#### Project Name: BRUCEDALE/LADYSMITH/GRIGGWARD - Soil Landscape Modelling Project Code: Agency Name: Wagga\_SLM Site ID: BD79 CSIRO Division of Soils (ACT) Observation ID: 1

Site Information       Locality:         Desc. By:       More Ref.:       15007/93       Elevation:       260 metres         Map Ref.:       Sheet No:: 8327 DGPS       Rainfall:       No Data         Northing/Long:       6726744 AMG zone: 55       RunOff:       No Data         Geology       Undisturbed soil core       Conf. Sub. is Parent. Mat:       Probable         Geol. Ref.:       No Data       Relief:       No Data         Morph. Type:       No Data       Relief:       No Data         Borph. Type:       No Data       Relief:       No Data         Slope:       3%       Aspect:       0 degrees         Subrate Bail       Slope Category:       No Data         Australian Soil Classification:       Mapping Unit:       N/A         Australian Soil Classification:       Mapping Unit:       N/A         Australian Soil Classification:       Mapping Unit:       N/A         Stie Disturbance:       Yea       Yea       Stope:         Surface Coarse Fragments:       Profile Morphology       Profile Form:       N/A         Surface Coarse Fragments:       Profile Q075-tmm) macropores, Weak consistence: 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Coarse fragments; Common, very fine (0-11mm) roots; Clear change to -	3		······	- /						
Exposure Type:       Undisturbed soil core       Conf. Sub. is Parent. Mat.:       Probable         Geol. Ref.:       No Data       Substrate Material:       Granite         Rel/Slope Class:       No Data       Pattern Type:       No Data         Morph. Type:       No Data       Relief:       No Data         Slope:       3 %       Aspect:       0 degrees         Sutrace Soil Condition (dry):       Errosion:       Soil Classification         Australian Soil Classification:       Mapping Unit:       N/A         Asternation Soil Classification:       Great Soil Group:       N/A         Confidence:       Great Soil Group:       N/A         Confidence:       Great Soil Group:       N/A         Sutrace Coarse Fragments:       Principal Profile Form:       N/A         Profile Morphology       A1       0 - 0.07 m       Dark reddish brown (5YR3/4-Moist); Loam; Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Common, very fine (0-1mm) roots; Clear change to -         B1       0.07 - 0.7 m       Red (25YR4/8-Moist); Light clay; Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to - </th <th>Desc. Date D Map Ro Northin</th> <th>By: esc.: ef.: ng/Long.:</th> <th>McKane, Dermot 15/07/93 Sheet No. : 8327 DGPS 6126744 AMG zone: 55</th> <th>Elevation: Rainfall: Runoff:</th> <th>No Data No Data</th> <th></th>	Desc. Date D Map Ro Northin	By: esc.: ef.: ng/Long.:	McKane, Dermot 15/07/93 Sheet No. : 8327 DGPS 6126744 AMG zone: 55	Elevation: Rainfall: Runoff:	No Data No Data					
Rel/Slope Class:       No Data       Pattern Type:       No Data         Morph. Type:       No Data       Relief:       No Data         Slope Class:       No Data       Slope Category:       No Data         Slope:       3 %       Aspect:       0 degrees         Surface Soil Condition (dry):       Errosion:       Sope Category:       No Data         Soil Classification       Mapping Unit:       N/A         Australian Soil Classification:       Mapping Unit:       N/A         ASC Confidence:       Great Soil Group:       N/A         Confidence level not specified       Site Disturbance:       Vegetation:         Surface Coarse Fragments:       Profile Morphology       N/A         A1       0 - 0.07 m       Dark reddish brown (5YR3/4-Moist); ¿ Loam: Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Common, very fine (0-1mm) roots; Clear change to -         B1       0.07 - 0.7 m       Red (2.5YR4/8-Moist); ¿ Light clay; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -         B21       0.7 - 1.23 m       Yellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, f	Expos	ureType:								
Erosion:         Soil Classification         Australian Soil Classification:         Mottled Eutrophic Red Dernosol Thin Slightly gravelly Loamy         Principal Profile Form:         N/A         Assc Confidence:         Confidence level not specified         Site Disturbance:         Vegetation:         Surface Coarse Fragments:         Profile Morphology         A1       0 - 0.07 m         Dark reddish brown (5YR3/4-Moist); ; Loam; Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Common, very fine (0-1mm) roots; Clear change to -         B1       0.07 - 0.7 m         Red (2.5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -         B21       0.7 - 1.23 m       Yellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, Distinct; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Very firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Gradual change to -         B21       0.7 - 1.23 m       Yellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, Distinct; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Very firm consistenc	Rel/Slope Class: N Morph. Type: N Elem. Type: N		No Data No Data 3 %	Relief: Slope Category:	No Data No Data					
Soil Classification         Australian Soil Classification:       Mapping Unit:       N/A         Mottled Eutrophic Red Dermosol Thin Slightly gravelly Loamy       Principal Profile Form:       N/A         Clayey Very deep       Sc Confidence:       Great Soil Group:       N/A         ASC Confidence level not specified       Site Disturbance:       Vegetation:       N/A         Surface Coarse Fragments:       Profile Morphology       N/A         A1       0 - 0.07 m       Dark reddish brown (5YR3/4-Moist); ; Loam; Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Common, very fine (0-1mm) roots; Clear change to -         B1       0.07 - 0.7 m       Red (2.5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -         B21       0.7 - 0.7 m       Red (2.5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -         B21       0.7 - 1.23 m       Yellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Clay; Weak grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Many (>5 per 1	<u>Surfac</u>	ce Soil Co	ndition (dry):							
Australian Soil Classification:       Mapping Unit:       N/A         Mottled Eutrophic Red Dermosol Thin Slightly gravelly Loamy       Principal Profile Form:       N/A         Clayey Very deep       Great Soil Group:       N/A         ASC Confidence:       Great Soil Group:       N/A         Confidence level not specified       Great Soil Group:       N/A         Site Disturbance:       Vegetation:       Surface Coarse Fragments:         Profile Morphology       A1       0 - 0.07 m       Dark reddish brown (5YR3/4-Moist); ; Loam; Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Common, very fine (0-1mm) roots; Clear change to -         B1       0.07 - 0.7 m       Red (2.5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Clear change to -         B21       0.7 - 1.23 m       Yellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -         B22       1.23 - 2 m       Brownish yellow (10YR6/8-Moist); Mottles, 10-20%, Distinct; Light clay; Moderate grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Very fine (0-1mm) roots; Gra										
Mottled Eutrophic Red Dermosol Thin Slightly gravelly Loamy       Principal Profile Form:       N/A         Clayey Very deep       Great Soil Group:       N/A         ASC Confidence:       Great Soil Group:       N/A         Confidence level not specified       Site Disturbance:       Yegetation:         Surface Coarse Fragments:       Profile Morphology       Park reddish brown (5YR3/4-Moist); ; Loam; Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Common, very fine (0-1mm) roots; Clear change to -         B1       0.07 - 0.7 m       Red (2.5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -         B1       0.07 - 0.7 m       Red (2.5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -         B21       0.7 - 1.23 m       Yellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, fine gravelly, 2-6mm, rounded, dispersed, coarse fragments; Few, very fine (0-1mm) roots; Gradual change to -         B22       1.23 - 2 m       Brownish yellow (10YR6/8-Moist); Mottles, 10-20%, Distinct; Light clay; Moderate grade of structure, 2-5 mm,	<u>Soil C</u>	lassificat	on							
Confidence level not specified         Site Disturbance:         Vegetation:         Surface Coarse Fragments:         Profile Morphology         A1       0 - 0.07 m         Dark reddish brown (5YR3/4-Moist); ; Loam; Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Common, very fine (0-1mm) roots; Clear change to -         B1       0.07 - 0.7 m       Red (2.5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -         B21       0.7 - 1.23 m       Yellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, Distinct; Light clay; Weak grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Very firm consistence; 0-2%, fine gravelly, 2- 6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, rounded, dispersed, coarse fragments; Few, very fine (0-1mm) roots; Gradual change to -         B22       1.23 - 2 m       Brownish yellow (10YR6/8-Moist); Mottles, 10-20%, Distinct; Light clay; Moderate grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, subrounded, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, subrounded, disperse	Mottled	Eutrophic			•					
Profile Morphology A1Dark reddish brown (5YR3/4-Moist); ; Loam; Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Common, very fine (0-1mm) roots; Clear change to -B10.07 - 0.7 mRed (2.5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -B210.7 - 1.23 mYellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, Distinct; Light clay; Weak grade of structure; 2-5 mm, Subangular blocky; Smooth-ped fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Very firm consistence; 0-2%, fine gravelly, 2- 6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, rounded, dispersed, coarse fragments; Few, very fine (0-1mm) roots; Gradual change to -B221.23 - 2 mBrownish yellow (10YR6/8-Moist); Mottles, 10-20%, Distinct; Light clay; Moderate grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Very fine (0-1mm) roots; Gradual change to -B221.23 - 2 mBrownish yellow (10YR6/8-Moist); Mottles, 10-20%, Distinct; Light clay; Moderate grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium grave	Confid <u>Site D</u> Veget	lence level i isturbanc ation:	not specified <u>e:</u>	Great	Soil Group:	N/A				
A1       0 - 0.07 m       Dark reddish brown (5YR3/4-Moist); ; Loam; Massive grade of structure; Earthy fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Common, very fine (0-1mm) roots; Clear change to -         B1       0.07 - 0.7 m       Red (2.5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -         B21       0.7 - 1.23 m       Yellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, Distinct; Light clay; Weak grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Very firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, rounded, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, rounded, dispersed, coarse fragments; Few, very fine (0-1mm) roots; Gradual change to -         B22       1.23 - 2 m       Brownish yellow (10YR6/8-Moist); Mottles, 10-20%, Distinct; Light clay; Moderate grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, rounded, dispersed, Coarse fragments; 0-2%, medium gravelly, 6-20mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, subrounded,										
<ul> <li>100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse change to -</li> <li>B21 0.7 - 1.23 m Yellowish red (5YR4/8-Moist); Mottles, 10-20%, Distinct; Mottles, 10-20%, Distinct; Light clay; Weak grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Many (&gt;5 per 100mm2) Very fine (0.075-1mm) macropores, Very firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, rounded, dispersed, coarse fragments; Few, very fine (0-1mm) roots; Gradual change to -</li> <li>B22 1.23 - 2 m Brownish yellow (10YR6/8-Moist); Mottles, 10-20%, Distinct; Light clay; Moderate grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, subrounded, dispersed, coarse fragments;</li> </ul>			n Dark reddish brown (5YR3/ (>5 per 100mm2) Very fine 2-6mm, subangular, dispers	(0.075-1mm) macrop	oores, Weak consis	stence; 2-10%, fine gravelly,				
<ul> <li>Weak grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Many (&gt;5 per 100mm2) Very fine (0.075-1mm) macropores, Very firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, rounded, dispersed, coarse fragments; Few, very fine (0-1mm) roots; Gradual change to -</li> <li>B22 1.23 - 2 m Brownish yellow (10YR6/8-Moist); Mottles, 10-20%, Distinct; Light clay; Moderate grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0.2%, medium gravelly, 6-20mm, subrounded, dispersed, coarse fragments;</li> </ul>	B1	0.07 - 0.7	100mm2) Very fine (0.075-1mm) macropores, Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Diffuse							
structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, subrounded, dispersed, coarse fragments; Morphological Notes	B21	0.7 - 1.23	Weak grade of structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Very firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm,							
	B22	1.23 - 2 r	structure, 2-5 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; 0-2%, medium gravelly, 6-20mm, subrounded, dispersed, coarse							
	Morph	nological	Notes							

A1

Cropped to the limit.

# **Observation Notes**

Site Notes

Project Name:BRUCEDALE/LADYSMITH/GRIGGWARD - Soil Landscape ModellingProject Code:Wagga\_SLMSite ID:BD79Observation ID:1Agency Name:CSIRO Division of Soils (ACT)

## Laboratory Test Results:

Depth	рН			hangeable Ng	Cations K	Na	Exchangeable Acidity	CEC		ECEC		ESP
m		dS/m				Cmol (+	-)/kg					%
0 - 0.07	5.38A	0.066A	2.5J	0.7	0.86	0.09		7.21				1.25
0.07 - 0.7	6.67A	0.023A	4J	2.8	0.35	0.03		10.8I				0.28
0.7 - 1.23	6.7A	0.022A	3.4J	3.7	0.33	0.16		10.4l				1.54
1.23 - 2	7.83A	0.04A	4.2J	4.5	0.74	0.46		11.71				3.93
Depth	CaCO3	Organic	Avail.	Total	Total	Tota	l Bulk		rticle		Analysi	
		С	P	Р	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.07		1.21C							36.7		8.1	55.2
0.07 - 0.7		0.36C							46.1		11.2	2 42.7
0.7 - 1.23		0.23C							51.6	1		5 34.9
1.23 - 2		0.12C							57.1			3 31.6
Depth	COLE		Grav	imetric/Va	olumetric V	Vater Con	itents		Ks	at	K unsa	at
Deptil	OOLL	Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar 15	Bar	11.3	a	it unse	
m		out.	0.00 Dui		g - m3/m		5 Bai 15	Dui	mm	/h	mm/h	ı
0 - 0.07												
0.07 - 0.7												
07-123												

0.7 - 1.23 1.23 - 2

1.23 - 2

#### BRUCEDALE/LADYSMITH/GRIGGWARD - Soil Landscape Modelling **Project Name:** Project Code: Wagga\_SLM Site ID: BD79 Observation ID: 1 Agency Name: CSIRO Division of Soils (ACT)

### Laboratory Analyses Completed for this profile

- 15F1 CA Exchangeable bases by 0.01M silver-thiourea (AgTU)+, no pretreatment for soluble salts
  - Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
- 15F1\_K 15F1\_MG Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
- Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts CEC by 0.01M silver-thiourea (AgTU)+ 15F1\_NA 15F3
- 15L1 Base saturation percentage (BSP)
- 15N1 Exchangeable sodium percentage (ESP)
- EC of 1:5 soil/water extract 3A1
- 4A1 pH of 1:5 soil/water suspension
- 6B3 Total organic carbon - high frequency induction furnace, infrared
- Clay (%) Not recorded Sand (%) Not recorded P10\_NR\_C
- P10\_NR\_S P10\_NR\_Z Silt (%) - Not recorded