Project Nam Project Code Agency Nam	e: Wo ne: CS	QR QR Site ID: SIRO Division of Soils (Q		bservatio	on ID:	1			
Site Informa Desc. By: Date Desc.: Map Ref.: Northing/Long Easting/Lat.: <u>Geology</u>	G.D. 17/1 Shee g.: 146.0	Hubble 1/62 et No. : 8148 1:100000 091666666667 8583333333333	Locality: Elevation: Rainfall: Runoff: Drainage:	411 met 485 Moderate Moderate	ely rapid	rained			
ExposureType Geol. Ref.:	e: Soil No D	•	Conf. Sub. is Pare Substrate Materia		No Dat Auger b	ta boring, 0.76 m deep,Mudstone			
Land Form Rel/Slope Clas Morph. Type: Elem. Type: Slope: Surface Soil	Uppe Hills 1.75	er-slope lope	Pattern Type: Relief: Slope Category: Aspect: elf-mulching	Rises 30 metre No Data No Data					
Erosion:			Ū						
Soil Classifie Australian Soi		ication:	Маррі	ing Unit:		N/A			
ASC Confide	nce:	hing Grey Vertosol data are available.		Principal Profile Form: Ug5.22 Great Soil Group: Grey clay					
Site Disturba	•	o effective disturbance other	than grazing by hoofe	ed animals					
Vegetation:		ow Strata - Tussock grass, , (all Strata - Tree, , Isolated clu	•						
Surface Coa		gments: 0-2%, , , Substrate		les - Alalay	anemiyi	auca, Acacia vicionae			
Profile Morp AB 0 - 0.			stence; 0-2%, mediu	m gravelly,	6-20mm	grade of structure, 2-5 mm, , Substrate material, coarse (pH meter); Gradual change			
B2 0.15 -	· 0.36 m	Dark brown (10YR3/3-Mois blocky; Moderately moist; \ Field pH 8.7 (pH meter); Di	/ery firm consistence						
B2 0.36 -	· 0.61 m	Dark greyish brown (10YR4 Moderately moist; Very firm segregations; Very few (0 -	n consistence; Very fe	ew (0 - 2 %), Calcar	eous, Fine (0 - 2 mm), Soft			
B2 0.61 -	0.76 m		v clay; Strong grade c eous, , Soft segregation	of structure,	, Lenticul	Prominent; , 20-50% , 0-5mm, ar; Dry; Strong consistence; %), Gypseous, , Crystals;			
C 0.76 -	· 1.07 m	Light brownish grey (2.5Y6 50% , 5-15mm, Prominent; Gradual change to -				Prominent; , 10YR53, 20- ire; Field pH 7.6 (pH meter);			
C 1.07 -	• 1.83 m	Yellowish brown (10YR5/5- 5-15mm, Prominent; Silty				ominent; , 10YR66, 20-50% , ield pH 7.3 (pH meter);			
Morphologic	al Note:	<u>s</u>	-			-			

Morphological Notes

Observation Notes 0-15CM GRANULAR GRADING TO BLOCKY STRUCTURE WITH FRAGILE 3MM CRUST OR SURFACE SEAL:

Site Notes

ТАМВО

Project Name:	WQR				
Project Code:	WQR	Site ID:	B496	Observation ID:	1
Agency Name:	CSIRO D	vivision of Soils (Q	LD)		

Laboratory Test Results:

Depth	рН	1:5 EC	Ex	changeab	le Cations		Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	к	Na Cmol	Acidity (+)/kg			%
		uom				onioi	(1)/19			70
0 - 0.15	8.2H	0.03B	43K	3.5	1.1	0.8	3.5D			
0.15 - 0.36	8.7H	0.06B	41.6K	5.1	0.67	2.5	0D			
0.36 - 0.61	8H	0.32B	41.4K	4.4	0.67	3.9	2.6D			
0.61 - 0.76	7.6H	1.05B								
0.76 - 1.07	7.6H	1.13B								
1.07 - 1.83	7.3H	1.26B								

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Pa	article	Size	Analysis	5
		С	Р	Р	Ν	κ	Density	GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.15	0.2C	0.72A	29C	0.027F	0.09B			0	1C	26	15	57
0.15 - 0.36	0.5C	0.62A			0.08B			0	1C	23	15	45
0.36 - 0.61	0.8C	0.59A	21C	0.025F	0.07B			0	1C	25	17	56
0.61 - 0.76		0.44A			0.06B			0	1C	19	16	39
0.76 - 1.07		0.17A			0.04B			0	0.6C	; 26	16	33
1.07 - 1.83				0.046F								

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar /g - m3/m3	1 Bar 3	5 Bar	15 Bar	mm/h	mm/h

0 - 0.15 0.15 - 0.36 0.36 - 0.61 0.61 - 0.76 0.76 - 1.07 1.07 - 1.83

2R	
DR Site	ID: B496
	QR QR Site SIRO Division of Sc

Observation ID: 1

Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_H	Hydrogen Cation - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
19B_NR	Calcium Carbonate (CaCO3) - Not recorded
2A1	Air-dry moisture content
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recordede
6A1	Organic carbon - Walkley and Black
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_GRAV	Gravel (%)
P10_NR_C	Clay (%) - Not recorded
P10 NR CS	Coarse sand (%) - Not recorded
P10 NR FS	Fine sand (%) - Not recorded
P10 NR Z	Silt (%) - Not recorded
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