Site Information UT. Ward Locality: J. R. (Jeff) Carolan, Scotsburn Date Desc: 2005/08/6 Sheet No: 1873, S. 1:5000 Rininali: No Data EastingLat: 608/2200 AUX 2one: 55 Drainage: No Data Exposure Type: Undisturbed soil core Corff. Sub. is Parent. Mat: No Data Exposure Type: Undisturbed soil core Corff. Sub. is Parent. Mat: No Data Stopp: No Data Substrate Material: No Data Bread Form No Data Substrate Material: No Data Stopp: No Data Substrate Material: No Data Stopp: No Data Substrate Material: No Data Stopp: 0% Substrate Material: No Data Stop: 0% Substrate Material: No Data Stop: 0% Substrate Material: No Data Stop: 0% Substrate Material: No A Confidence: Great Soil Group: Great Soil Group: Great Soil Group: Stop Disturbance: Uthation. Infrasted, past or present, Complete clearing. Pasture, native or improved, cullivated at some stage, Vegetation Veg	Project Name: Project Code: Agency Name:	ject Code: EDGEROI Site ID: cu001 Observation ID: 1						
Exposure Type: Undisturbed soil core Conf. Sub. is Parent. Mat: No Data Cool. Ref.: No Data Substrate Material: No Data RefStope Class: No Data Pattern Type: Flood plain Morph. Type: No Data Silpee Category: Leval Slope: O Bata Silpee Category: Leval Surface Soil Condition (drv): Self-mulching Francison: N/A Confidence: Great Soil Group: Grey Class Grey Class Site Disturbance: Cultivation. Irrigated, past or present, Complete clearing. Pasture, native or improved, cultivated at some stage, Vegetation: Surface: Coarse Fragments: Profile Morphology Very dark grey (10YR3/1-Moist); Very dark greyish brown (10YR3/2-Dry); Clay loam; Strong grade of structure, 5-10 mm, Subangular blocky; Moderale grade of structure, 6-10 mm, Prismatic; Smooth-ped fabric; Medium, (5 - 10) mm crack; Few (4 1P r 100mm2) Very fine (0.075-1mm) macropores, Moderately moist; Strong consistence, 0-2%, medium gravely, 6-20mm, subrounded, Clay, coarse fragments: Field pt / 1 (pt Immetip: Few, very fine (0.075-1mm) macropores, Moderately moist; Very strong consistence; Paid (pt Imm) A11 0 - 0.25 m Very dark greyish brown (10YR3/2-Moist); Light medium clay; Moderate grade of structure, 50-100 mm, prismatic; Smooth-ped fabric; Medium, (5	Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	W.T. Ward 23/05/86 Sheet No. : 8737_S 1:50000 6647250 AMG zone: 55	Elevation: Rainfall: Runoff:	171 metres No Data No Data	an, Scotsburn			
ReiKBope Class: No Data Pattern Type: Flood plain Morph. Type: No Data Slope Category: Level Slope: 0% Aspect: No Data Surface Soil Condition (dry): Self-mulching Intervention Surface Soil Condition (dry): Self-mulching N/A Australian Soil Classification: Mapping Unit: N/A Australian Soil Classification: Mapping Unit: N/A N/A Principal Profile Form: N/A Site Disturbance: Confidence: Great Soil Group: Grey Clay Confidence level not specified Strep Settry Mance: Cultivation. Irrigated, past or present, Complete clearing. Pasture, native or improved, cultivated at some stage, Yegetation: Surface Coarse Fragments: Profile Morphology Yen dark grey/thankit; Very dark grey/th brown (10YR3/2-Dry); ; Clay loan; Strong great Strep Settry mosit; Strong consistence; Code, strep of structure, 50-100 mm, Prismatic; Smooth-ped fabric; Medium, (5-10) mm crack; Few (<1 per 100mm,)	ExposureType:							
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Soil Classification: Mapping Unit: N/A Australian Soil Classification: Principal Profile Form: N/A ASC confidence: Great Soil Group: Grey clay Confidence: Great Soil Group: Grey clay Confidence: Great Soil Group: Grey clay Site Disturbance: Cultivation. Irrigated, past or present, Complete clearing. Pasture, native or improved, cultivated at some stage, Vegetation: Surface Coarse Fragments: Profile Morphology A11 0 - 0.1 m Very dark grey (10YR3/1-Moist); Very dark grey/ish brown (10YR3/2-Dry); ; Clay loam; Strong grade of structure, 5-10 mm, Subangular blocky; Moderate grade of structure, 50-100 mm, Prismatic; Smooth-ped fabric: Medium, (5 - 10) mm crack; Few (<1 per 100mm2) Very fine (0.075-1mm) macropores. Moderately moist; Strong consistence: 0-2%, medium gravelly, 6-20mm, subrounded, Clay, coarse fragments; Field pH 7 (pH meter); Few, very fine (0.075-1mm) macropores. Moderately moist; Very strong consistence; Field pH 7 (pH meter); Few, very fine (0.075-1mm) macropores. Moderately moist; Very strong consistence; Field pH 7 (pH meter); Few, very fine (0.075-1mm) macropores. Moderately moist; Very strong consistence; Field pH 9 (pH meter); Few, very fine (0.075-1mm) macropores. Moderately moist; Very strong consistence; Field pH 9 (pH meter); Few, very fine (0-1mm) roots; Gradual, Smooth head fabric; Field (pH 9 (pH meter); Few, very fine (0-1mm) roots; Gradual, Smooth head fabric; Heid pH 9 (pH meter); Few, very fine (0-1mm) roots; Cradual, Smooth-ped fabric; Medium, (5- 10) mm crack; Few (<1 per 100mm2) Very fine (0.075-1	Surface Soil Co	ondition (dry): Self-mulching						
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	B2 1.5 - 2.6	structure, 100-200 mm, <i>A</i> fabric; Fine, (0 - 5) mm cra Moderately moist; Very fin	re, 100-200 mm, Angular blocky; Weak grade of structure, 2-5 mm, Cast; Smooth-ped Fine, (0 - 5) mm crack; Few (<1 per 100mm2) Very fine (0.075-1mm) macropores, tely moist; Very firm consistence; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm),					
			I pieces of dark reddis	h brown (5YR3/4) I	paked clay, at the			

Project Name:	Soil Studies ir	n the Lower I	Namoi Valley
Project Code:	EDGEROI	Site ID:	cu001
Agency Name:	CSIRO Divisio	on of Soils (Q	LD)

Observation ID: 1

Observation Notes

Parent Rock: alluvial sediment, clay, parna on third fan, Namoi

Site Notes

Recently sold by Doug Hardy, farmer. Three photos of site, one showing nearby Namoi flood channel that led me to suppose that this was floodplain. However, the profile looks like MVpH (perhaps thickened with recent flood deposit) so I now b

Project Name:	Soil Studies in t				
Project Code:	EDGEROI	Site ID:	cu001	Observation ID:	1
Agency Name:	CSIRO Division	of Soils (Q	LD)		

Laboratory Test Results:

Depth m	рН	1:5 EC dS/m	Excha Ca M	angeable (g	Cations K		changeable Acidity g	CEC	ECEC	C ESP %
0 - 0.1 0.1 - 0.2 0.3 - 0.4 0.7 - 0.8 1.2 - 1.3 2.5 - 2.6										
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particl GV CS		Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3		%	
0 - 0.1 0.1 - 0.2 0.3 - 0.4 0.7 - 0.8 1.2 - 1.3 2.5 - 2.6										
Depth	COLE		Gravir	netric/Volu	umetric W	ater Conten	nts	r	sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar - m3/m3		5 Bar 15	Bar n	ım/h	mm/h
0 - 0.1 0.1 - 0.2 0.3 - 0.4 0.7 - 0.8 1.2 - 1.3										

1.2 - 1.3 2.5 - 2.6 Project Name:Soil Studies in the Lower Namoi ValleyProject Code:EDGEROISite ID:cu001Agency Name:CSIRO Division of Soils (QLD)

Observation ID: 1

Laboratory Analyses Completed for this profile