Project Name:BRUCEDALE/LADYSMITH/GRIGGWARD - Soil Landscape ModellingProject Code:Wagga_SLMSite ID:LS20Observation ID:1Agency Name:CSIRO Division of Soils (ACT)

Site	Informat	ion
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Site Information	<u>n</u>					
Desc. By:	McKane, Dermot	Locality:				
Date Desc.:	15/07/93	Elevation:	308 metres			
Map Ref.:	Sheet No. : 8427 DGPS	Rainfall:	No Data			
Northing/Long.:		Runoff:	Moderately rapid			
Easting/Lat.:	549947 Datum: AGD66	Drainage:	Well drained			
<u>Geology</u>						
ExposureType:	Undisturbed soil core	Conf. Sub. is Pare	nt. Mat.: No Dat	а		
Geol. Ref.:	No Data	Substrate Material	l: Quartz			
Land Form						
Rel/Slope Class:	No Data	Pattern Type:	No Data			
Morph. Type:	No Data	Relief:	No Data			
Elem. Type:	Hillslope	Slope Category:	No Data			
Slope:	12 %	Aspect:	315 degrees			
Surface Soil Co	ondition (dry): Firm					
Erosion:						
Soil Classificat	ion					
Australian Soil C	lassification:	Маррі	ng Unit:	N/A		
Paralithic Leptic R	udosol Slightly gravelly Loamy	••	pal Profile Form:	N/A		
ASC Confidence: Great Soil Group: N/A						
ASC Confidence		Great	Soil Group:	N/A		
	-	Great	Soil Group:	N/A		
Confidence level	-		•	N/A		
Confidence level Site Disturbance	not specified		•	N/A		
Confidence level Site Disturbance Vegetation:	not specified <u>:e:</u> Extensive clearing, for examp		•	N/A		
Confidence level Site Disturbance Vegetation: Surface Coarse	not specified :e: Extensive clearing, for examp :e Fragments:		•	N/A		
Confidence level Site Disturbance Vegetation:	not specified :e: Extensive clearing, for examp Fragments: logy	ole poisoning, ringbarkir	ng			
Confidence level Site Disturband Vegetation: Surface Coarse Profile Morpho	not specified :e: Extensive clearing, for examp Fragments: logy Dark brown (7.5YR3/3-Mo	ole poisoning, ringbarkin oist); ; Loam; Massive (ng grade of structure; [N/A Dry; Weak consistence; 10- trse fragments; Field pH 6		
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Confidence level <u>Site Disturbanc</u> <u>Vegetation:</u> <u>Surface Coarse</u> <u>Profile Morpho</u> A1 0 - 0.1 m C 0.1 - 0.4	m Brown (7.5YR4/3-Moist); 50%, medium gravelly, 6- (Raupach); Gradual chan	ole poisoning, ringbarkii oist); ; Loam; Massive (-20mm, subangular tab e to - ; Clay loam; Massive g -20mm, subangular tab	ng grade of structure; I ular, dispersed, coa rade of structure; D	Dry; Weak consistence; 10- irse fragments; Field pH 6 ry; Weak consistence; 20-		
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Confidence levelSite DisturbandVegetation: Surface CoarseProfile MorphoA10 - 0.1 mC0.1 - 0.4R0.4 - 0.5	not specified 2e: Extensive clearing, for examp 2 Fragments: logy Dark brown (7.5YR3/3-Mo 20%, medium gravelly, 6- (Raupach); Abrupt chang; m Brown (7.5YR4/3-Moist); 50%, medium gravelly, 6- (Raupach); Gradual chan m Rock Notes	ole poisoning, ringbarkii oist); ; Loam; Massive (-20mm, subangular tab e to - ; Clay loam; Massive g -20mm, subangular tab	ng grade of structure; I ular, dispersed, coa rade of structure; D	Dry; Weak consistence; 10- irse fragments; Field pH 6 ry; Weak consistence; 20-		
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Project Code: Agency Name:	Wagga_SLM CSIRO Division	Site ID: of Soils (A	LS20 CT)	Observation ID:	1

Laboratory Test Results:

Depth	pН	1:5 EC		hangeable Mg	Cations K	Na	Exchangeable Acidity	CEC		ECEC		ESP
m		dS/m	Ja I	ng	n	Cmol (-						%
0 - 0.1 0.1 - 0.4	6.09A 6.34A	0.123A 0.056A	3J 2.2J	1.1 0.77	0.96 0.45	0.09 0.05		7.5l 4.4l				1.20 1.14
Depth m	CaCO3 %	Organic C %	Avail. P mg/kg	Total P %	Total N %	Tota K %	l Bulk Density Mg/m3	Pa GV	rticle CS	Size FS %	Analys Silt	is Clay
0 - 0.1 0.1 - 0.4		2.53C 0.27C							661 561		17 15	
Depth m	COLE	Sat.	Grav 0.05 Bar	0.1 Bar	olumetric V 0.5 Bar /g - m3/m	1 Bar	ntents 5 Bar 15 I	Bar	K s mm		K unsa mm/ł	

0 - 0.1 0.1 - 0.4

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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