Project Name: Project Code: Agency Name:	WQR WQR Site ID: CSIRO Division of Soils (Q)bservatio	n ID: 1	I
Site Informatio Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	<u>n</u> G.D. Hubble 24/06/51 Sheet No. : 7550 1:100000 143.5 -23.95	Locality: Elevation: Rainfall: Runoff: Drainage:	183 meti 380 Slow Poorly dra		
<u>Geology</u> ExposureType: Geol. Ref.:	Auger boring No Data	Conf. Sub. is Pare Substrate Materia		No Data Auger b	a oring, 2 m deep,Porous, Sandstone
Land Form Rel/Slope Class:	Gently undulating plains <9m 1- 3%	Pattern Type:	Peneplair	n	
Morph. Type: Elem. Type: Slope:	No Data Plain 0 %	Relief: Slope Category: Aspect:	No Data No Data No Data		
•	ondition (dry): Self-mulching				
Erosion:					
Soil Classificat	ion				
Australian Soil C	lassification: dohypersodic Self-Mulching Brown	••	ing Unit: ipal Profile	Form	N/A Ug5.22
	achypersodie den malening brown		parrionic		090.22
ASC Confidence		Great	Soil Group):	Brown clay
	 Ilytical data are available. Construction is the start of the start of	than grazing by hoofe	ed animals		
Vegetation:		3 3 3 ,			
	Tall Strata - Tussock grass, , C	•		es - Astre	ebla species
	• Fragments: 2-10%, coarse gra	ivelly, 20-60mm, , Sai	ndstone		
AB 0 - 0.13		R6/4-Moist); ; Mediur	m heavy cla	y; Strong	grade of structure,
	Granular; Dry; Strong cons coarse fragments; Very few Gypseous, , Crystals; Field	sistence; 0-2%, coarse v (0 - 2 %), Calcareou	e gravelly, 2 us, , Concre	0-60mm tions; Ve	, subrounded, Sandstone,
B2 0.15 - 0.4	46 m Yellowish brown (10YR5/4 Moderately moist; Strong c Sandstone, coarse fragmen %), Gypseous, , Crystals; F	consistence; 0-2%, co nts; Very few (0 - 2 %	barse gravel	ly, 20-60r us, , Con	mm, subrounded, cretions; Very few (0 - 2
B2 0.46 - 0.9	91 m Yellowish brown (10YR5/4 Moderately moist; Strong c Crystals; Field pH 7.4 (pH r	consistence; Very few	(0 - 2 %), Č		
B2 0.91 - 1.2	2 m Light yellowish brown (10YR6/4-Moist); ; Heavy clay; Moderate grade of structure, Lenticular; Moderately moist; Strong consistence; Few (2 - 10 %), Gypseous, Medium (2 -6 mm), Crystals; Field pH 7.5 (pH meter);				
Morphological	Notes				
Observation No	otes				

Observation Notes 0-13CM GRANULAR GRADING TO BLOCKY STRUCTURE:GYPSUM CRYSTALS ON SURFACE Site Notes

LONGREACH

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Agency Name:	CSIRO Division	of Soils (Q	LD)		

Laboratory Test Results:

Depth	рН	1:5 EC	Ex Ca	changeabl Mg	e Cations K	Ex Na	changeable Acidity	CEC	ECEC	ESP
m		dS/m	ou	ing	ĸ	Cmol (+)/I				%
0 - 0.13 0.15 - 0.46	7.7H 7.5H	0.2B 2.14B	41.9K	3.1	1.05	0.24	0.88D		47.2E	
0.46 - 0.91 0.91 - 1.22	7.4H 7.5H	1.98B 6.31B	31.2K	8.1	0.89	5	0.54D		43.7E	

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Pa	article	Size	Analysis	;
m	%	C %	P mg/kg	P %	N %	K %	Density Mg/m3	GV	CS	FS %	Silt	Clay
0 - 0.13	0.21C	0.46E	136C	0.032F	0.045	3			9C	21	16	55
0.15 - 0.46	0.12C								6C	18	13	59
0.46 - 0.91	0.16C								6C	16	14	58
0.91 - 1.22	0.15C			0.04F				1	6C	15	18	60
Depth	COLE	Sat.		netric/Volu 0.1 Bar 0		er Contei 1 Bar		Bar	Ks	at	K unsat	:
m		out.	0.00 Bai		m3/m3	i Bui	5 Dui 15	Dai	mm	/h	mm/h	

0 - 0.13 0.15 - 0.46 0.46 - 0.91 0.91 - 1.22

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Laboratory Analyses Completed for this profile

15_NR 15_NR_CA 15_NR_H 15_NR_K 15_NR_MG 15_NR_NA 19B_NR 2_LOI 2A1 3_NR 4_NR 5_NR 6Z 7_NR 9_NR 9A_NR 910_GRAV P10_GRAV P10_NR_C P10_NR_CS P10_NR_S	Sum of Ex. cations + Ex. acidity - Not recorded Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded Hydrogen Cation - meq per 100g of soil - Not recorded Exch. basic cations (K++) - meq per 100g of soil - Not recorded Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded Exch. basic cations (Na++) - meq per 100g of soil - Not recorded Calcium Carbonate (CaCO3) - Not recorded Loss on Ignition (%) Air-dry moisture content Electrical conductivity or soluble salts - Not recorded pH of soil - Not recorded Water soluble Chloride - Cl(%) - Not recordede Organic carbon (%) - Not recorded Total nitrogen (%) - Not recorded Available P (mg/kg) - Not recorded Gravel (%) Clay (%) - Not recorded Fine sand (%) - Not recorded Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded

Observation ID: 1