Chro	omosol T ce:	hin Gravelly Sandy	Princip	oal Profile		Dr2.11			
Haplic Red Chro ASC Confiden Confidence leve	omosol T ce: el not spe	hin Gravelly Sandy	Princip Great S	oal Profile Soil Group):	Dr2.11			
Haplic Red Chro ASC Confiden Confidence leve	omosol T ce: el not spe	hin Gravelly Sandy ecified	Princip Great S	oal Profile Soil Group):	Dr2.11			
Haplic Red Chro ASC Confiden Confidence leve Site Disturba Vegetation:	omosol T ce: el not spe <u>nce:</u> Co	hin Gravelly Sandy ecified	Princip Great s	oal Profile Soil Group): /ated	Dr2.11 N/A			
Haplic Red Chro ASC Confiden Confidence leve Site Disturba Vegetation: Surface Coar	omosol T ce: el not spe nce: Co se Frag	hin Gravelly Sandy ecified omplete clearing. Pasture, nat	Princip Great s	oal Profile Soil Group): /ated	Dr2.11 N/A			
Haplic Red Chro ASC Confiden Confidence leve Site Disturba Vegetation: Surface Coar Profile Morph	omosol T ce: el not spe nce: Co se Frag ology	hin Gravelly Sandy ecified omplete clearing. Pasture, nat I ments: 0-2%, medium grav	Princip Great s ive or improved, but i relly, 6-20mm, suban	oal Profile Soil Group never cultiv gular, Qua	o: /ated rtz; No si	Dr2.11 N/A urface coarse fragments			
Haplic Red Chro ASC Confiden Confidence leve Site Disturba Vegetation: Surface Coar	omosol T ce: el not spe nce: Co se Frag ology	hin Gravelly Sandy ecified omplete clearing. Pasture, nat I ments: 0-2%, medium grav Reddish brown (5YR4/4-Mo	Princip Great s ive or improved, but i relly, 6-20mm, suban ist); ; Sandy loam; M	oal Profile Soil Group never cultiv gular, Qua assive grad	o: /ated rtz; No su de of stru	Dr2.11 N/A urface coarse fragments ucture; Earthy fabric;			
Haplic Red Chro ASC Confiden Confidence leve Site Disturba Vegetation: Surface Coar Profile Morph	omosol T ce: el not spe nce: Co se Frag ology	hin Gravelly Sandy ecified omplete clearing. Pasture, nat I ments: 0-2%, medium grav Reddish brown (5YR4/4-Mo Common (1-5 per 100mm2)	Princip Great s ive or improved, but i relly, 6-20mm, suban- ist); ; Sandy loam; M Very fine (0.075-1mi	aal Profile Soil Group never cultiv gular, Qua assive graa m) macrop	o: /ated rtz; No su de of stru ores, Fev	Dr2.11 N/A urface coarse fragments ucture; Earthy fabric; w (<1 per 100mm2) Fine (1-			
Haplic Red Chro ASC Confiden Confidence leve Site Disturba Vegetation: Surface Coar Profile Morph	omosol T ce: el not spe nce: Co se Frag ology	hin Gravelly Sandy ecified omplete clearing. Pasture, nat I ments: 0-2%, medium grav Reddish brown (5YR4/4-Mo	Princip Great s ive or improved, but i relly, 6-20mm, suban ist); ; Sandy loam; M Very fine (0.075-1m ak consistence; Sligh	aal Profile Soil Group never cultiv gular, Qua assive gra m) macrop ntly plastic;	o: /ated rtz; No su de of stru ores, Fev Moderat	Dr2.11 N/A urface coarse fragments ucture; Earthy fabric; w (<1 per 100mm2) Fine (1- rely sticky; 2-10%, fine			
Haplic Red Chro ASC Confiden Confidence leve Site Disturba Vegetation: Surface Coar Profile Morph	omosol T ce: el not spe nce: Co se Frag ology	hin Gravelly Sandy ecified omplete clearing. Pasture, nat ments: 0-2%, medium grav Reddish brown (5YR4/4-Mo Common (1-5 per 100mm2) 2mm) macropores, Dry; We	Princip Great s ive or improved, but i elly, 6-20mm, suban ist); ; Sandy loam; M Very fine (0.075-1m ak consistence; Sligh r platy, dispersed, Sil	al Profile Soil Group never cultiv gular, Qua assive gra m) macrop ttly plastic; tstone, coa	o: vated rtz; No su de of stru ores, Fev Moderat arse fragi	Dr2.11 N/A urface coarse fragments ucture; Earthy fabric; w (<1 per 100mm2) Fine (1- rely sticky; 2-10%, fine			
Haplic Red Chro ASC Confiden Confidence lev Site Disturba Vegetation: Surface Coar Profile Morph A 0 - 0.1	omosol T ce: el not spe <u>nce:</u> Cc <u>se Frag</u> <u>iology</u> 2 m	hin Gravelly Sandy ecified omplete clearing. Pasture, nat ments: 0-2%, medium grav Reddish brown (5YR4/4-Mo Common (1-5 per 100mm2) 2mm) macropores, Dry; We gravelly, 2-6mm, subangula (Raupach); Many, fine (1-2n	Princip Great S ive or improved, but i elly, 6-20mm, suban ist); ; Sandy loam; M Very fine (0.075-1m ak consistence; Sligh r platy, dispersed, Sil nm) roots; Clear, Sm	aal Profile Soil Group never cultiv gular, Qua assive graa m) macrop ntly plastic; tstone, coa ooth chang	vated rtz; No su de of stru ores, Fev Moderat arse fragi ge to -	Dr2.11 N/A urface coarse fragments ucture; Earthy fabric; w (<1 per 100mm2) Fine (1- rely sticky; 2-10%, fine ments; Field pH 5			
Haplic Red Chro ASC Confiden Confidence leve Site Disturba Vegetation: Surface Coar Profile Morph	omosol T ce: el not spe <u>nce:</u> Cc <u>se Frag</u> <u>iology</u> 2 m	hin Gravelly Sandy ecified omplete clearing. Pasture, nat ments: 0-2%, medium grav Reddish brown (5YR4/4-Mo Common (1-5 per 100mm2) 2mm) macropores, Dry; We gravelly, 2-6mm, subangula (Raupach); Many, fine (1-2n Yellowish red (5YR4/8-Mois	Princip Great \$ ive or improved, but i relly, 6-20mm, suban ist); ; Sandy loam; M Very fine (0.075-1m ak consistence; Sligh r platy, dispersed, Sil nm) roots; Clear, Sm t); ; Medium clay; Mc	aal Profile Soil Group never cultiv gular, Qua assive graa m) macrop ntly plastic; tstone, coa ooth chang uderate gra	o: vated rtz; No su de of stru ores, Fer Moderat arse fragi je to - de of stru	Dr2.11 N/A urface coarse fragments ucture; Earthy fabric; w (<1 per 100mm2) Fine (1- ely sticky; 2-10%, fine ments; Field pH 5 ucture, 2-5 mm, Polyhedral;			
Haplic Red Chro ASC Confiden Confidence lev Site Disturba Vegetation: Surface Coar Profile Morph A 0 - 0.1	omosol T ce: el not spe <u>nce:</u> Cc <u>se Frag</u> <u>iology</u> 2 m	hin Gravelly Sandy ecified omplete clearing. Pasture, nat ments: 0-2%, medium grav Reddish brown (5YR4/4-Mo Common (1-5 per 100mm2) 2mm) macropores, Dry; We gravelly, 2-6mm, subangula (Raupach); Many, fine (1-2n Yellowish red (5YR4/8-Mois Rough-ped fabric; Few (<1 p	Princip Great \$ ive or improved, but i relly, 6-20mm, suban ist); ; Sandy loam; M Very fine (0.075-1m ak consistence; Sligh r platy, dispersed, Sil nm) roots; Clear, Sm t); ; Medium clay; Mc per 100mm2) Very fir	al Profile Soil Group never cultiv gular, Qua assive grae m) macrop ttly plastic; tstone, coa ooth chang derate gra ne (0.075-1	xated rtz; No su de of stru ores, Fey Moderat arse fragi ge to - de of stru mm) ma	Dr2.11 N/A urface coarse fragments ucture; Earthy fabric; w (<1 per 100mm2) Fine (1- ely sticky; 2-10%, fine ments; Field pH 5 ucture, 2-5 mm, Polyhedral; cropores, Dry; Very firm			
Haplic Red Chro ASC Confiden Confidence lev Site Disturba Vegetation: Surface Coar Profile Morph A 0 - 0.1	omosol T ce: el not spe <u>nce:</u> Cc <u>se Frag</u> <u>iology</u> 2 m	hin Gravelly Sandy ecified omplete clearing. Pasture, nat ments: 0-2%, medium grav Reddish brown (5YR4/4-Mo Common (1-5 per 100mm2) 2mm) macropores, Dry; We gravelly, 2-6mm, subangula (Raupach); Many, fine (1-2n Yellowish red (5YR4/8-Mois	Princip Great S ive or improved, but i relly, 6-20mm, suban ist); ; Sandy loam; M Very fine (0.075-1m ak consistence; Sligh r platy, dispersed, Sil nm) roots; Clear, Sm t); ; Medium clay; Mc ber 100mm2) Very fir stic; Very sticky; 0-2 ⁶	al Profile Soil Group never cultiv gular, Qua assive grad m) macrop ttly plastic; tstone, coa ooth chang derate gra ne (0.075-1 %, fine gra	xated rtz; No su de of stru ores, Fey Moderat arse fragi ge to - de of stru mm) ma velly, 2-6	Dr2.11 N/A urface coarse fragments ucture; Earthy fabric; w (<1 per 100mm2) Fine (1- ely sticky; 2-10%, fine ments; Field pH 5 ucture, 2-5 mm, Polyhedral; cropores, Dry; Very firm imm, subangular platy,			

Morphological Notes

Observation Notes

Further downslope a bleached A2.

Site Notes

Project Name:WAGGA WAGGA SOIL LANDSCAPESProject Code:1000448Site ID:WW247Observation ID:1Agency Name:CSIRO Division of Soils (ACT)Site ID:WW247Site ID:1

Laboratory Test Results:

Depth pH		1:5 EC	Excha Ca M	angeable (a	Cations K	Ex Na	xchangeable Acidity	CEC	ECEC	ESP
m		dS/m		9	ĸ	Cmol (+)/				%
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Partie GV C	cle Size S FS	Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3		%	-
Depth	COLE		Gravimetric/Volumetric Water Contents K					K sat	K unsat	
m		Sat.	0.05 Bar		0.5 Bar - m3/m3	1 Bar	5 Bar 15	Bar	mm/h	mm/h

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Laboratory Analyses Completed for this profile