

Site Profile and Landscape Photo Cards

Detailed Site – Stratic Rudosol

M1 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Brown Vertosol

M2 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Red Sodosol

M3 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Red Vertisol

M4 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Brown Chromosol

M5 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M6 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M7 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Red Chromosol

M8

Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Brown Vertosol

M9

Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Brown Sodosol

M10

Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M11 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Brown Vertosol

M.P Pit profile, landscape and surface photo

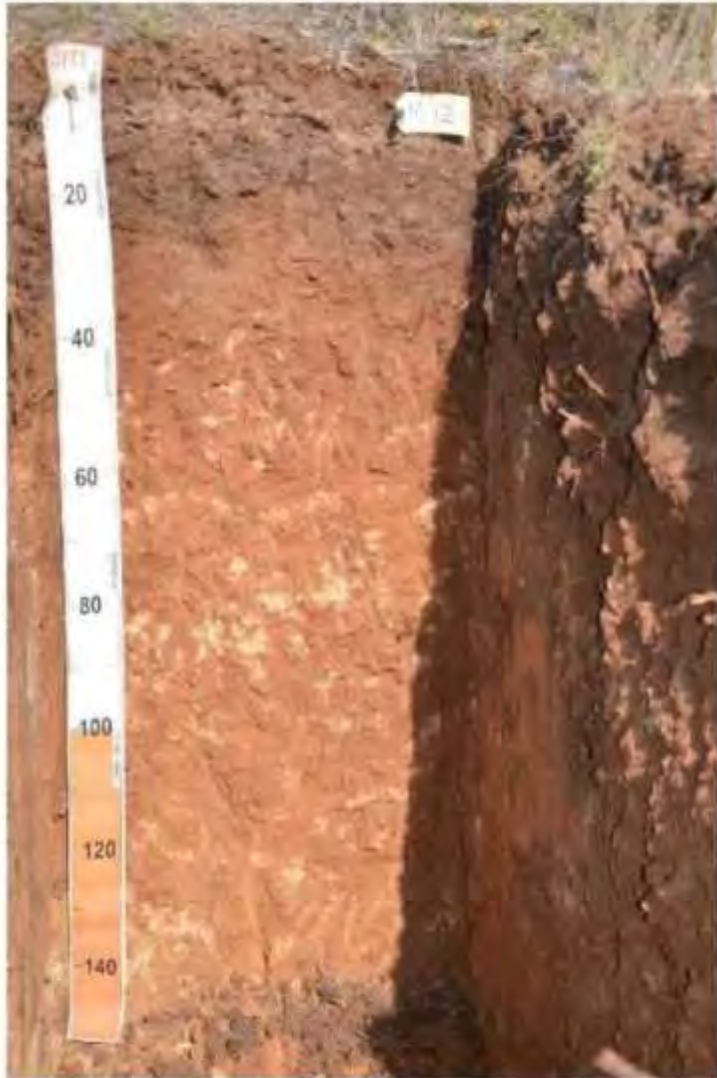


Photo Source: (McKenzie 2014)

Detailed Site – Brown Vertosol

M13 Pit profile, landscape and surface photo

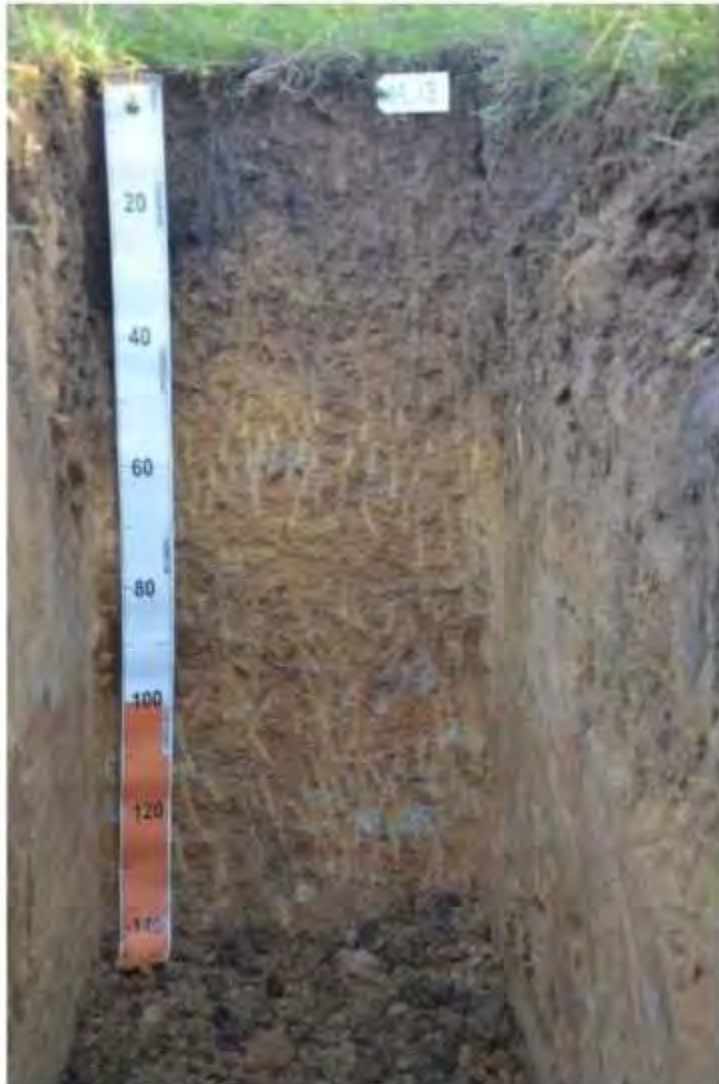


Photo Source: (McKenzie 2014)

Detailed Site – Red Vertosol

M14 Pit profile, landscape and surface photo

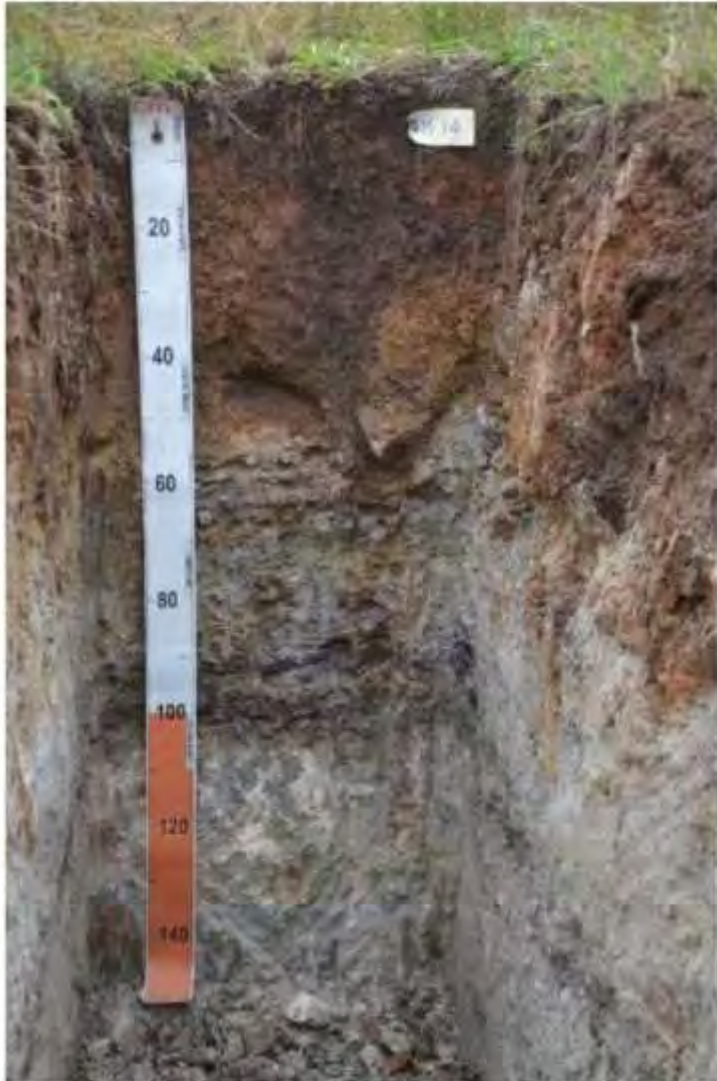


Photo Source: (McKenzie 2014)

Detailed Site – Grey Sodosol

M15 Pit profile, landscape and surface photo

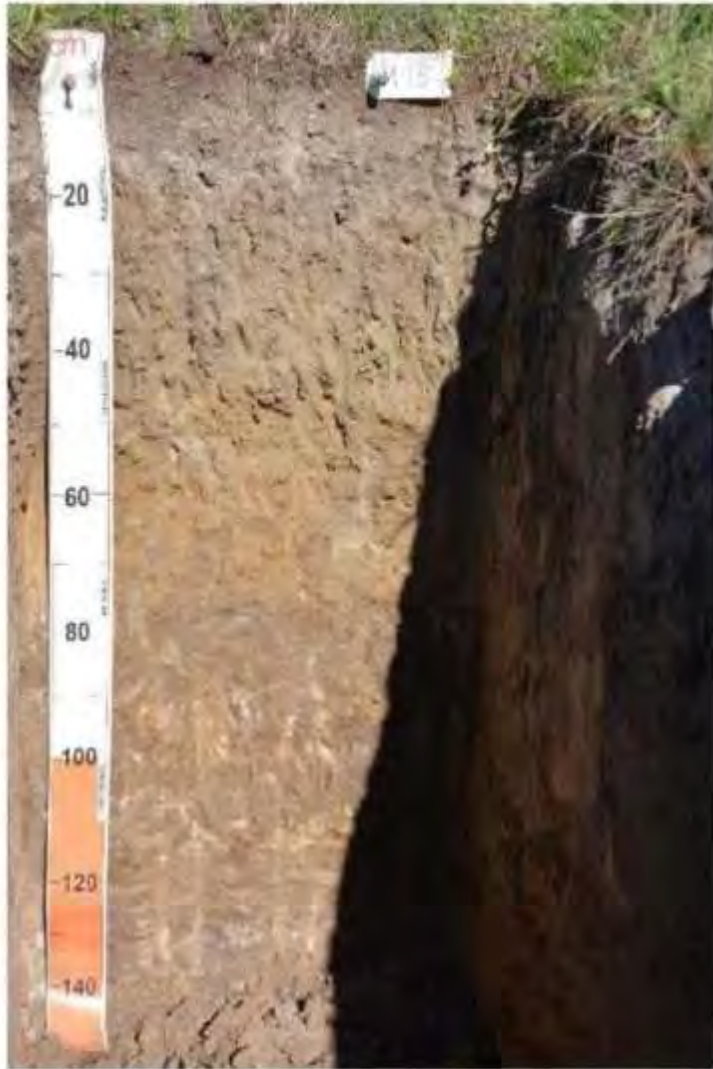


Photo Source: (McKenzie 2014)

Detailed Site – Black Sodosol

M16 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Red Vertosol

M17

Pit profile, landscape and surface photo

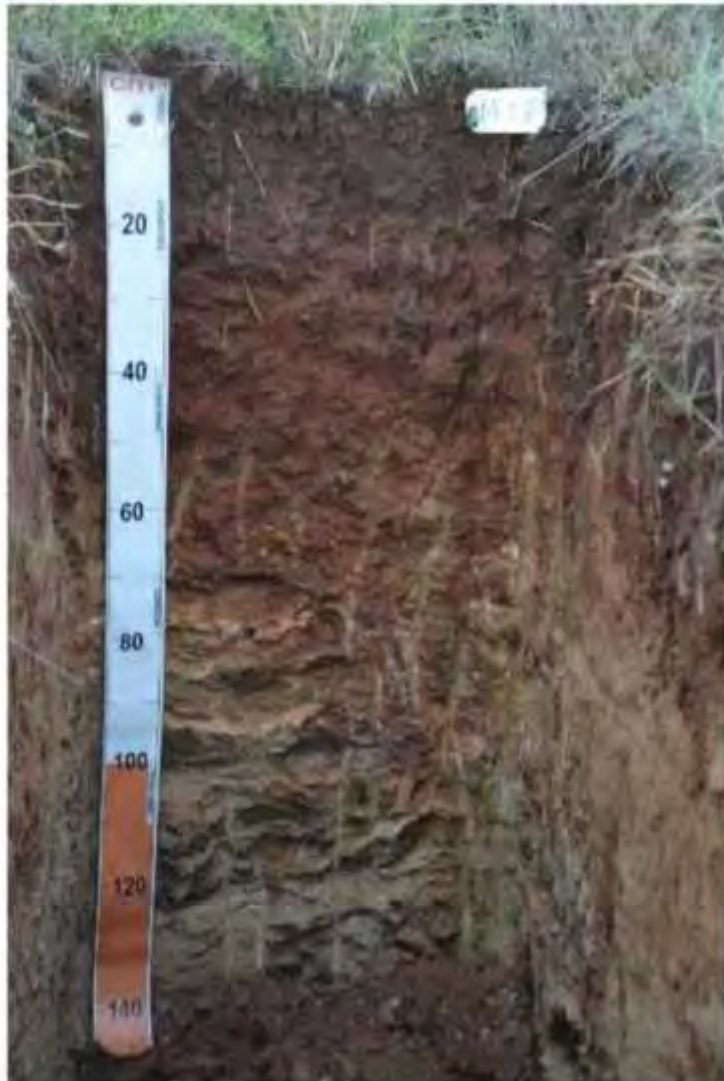


Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M18

Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M19

Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M20

Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M21 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M22 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M23 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Grey Chromosol

M24

Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Red Vertosol

M25 Pit profile, landscape and surface photo

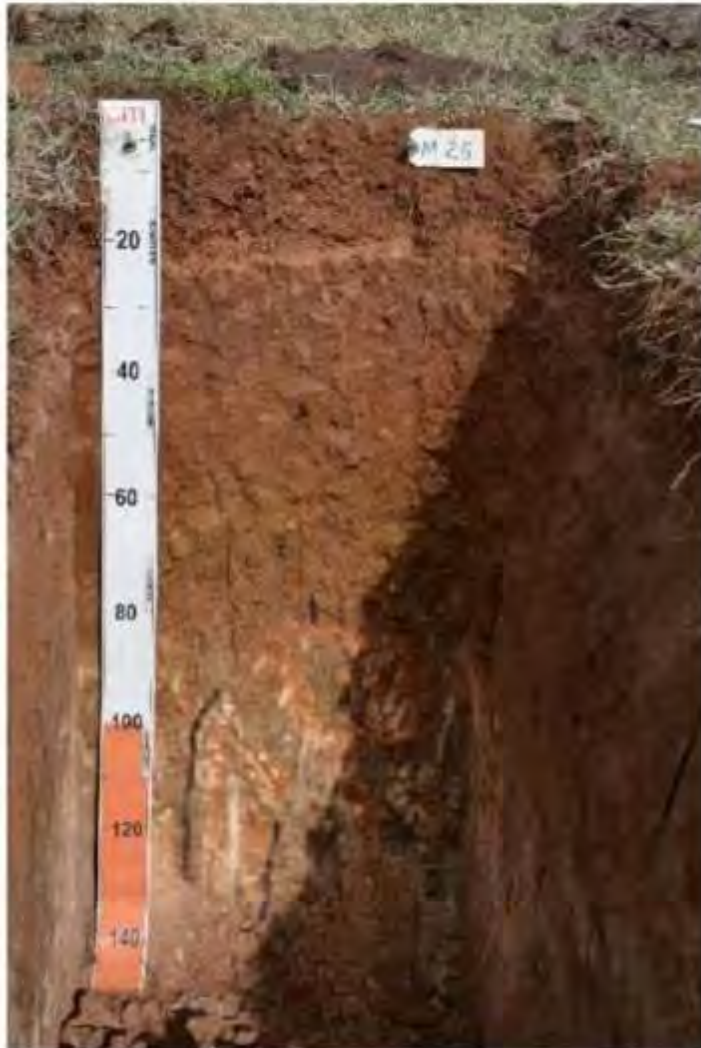


Photo Source: (McKenzie 2014)

Detailed Site – Hypocalcic Calcarosol

M26 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Grey Vertosol

M27

Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Vertosol

M28 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Black Chromosol

M29

Pit profile, landscape and surface photo

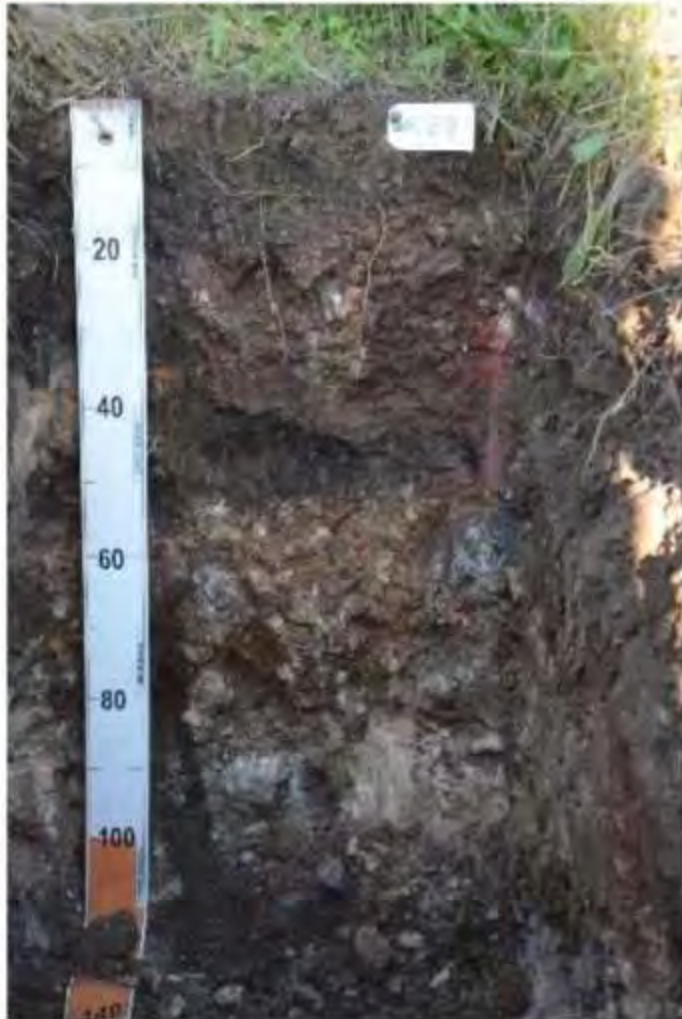


Photo Source: (McKenzie 2014)

Detailed Site – Stratic Rudosol

M30 Pit profile, landscape and surface photo

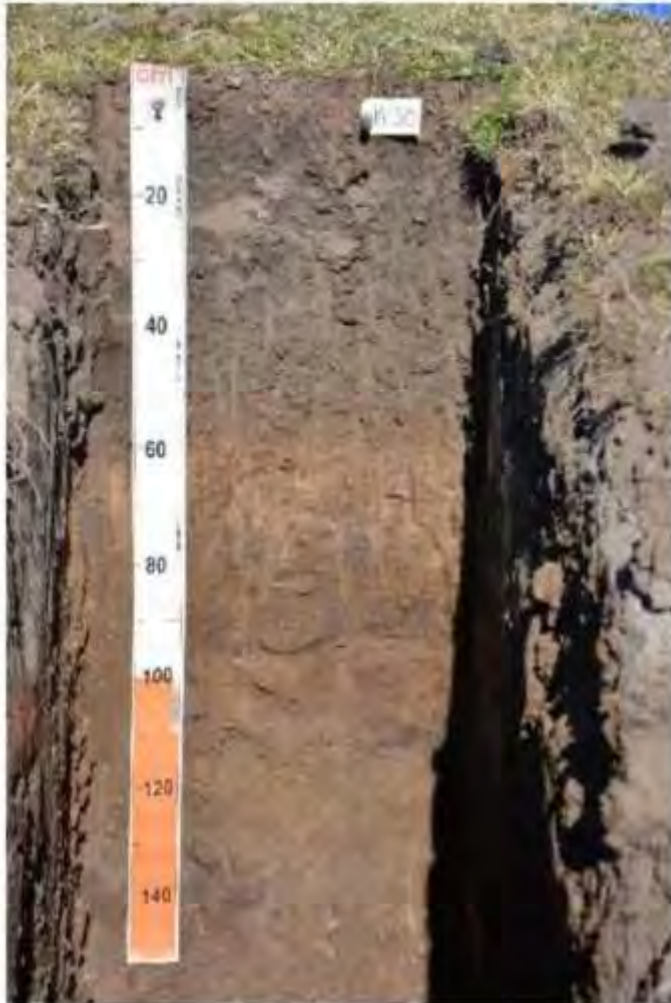


Photo Source: (McKenzie 2014)

Detailed Site – Stratic Rudosol

M81 Pit profile, landscape and surface photo

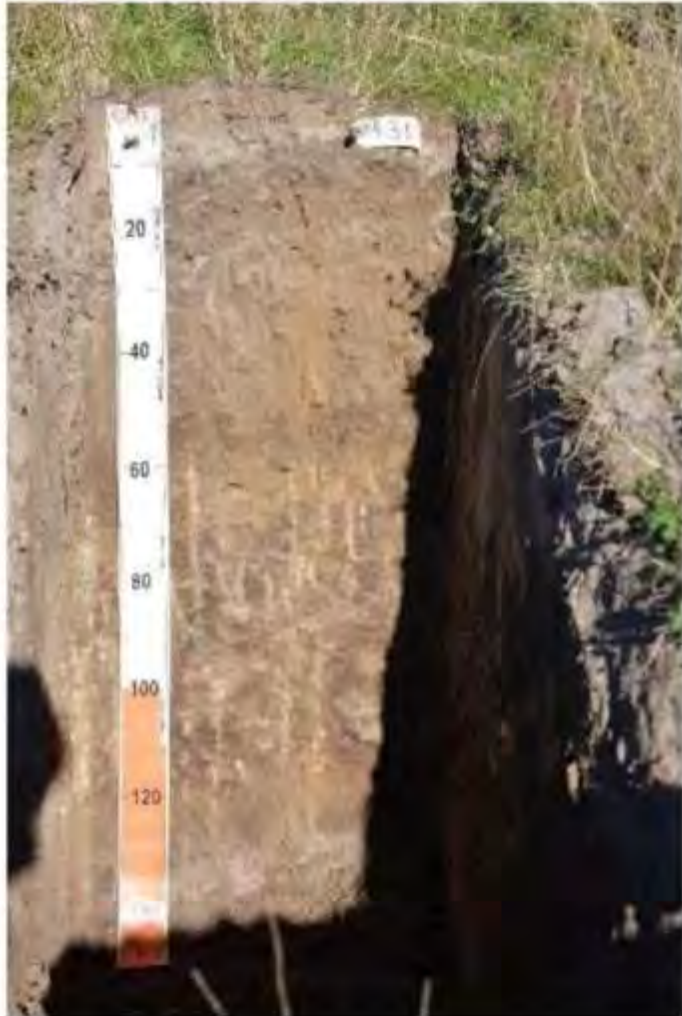


Photo Source: (McKenzie 2014)

Detailed Site – Red Vertosol

M32 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Brown Vertosol

M53 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)

Detailed Site – Brown Vertosol

M34 Pit profile, landscape and surface photo



Photo Source: (McKenzie 2014)



Site 1 - Check Site
Stratic Rudosol



North



South



East



West



Site 2 - Check Site
Brown Vertisol



North



South



East



West



Site 3 - Detailed Site
Haplic Eutrophic Red
Chromosol



North



South



East



West



Site 4 - Check Site
Brown Chromosol



North



South



East



West



Site 5 - Detailed Site
Endocalcareous Self
Mulching Brown Vertosol



North



South



East



West



Site 6 - Detailed Site
Haplic Eutrophic Brown
Dermosol





Site 7 - Check Site
Grey Chromosol



North



South



East



West



Site 8 - Detailed Site
Endocalcareous Self
Mulching Black Vertosol



North



South



East



West



Site 9 - Detailed Site
Endocalcareous Self
Mulching Brown Vertisol



North



South



East



West



Site 10 - Detailed Site
Endocalcareous Self
Mulching Black Vertisol



North



South



East



West



Site 11 - Check Site
Haplic Self Mulching
Brown Vertisol





Site 12 - Check Site
Haplic Self Mulching Red
Vertosol



North



South



East



West



Site 13 - Detailed Site
Haplic Eutrophic Red
Chromosol





Site 14 - Check Site
Brown Vertosol (Shallow)





Site 14/15 - Detailed Site
Endocalcareous-
Endohypersodic Self
Mulching Black Vertisol



North



South



East



West



Site 15 - Detailed Site
Haplic Self Mulching Black
Vertisol



North



South



East



West



Site 16 - Detailed Site
Endocalcareous Epipedal
Black Vertosol



North



South



East



West



Site 17 - Check Site
Mottled Self Mulching
Brown Vertisol





Site 18 - Check Site
Haplic Self Mulching
Brown Vertosol (Shallow)





Site 19 - Check Site
Red Chromosol





Site 20 - Detailed Site
Endohypersodic Self
Mulching Black Vertisol



North



South



East



West



Site 21 - Check Site
Self Mulching Black
Vertosol





Site 22 - Check Site
Red Chromosol (Shallow)



North



South



East



West



Site 23 - Check Site
Haplic Self Mulching
Brown Vertosol





Site 24 - Check Site
Haplic Self Mulching
Brown Vertisol



North



South



East



West



Site 25 - Check Site
Haplic Self Mulching
Brown Vertisol





Site 26 - Check Site
Endocalcareous Seld
Mulching Black Vertosol



North



South



East



West



Site 27 - Detailed Site
Haplic Self Mulching
Brown Vertosol



North



South



East



West



Site 28 - Detailed Site
Endocalcareous Self
Mulching Brown Vertisol





Site 29 - Check Site
Endocalcareous Self
Mulching Red Vertosol





Site 30 - Check Site
Brown Sodosol



North



South



East



West



Site 31 - Check Site
Brown Sodosol



North



South



East



West



Site 32 - Detailed Site
Endocalcareous Self
Mulching Brown Vertisol



North



South



East



West



Site 33 - Detailed Site
Eutrophic Subnatric Brown
Sodosol



North



South



East



West



Site 35 - Check Site
Mottled Calcic Brown
Chromosol



North



South



East



West



Site 36 - Check Site
Mottled Calcic Brown
Chromosol



North



South



East



West



Site 37 - Check Site
Mottled Hypercalcic
Brown Chromosol





Site 38 - Check Site
Red Sodosol (Buried)



North



South



East



West



Site 43 - Detailed Site
Mottled Self Mulching
Grey Vertosol



North



South



East



West



Site 44 - Detailed Site
Haplic Self Mulching Grey
Vertosol



North



South



East



West



Site 45 - Check Site
Haplic Calcic Brown
Chromosol





Site 46 - Detailed Site
Endocalcareous Self
Mulching Brown Vertosol





Site 47 - Detailed Site
Eutrophic Subnatric Brown
Sodosol



North



South



East



West



Site 48 - Check Site
Haplic Self Mulching
Brown Vertosol



North



South



East



West



Site 49 - Detailed Site
Haplic Self Mulching Black
Vertosol (Depression)
Haplic Self Mulching
Brown Vertosol (Puff)



North



South



East



West



Site 50 - Check Site
Haplic Self Mulching
Brown Vertosol





Site 51 - Detailed Site
Haplic Epipedal Brown
Vertosol





Site 52 - Detailed Site
Self Mulching Black
Vertosol





Site 54 - Check Site
Mottled Self Mulching
Brown Vertosol



North



South



East



West



Site 55 - Check Site
Endocalcareous Self
Mulching Black Vertosol



North



South



East



West



Site 56 - Detailed Site
Eutrophic Subnatic Brown
Sodosol



North



South



East



West



Site 57 - Check Site
Stratic Rudosol



North



South



East



West



Site 58 - Check Site
Sodic Eutrophic Brown
Dermosol





Site 59 - Detailed Site
Sodic Eutrophic Brown
Dermosol





Site 60 - Detailed Site
Brown Sodosol



North



South



East



West



Site 61 - Detailed Site
Eutrophic Subnatric Black
Sodosol



North



South



East



West



Site 62 - Check Site
Brown Sodosol (Shallow)



North



South



East



West



Site 63 - Detailed Site
Eutrophic Subnatic Brown
Sodosol



North



South



East



West



Site 64 - Check Site
Stratic Rudosol (Shallow)



North



South



East



West



Site 65 - Detailed Site
Sodic Eutrophic Brown
Dermosol



North



South



East



West



Site 66 - Check Site
Stratic Rudosol



North



South



East



West



Site 67 - Detailed Site
Sodic Eutrophic Brown
Dermosol



North



South



East



West



Site 68 - Detailed Site
Endocalcareous Crusty
Brown Vertosol





Site 69 - Detailed Site
Endocalcareous Epipedal
Brown Vertisol (Shallow)





Site 70 - Check Site
Endocalcareous Epipedal
Brown Vertisol



North



South



East



West



Site 72 - Detailed Site
Eutrophic Subnatic Brown
Sodosol





Site 73 - Check Site
Stratic Rudosol



North



South



East



West



Site 74 - Check Site
Stratic Rudosol



North



South



East



West



Site 75 - Detailed Site
Sodic Eutrophic Brown
Dermosol



North



South



East



West



Site 76 - Check Site
Sodic Eutrophic Brown
Dermosol



North



South



East



West



Site 77 - Check Site
Sodic Eutrophic Brown
Dermosol



North



South



East



West



Site 78 - Check Site
Red Chromosol (Shallow)





Site 80 - Check Site
Crusty Red Vertisol
(Shallow)



North



South



East



West



Site 81 - Check Site
Epipedal Red Vertisol
(Shallow)





Site 82 - Detailed Site
Sodic Eutrophic Brown
Dermosol





Site 83 - Detailed Site
Endocalcareous Epipedal
Black Vertosol (Buried)



North



South



East



West



Site 84 - Check Site
Red Chromosol



North



South



East



West



Site 85 - Detailed Site
Haplic Epipedal Black
Vertosol (Buried)





Site 86 - Detailed Site
Sodic Eutrophic Brown
Dermosol



North



South



East



West



Site 87 - Check Site
Self Mulching Brown
Vertosol (Shallow)





Site 88 - Detailed Site
Haplic Eutrophic Brown
Dermosol



North



South



East



West



Site B5 - Detailed Site
Eutrophic Subnatric Brown
Sodosol



North



South



East



West



Site B6 - Detailed Site
Endocalcareous Self
Mulching Brown Vertisol



North



South



East



West



Site B7 - Detailed Site
Endocalcareous Self
Mulching Brown Vertisol





Site B8 - Detailed Site
Endocalcareous Self
Mulching Brown Vertisol



Laboratory Analysis Report

Sample ID	Sample Name	Sample Depth From	pH (1:5 Water)	pH (1:5 CaCl2)	Elect.	Elec.	Chloride	Calcium	Magnesium	Potassium	Sodium	Aluminium (KCl)	CEC	ESP	ESI	Ca/Mg	ASWAT	Nitrate	Phosphorus	Sulfate	Zinc (DTPA)	Copper	Boron	Organic Carbon (OC)	
					Conductivity	Cond. (Sat. Ext.)		(Amm- acet.)	m (Amm- acet.)	(Amm- acet.)	(Amm- acet.)							Nitrogen (NO3)	us (Colwell)	PBI		Sulfur (KCl40)	(DTPA)		(Hot CaCl2)
					dS/m	dS/m		mg/kg	Meq/100g	Meq/100g	Meq/100g							Meq/100g	Meq/100g	mg/kg		mg/kg	mg/kg		mg/kg
21494587	M1	0 to 5	5.6	4.7	0.07	0.60	15	4.9	1.4	1	0.04	0.1	7.44	0.54	0.13	3.5	3	13	40	73	7.2	5.3	0.93	0.47	3.1
21494588	M1	5 to 15	5.9	4.8	0.03	0.26	5	4.1	1.2	0.63	0.04	0.1	6.07	0.66	0.05	3.42	5	4.2	38	65	3.1	1.1	0.84	0.35	1.2
21494589	M1	15 to 30	6.3	4.9	0.01	0.09	13	4.2	1.2	0.36	0.06	0.1	5.92	1.01	0.01	3.5	5	1.8	28	54	2	0.48	0.58	0.3	0.76
21494590	M1	30 to 40	6.6	5.3	0.01	0.09	5	3.5	1.3	0.27	0.07	0.1	5.24	1.34	0.01	2.69	8	1.4	33	47	1.7	0.08	0.63	0.25	0.34
21494591	M1	40 to 60	7.1	5.6	0.02	0.15	11	11	6.4	0.45	0.43	0	18.28	2.35	0.01	1.72	15	0.3	35	140	3.2	0.01	1.1	0.72	0.57
21494592	M1	60 to 100	8.3	6.9	0.07	0.53	38	9.5	5.8	0.33	1.3	0	16.93	7.68	0.01	1.64	14	0.3	23	74	8.9	0.01	0.44	0.77	0.1
21494593	M1	200	7.9	6.8	0.11	0.74	130	7.5	4.1	0.23	1.1	0	12.93	8.51	0.01	1.83	7	0.7	23	42	3.3	0.11	0.38	0.4	0.21
21494594	M1	300	7.8	6.8	0.16	1.07	200	9	5.3	0.21	1.3	0	15.81	8.22	0.02	1.7	6	0.3	18	37	4.3	0.06	0.52	0.27	0.1
21494595	M2	0 to 5	6.5	5.5	0.09	0.77	27	9.5	7.2	1.2	0.52	0	18.42	2.82	0.03	1.32	13	5.5	18	78	7.5	1.3	1.1	0.8	3.4
21494596	M2	5 to 12	6.5	5.3	0.07	0.53	24	7	5.8	0.69	0.61	0.1	14.2	4.3	0.02	1.21	13	0.8	16	80	4.7	0.42	1.2	0.49	2
21494597	M2	15 to 30	6.8	5.6	0.12	0.70	95	11	12	0.57	2	0	25.57	7.82	0.02	0.92	15	0.3	13	91	4.3	0.1	1.1	0.57	0.92
21494598	M2	30 to 60	8.7	8	0.72	6.19	560	19	21	0.48	5.7	0	46.18	12.34	0.06	0.9	3	0.3	13	120	31	0.09	0.98	2.5	0.57
21494599	M2	60 to 100	8.9	8.3	0.87	7.48	810	24	20	0.53	6.5	0	51.03	12.74	0.07	1.2	0	0.3	6	100	46	0.02	0.88	2.5	0.35
21494600	M3	0 to 5	5.9	4.8	0.06	0.52	19	5.5	4.5	1.1	0.22	0.1	11.42	1.93	0.03	1.22	7	7.8	16	96	4.5	3	0.94	0.54	3.1
21494601	M3	5 to 15	6.5	5.4	0.07	0.60	40	4.7	4.5	1.1	0.35	0.1	10.75	3.26	0.02	1.04	8	1.8	5	62	3.5	0.67	0.54	0.49	1.5
21494602	M3	15 to 30	7.4	6.4	0.21	1.81	180	9	17	0.76	3.2	0	29.96	10.68	0.02	0.53	14	0.3	6	110	12	0.12	0.87	1.3	0.88
21494603	M3	30 to 60	8.6	8	0.83	6.23	910	10	18	0.41	6.5	0	34.91	18.62	0.04	0.56	2	0.3	6	110	94	0.07	0.82	2.8	0.4
21494604	M3	60 to 100	9	8.3	0.73	6.28	780	8	12	0.35	4.8	0	25.15	19.09	0.04	0.67	2	0.6	9	68	57	0.07	0.59	1.6	0.2
21494605	M4	0 to 5	6	5	0.06	0.52	19	8	4.3	1.3	0.1	0.1	13.8	0.72	0.08	1.86	10	4.8	12	63	7.2	4.3	1.4	0.65	3.8
21494606	M4	5 to 15	6.3	5.3	0.05	0.43	5	12	4.8	1.5	0.11	0.1	18.51	0.59	0.08	2.5	10	1.5	8	87	4.8	1.3	2.3	0.82	2.7
21494607	M4	15 to 30	8	7.1	0.09	0.60	36	14	9.9	0.72	0.57	0	25.19	2.26	0.04	1.41	6	1	3	200	5.5	0.12	1.6	1.5	0.66
21494608	M4	30 to 60	8.6	7.8	0.19	1.27	94	17	13	0.55	0.96	0	31.51	3.05	0.06	1.31	0	0.8	3	220	16	0.11	1.3	1.2	0.53
21494609	M4	60 to 80	9	8.2	0.25	1.68	79	22	12	0.37	1.3	0	35.67	3.64	0.07	1.83	4	1.7	3	140	21	0.05	0.95	0.9	0.3
21494610	M5	0 to 5	6.3	5.4	0.08	0.69	14	6.5	5.7	1.4	0.33	0.1	14.03	2.35	0.03	1.14	13	7	13	97	4.2	0.81	1.1	0.64	2.3
21494611	M5	5 to 10	6	5	0.11	0.95	39	6.5	5.9	1.2	0.42	0.1	14.12	2.97	0.04	1.1	8	16	12	96	8.6	0.97	1.2	0.73	2.8
21494612	M5	15 to 30	6.9	5.7	0.08	0.54	25	9	11	0.86	1.3	0	22.16	5.87	0.01	0.82	13	4.5	9	120	3.6	0.21	1.3	1.2	1.3
21494613	M5	30 to 60	8.6	8	0.59	3.95	520	15	19	0.5	4.8	0	39.3	12.21	0.05	0.79	12	1.4	3	170	22	0.08	1.2	3.3	0.74
21494614	M5	60 to 100	8.8	8.3	1.01	7.58	1000	19	16	0.57	6.5	0	42.07	15.45	0.07	1.19	1	0.8	8	160	67	0.05	0.93	4.4	0.24
21494615	M6	0 to 5	7.5	7.1	0.28	2.41	20	27	12	2.2	0.19	0	41.39	0.46	0.61	2.25	9	5.6	13	120	4.4	0.85	0.83	1	3.9
21494616	M6	5 to 15	7	5.9	0.07	0.47	5	14	12	1.6	0.78	0	28.38	2.75	0.03	1.17	15	1.6	7	88	3.2	0.36	0.96	1	2.4
21494617	M6	17 to 30	8.5	7.4	0.18	1.35	110	17	23	1	2.9	0	43.9	6.61	0.03	0.74	8	0.3	3	110	8	0.12	0.87	1.8	1
21494618	M6	30 to 55	8.7	8.1	0.74	5.55	630	19	29	0.68	5.2	0	53.88	9.65	0.08	0.66	0	0.3	3	130	35	0.09	0.92	2.4	0.81
21494619	M6	60 to 100	8.9	8.3	1.01	7.58	1000	25	26	0.43	6.1	0	57.53	10.6	0.1	0.96	0	1	3	160	57	0.05	0.71	3.2	0.32
21494620	M7	0 to 5	7.8	7.3	0.25	2.15	16	32	8																

21494646	M11	60 to 100	8.7	8.3	1.38	9.25	1500	21	30	0.72	9.6	0	61.32	15.66	0.09	0.7	0	0.8	6	140	79	0.09	1.7	2.2	0.25
21494647	M12	0 to 5	6.5	5.3	0.07	0.60	17	6.5	9.9	0.95	0.78	0.1	18.23	4.28	0.02	0.66	10	3.9	12	82	4.9	1.2	0.87	0.71	2.9
21494648	M12	8 to 12	6.2	4.9	0.09	0.77	64	4.8	8.2	0.37	1.3	0.1	14.77	8.8	0.01	0.59	9	0.9	8	92	7.5	0.28	1.2	0.53	1.6
21494649	M12	15 to 23	7.4	6.3	0.24	1.80	190	10	25	0.44	4.3	0	39.74	10.82	0.02	0.4	13	0.3	6	150	8.8	0.15	1.1	1.6	1.5
21494650	M12	30 to 38	8.7	8.1	0.84	4.87	690	20	33	0.5	7	0	60.5	11.57	0.07	0.61	2	0.3	5	200	69	0.1	1.2	2.1	0.82
21494651	M12	38 to 60	8.9	8.4	1.06	7.95	740	23	33	0.56	8.3	0	64.86	12.8	0.08	0.7	0	0.3	3	170	130	0.06	1.3	3.3	0.42
21494652	M12	60 to 100	9	8.5	1.1	8.25	820	22	30	0.57	8.3	0	60.87	13.64	0.08	0.73	0	0.3	3	150	160	0.07	1	3	0.19
21494653	M13	0 to 5	6.5	5.9	0.12	0.90	11	9.5	8.2	1.3	0.4	0	19.4	2.06	0.06	1.16	13	7.8	13	73	7.5	7.9	1.1	0.62	3.7
21494654	M13	5 to 15	6.4	5.3	0.06	0.45	14	7.5	7.4	0.89	0.48	0.1	16.37	2.93	0.02	1.01	14	0.9	9	82	3.8	1.9	1.7	0.49	1.9
21494655	M13	18 to 30	6.9	5.7	0.09	0.52	30	8.5	11	0.72	1.3	0	21.52	6.04	0.01	0.77	14	0.3	9	87	3.6	0.55	1.4	0.5	1.1
21494656	M13	30 to 48	6.4	5.5	0.25	1.45	160	9	14	0.65	2.7	0	26.35	10.25	0.02	0.64	13	0.3	3	71	22	0.49	2.2	0.3	0.43
21494657	M13	48 to 60	5.9	5.1	0.39	2.93	350	9	16	0.57	3.8	0.24	29.61	12.83	0.03	0.56	12	0.3	7	63	42	0.69	2.4	0.25	0.27
21494658	M13	60 to 100	5.2	4.3	0.45	3.38	450	7.5	16	0.58	5.2	1.3	30.58	17	0.03	0.47	5	0.9	7	69	32	0.72	2.6	0.17	0.1
21494659	M14	0 to 5	6.2	5.2	0.07	0.60	16	8.5	5.2	0.88	0.34	0.1	15.02	2.26	0.03	1.63	11	3	8	67	7.3	3.6	0.55	0.6	3
21494660	M14	8 to 15	6.8	5.6	0.07	0.47	5	12	11	0.69	1.3	0	24.99	5.2	0.01	1.09	15	0.3	3	130	3.1	0.21	0.95	0.5	1
21494661	M14	15 to 30	7.1	6	0.1	0.67	25	13	12	0.6	1.9	0	27.5	6.91	0.01	1.08	15	0.3	3	120	4.3	0.17	1.1	0.39	0.67
21494662	M14	30 to 50	7.4	6.2	0.12	0.90	60	13	13	0.55	2.7	0	29.25	9.23	0.01	1	12	0.3	3	100	11	0.1	1.2	0.3	0.42
21494663	M15	0 to 5	5.8	4.8	0.04	0.38	11	4.1	1.6	0.71	0.09	0.1	6.6	1.36	0.03	2.56	6	4	14	65	3.5	2.6	0.69	0.47	2.4
21494664	M15	5 to 15	6.1	4.9	0.03	0.29	15	2.2	1.2	0.54	0.13	0.1	4.17	3.12	0.01	1.83	11	1	5	41	2.7	0.35	0.28	0.26	0.7
21494665	M15	15 to 30	6	5	0.24	1.61	160	4.6	8.2	0.39	3.1	0.22	16.51	18.78	0.01	0.56	14	0.3	3	73	16	0.09	0.56	0.4	0.5
21494666	M15	30 to 45	5.8	4.9	0.45	3.02	480	5	11	0.35	4.8	0.3	21.45	22.38	0.02	0.45	14	0.3	3	80	27	0.07	0.65	0.4	0.4
21494667	M15	45 to 60	6.5	5.8	0.75	5.03	940	4.5	11	0.33	7	0	22.83	30.66	0.02	0.41	13	0.3	3	54	29	0.07	0.6	0.39	0.2
21494668	M15	75 to 100	8	7.1	0.66	4.95	830	4.2	8.2	0.3	7	0	19.7	35.53	0.02	0.51	14	0.7	15	51	2.1	0.18	0.55	0.24	0.1
21494669	M16	0 to 5	6.1	5.1	0.07	0.60	22	5.5	4.1	1.2	0.28	0.1	11.18	2.5	0.03	1.34	10	2	38	76	6.6	2.2	1.1	0.69	2.5
21494670	M16	8 to 15	6.4	5.1	0.07	0.47	24	5	5	0.6	0.87	0.1	11.57	7.52	0.01	1	13	0.9	13	72	3.9	0.44	1.1	0.59	1.1
21494671	M16	15 to 30	7.4	6.2	0.15	1.01	83	7	9.1	0.42	2.3	0	18.82	12.22	0.01	0.77	15	0.3	3	83	8.5	0.09	1.1	0.95	0.68
21494672	M16	33 to 60	8.6	7.6	0.44	4.18	490	5	7.7	0.3	3.7	0	16.7	22.16	0.02	0.65	4	0.3	9	86	28	0.05	0.66	1.2	0.27
21494673	M16	60 to 74	8.7	8	0.79	7.51	900	5.5	9.1	0.34	5.7	0	20.64	27.62	0.03	0.6	2	0.6	11	98	47	0.05	0.76	1.3	0.27
21494674	M16	74 to 100	8.5	7.9	1.04	7.80	1300	8	13	0.49	7.4	0	28.89	25.61	0.04	0.62	2	0.3	3	83	43	0.13	1.2	1.1	0.39
21494675	M17	0 to 5	6.2	5.3	0.08	0.69	11	16	4.5	0.99	0.13	0.1	21.72	0.6	0.13	3.56	9	5.7	13	110	7.4	1.9	2.7	1	4.4
21494676	M17	5 to 15	6.3	5.5	0.07	0.60	5	18	5.1	0.82	0.1	0	24.02	0.42	0.17	3.53	8	8	15	120	7.1	1.4	2.8	1	3.8
21494677	M17	20 to 30	7.2	6.2	0.05	0.38	5	26	6.9	0.45	0.28	0	33.63	0.83	0.06	3.77	2	0.9	8	200	5.7	0.15	1.3	0.8	1.4
21494678	M17	30 to 47	7.6	6.7	0.08	0.60	15	30	7.3	0.37	0.42	0	38.09	1.1	0.07	4.11	1	0.3	12	220	14	0.09	0.67	0.65	0.87
21494679	M17	47 to 60	7.9	6.9	0.08	0.69	18	28	6.1	0.22	0.4	0	34.72	1.15	0.07	4.59	1	0.3	3	170	18	0.09	0.61	0.52	0.56
21494680	M18	0 to 5	7.9	7.3	0.25	2.15	22	37	9.1	2.2	0.27	0	48.57	0.56	0.45	4.07	2	3.6	12	150	6.4	0.68	1.2	1.3	3.3
21494681	M18	8 to 15	6	5	0.11	0.64	57	14	6.8	1.8	0.78	0.1	23.48	3.32	0.03	2.06	15	2.5	12	120	3.9	0.53	2.2	1.1	3.6
21494682	M18	15 to 30	7.2	6.2	0.16	0.93	100	19	12	2	2	0	35	5.71	0.03	1.58	13	1	11	110	4.7	0.18	1.6	1.7	1.6
21494683	M18	30 to 60	8.6	8	0.76	4.41	680	24	16	1.2	5.7	0	46.9	12.15	0.06	1.5	1	0.3	3	120	52	0.09	1.4	2.5	0.87
21494684	M18	60 to 85	8.8	8.3	1.02	5.92	970	30	19	0.53	7.8	0	57.33	13.61	0.07	1.58	1	0.7	3	86	100	0.06	1.3	2.5	0.31
21494685	M18	85 to 100	8.9	8.3	0.98	5.68	960	20	20	0.38	8.7	0	49.08	17.73	0.06	1	0	0.7	11	48	90	0.09	0.99	1.5	0.1
21494686	M19	0 to 5	6.9	6.5	0.16	1.38	19	17	7.4	1.8	0.27	0	26.47	1.02	0.16	2.3	13	7.4	24	160	5.9	1.1	1.4	1.3	3.4
21494687	M19	10 to 15	7.5	6.1	0.08	0.46	25	9.5	11	0.58	1.7	0	22.78	7.46	0.01	0.86	13	1.3	9	120	3.7	0.09	1.6	1.3	1.4
21494688	M19	15 to 30	8.6	7.5	0.3	1.74	210	13	21	0.67	4.8	0	39.47	12.16	0.02	0.62	14	0.7	3	200	12	0.07	1.3	2.3	1
21494689	M19	30 to 60	8.9	8.4	1.07	6.21	1100	21	21	0.46	8.3	0	50.76	16.35	0.07	1	3	0.8	3	180	68	0.06	1.2	5	0.67
21494690	M19	60 to 100	8.8	8.4	1.66	11.12	2100	21	22	0.52	11	0	54.52	20.18	0.08	0.95	0	1.6	9	140	110	0.08	1.1	5	0.19
21494691	M20	0 to 5	5.8	4.9	0.11	0.95	13	10	4.1	2.4	0.13	0.1	16.73	0.78	0.14	2.44	9	7.2	57	90	18	1.4	1.4	0.97	3
21494692	M20	8 to 15	5.9	4.9	0.09	0.52	11	14	8.2	0.58	0.48	0.1	23.36	2.05	0.04	1.71	6	2.3	16	99	22	0.2	1.8	0.69	1.7
21494693	M20	15 to 30	6.6	5.5	0.09	0.52	71	17	9.9	0.6	0.74	0	28.24	2.62	0.03	1.72	8	1.2	3	98	10	0.14	1.6	0.87	1.3
21494694	M20	30 to 45	7.6	6.5	0.1	0.58	61	17	11	0.51	1.2	0	29.71	4.04	0.02	1.55	7	1.1	3	96	10	0.09	1.1	1.2	1.1
21494695	M20	45 to 58	7.8	6.8	0.14	0.94	160	12	8.2	0.36	1.3	0	21.86	5.95	0.02	1.46	4	1.2	3	97	4.3	0.07	0.68	1.1	0.62
21494696	M20	58 to 65	8.7	7.4	0.11	0.64	66	12	11	0.39	2.3	0	25.69	8.95	0.01	1.09	9	1	9	89	6.7	0.04	0.91	1.2	0.47
21494697	M20	65 to 75	9.1	7.8	0.12	1.03	57	6	6.2	0.25	1.7	0	14.15	12.01	0.01	0.97	11	1.3	3	41	7.9	0.04	0.47	0.84	0.1
21494698	M20	75 to 100	8.9	7.9	0.3	1.74	220	13	16	0.51	4.8	0	34.31	13.99	0.02	0.81	6	2	3	110	22	0.08	1.2	2.7	0.25
21494699	M21	0 to 5	5.5	4.8	0.17	1.46	19	17	7	1.8	0.17	0.1	26.07	0.65	0.26	2.43	7	49	85	110	18	2	1.8	0.75	4.5
21494700	M21	8 to 15	5.9	4.9	0.07	0.47	14	18	8	0.9	0.31	0.1	27.31	1.14	0.06	2.25	5	2.6	25	110	9.7	0.33	1.9	0.84	3
21494701	M21	15 to 30	6.8	5.8	0.09	0.60	47	23	11	0.67	0.91	0	35.58	2.56	0.04	2.09	4	1.2	13	110	9.9	0.17	1.6	1.1	1.8
21494702	M21	30 to 60	8.1	7.1	0.15	1.01	110																		

21494712	M23	10 to 15	6.8	5.9	0.05	0.29	<10.0	0.5	12	120	23.0	8.2	1.4	0.2	0.0	32.8	0.5	0.10	2.8	120	0.35	1.5	0.86	2.3	1.8
21494713	M23	15 to 30	7.2	6.1	0.04	0.23	11	<0.5	9	98	26.0	8.0	1.1	0.2	0.0	35.3	0.6	0.07	3.3	98	0.22	1	0.97	1.4	2.2
21494714	M23	30 to 40	7.8	6.7	0.07	0.41	34	<0.5	6	100	27.0	9.1	0.8	0.4	0.0	37.3	1.0	0.07	3.0	100	0.07	0.85	1.4	1.7	1.5
21494715	M23	40 to 60	8.6	7.9	0.16	0.93	57	<0.5	5	130	30.0	9.1	0.6	0.5	0.0	40.3	1.3	0.12	3.3	130	0.05	0.85	1.7	3	0.63
21494716	M23	60 to 85	8.9	8.1	0.17	0.99	20	<0.5	6	140	35.0	11.0	0.8	0.8	0.1	47.7	1.7	0.10	3.2	140	0.04	0.71	2.3	12	0.51
21494717	M24	0 to 5	6	5	0.05	0.43	<10.0	9.6	22	45	8.0	1.5	1.2	0.0	0.1	10.8	0.1	0.54	5.3	45	3	0.46	0.37	3.9	2.6
21494718	M24	5 to 15	7.2	6.3	0.05	0.43	11	1.3	10	40	10.0	1.8	1.1	0.1	0.0	13.0	0.4	0.13	5.6	40	0.25	0.56	0.64	3.1	1.3
21494719	M24	20 to 30	8.7	8	0.12	1.66	<10.0	1.7	<5	81	27.0	1.3	0.7	0.1	0.0	29.0	0.2	0.70	20.8	81	0.12	0.45	0.62	3.5	0.73
21494720	M24	35 to 50	8.8	8.1	0.11	0.95	<10.0	0.7	7	90	29.0	1.8	0.6	0.1	0.0	31.5	0.3	0.43	16.1	90	0.03	0.27	0.59	3.4	0.31
21494726	M24	60 to 100	8.8	8.1	0.13	0.98	12	<0.5	6	88	33.0	3.6	0.6	0.1	0.1	37.4	0.4	0.35	9.2	88	0.03	0.43	0.74	3.2	0.3
21494727	M25	0 to 5	5.4	4.6	0.14	1.20	28	27	68	100	6.5	2.0	2.8	0.0	0.2	11.5	0.3	0.54	3.3	100	3.2	0.79	0.86	18	4.1
21494728	M25	5 to 15	6	4.9	0.05	0.43	<10.0	2.5	74	92	6.0	2.8	2.3	0.0	0.1	11.2	0.3	0.19	2.1	92	0.44	0.7	0.79	4	1.7
21494729	M25	20 to 30	7.7	6.6	0.07	0.53	<10.0	0.8	<5	160	8.0	8.2	2.6	0.5	0.0	19.3	2.7	0.03	1.0	160	0.03	0.58	1.9	5.7	0.53
21494730	M25	30 to 50	8.5	7.4	0.13	0.98	19	0.8	<5	290	9.5	13.0	2.4	1.2	0.0	26.1	4.6	0.03	0.7	290	0.03	0.44	3.4	16	0.4
21494731	M25	60 to 85	9.3	8.5	0.43	2.88	210	0.7	<5	320	15.0	18.0	1.0	4.3	0.0	38.3	11.2	0.04	0.8	320	0.02	0.39	5	42	0.22
21494732	M25	85 to 100	9.4	8.6	0.46	2.67	250	0.6	<5	140	20.0	16.0	0.7	4.4	0.1	41.2	10.7	0.04	1.3	140	0.04	0.39	3.1	34	<0.15
21494733	M26	0 to 5	5.9	4.9	0.07	0.67	15	4.1	13	80	9.0	3.0	1.7	0.1	0.1	13.9	0.5	0.14	3.0	80	2.7	0.7	0.56	5.3	4.4
21494734	M26	5 to 10	5.6	4.6	0.07	0.67	26	1.4	10	88	7.0	2.0	2.3	0.0	0.3	11.7	0.3	0.20	3.5	88	1.5	0.67	0.58	4.3	3.6
21494735	M26	10 to 15	6.6	5.5	0.03	0.29	<10.0	1.4	<5	33	6.0	2.1	0.6	0.1	0.0	8.8	0.7	0.04	2.9	33	0.13	0.3	0.4	2.7	0.85
21494736	M26	15 to 30	7.6	6.4	0.05	0.43	<10.0	<0.5	<5	98	16.0	7.1	1.4	0.3	0.0	24.8	1.1	0.04	2.3	98	0.05	0.47	1.1	3.7	0.5
21494737	M26	30 to 45	8.6	7.9	0.16	1.38	11	<0.5	<5	140	30.0	9.1	1.3	0.5	0.0	40.9	1.2	0.14	3.3	140	0.03	0.37	1.5	5.9	0.5
21494738	M26	60 to 100	9.2	8.3	0.19	2.62	84	0.5	<5	43	27.0	5.8	0.5	1.0	0.0	34.3	2.9	0.07	4.7	43	0.02	0.09	0.89	16	<0.15
21494739	M27	0 to 5	6.6	5.6	0.09	0.68	28	1.6	7	100	11.0	13.0	2.4	0.6	0.1	27.1	2.3	0.04	0.8	100	0.84	1.7	1.1	4.2	2.9
21494740	M27	5 to 15	7.2	6.1	0.1	0.75	38	1.1	<5	110	13.0	18.0	2.0	1.4	0.0	34.4	4.1	0.02	0.7	110	0.21	1.4	1.5	4.4	1.7
21494741	M27	20 to 30	8.3	7.3	0.25	1.45	160	0.8	<5	130	14.0	26.0	1.6	3.2	0.0	44.8	7.1	0.04	0.5	130	0.1	1.2	2.5	11	0.97
21494742	M27	30 to 55	8.8	8.3	0.82	4.76	830	1.5	<5	140	14.0	26.0	0.8	5.7	0.0	46.5	12.3	0.07	0.5	140	0.06	1.1	4.6	55	0.62
21494743	M27	60 to 100	8.7	8.4	1.48	9.92	1600	<0.5	<5	130	22.0	27.0	0.7	7.8	0.1	57.6	13.5	0.11	0.8	130	0.05	0.79	6.1	160	0.26
21494744	M28	0 to 5	6.2	5.1	0.07	0.60	24	2.2	10	69	7.5	6.3	1.3	0.4	0.1	15.6	2.4	0.03	1.2	69	1.5	1.4	0.66	4	3.4
21494745	M28	5 to 15	7.4	6.4	0.1	0.67	22	<0.5	<5	83	13.0	13.0	1.5	1.0	0.0	28.5	3.5	0.03	1.0	83	0.13	1.4	1.3	3.7	1.4
21494746	M28	15 to 30	8.5	7.5	0.25	1.68	160	0.8	<5	110	17.0	21.0	1.2	3.0	0.0	42.2	7.1	0.04	0.8	110	0.08	1.4	1.8	8	0.94
21494747	M28	30 to 50	8.7	8.2	0.88	5.90	990	1.9	<5	130	16.0	26.0	0.8	6.1	0.0	48.9	12.5	0.07	0.6	130	0.07	1.3	2.6	58	0.74
21494748	M28	60 to 100	8.7	8.4	1.53	8.87	1900	8.3	<5	120	21.0	26.0	0.6	9.1	0.1	56.8	16.0	0.10	0.8	120	0.06	1.2	3.3	73	0.4
21494749	M29	0 to 5	6.3	5.4	0.09	0.77	15	8.7	16	71	16.0	7.8	1.5	0.2	0.1	25.6	0.7	0.13	2.1	71	2.6	0.88	0.94	7.6	5.5
21494750	M29	5 to 15	6.1	5.2	0.07	0.60	11	4.5	7	99	19.0	5.9	1.5	0.1	0.1	26.6	0.4	0.19	3.2	99	1.1	1.2	0.98	7.7	3.9
21494751	M29	15 to 30	6.6	5.8	0.07	0.47	12	2.2	8	100	17.0	6.2	0.8	0.1	0.0	24.1	0.6	0.12	2.7	100	0.31	1	0.79	6.6	1.5
21494752	M29	30 to 50	8.1	7.5	0.2	1.34	<10.0	0.7	<5	210	28.0	15.0	0.7	0.4	0.1	44.1	0.8	0.24	1.9	210	0.09	0.51	1.7	9.3	0.92
21494753	M30	0 to 5	6.2	5.2	0.11	0.95	53	5.4	200	94	7.5	4.2	2.1	0.4	0.1	14.3	2.9	0.04	1.8	94	15	1.1	0.87	7	3.7
21494754	M30	8 to 15	7.8	6.8	0.29	1.68	290	0.8	80	77	8.0	7.3	1.6	2.9	0.0	19.8	14.6	0.02	1.1	77	2.2	0.97	1.2	8.4	1.2
21494755	M30	20 to 30	8.8	8.2	1.07	6.21	1200	0.8	11	93	10.0	12.0	2.2	8.7	0.0	32.9	26.4	0.04	0.8	93	0.29	1.1	2.9	92	0.47
21494756	M30	30 to 60	8.7	8.3	2	11.60	2400	0.8	6	95	9.5	14.0	2.1	13.0	0.0	38.6	33.7	0.06	0.7	95	0.1	0.89	3.1	290	0.28
21494757	M30	60 to 100	9.2	8.3	0.88	19.98	930	<0.5	14	69	3.7	6.7	0.7	8.3	0.1	19.5	42.5	0.02	0.6	69	0.08	0.49	1.2	110	0.18
21494758	M31	0 to 5	5.6	4.6	0.08	0.69	32	4.7	25	97	6.0	2.8	1.3	0.2	0.1	10.4	1.8	0.04	2.1	97	5.9	1.2	0.64	8.7	3.6
21494759	M31	5 to 10	6.6	5.4	0.06	0.52	31	0.9	10	54	6.0	3.9	0.5	0.4	0.1	11.0	4.0	0.01	1.5	54	1.6	0.8	0.53	5.6	1.1
21494760	M31	15 to 30	7.3	6.5	0.29	1.94	250	<0.5	<5	110	14.0	13.0	0.7	2.2	0.0	29.9	7.4	0.04	1.1	110	0.2	1.6	1.1	31	0.45
21494761	M31	30 to 58	7.7	7	0.41	2.38	360	<0.5	7	110	13.0	14.0	0.6	3.1	0.0	30.7	10.1	0.04	0.9	110	0.12	1.4	1.3	43	0.36
21494762	M31	60 to 100	8.7	8	0.43	9.76	410	<0.5	17	62	6.5	6.7	0.3	2.3	0.0	15.8	14.6	0.03	1.0	62	0.08	0.39	1.1	21	0.15
21494763	M32	0 to 5	6.9	6.1	0.11	0.95	29	6.9	6	63	13.0	4.9	1.8	0.1	0.0	19.8	0.4	0.27	2.7	63	3.4	0.67	0.89	11	3.3
21494764	M32	10 to 15	7.3	6.3	0.04	0.27	<10.0	0.8	<5	62	9.5	4.9	0.6	0.1	0.0	15.1	0.8	0.05	1.9	62	0.42	0.75	0.69	2	1.3
21494765	M32	15 to 30	8.1	7	0.07	0.47	12	0.8	<5	100	15.0	12.0	0.6	0.7	0.0	28.2	2.3	0.03	1.3	100	0.11	0.76	1.1	3.1	0.59
21494766	M32	30 to 45	8.7	7.9	0.23	1.54	45	<0.5	<5	130	26.0	16.0	0.6	1.2	0.1	43.9	2.7	0.08	1.6	130	0.09	0.91	1.4	9	0.56
21494767	M32	45 to 60	9.1	8.3	0.35	2.35	210	0.8	<5	110	24.0	15.0	0.4	2.0	0.0	41.4	4.8	0.07	1.6	110	0.05	0.79	1.4	25	0.56
21494768	M32	60 to 95	9.1	8.5	0.57	3.82	590	0.7	<5	70	22.0	16.0	0.4	3.3	0.0	41.7	7.9	0.07	1.4	70	0.1	0.73	1.2	44	0.38
21494769	M33	0 to 5	6.1	5.2	0.08	0.69	11	2.5	20	110	8.0	5.2	0.8	0.3	0.1	14.4	1.9	0.04	1.5	110	4.2	1	0.61	9.7	3.5
21494770	M33	5 to 10	6.5	5	0.04	0.34	<10.0	1.1	9	95	7.0	5.6	0.3	0.6	0.1	13.6	4.2	0.01	1.3	95	1.7	0.92	0.55	5.2	1.9
21494771	M33	12 to 15	7.4	6	0.08	0.46	33	<0.5	<5	100	9.0	12.0	0.4	1.7	0.0	23.1	7.4	0.01	0.8	100	0.19	0.85	0.7	3.8	0.89
21494772	M33	15 to 30	8	6.8																					



SOIL TEST REPORT

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Scone Research Centre

REPORT NO: SCO14/179R2

REPORT TO: Clayton Richards
SLR Consulting
PO Box 11034
Tamworth NSW 2340

REPORT ON: Forty-seven soil samples
Your ref: Muswellbrook West

PRELIMINARY RESULTS
ISSUED: 24 September 2014

REPORT STATUS: Final

DATE REPORTED: 24 September 2014

METHODS: Information on test procedures can be obtained from Scone
Research Centre

TESTING CARRIED OUT ON SAMPLE AS RECEIVED
THIS DOCUMENT MAY NOT BE REPRODUCED EXCEPT IN FULL

SR Young
(Laboratory Manager)

SOIL CONSERVATION SERVICE
Scone Research Centre

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Report No: SCO14/179R2
Client Reference: Clayton Richards
SLR Consulting
PO Box 11034
Tamworth NSW 2340

Lab No	Method	P7B/2 Particle Size Analysis (%)					C1A/5	C2A/4	C2B/4
	Sample Id	clay	silt	f sand	c sand	gravel	EC (dS/m)	pH	pH Cacl ₂
11	MW S-59 0-0.1	33	34	29	4	<1	0.09	6.6	6.0
12	MW S-59 0.3-0.4	62	27	10	1	<1	0.25	8.1	7.3
13	MW S-59 0.65-0.75	34	40	21	3	2	0.98	8.8	8.3
14	MW S-61 0-0.1	26	17	24	33	0	0.08	6.4	5.7
15	MW S-61 0.15-0.25	44	18	16	22	<1	0.19	6.8	6.3
16	MW S-61 0.4-0.5	53	16	17	13	1	0.61	7.9	7.7
17	MW S-61 0.65-0.75	54	20	21	5	0	1.04	8.8	8.6
18	MW S-63 0-0.1	13	19	31	33	4	0.07	6.2	5.3
19	MW S-63 0.2-0.3	10	18	32	31	9	0.03	6.6	5.5
20	MW S-63 0.3-0.4	29	17	27	23	4	0.13	6.8	5.8
21	MW S-63 0.5-0.6	37	20	32	11	<1	0.32	7.8	7.0
22	MW S-63 0.8-1.0	35	20	35	10	0	0.30	8.5	7.6
23	MW S-65 0.0-0.10	34	23	28	14	1	0.04	6.3	5.3
24	MW S-65 0.15-0.25	36	26	28	10	<1	0.03	7.5	6.4
25	MW S-65 0.5-0.6	43	29	23	5	0	0.12	9.0	7.8
26	MW S-65 0.8-0.9	62	19	14	5	0	0.50	9.3	8.3
27	MW S-67 0-0.05	39	30	20	9	2	0.16	6.5	5.7
28	MW 67 0.3-0.4	68	23	5	4	<1	0.58	8.0	7.3
29	MW 67 0.6-0.7	67	24	5	4	0	1.29	8.5	8.0
30	MW 67 0.9-1.0	55	23	9	12	1	1.50	8.5	8.0
66	MW 68 0.0-0.1	65	20	11	4	0	0.10	7.3	6.5
31	MW 68 0.2-0.3	61	23	14	2	0	0.28	8.6	7.8
32	MW 68 0.4-0.5	41	24	31	4	<1	0.62	8.9	8.2
33	MW 68 0.65-0.75	34	37	12	15	2	0.91	8.9	8.3



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Scone Research Centre

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Report No: SCO14/179R2
Client Reference: Clayton Richards
SLR Consulting
PO Box 11034
Tamworth NSW 2340

Lab No	Method	P7B/2 Particle Size Analysis (%)					C1A/5	C2A/4	C2B/4
	Sample Id	clay	silt	f sand	c sand	gravel	EC (dS/m)	pH	pH Cacl ₂
34	MW S-69 0-0.1	44	28	19	9	<1	0.34	7.4	7.1
35	MW S-69 0.2-0.3	65	17	13	5	<1	0.23	8.5	7.7
36	MW S-69 0.4-0.5	64	20	10	6	<1	0.46	8.9	8.1
37	MW S-69 0.55-0.65	51	24	17	8	<1	0.64	9.0	8.2
38	MW S-69 0.9-1.0	44	34	21	1	0	0.82	9.1	8.4
39	MW S-72 0-0.10	21	23	35	20	1	0.05	6.4	5.4
40	MW S-72 0.2-0.3	55	17	18	10	<1	0.34	8.5	7.4
41	MW S-72 0.4-0.5	60	17	14	9	0	1.20	8.9	8.1
42	MW S-72 0.6-0.7	56	14	14	15	1	1.51	9.0	8.1
50	MW S-75 0-0.05	42	21	25	11	1	0.38	7.5	7.1
51	MW S-75 0.2-0.3	63	20	12	5	0	0.28	8.6	8.1
52	MW S-75 0.5-0.6	48	28	17	6	1	0.49	9.3	8.5
59	MW S-82 0-0.08	37	26	31	6	<1	0.14	6.3	5.6
60	MW S-82 0.2-0.3	56	22	19	3	<1	0.13	7.7	6.9
61	MW S-82 0.5-0.6	59	17	18	6	<1	0.60	8.6	7.7
62	MW S-82 0.8-0.9	63	15	14	7	1	0.96	8.6	8.0
63	MW 88 0-0.10	29	36	28	7	<1	0.08	6.5	5.9
64	MW 88 0.2-0.3	65	23	8	4	<1	0.05	7.4	6.2
65	MW 88 0.5-0.6	55	23	7	5	10	0.30	9.0	8.0
71	MW 86 0.0-0.10	33	23	29	15	0	0.16	6.4	5.9
72	MW 86 0.10-0.20	40	21	27	12	<1	0.17	7.6	6.9
73	MW 86 0.30-0.40	56	14	20	10	<1	0.55	9.1	8.3
74	MW86 0.6-0.7	63	15	13	6	3	1.72	9.0	8.4



SOIL CONSERVATION SERVICE
Scone Research Centre

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Report No: SCO14/179R2
Client Reference: Clayton Richards
SLR Consulting
PO Box 11034
Tamworth NSW 2340

Lab No	Method	C5A/4 CEC & exchangeable cations (me/100g)						Colour	
	Sample Id	CEC	Na	K	Ca	Mg	Al	Dry	Moist
11	MW S-59 0-0.1	25.2	0.4	2.3	9.0	10.2	<0.1	10YR 4/4	10YR 3/3
12	MW S-59 0.3-0.4	35.6	2.1	1.0	10.7	19.3	nt	10YR 5/4	10YR 4/6
13	MW S-59 0.65-0.75	28.8	2.1	0.5	12.6	15.6	nt	10YR 6/4	10YR 5/4
14	MW S-61 0-0.1	21.3	0.8	1.0	9.9	7.4	<0.1	10YR 4/2	10YR 3/2
15	MW S-61 0.15-0.25	38.3	3.0	0.6	16.4	16.7	nt	10YR 4/2	10YR 3/2
16	MW S-61 0.4-0.5	44.1	5.2	0.3	18.0	20.0	nt	10YR 5/1	10YR 4/1
17	MW S-61 0.65-0.75	44.7	8.4	0.3	20.5	20.2	nt	10YR 6/1	10YR 5/1
18	MW S-63 0-0.1	10.0	0.4	1.3	4.3	2.9	0.1	10YR 5/3	10YR 3/3
19	MW S-63 0.2-0.3	6.0	0.4	0.4	3.6	1.9	<0.1	10YR 6/2	10YR 4/2
20	MW S-63 0.3-0.4	19.5	1.3	0.5	7.3	6.3	<0.1	10YR 6/2	10YR 4/3
21	MW S-63 0.5-0.6	26.0	2.4	0.4	10.5	9.9	<0.1	10YR 6/2	10YR 4/3
22	MW S-63 0.8-1.0	28.8	2.9	0.4	11.1	10.9	nt	10YR 5/3	10YR 4/3
23	MW S-65 0.0-0.10	28.3	0.3	1.5	15.4	7.0	<0.1	10YR 4/3	10YR 3/2
24	MW S-65 0.15-0.25	31.5	0.6	0.6	20.8	8.4	nt	10YR 4/3	10YR 3/2
25	MW S-65 0.5-0.6	32.8	3.4	0.3	15.8	11.7	nt	10YR 5/2	10YR 4/2
26	MW S-65 0.8-0.9	42.2	7.3	0.4	15.8	18.1	nt	10YR 5/3	10YR 5/3
27	MW S-67 0-0.05	29.5	1.1	2.2	15.4	9.9	<0.1	10YR 5/2	10YR 4/2
28	MW 67 0.3-0.4	42.1	5.3	1.3	19.7	15.6	nt	10YR 6/2	10YR 5/3
29	MW 67 0.6-0.7	44.1	7.3	0.5	23.3	17.3	nt	10YR 5/2	10YR 4/3
30	MW 67 0.9-1.0	39.0	5.3	0.5	24.2	14.3	nt	10YR 5/2	10YR 4/3
66	MW 68 0.0-0.1	41.9	1.1	1.4	21.4	19.2	nt	10YR 5/4	10YR 4/4
31	MW 68 0.2-0.3	39.7	2.4	0.9	18.0	18.5	nt	10YR 5/4	10YR 4/6
32	MW 68 0.4-0.5	29.2	2.5	0.6	14.8	12.7	nt	10YR 7/3	10YR 6/6
33	MW 68 0.65-0.75	25.6	2.3	0.5	13.5	11.1	nt	10YR 8/2	10YR 7/4

nt = not tested



SOIL CONSERVATION SERVICE
Scone Research Centre

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Report No: SCO14/179R2
Client Reference: Clayton Richards
SLR Consulting
PO Box 11034
Tamworth NSW 2340

Lab No	Method	C5A/4 CEC & exchangeable cations (me/100g)						Colour	
	Sample Id	CEC	Na	K	Ca	Mg	Al	Dry	Moist
34	MW S-69 0-0.1	35.2	0.6	1.9	30.2	8.7	nt	10YR 5/2	10YR 4/2
35	MW S-69 0.2-0.3	37.4	1.8	0.9	27.9	11.9	nt	10YR 5/2	10YR 4/2
36	MW S-69 0.4-0.5	39.1	3.9	0.5	27.6	14.3	<0.1	10YR 5/3	10YR 4/3
37	MW S-69 0.55-0.65	36.0	4.6	0.9	20.9	13.5	nt	10YR 6/2	2.5Y 5/3
38	MW S-69 0.9-1.0	36.9	6.1	0.8	17.8	14.0	nt	2.5Y 7/2	2.5Y 6/3
39	MW S-72 0-0.10	19.1	0.7	1.7	8.8	5.1	nt	10YR 4/4	10YR 3/3
40	MW S-72 0.2-0.3	39.6	5.3	0.6	16.3	14.8	nt	7.5YR 4/6	7.5YR 4/6
41	MW S-72 0.4-0.5	42.2	9.5	0.4	15.3	16.4	nt	7.5YR 5/6	7.5YR 4/6
42	MW S-72 0.6-0.7	42.4	10.9	0.3	16.7	16.7	nt	7.5YR 5/4	7.5YR 4/6
50	MW S-75 0-0.05	30.4	0.8	1.4	15.6	9.8	nt	10YR 5/4	10YR 4/3
51	MW S-75 0.2-0.3	38.2	2.2	0.7	20.8	14.6	nt	10YR 5/4	10YR 5/4
52	MW S-75 0.5-0.6	34.1	4.1	0.6	15.8	14.5	nt	10YR 6/4	10YR 5/6
59	MW S-82 0-0.08	31.4	1.1	0.8	18.2	9.5	nt	10YR 4/4	10YR 3/3
60	MW S-82 0.2-0.3	41.1	2.4	0.3	21.2	14.8	nt	10YR 4/4	10YR 3/4
61	MW S-82 0.5-0.6	44.6	4.2	0.2	19.1	18.3	nt	10YR 4/4	10YR 3/4
62	MW S-82 0.8-0.9	46.2	5.1	0.3	17.6	22.2	nt	10YR 4/4	10YR 3/4
63	MW 88 0-0.10	22.0	0.3	1.3	10.5	5.5	nt	10YR 4/4	10YR 3/3
64	MW 88 0.2-0.3	31.0	0.7	0.7	13.1	11.6	nt	7.5YR 4/6	7.5YR 4/6
65	MW 88 0.5-0.6	32.8	1.9	0.5	17.3	12.8	nt	10YR 5/4	10YR 4/6
71	MW 86 0.0-0.10	32.8	0.7	2.8	16.7	9.1	nt	10YR 4/3	10YR 4/2
72	MW 86 0.10-0.20	34.5	1.6	2.5	16.2	11.1	nt	10YR 4/3	10YR 3/3
73	MW 86 0.30-0.40	42.1	4.8	2.2	21.5	17.0	nt	10YR 4/4	10YR 4/4
74	MW86 0.6-0.7	43.4	8.9	0.6	13.8	21.6	nt	7.5YR 5/4	7.5YR 5/6

nt=not tested



END OF TEST REPORT



SOIL TEST REPORT

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Scone Research Centre

REPORT NO: SCO14/182R4

REPORT TO: Clayton Richards
SLR Consulting
PO Box 11034
Tamworth NSW 2340

REPORT ON: Two hundred and twenty soil samples
West Muswellbrook

PRELIMINARY RESULTS
ISSUED: 21 October 2014

REPORT STATUS: Preliminary

DATE REPORTED: 29 October 2014

METHODS: Information on test procedures can be obtained from Scone
Research Centre

TESTING CARRIED OUT ON SAMPLE AS RECEIVED
THIS DOCUMENT MAY NOT BE REPRODUCED EXCEPT IN FULL

A handwritten signature in blue ink, appearing to read "SR Young".

SR Young
(Laboratory Manager)

SOIL CONSERVATION SERVICE
Scone Research Centre

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Report No: SCO14/182R4
Client Reference: Clayton Richards
SLR Consulting
PO Box 11034
Tamworth NSW 2340

Lab No	Method	C1A/5	C2A/4	C2B/4	C5A/4 CEC & exchangeable cations (me/100g)					
	Sample Id	EC (dS/m)	pH	pH (CaCl ₂)	CEC	Na	K	Ca	Mg	Al
1	WM S3 0-10	0.07	5.6	4.9	10.8	0.1	1.1	5.8	1.5	<0.5
2	WM S3 25-35	0.03	7.2	6.1	19.1	0.2	0.6	12.9	3.7	nt
3	WM S3 50-60	0.05	7.8	6.7	23.6	0.4	0.7	15.6	4.5	nt
4	WM S3 70-80	0.12	8.6	7.7	18.9	0.2	0.4	17.2	2.7	nt
5	WM S3 90+	0.10	8.9	7.9	18.6	0.2	0.4	18.8	2.5	<0.5
6	WM S6 0-10	0.10	6.3	5.7	25.9	0.1	2.9	13.5	6.9	<0.5
7	WM S6 25-35	0.18	8.8	7.8	37.6	1.4	0.9	18.6	16.1	nt
8	WM S6 50-60	0.36	9.0	8.1	39.7	2.9	0.6	18.4	19.1	nt
9	WM S6 80-90	0.65	9.0	8.1	38.6	4.6	0.7	16.0	19.2	nt
12	WM 7 0-10	0.07	6.4	5.7	35.3	0.7	2.3	19.9	11.8	0.5
13	WM 7 20-30	0.27	8.9	7.8	48.3	4.3	0.5	24.2	20.4	nt
14	WM 7 50-60	0.42	9.3	8.3	49.8	7.8	0.5	19.3	22.4	nt
15	WM 7 80-90	0.88	9.1	8.2	47.2	9.2	0.6	18.6	21.1	nt
16	MW S-8 0.0 -0.05	0.14	8.3	7.6	54.3	0.2	2.1	41.3	9.5	nt
17	MW S-8 0.15 -0.25	0.14	8.5	7.7	55.9	1.2	0.8	38.4	15.4	nt
18	MW S-8 0.4 -0.5	0.28	8.8	8.0	56.3	3.7	0.3	28.6	19.1	nt
19	MW S-8 0.65 -0.75	0.64	8.7	7.9	55.5	4.9	0.4	26.1	22.6	nt
20	MW S-9 0-0.1	0.03	6.5	5.7	31.2	0.4	1.6	16.4	11.3	<0.5
21	MW S-9 0.2-0.3	0.38	8.7	7.8	48.1	3.7	0.6	22.6	22.2	nt
22	MW S-9 0.6-0.7	1.11	8.7	8.1	48.5	6.1	0.4	18.2	25.4	nt
23	WM S10 0-10	0.22	7.0	6.3	46.7	1.0	1.3	22.2	15.9	nt
24	WM S10 25-35	0.13	8.2	7.1	50.6	2.2	0.4	19.7	20.1	nt
25	WM S10 50-60	0.30	8.9	7.9	51.7	4.0	0.4	20.1	22.1	nt
26	WM S10 70-80	0.42	9.1	8.1	50.1	5.0	0.4	18.6	22.0	nt
27	WM S10 90+	0.48	9.2	8.1	38.0	3.7	0.3	15.3	15.1	nt
28	WM 10 0-10	0.18	8.5	7.7	48.9	0.8	2.1	29.0	11.1	nt
29	WM 10 20-30	0.22	9.2	8.1	49.8	3.2	0.6	20.4	19.9	nt
30	WM 10 35-45	0.34	9.4	8.2	49.4	5.3	0.4	17.3	22.2	nt
31	WM 10 50-60	0.53	9.5	8.5	49.8	8.5	0.3	13.4	24.1	nt
32	WM 10 80+	1.10	9.3	8.5	52.6	11.3	0.4	12.6	26.4	nt

nt – not tested



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Lab No	Method	C1A/5	C2A/4	C2B/4	C5A/4 CEC & exchangeable cations (me/100g)					
	Sample Id	EC (dS/m)	pH	pH (CaCl ₂)	CEC	Na	K	Ca	Mg	Al
43	WM S13 0-10	0.06	6.3	5.7	20.0	0.2	1.7	10.1	2.8	nt
44	WM S13 25-35	0.03	7.5	6.3	23.9	0.1	1.3	12.9	3.8	nt
45	WM S13 50-60	0.06	8.2	7.2	25.5	0.4	0.8	13.6	4.6	nt
46	WM S13 70-80	0.12	8.5	7.6	24.1	0.3	0.6	13.1	5.1	nt
47	WM S13 90+	0.17	8.5	7.7	24.4	0.5	0.6	12.5	5.7	nt
52	MW S-16 0-0.08	0.19	7.0	6.5	37.2	1.2	2.0	17.1	10.4	nt
53	MW S-16 0.0-0.30	0.16	8.4	7.2	51.3	4.0	0.4	23.6	17.3	nt
54	MW S-16 0.4-0.50	0.54	8.8	7.8	51.4	6.6	0.2	19.4	18.4	nt
55	MW S-16 0.9-1.0	1.06	8.6	8.0	52.4	7.2	0.3	17.4	21.0	nt
66	MW S-28 0-0.10	0.05	6.6	5.7	28.7	0.5	2.1	13.8	8.3	<0.5
67	MW S-28 0.2-0.3	0.11	8.2	7.0	43.7	2.6	1.1	19.1	18.1	nt
68	MW S-28 0.6-0.7	0.78	8.7	8.1	46.0	5.2	0.6	17.7	21.7	nt
69	MW S-28 0.9-1.0	1.04	8.7	8.1	46.4	5.5	0.8	18.8	21.9	nt
70	MW S-32 0-0.10	0.09	6.4	5.5	33.4	1.3	2.2	11.0	14.2	<0.5
71	MW S-32 0.15-0.25	0.25	7.9	6.9	49.8	4.3	1.0	17.4	26.3	nt
72	MW S-32 0.35-0.45	0.73	8.8	7.9	51.4	7.1	0.4	12.5	30.2	nt
73	MW S-32 0.65-0.75	1.34	8.7	8.2	49.7	7.7	0.5	13.8	30.0	nt
74	MW S-32 0.9-1.0	1.42	8.6	8.1	51.5	7.9	0.5	12.9	32.1	nt
75	MW S-33 0-0.10	0.09	6.4	5.7	27.9	0.4	2.3	14.5	7.8	<0.5
76	MW S-33 0.10-0.15	0.04	7.1	6.3	19.2	0.3	1.1	10.1	5.6	<0.5
77	MW S-33 0.25-0.35	0.10	8.4	7.2	29.3	1.7	0.7	10.8	12.3	<0.5
78	MW S-33 0.6-0.7	0.43	8.5	7.4	31.8	4.1	0.3	8.1	14.7	nt
83	S43 0-10 cm	0.34	7.3	6.9	49.9	0.6	2.5	33.5	10.9	nt
84	S43 25-35 cm	0.23	8.6	7.7	50.0	2.2	0.5	30.3	14.1	<0.5
85	S43 50-60 cm	0.55	8.8	8.0	48.4	4.2	0.3	26.4	17.3	nt
86	S43 65-75 cm	0.92	8.7	8.1	48.5	5.4	0.3	22.9	18.8	nt

nt – not tested: na – not available



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Tamworth NSW 2340

Lab No	Method	C1A/5	C2A/4	C2B/4	C5A/4 CEC & exchangeable cations (me/100g)					
	Sample Id	EC (dS/m)	pH	pH (CaCl ₂)	CEC	Na	K	Ca	Mg	Al
87	S44 0-10 cm	0.25	6.7	6.3	30.7	1.5	1.0	14.6	8.4	<0.5
88	S44 25-35 cm	0.43	8.4	7.5	42.2	6.1	0.3	18.2	14.5	nt
89	S44 50-60 cm	1.08	8.6	7.8	41.9	8.6	0.2	16.0	14.8	nt
90	S44 70-80 mm	1.04	8.4	7.7	40.8	12.2	0.3	14.2	15.4	nt
91	S46 0-10 mm	0.14	8.1	7.3	40.2	0.6	1.8	23.1	9.6	nt
92	S46 25-35 mm	0.19	8.5	7.5	41.8	3.6	0.6	11.4	23.5	nt
93	S46 50-60 mm	0.70	9.2	8.3	43.8	6.2	0.5	11.5	26.2	nt
94	S46 65-75	0.77	9.3	8.4	36.1	5.0	1.0	13.1	19.8	nt
95	S47 0-10 mm	0.13	6.6	5.9	26.3	0.9	1.6	10.9	8.6	<0.5
96	S47 25-35	0.19	7.7	6.8	41.9	4.8	0.7	14.6	19.6	nt
97	S47 50-60 mm	0.89	8.5	7.6	47.0	6.2	0.5	17.2	23.1	nt
98	S47 65-75 mm	1.03	8.6	7.9	46.9	5.9	0.5	18.5	23.6	nt
103	MW S-49 H 0-0.10	0.13	7.1	6.4	44.8	1.0	2.1	21.7	13.9	<0.5
104	MW S-49 H 0.2-0.30	0.07	7.7	6.6	49.4	1.8	1.2	24.9	17.1	nt
105	MW S-49 H 0.4-0.5	0.25	8.1	7.1	50.7	3.7	0.8	26.0	18.9	nt
106	MW S-49 H 0.65-0.75	0.77	8.2	7.5	51.6	4.8	0.7	21.5	20.9	nt
107	MW S-49 P 0-0.10	0.08	7.3	6.6	48.4	1.4	1.9	25.1	15.8	nt
108	MW S-49 P 0.2-0.3	0.08	8.2	7.2	52.0	1.5	1.0	26.4	19.2	nt
109	MW S-49 P 0.40-0.50	0.26	8.5	7.6	51.5	3.1	0.8	26.1	20.0	nt
110	MW S-49 P 0.65-0.75	0.44	8.6	7.8	49.1	3.7	0.6	22.1	20.4	nt
115	S 51 0-10 cm	0.15	7.2	6.5	30.0	1.6	1.1	10.1	14.9	nt
116	S 51 25-35 cm	0.44	8.6	7.5	44.9	5.6	0.6	12.3	27.7	nt
117	S 51 50-60 cm	1.15	8.7	8.1	44.7	6.7	0.8	14.4	26.8	nt
118	S 51 70-80 cm	1.25	8.7	8.1	44.5	6.8	0.8	13.7	27.2	nt
119	MW S-52 0-0.06	0.04	6.5	5.4	32.9	0.7	2.1	17.2	11.2	<0.5
120	MW S-52 0.2-0.3	0.10	7.9	6.3	38.8	3.4	0.7	17.4	15.6	nt
121	MW S-52 0.4-0.5	0.44	8.6	7.1	50.6	7.4	0.6	20.4	23.7	nt
122	MW S-52 0.65-0.75	0.98	9.0	8.0	51.4	9.0	0.6	21.0	26.6	nt

nt- not tested



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Lab No	Method	C1A/5	C2A/4	C2B/4	C5A/4 CEC & exchangeable cations (me/100g)					
	Sample Id	EC (dS/m)	pH	pH (CaCl ₂)	CEC	Na	K	Ca	Mg	Al
141	WM 69 0-10	0.41	6.9	6.5	44.1	1.9	2.6	19.1	17.1	nt
142	WM 69 15-25	0.30	8.5	7.6	48.9	2.4	1.1	na	20.8	nt
143	WM 69 50-60	0.37	9.6	8.4	50.7	7.5	0.6	17.2	28.5	nt
144	WM 69 70-80	0.50	9.7	8.7	48.7	9.5	0.6	16.3	27.2	nt
154	WM 76 0-10	0.29	7.6	7.2	48.8	1.6	2.6	26.0	16.2	nt
155	WM 76 15-25	0.14	8.4	7.5	51.8	3.1	1.1	24.7	20.9	nt
156	WM 76 40-50	0.37	9.1	8.0	52.1	7.5	0.7	20.4	24.4	nt
157	WM 76 60-70	0.78	9.0	8.2	51.8	8.8	0.7	22.4	25.3	nt
166	WM 81 0-10	0.17	7.2	6.7	44.7	1.0	3.4	26.5	12.0	nt
167	WM 81 25-35	0.06	8.2	7.2	51.0	1.0	1.3	24.0	18.6	nt
168	WM 81 50-60	0.13	8.7	7.5	46.3	2.2	0.8	24.5	20.2	nt
169	WM 81 80-90	0.46	8.8	7.9	48.3	4.2	0.7	11.5	24.9	nt
170	MW S-83 0-0.10	0.07	6.5	5.7	24.4	0.7	1.4	12.3	9.7	nt
171	MW S-83 0.2-0.3	0.09	8.0	6.6	43.1	2.9	0.5	20.1	20.8	nt
172	MW S-83 0.4-0.5	0.50	8.9	7.9	42.4	7.1	0.5	18.2	22.3	nt
220	MW S-83 0.65-0.75	0.78	8.7	7.9	48.7	5.3	0.4	22.7	24.7	nt
177	MW S-85 0-0.10	0.06	6.1	5.2	30.9	0.5	1.2	18.4	7.6	<0.5
178	MW S-85 0.2-0.3	0.06	7.3	6.3	46.4	1.5	0.5	35.3	12.6	nt
179	MW S-85 0.45-0.55	0.16	8.6	7.6	47.1	2.4	0.5	31.6	13.1	nt
180	MW S-85 0.65-0.75	0.27	8.8	7.8	44.3	3.4	0.5	26.7	13.5	nt
181	MW S-85 0.9-1.0	0.84	8.4	7.8	44.3	3.6	0.5	26.1	15.3	nt
214	WM 139 0-10	0.05	6.5	5.6	20.3	0.5	1.0	8.9	7.7	nt
215	WM 139 15-25	0.13	7.3	6.4	41.3	2.8	0.7	16.8	19.2	nt
216	WM 139 35-45	0.26	7.9	6.8	44.9	4.5	0.5	17.5	22.4	nt
217	WM 139 50-60	0.93	8.7	7.7	49.5	6.0	0.4	20.3	25.4	nt
218	WM 139 60-70	1.10	8.8	7.9	48.8	6.2	0.4	20.1	25.2	nt
219	WM 139 70-80	1.09	8.9	8.1	45.2	5.6	0.4	19.3	22.4	nt

na – not available: nt-not tested



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Lab No	Method	P7B/2 Particle Size Analysis (%)					Colour	
	Sample Id	clay	silt	f sand	c sand	gravel	Dry	Moist
1	WM S3 0-10	19	17	33	30	1	10YR 4/4	10YR 3/4
2	WM S3 25-35	45	15	19	21	<1	5YR 5/6	5YR 4/6
3	WM S3 50-60	48	16	13	23	<1	5YR 5/6	5YR 5/8
4	WM S3 70-80	27	15	16	37	5	7.5YR 6/4	7.5YR 5/6
5	WM S3 90+	21	19	19	39	2	10YR 6/4	7.5YR 5/6
6	WM S6 0-10	42	25	17	9	7	7.5YR 4/3	7.5YR 3/4
7	WM S6 25-35	69	17	9	5	<1	7.5YR 4/4	7.5YR 3/4
8	WM S6 50-60	68	20	6	5	1	7.5YR 4/6	7.5YR 4/6
9	WM S6 80-90	73	17	6	4	0	7.5YR 5/6	7.5YR 5/8
12	WM 7 0-10	48	20	19	11	2	10YR 4/2	10YR 3/3
13	WM 7 20-30	64	16	11	8	1	10YR 4/2	10YR 3/3
14	WM 7 50-60	66	15	10	8	1	10YR 4/2	10YR 3/3
15	WM 7 80-90	61	11	9	14	5	10YR 4/3	10YR 3/4
16	MW S-8 0.0-0.05	53	19	15	10	3	10YR 4/2	10YR 3/2
17	MW S-8 0.15-0.25	70	13	8	8	1	10YR 4/2	10YR 3/2
18	MW S-8 0.4-0.5	74	8	6	7	5	10YR 3/2	10YR 3/2
19	MW S-8 0.65-0.75	72	9	4	10	5	10YR 4/2	10YR 3/2
20	MW S-9 0-0.1	40	24	21	13	2	10YR 4/3	10YR 3/3
21	MW S-9 0.2-0.3	64	16	9	10	1	7.5YR 4/3	7.5YR 3/3
22	MW S-9 0.6-0.7	62	13	10	13	2	7.5YR 4/3	7.5YR 3/4
23	WM S10 0-10	65	16	14	5	<1	10YR 4/3	10YR 3/3
24	WM S10 25-35	69	18	10	3	<1	10YR 4/2	10YR 3/2
25	WM S10 50-60	72	16	9	3	<1	10YR 4/2	10YR 3/2
26	WM S10 70-80	70	13	12	5	<1	10YR 5/2	10YR 4/2
27	WM S10 90+	49	18	21	12	0	10YR 6/3	10YR 5/3
28	WM 10 0-10	51	17	17	14	1	10YR 4/1	10YR 3/2
29	WM 10 20-30	59	13	14	13	1	10YR 4/1	10YR 3/2
30	WM 10 35-45	60	13	14	12	1	10YR 4/1	10YR 3/1
31	WM 10 50-60	64	12	12	10	2	10YR 5/2	10YR 4/3
32	WM 10 80+	73	10	11	6	<1	2.5Y 6/3	2.5Y 6/3



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Lab No	Method	P7B/2 Particle Size Analysis (%)					Colour	
	Sample Id	clay	silt	f sand	c sand	gravel	Dry	Moist
43	WM S13 0-10	33	20	23	16	8	7.5YR 4/4	7.5YR 3/4
44	WM S13 25-35	61	14	14	11	<1	5YR 4/6	5YR 3/4
45	WM S13 50-60	60	14	10	16	<1	5YR 4/6	5YR 3/4
46	WM S13 70-80	47	11	11	23	8	7.5YR 5/6	7.5YR 4/6
47	WM S13 90+	49	12	13	26	<1	5YR 5/6	5YR 4/6
52	MW S-16 0-0.08	39	27	25	9	<1	10YR 4/2	10YR 3/2
53	MW S-16 0.0-0.30	60	20	14	5	1	10YR 4/2	10YR 3/2
54	MW S-16 0.4-0.50	68	15	12	5	<1	10YR 3/2	10YR 3/2
55	MW S-16 0.9-1.0	68	13	12	7	<1	10YR 4/2	10YR 3/2
66	MW S-28 0-0.10	37	29	24	8	2	10YR 4/3	10YR 3/3
67	MW S-28 0.2-0.3	65	13	15	6	1	10YR 3/4	10YR 3/4
68	MW S-28 0.6-0.7	66	10	17	7	<1	10YR 4/4	10YR 3/4
69	MW S-28 0.9-1.0	67	8	14	10	1	7.5YR 4/6	7.5YR 4/6
70	MW S-32 0-0.10	36	23	34	7	<1	10YR 4/2	10YR 3/2
71	MW S-32 0.15-0.25	60	15	21	4	<1	10YR 4/3	10YR 3/3
72	MW S-32 0.35-0.45	68	11	17	4	<1	7.5YR 5/3	7.5YR 4/3
73	MW S-32 0.65-0.75	60	14	19	7	<1	7.5YR 5/4	7.5YR 4/4
74	MW S-32 0.9-1.0	63	12	20	5	<1	7.5YR 5/4	7.5YR 4/4
75	MW S-33 0-0.10	33	19	28	19	1	10YR 4/3	7.5YR 3/3
76	MW S-33 0.10-0.15	26	14	25	32	3	10YR 4/2	7.5YR 3/3
77	MW S-33 0.25-0.35	41	11	17	27	4	10YR 5/4	7.5YR 4/4
78	MW S-33 0.6-0.7	34	9	16	26	15	10YR 4/6	10YR 4/6
83	S43 0-10 cm	50	18	20	9	3	10YR 4/1	10YR 3/1
84	S43 25-35 cm	61	19	12	7	1	2.5YR 5/2	2.5YR 4/2
85	S43 50-60 cm	60	18	12	7	3	2.5YR 5/2	2.5YR 4/2
86	S43 65-75 cm	54	18	13	15	<1	2.5YR 6/2	2.5YR 5/4



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Lab No	Method	P7B/2 Particle Size Analysis (%)					Colour	
	Sample Id	clay	silt	f sand	c sand	gravel	Dry	Moist
87	S44 0-10 cm	62	15	17	5	1	10YR 5/2	10YR 3/2
88	S44 25-35 cm	36	35	21	7	1	10YR 5/1	10YR 4/2
89	S44 50-60 cm	66	20	11	3	<1	10YR 5/2	10YR 4/2
90	S44 70-80 mm	48	14	5	3	30	10YR 4/2	10YR 3/2
91	S46 0-10 mm	43	12	23	22	<1	10YR 4/2	10YR 3/3
92	S46 25-35 mm	53	14	18	15	<1	10YR 4/4	10YR 3/4
93	S46 50-60 mm	54	14	18	14	<1	7.5YR 5/4	10YR 3/4
94	S46 65-75	36	13	22	21	8	10YR 5/4	10YR 4/4
95	S47 0-10 mm	17	41	31	11	<1	10YR 5/2	10YR 3/2
96	S47 25-35	56	19	18	7	<1	10YR 5/2	10YR 4/2
97	S47 50-60 mm	64	14	14	8	<1	10YR 5/3	10YR 4/3
98	S47 65-75 mm	58	11	16	14	1	10YR 5/3	10YR 4/4
103	MW S-49 H 0-0.10	52	19	26	3	0	10YR 4/2	10YR 3/3
104	MW S-49 H 0.2-0.30	62	18	19	1	<1	10YR 4/2	10YR 3/2
105	MW S-49 H 0.4-0.5	63	17	19	1	<1	10YR 4/2	10YR 3/2
106	MW S-49 H 0.65-0.75	64	16	18	2	<1	10YR 4/2	10YR 3/2
107	MW S-49 P 0-0.10	57	17	24	2	0	10YR 4/2	10YR 3/3
108	MW S-49 P 0.2-0.3	64	17	18	1	<1	10YR 4/3	10YR 3/3
109	MW S-49 P 0.40-0.50	65	14	18	3	<1	10YR 4/3	10YR 3/3
110	MW S-49 P 0.65-0.75	59	13	16	9	3	10YR 4/3	10YR 3/4
115	S 51 0-10 cm	37	24	34	5	<1	7.5YR 4/3	7.5YR 3/4
116	S 51 25-35 cm	67	15	16	2	0	7.5YR 4/6	7.5YR 3/4
117	S 51 50-60 cm	66	16	15	3	0	7.5YR 5/6	7.5YR 4/6
118	S 51 70-80 cm	68	15	13	4	0	7.5YR 4/6	7.5YR 4/6
119	MW S-52 0-0.06	35	18	28	19	<1	10YR 4/2	10YR 2/2
120	MW S-52 0.2-0.3	40	16	25	18	1	10YR 3/2	10YR 2/2
121	MW S-52 0.4-0.5	56	12	22	10	<1	10YR 3/2	10YR 2/2
122	MW S-52 0.65-0.75	60	10	19	11	<1	10YR 4/3	10YR 4/3



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Lab No	Method	P7B/2 Particle Size Analysis (%)					Colour	
	Sample Id	clay	silt	f sand	c sand	gravel	Dry	Moist
141	WM 69 0-10	47	21	27	5	<1	10YR 4/2	10YR 3/3
142	WM 69 15-25	52	19	25	4	<1	10YR 5/2	10YR 4/2
143	WM 69 50-60	59	18	19	4	<1	10YR 5/3	10YR 4/3
144	WM 69 70-80	50	25	22	3	<1	10YR 6/2	10YR 5/4
154	WM 76 0-10	55	19	21	5	<1	10YR 4/2	10YR 3/2
155	WM 76 15-25	65	17	14	4	<1	10YR 4/2	10YR 3/2
156	WM 76 40-50	66	14	15	5	<1	10YR 4/2	10YR 3/2
157	WM 76 60-70	67	9	12	9	3	10YR 4/2	10YR 3/2
166	WM 81 0-10	52	20	23	5	<1	10YR 4/3	10YR 3/4
167	WM 81 25-35	67	15	15	3	<1	10YR 4/3	10YR 3/3
168	WM 81 50-60	62	17	16	5	<1	10YR 4/3	10YR 3/3
169	WM 81 80-90	62	14	17	6	1	10YR 5/3	10YR 4/2
170	MW S-83 0-0.10	30	20	29	18	3	10YR 4/2	10YR 2/2
171	MW S-83 0.2-0.3	55	18	19	7	1	10YR 4/1	10YR 3/2
172	MW S-83 0.4-0.5	59	17	18	6	<1	10YR 4/1	10YR 3/1
220	MW S-83 0.65-0.75	40	23	30	7	<1	10YR 4/1	10YR 3/1
177	MW S-85 0-0.10	32	33	30	5	<1	10YR 4/1	10YR 2/1
178	MW S-85 0.2-0.3	55	23	20	2	0	10YR 4/1	10YR 2/1
179	MW S-85 0.45-0.55	55	19	25	1	0	10YR 4/1	10YR 2/1
180	MW S-85 0.65-0.75	52	21	22	5	0	10YR 4/1	10YR 2/1
181	MW S-85 0.9-1.0	50	23	24	3	0	10YR 4/1	10YR 2/1
214	WM 139 0-10	26	13	42	18	1	10YR 5/3	10YR 5/2
215	WM 139 15-25	54	11	23	12	<1	10YR 4/3	10YR 3/3
216	WM 139 35-45	55	11	22	11	1	10YR 4/3	10YR 3/3
217	WM 139 50-60	58	9	17	11	5	10YR 5/4	10YR 4/4
218	WM 139 60-70	60	13	18	8	1	10YR 5/4	10YR 4/4
219	WM 139 70-80	42	16	21	10	11	10YR 5/4	10YR 4/4



END OF TEST REPORT



SOIL TEST REPORT

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Scone Research Centre

REPORT NO:	SCO14/188R2
REPORT TO:	Clayton Richards SLR Consulting PO Box 11034 Tamworth NSW 2340
REPORT ON:	Sixty two soil samples Muswellbrook West
PRELIMINARY RESULTS ISSUED:	30 October 2014
REPORT STATUS:	Final
DATE REPORTED:	12 November 2014
METHODS:	Information on test procedures can be obtained from Scone Research Centre

TESTING CARRIED OUT ON SAMPLE AS RECEIVED
THIS DOCUMENT MAY NOT BE REPRODUCED EXCEPT IN FULL

SR Young
(Laboratory Manager)

SOIL CONSERVATION SERVICE
Scone Research Centre

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Report No: SCO14/188R2
Client Reference: Clayton Richards
SLR Consulting
PO Box 11034
Tamworth NSW 2340

Lab No	Method	C1A/5	C2A/4	C2B/4	C5A/4 CEC & exchangeable cations (me/100g)					
	Sample Id	EC (dS/m)	pH	pH (CaCl ₂)	CEC	Na	K	Ca	Mg	Al
1	B 5 0-10	0.11	6.1	5.3	4.4	<0.1	1.6	3.9	1.3	<0.5
2	B 5 20-30	0.01	6.4	5.2	1.7	<0.1	0.5	1.9	0.9	0.5
3	B 5 40-50	0.02	6.4	5.3	1.8	<0.1	0.4	1.9	1.2	<0.5
4	B 5 65-75	0.23	6.0	5.1	23.6	2.3	1.0	6.0	10.5	0.6
5	B 6 0-0.10	0.07	6.4	5.4	31.9	0.6	1.1	13.1	14.7	0.5
6	B6 0.2-0.3	0.11	6.6	6.3	42.3	2.5	0.6	13.8	22.9	nt
7	B 6 0.45-0.55	0.55	8.9	7.8	45.7	4.9	0.5	16.8	27.3	nt
8	B 6 0.65-0.75	0.67	8.9	8.0	39.6	5.1	0.6	15.3	23.5	nt
9	B 7 0-10	0.10	6.9	6.4	25.3	0.5	0.9	12.9	9.7	nt
10	B 7 20-30	0.21	8.5	7.5	43.8	1.2	0.7	23.2	21.3	nt
11	B 7 40-50	0.23	9.1	7.9	42.4	2.0	0.6	19.0	23.3	nt
12	B 7 65-70	0.38	9.3	8.1	40.1	3.2	0.5	15.8	24.5	nt
13	B 8 0-0.05	0.55	7.0	6.7	22.1	1.3	3.0	7.9	8.1	nt
14	B 8 0.1-0.2	0.2	7.5	6.8	41.3	3.7	0.6	14.5	21.8	nt
15	B 8 0.4-0.5	0.80	8.9	7.9	40.5	7.0	0.4	13.9	19.6	nt
16	B 8 0.65-0.75	1.21	8.8	8.0	42.5	8.1	0.5	15.4	22.2	nt

na = not available



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Report No: SCO14/188R2
 Client Reference: Clayton Richards
 SLR Consulting
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 Tamworth NSW 2340

Lab No	Method	P7B/2 Particle Size Analysis (%)					Colour	
	Sample Id	clay	silt	f sand	c sand	gravel	Dry	Moist
1	B 5 0-10	9	14	38	38	1	7.5YR 5/3	7.5YR 3/3
2	B 5 20-30	8	15	30	36	11	7.5YR 5/4	7.5YR 4/4
3	B 5 40-50	9	16	30	37	8	7.5YR 6/4	7.5YR 4/4
4	B 5 65-75	47	11	18	19	5	7.5YR 5/6	7.5 YR 4/6
5	B 6 0-0.10	43	30	21	5	1	10YR 5/2	10YR 3/2
6	B6 0.2-0.3	61	24	13	2	<1	10YR 5/2	10YR 4/2
7	B 6 0.45-0.55	71	18	10	1	<1	10YR 5/3	10YR 4/3
8	B 6 0.65-0.75	68	20	7	5	<1	10YR 5/3	10YR 4/3
9	B 7 0-10	32	32	32	4	<1	10YR 5/3	10YR 3/2
10	B 7 20-30	60	22	14	4	<1	10YR 5/2	10YR 3/3
11	B 7 40-50	56	21	14	8	1	10YR5/3	10YR 3/4
12	B 7 65-70	47	23	16	11	3	10YR 5/3	10YR 4/3
13	B 8 0-0.05	18	26	46	10	<1	7.5YR 5/2	7.5YR 3/2
14	B 8 0.1-0.2	is	is	is	is	is	7.5Y 5/3	7.5YR 3/3
15	B 8 0.4-0.5	42	17	39	2	<1	7.5YR 5/3	7.5YR 4/4
16	B 8 0.65-0.75	59	19	17	5	<1	7.5YR 4/3	7.5 YR 3/4

is – insufficient sample



SOIL CONSERVATION SERVICE
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Tamworth NSW 2340

Lab No	Method	C1A/5	C2A/4	C2B/4	C5A/4 CEC & exchangeable cations (me/100g)					
	Sample Id	EC (dS/m)	pH	pH (CaCl ₂)	CEC	Na	K	Ca	Mg	Al
17	E 2 0-10	0.08	5.7	5.0	25.1	0.4	1.6	15.5	6.4	1.6
18	E 2 20-30	0.07	6.3	5.2	44.0	0.7	1.1	24.2	13.6	1.8
19	E 2 40-50	0.16	8.4	7.2	44.6	1.0	0.7	27.5	12.9	nt
20	E 2 55-65	0.15	8.8	7.4	33.1	1.1	0.5	20.9	10.1	nt
21	E 4 0-10	0.08	7.0	6.2	47.5	1.1	1.4	21.3	19.5	nt
22	E 4 20-30	0.08	7.9	6.5	52.5	2.6	0.4	22.1	23.9	nt
23	E 4 40-50	0.26	8.7	7.5	53.2	4.1	0.3	21.9	26.3	nt
24	E 4 65-75	0.49	8.9	7.8	52.5	5.2	0.3	20.7	28.1	nt
25	E 4 90-100	0.60	8.9	7.9	52.4	5.5	0.3	20.8	28.9	nt
26	E 5 0-5	0.05	5.8	5.1	9.0	0.3	1.2	7.3	2.8	1.6
27	E 5 10-20	0.05	6.1	5.2	6.2	<0.1	0.6	4.4	2.8	1.0
28	E 5 30-40	0.29	7.9	6.7	24.6	2.6	0.8	10.1	12.1	nt
29	E 5 65-75	0.65	8.7	7.4	23.2	2.5	0.4	8.1	11.8	nt
30	E 8 0-10	0.03	6.4	5.7	17.4	0.4	1.1	11.9	4.0	nt
31	E 8 20-30	0.06	7.1	5.9	35.0	2.0	0.7	21.3	9.3	nt
32	E 8 50-60	0.10	7.7	6.1	27.5	2.5	0.5	19.3	7.1	nt

nt- not tested



SOIL CONSERVATION SERVICE
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Report No: SCO14/188R2
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Tamworth NSW 2340

Lab No	Method	P7B/2 Particle Size Analysis (%)					Colour	
	Sample Id	clay	silt	f sand	c sand	gravel	Dry	Moist
17	E 2 0-10	33	18	32	17	<1	10YR 5/2	10YR 3/2
18	E 2 20-30	58	16	21	5	<1	10YR 6/2	10YR 5/3
19	E 2 40-50	49	14	29	8	<1	10YR 6/2	10YR 5/3
20	E 2 55-65	30	12	29	29	<1	10YR 6/2	10YR 5/3
21	E 4 0-10	57	14	17	11	1	10YR 3/2	10YR 3/2
22	E 4 20-30	66	12	10	9	3	10YR 3/2	10YR 3/2
23	E 4 40-50	67	12	7	9	5	10YR 3/2	10YR 3/2
24	E 4 65-75	67	9	9	10	5	10YR 4/1	10YR 4/1
25	E 4 90-100	54	11	10	13	12	10YR 4/1	10YR 3/2
26	E 5 0-5	15	13	28	35	9	10YR 4/2	10YR 3/2
27	E 5 10-20	9	7	16	23	45	10YR 6/2	10YR 4/2
28	E 5 30-40	54	14	19	13	<1	2.5Y 6/1	2.5Y 5/2
29	E 5 65-75	40	17	31	12	<1	2.5Y 7/1	2.5Y 6/2
30	E 8 0-10	21	17	22	39	1	7.5YR 4/3	7.5YR 3/3
31	E 8 20-30	50	12	13	25	<1	7.5YR 4/6	7.5YR 4/6
32	E 8 50-60	36	11	12	40	1	10YR 5/4	10YR 4/6



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Tamworth NSW 2340

Lab No	Method	C1A/5	C2A/4	C2B/4	C5A/4 CEC & exchangeable cations (me/100g)					
	Sample Id	EC (dS/m)	pH	pH (CaCl ₂)	CEC	Na	K	Ca	Mg	Al
33	E 9 0-10	0.06	6.3	5.5	35.0	1.6	1.8	22.1	9.4	nt
34	E 9 20-30	0.07	7.2	6.0	41.5	2.9	0.9	24.3	11.2	nt
35	E 9 50-60	0.37	8.7	7.1	47.1	5.2	0.3	27.6	12.0	nt
36	E 11 0-10	0.14	7.6	6.9	48.1	1.1	1.8	24.9	17.9	nt
37	E 11 20-30	0.07	8.0	7.0	50.3	1.2	1.2	24.8	20.9	nt
38	E 11 40-50	0.18	8.7	7.6	48.5	1.9	0.7	25.9	21.3	nt
39	E 11 65-75	0.22	9.1	7.9	42.5	2.6	0.6	21.7	19.3	nt
40	E 12 0-10	0.16	7.1	6.7	32.6	0.6	1.1	16.8	13.6	nt
41	E 12 20-30	0.21	8.2	7.1	41.1	4.5	0.6	18.5	16.2	nt
42	E 12 40-50	0.53	9.0	7.9	41.6	6.1	0.4	22.6	15.7	nt
43	E 12 65-75	0.67	9.3	8.2	34.1	5.8	0.6	16.3	12.5	nt
44	E 13 0-5	0.10	6.7	6.3	32.3	0.3	1.6	18.2	9.9	nt
45	E 13 20-30	0.08	7.8	6.7	40.6	1.2	0.9	24.0	14.1	nt
46	E 13 50-60	0.21	8.9	7.7	38.7	1.7	0.7	25.8	13.4	nt
47	E 14 0-10	0.16	7.2	6.8	20.4	0.8	1.3	9.3	6.6	nt
48	E 14 20-30	0.33	8.4	7.3	26.6	2.9	1.2	8.1	11.1	nt

nt - not tested



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Report No: SCO14/188R2
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Tamworth NSW 2340

Lab No	Method	P7B/2 Particle Size Analysis (%)					Colour	
	Sample Id	clay	silt	f sand	c sand	gravel	Dry	Moist
33	E 9 0-10	40	12	21	26	1	10YR 4/3	10YR 4/3
34	E 9 20-30	45	11	17	26	1	10YR 4/4	10YR 4/4
35	E 9 50-60	35	14	24	17	10	10YR 6/4	10YR 5/6
36	E 11 0-10	54	17	27	2	<1	10YR 4/2	10YR 3/3
37	E 11 20-30	60	15	24	1	<1	10YR 4/2	10YR 3/3
38	E 11 40-50	52	22	21	4	1	10YR 5/3	10YR 4/3
39	E 11 65-75	41	29	25	5	<1	10YR 5/3	10YR 5/4
40	E 12 0-10	38	20	31	10	1	10YR 5/2	10YR 4/2
41	E 12 20-30	53	16	23	7	<1	10YR 5/2	10YR 3/2
42	E 12 40-50	50	18	29	3	1	10YR 5/1	10YR 4/1
43	E 12 65-75	31	23	45	1	0	2.5Y 7/3	2.5Y 6/4
44	E 13 0-5	39	17	29	15	<1	10YR 3/4	10YR 3/4
45	E 13 20-30	58	14	18	9	1	7.5YR 4/4	7.5YR 4/4
46	E 13 50-60	41	25	21	12	1	10YR 6/4	10YR 5/4
47	E 14 0-10	26	11	25	24	14	10YR 5/2	10YR 3/2
48	E 14 20-30	41	12	22	21	4	10YR 5/2	10YR 4/2

na – not available



SOIL CONSERVATION SERVICE
Scone Research Centre

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Report No: SCO14/188R2
Client Reference: Clayton Richards
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Tamworth NSW 2340

Lab No	Method	C1A/5	C2A/4	C2B/4	C5A/4 CEC & exchangeable cations (me/100g)					
	Sample Id	EC (dS/m)	pH	pH (CaCl ₂)	CEC	Na	K	Ca	Mg	Al
49	E 14 40-50	0.79	8.5	7.1	27.6	4.3	0.9	7.6	12.3	nt
50	E 14 65-75	0.95	8.6	7.4	26.2	4.8	0.7	7.2	12.4	nt
51	E 18 0-10	0.21	6.7	6.3	35.6	1.7	1.5	17.4	13.8	nt
52	E 18 20-30	0.31	6.0	5.6	40.2	3.6	0.8	17.8	16.2	nt
53	E 18 40-50	0.62	6.4	5.4	38.7	4.9	0.6	15.5	15.0	0.9
54	E 18 65-75	0.88	5.2	4.6	43.8	7.1	0.6	16.5	16.8	1.0
55	E 20 0-10	0.08	6.3	5.2	29.9	0.7	1.7	14.5	10.6	1.4
56	E 20 20-30	0.10	7.4	6.1	40.9	1.9	1.2	18.0	17.6	nt
57	E 20 40-50	0.48	8.8	7.4	42.5	3.0	0.7	20.9	17.9	nt
58	E 20 65-75	0.91	8.8	7.8	43.5	4.9	0.6	19.7	21.2	nt
59	S 60 0-8	0.07	6.5	6.0	22.2	0.3	1.6	11.0	7.3	nt
60	S 60 20-30	0.26	8.4	7.3	43.8	2.1	1.6	20.7	18.7	nt
61	S 60 40-50	0.44	9.0	7.7	45.3	3.6	1.5	26.5	20.2	nt
62	S 60 65-75	0.97	8.9	8.0	49.0	5.6	1.7	19.9	24.8	nt

nt - not tested



SOIL CONSERVATION SERVICE
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Report No: SCO14/188R2
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Lab No	Method	P7B/2 Particle Size Analysis (%)					Colour	
	Sample Id	clay	silt	f sand	c sand	gravel	Dry	Moist
49	E 14 40-50	42	13	23	21	1	10YR 5/1	10YR 4/1
50	E 14 65-75	39	12	24	22	3	10YR 5/1	10YR 4/1
51	E 18 0-10	37	22	24	13	4	10YR 5/2	10YR 3/2
52	E 18 20-30	47	22	19	10	2	10YR 5/2	10YR 3/2
53	E 18 40-50	44	24	19	11	2	10YR 5/2	10YR 3/2
54	E 18 65-75	46	28	18	8	<1	10YR 5/2	10YR 3/2
55	E 20 0-10	34	22	30	13	1	10YR 4/2	10YR 3/2
56	E 20 20-30	57	15	20	8	0	7.5YR 4/3	7.5YR 4/3
57	E 20 40-50	55	17	18	8	2	7.5YR 5/4	7.5YR 3/4
58	E 20 65-75	57	20	15	7	1	10YR 5/3	10YR 4/3
59	S 60 0-8	22	20	23	32	3	7.5YR 4/2	7.5YR 3/2
60	S 60 20-30	60	17	10	13	<1	10YR 6/2	10YR 4/2
61	S 60 40-50	61	19	10	9	1	10YR 6/1	10YR 5/3
62	S 60 65-75	63	20	13	4	0	10YR 7/1	10YR 5/2



END OF TEST REPORT

Site ID	Water erosion	Wind erosion	Soil structural decline	Soil acidity	Salinity	Water logging	Rockiness & Soil Depth	Mass movement	LSC Class
M1	1	2	1	3	1	6	1	1	6
M2	2	2	2	2	4	1	1	1	4
M3	2	2	1	3	4	1	1	1	4
M4	3	2	2	2	2	1	1	1	3
M5	2	2	2	3	4	1	1	1	4
M6	3	2	1	2	4	1	1	1	4
M7	3	2	1	2	4	1	1	1	4
M8	3	2	1	3	5	1	1	1	5
M9	2	2	2	2	4	1	1	1	4
M10	3	2	1	3	4	1	1	1	4
M11	3	2	1	2	5	1	1	1	5
M12	3	2	2	2	5	1	1	1	5
M13	3	2	2	2	3	6	1	1	6
M14	4	2	1	2	n/a	1	4	1	4
M15	3	2	2	3	4	6	1	1	6
M16	2	2	1	2	4	1	1	1	4
M17	2	2	1	1	1	1	3	1	3
M18	3	2	1	2	4	3	1	1	4
M19	3	2	1	1	5	1	1	1	5
M20	2	2	1	2	2	1	1	1	2
M21	1	2	1	2	2	1	1	1	2
M22	3	2	2	2	4	1	1	1	4
M23	2	2	2	2	2	3	1	1	3
M24	1	2	2	2	2	6	1	1	6
M25	3	2	2	n/a	3	3	1	1	3
M26	3	2	2	3	3	6	1	1	6
M27	3	2	2	2	5	1	1	1	5
M28	2	2	1	2	5	1	1	1	5
M29	3	2	1	3	n/a	4	2	1	4
M30	2	2	4	2	7	1	1	1	7
M31	2	2	2	4	5	1	1	1	5
M32	4	2	4	2	3	1	1	1	4
M33	2	2	2	2	4	2	1	1	4
M34	3	2	2	2	4	1	1	1	4
S-1	1	2	1	n/a	n/a	3	1	1	2
S-2	2	2	2	n/a	n/a	3	1	1	2
S-3	3	2	3	3	1	3	4	1	4
S-4	2	2	3	n/a	n/a	3	4	1	4
S-5	2	2	1	1	3	3	1	1	3
S-6	n/a	2	2	2	3	3	4	1	4
S-7	2	2	3	n/a	n/a	3	1	1	3
S-8	3	2	1	1	3	3	1	1	3
S-9	3	2	1	1	4	3	1	1	4
S-10	2	2	1	1	2	3	3	1	3
S-11	2	2	2	n/a	n/a	3	3	1	3
S-12	n/a	2	1	n/a	n/a	3	4	1	4
S-13	3	2	3	3	1	3	4	1	4
S-14	3	2	4	n/a	n/a	3	4	1	4
S-14/15	3	2	1	1	3	3	3	1	3
S-15	3	2	1	1	3	3	1	1	3
S-16	2	2	1	3	3	3	1	1	3

Land and Soil Capability Worksheets

S-17	3	2	1	n/a	n/a	3	3	1	3
S-18	3	2	1	n/a	n/a	3	6	1	6
S-19	2	2	3	n/a	n/a	3	4	1	4
S-20	3	2	1	1	4	3	1	1	4
S-21	3	2	1	n/a	n/a	3	4	1	4
S-22	5	2	3	n/a	n/a	3	4	1	4
S-23	3	2	1	n/a	n/a	3	4	1	4
S-24	3	2	1	n/a	n/a	3	6	1	6
S-25	3	2	1	n/a	n/a	3	1	1	3
S-26	3	2	1	n/a	n/a	3	4	1	4
S-27	2	2	1	1	2	3	1	1	3
S-28	3	2	1	3	4	3	1	1	4
S-29	3	2	1	n/a	n/a	3	4	1	4
S-30	3	2	3	n/a	n/a	3	1	1	3
S-31	3	2	3	n/a	n/a	3	1	1	3
S-32	2	2	1	3	4	3	1	1	4
S-33	1	2	3	3	3	4	3	1	4
S-35	3	2	3	n/a	n/a	3	4	1	4
S-36	n/a	2	3	n/a	n/a	3	4	1	4
S-37	3	2	3	n/a	n/a	3	3	1	3
S-38	1	2	3	n/a	n/a	3	1	1	3
S-43	3	2	1	1	4	3	3	1	4
S-44	1	2	2	1	4	4	3	1	4
S-45	2	2	3	n/a	n/a	3	4	1	4
S-46	2	2	2	1	4	3	3	1	4
S-47	2	2	3	3	4	3	3	1	4
S-48	3	2	1	n/a	n/a	3	1	1	3
S-49H	3	2	1	1	4	3	1	1	4
S-49P		2	1	1	3	3	1	1	
S-50	3	2	1	n/a	n/a	3	4	1	4
S-51	3	2	1	3	4	3	1	1	4
S-52	3	2	1	3	4	3	1	1	4
S-54	2	2	2	n/a	n/a	3	4	1	4
S-55	2	2	1	n/a	n/a	3	4	1	4
S-56	3	2	1	3	4	3	1	1	4
S-57	2	2	3	n/a	n/a	3	1	1	3
S-58	2	2	3	n/a	n/a	3	1	1	3
S-59	3	2	3	3	5	3	3	1	5
S-60	5	2	3	3	3	3	4	1	4
S-61	5	2	1	3	4	2	3	1	5
S-62	3	2	3	n/a	n/a	3	6	1	6
S-63	2	2	3	3	3	3	1	1	3
S-64	1	2	3	n/a	n/a	3	6	1	6
S-65	1	2	1	3	2	3	1	1	3
S-66	1	2	3	n/a	n/a	3	6	1	6
S-67	1	2	1	3	4	3	1	1	4
S-68	4	2	3	1	4	3	3	1	4
S-69	3	2	2	1	3	3	1	1	3
S-71	5	2	3	n/a	n/a	3	3	1	5
S-72	3	2	3	3	5	3	4	1	5
S-73	1	2	3	n/a	n/a	3	3	1	3
S-74	2	2	3	n/a	n/a	3	1	1	3
S-75	3	2	3	2	4	3	4	1	4
S-76	5	2	3	n/a	n/a	3	3	1	5

S-77	3	2	3	n/a	n/a	3	1	1	3
S-78	3	2	3	n/a	n/a	3	4	1	4
S-80	2	2	2	n/a	n/a	3	6	1	6
S-81	3	2	2	n/a	n/a	3	6	1	6
S-82	3	2	3	3	3	3	1	1	3
S-83	2	2	1	3	4	3	1	1	4
S-84	3	2	3	n/a	n/a	3	3	1	3
S-85	2	2	1	3	2	3	1	1	3
S-86	3	2	3	3	5	3	3	1	5
S-87	3	2	1	n/a	n/a	3	4	1	4
S-88	3	2	3	3	3	3	4	1	4
B-5	2	5	3	4	3	4	1	1	4
B-6	1	2	1	1	3	3	1	1	3
B-7	1	2	1	3	3	3	1	1	3
B-8	2	2	4	3	4	3	1	1	4
E1	4	2	3	3	n/a	2	6	1	6
E2	6	2	3	3	2	2	6	1	6
E3	4	2	1	3	n/a	2	6	1	6
E4	4	2	1	1	2	2	2	1	4
E5	5	2	3	3	2	2	4	1	5
E6	6	2	3	3	n/a	2	4	1	6
E7	6	2	3	3	n/a	2	6	1	6
E8	4	2	3	3	1	2	6	1	6
E9	6	2	2	1	3	2	4	1	6
E10	3	2	1	1	n/a	3	3	1	3
E11	4	2	1	1	2	2	2	1	4
E12	4	2	1	1	3	2	3	1	4
E13	4	2	1	1	2	2	4	1	4
E14	3	2	1	3	4	3	2	1	4
E15	4	2	1	1	n/a	2	4	1	4
E16	4	2	3	3	n/a	2	6	1	6
E17	4	2	1	1	n/a	2	4	1	4
E18	2	2	1	3	4	2	3	1	4
E19	3	2	1	1	n/a	2	3	1	3
E20	4	2	1	3	3	2	2	1	4
E21	3	2	1	3	n/a	2	6	1	6

ID	Lower depth	Texture	Lime present	CEC	Buffering capacity	pH	Acidification LSC
M1	10	ZCL		7.4	M	4.7	3
M2	5	ZLC		18.4	H	5.5	2
M3	5	ZCL		11.4	M	4.8	3
M4	5	LC		13.8	H	5	2
M5	10	CL		14.0	M	5.4	3
M6	5	ZLC		41.4	H	7.1	2
M7	5	LC		42.0	H	7.3	2
M8	5	ZCL		22.9	M	5.4	3
M9	7	LC		12.8	H	4.9	2
M10	10	SCL		11.2	M	4.9	3
M11	5	LMC		20.1	H	5.7	2
M12	8	LC		18.2	H	5.3	2
M13	18	MC		19.4	H	5.9	2
M14	8	LC		15.0	H	5.2	2
M15	8	SCL		6.6	M	4.8	3
M16	8	LC		11.2	H	5.1	2
M17	10	LC		21.7	VH	5.3	1
M18	8	LMC		48.6	H	7.3	2
M19	10	LMC		26.5	VH	6.5	1
M20	8	LC		16.7	H	4.9	2
M21	8	ZLC		26.1	H	4.8	2
M22	12	LC		23.9	H	5.4	2
M23	10	LMC		22.7	H	5.1	2
M24	20	LC		10.8	H	5.0	2
M25	20	LC		11.5	H	4.6	n/a
M26	10	SCL		13.9	M	4.9	3
M27	20	MC		27.1	H	5.6	2
M28	5	LC		15.6	H	5.1	2
M29	15	CL		25.6	M	5.4	3
M30	8	LC		14.3	H	5.2	2
M31	10	CL		10.4	M	4.6	4
M32	10	LC		19.8	H	6.1	2
M33	10	LC		14.4	H	5.2	2
M34	8	MC		10.4	H	6.7	2

SLR LSC Assessment according to the NSW LSC Assessment Scheme (Second Approximation)

S-1				
S-2				
S-3	Loam	M	5.6	3
S-4				
S-5	Medium Clay	VH	6.4	1
S-6	Silty Clay	H	6.3	2
S-7				
S-8	Heavy Clay	VH	8.3	1
S-9	Light-medium Clay	VH	6.5	1
S-10	Heavy Clay	VH	7	1
S-11				
S-12				
S-13	Clay Loam	M	6.3	3
S-14				
S-14/15	Heavy Clay	VH	8.5	1
S-15	Medium Clay	VH	6.9	1
S-16	Silty Clay Loam	M	7	3
S-17				
S-18				

S-19				
S-20	Heavy Clay	VH	7.6	1
S-21				
S-22				
S-23				
S-24				
S-25				
S-26				
S-27	Heavy Clay	VH	7.2	1
S-28	Silty Clay Loam	M	6.6	3
S-29				
S-30				
S-31				
S-32	Clay Loam	M	6.4	3
S-33	Clay Loam	M	6.4	3
S-35				
S-36				
S-37				
S-38				
S-43	Heavy Clay	VH	7.3	1
S-44	Heavy Clay	VH	6.7	1
S-45				
S-46	Light-medium Clay	VH	8.1	1
S-47	Silty Loam	M	6.6	3
S-48				
S-49H	Heavy Clay	VH	7.1	1
S-49P			7.3	1
S-50				
S-51	Clay Loam	M	7.2	3
S-52	Clay Loam	M	6.5	3
S-54				
S-55				
S-56	Clay Loam	M	6.5	3
S-57				
S-58				
S-59	Silty Clay Loam	M	6.6	3
S-60	Loam	M	6.5	3
S-61	Clay Loam	M	6.4	3
S-62				
S-63	Loam	M	6.2	3
S-64				
S-65	Clay Loam	M	6.3	3
S-66				
S-67	Silty Clay Loam	M	6.5	3
S-68	Heavy Clay	VH	7.3	1
S-69	Silty Clay	VH	7.4	1
S-70				
S-71				
S-72	Loam	M	6.4	3
S-73				
S-74				
S-75	Light-medium Clay	H	7.5	2
S-76				
S-77				
S-78				
S-80				
S-81				
S-82	Silty Clay Loam	M	6.3	3

S-83	Clay Loam	M	6.5	3
S-84				
S-85	Silty Clay Loam	M	6.1	3
S-86	Clay Loam	M	6.4	3
S-87				
S-88	Silty Clay Loam	M	6.5	3
B-5	Loamy Sand	L	6.1	4
B-6	Silty Clay	VH	6.4	1
B-7	Silty Clay Loam	M	6.9	3
B-8	Silty Loam	M	7	3
E1	Loam	M		3
E2	Clay Loam	M	5.7	3
E3	Clay	M		3
E4	Heavy Clay	VH	7	1
E5	Loam	M	5.8	3
E6	Loam	M		3
E7	Loam	M		3
E8	Loam	M	6.4	3
E9	Light Clay	VH	6.3	1
E10	Clay	VH		1
E11	Heavy Clay	VH	7.6	1
E12	Light Clay	VH	7.1	1
E13	Light Clay	VH	6.7	1
E14	Clay Loam	M	7.2	3
E15	Clay	VH		1
E16	Loam	M		3
E17	Clay	VH		1
E18	Clay Loam	M	6.7	3
E19	Clay	VH		1
E20	Clay Loam	M	6.3	3
E21	Clay loam	M		3

ID	Mean Annual Rainfall	Mass Movement Present	Slope Class	LSC
M1	>500mm	No	N/A	1
M2	>500mm	No	N/A	1
M3	>500mm	No	N/A	1
M4	>500mm	No	N/A	1
M5	>500mm	No	N/A	1
M6	>500mm	No	N/A	1
M7	>500mm	No	N/A	1
M8	>500mm	No	N/A	1
M9	>500mm	No	N/A	1
M10	>500mm	No	N/A	1
M11	>500mm	No	N/A	1
M12	>500mm	No	N/A	1
M13	>500mm	No	N/A	1
M14	>500mm	No	N/A	1
M15	>500mm	No	N/A	1
M16	>500mm	No	N/A	1
M17	>500mm	No	N/A	1
M18	>500mm	No	N/A	1
M19	>500mm	No	N/A	1
M20	>500mm	No	N/A	1
M21	>500mm	No	N/A	1
M22	>500mm	No	N/A	1
M23	>500mm	No	N/A	1
M24	>500mm	No	N/A	1
M25	>500mm	No	N/A	1
M26	>500mm	No	N/A	1
M27	>500mm	No	N/A	1
M28	>500mm	No	N/A	1
M29	>500mm	No	N/A	1
M30	>500mm	No	N/A	1
M31	>500mm	No	N/A	1
M32	>500mm	No	N/A	1
M33	>500mm	No	N/A	1
M34	>500mm	No	N/A	1
S-1	>500mm	No	N/A	1
S-2	>500mm	No	N/A	1
S-3	>500mm	No	N/A	1
S-4	>500mm	No	N/A	1
S-5	>500mm	No	N/A	1
S-6	>500mm	No	N/A	1
S-7	>500mm	No	N/A	1
S-8	>500mm	No	N/A	1
S-9	>500mm	No	N/A	1
S-10	>500mm	No	N/A	1
S-11	>500mm	No	N/A	1
S-12	>500mm	No	N/A	1
S-13	>500mm	No	N/A	1
S-14	>500mm	No	N/A	1

S-14/15	>500mm	No	N/A	1
S-15	>500mm	No	N/A	1
S-16	>500mm	No	N/A	1
S-17	>500mm	No	N/A	1
S-18	>500mm	No	N/A	1
S-19	>500mm	No	N/A	1
S-20	>500mm	No	N/A	1
S-21	>500mm	No	N/A	1
S-22	>500mm	No	N/A	1
S-23	>500mm	No	N/A	1
S-24	>500mm	No	N/A	1
S-25	>500mm	No	N/A	1
S-26	>500mm	No	N/A	1
S-27	>500mm	No	N/A	1
S-28	>500mm	No	N/A	1
S-29	>500mm	No	N/A	1
S-30	>500mm	No	N/A	1
S-31	>500mm	No	N/A	1
S-32	>500mm	No	N/A	1
S-33	>500mm	No	N/A	1
S-35	>500mm	No	N/A	1
S-36	>500mm	No	N/A	1
S-37	>500mm	No	N/A	1
S-38	>500mm	No	N/A	1
S-43	>500mm	No	N/A	1
S-44	>500mm	No	N/A	1
S-45	>500mm	No	N/A	1
S-46	>500mm	No	N/A	1
S-47	>500mm	No	N/A	1
S-48	>500mm	No	N/A	1
S-49H	>500mm	No	N/A	1
S-49P	>500mm	No	N/A	1
S-50	>500mm	No	N/A	1
S-51	>500mm	No	N/A	1
S-52	>500mm	No	N/A	1
S-54	>500mm	No	N/A	1
S-55	>500mm	No	N/A	1
S-56	>500mm	No	N/A	1
S-57	>500mm	No	N/A	1
S-58	>500mm	No	N/A	1
S-59	>500mm	No	N/A	1
S-60	>500mm	No	N/A	1
S-61	>500mm	No	N/A	1
S-62	>500mm	No	N/A	1
S-63	>500mm	No	N/A	1
S-64	>500mm	No	N/A	1
S-65	>500mm	No	N/A	1
S-66	>500mm	No	N/A	1
S-67	>500mm	No	N/A	1
S-68	>500mm	No	N/A	1
S-69	>500mm	No	N/A	1
S-70	>500mm	No	N/A	1
S-71	>500mm	No	N/A	1

S-72	>500mm	No	N/A	1
S-73	>500mm	No	N/A	1
S-74	>500mm	No	N/A	1
S-75	>500mm	No	N/A	1
S-76	>500mm	No	N/A	1
S-77	>500mm	No	N/A	1
S-78	>500mm	No	N/A	1
S-80	>500mm	No	N/A	1
S-81	>500mm	No	N/A	1
S-82	>500mm	No	N/A	1
S-83	>500mm	No	N/A	1
S-84	>500mm	No	N/A	1
S-85	>500mm	No	N/A	1
S-86	>500mm	No	N/A	1
S-87	>500mm	No	N/A	1
S-88	>500mm	No	N/A	1
B-5	>500mm	No	N/A	1
B-6	>500mm	No	N/A	1
B-7	>500mm	No	N/A	1
B-8	>500mm	No	N/A	1
E-1	>500mm	No	N/A	1
E-2	>500mm	No	N/A	1
E-3	>500mm	No	N/A	1
E-4	>500mm	No	N/A	1
E-5	>500mm	No	N/A	1
E-6	>500mm	No	N/A	1
E-7	>500mm	No	N/A	1
E-8	>500mm	No	N/A	1
E-9	>500mm	No	N/A	1
E-10	>500mm	No	N/A	1
E-11	>500mm	No	N/A	1
E-12	>500mm	No	N/A	1
E-13	>500mm	No	N/A	1
E-14	>500mm	No	N/A	1
E-15	>500mm	No	N/A	1
E-16	>500mm	No	N/A	1
E-17	>500mm	No	N/A	1
E-18	>500mm	No	N/A	1
E-19	>500mm	No	N/A	1
E-20	>500mm	No	N/A	1
E-21	>500mm	No	N/A	1

ID	ECe (dS/m)	Salinity LSC
M1	0.5	1
M2	7.5	4
M3	6.3	4
M4	1.7	2
M5	7.6	4
M6	7.6	4
M7	6.6	4
M8	9.9	5
M9	7.8	4
M10	5.8	4
M11	9.2	5
M12	8.3	5
M13	3.4	3
M14	-	n/a
M15	5.0	4
M16	7.8	4
M17	0.7	1
M18	5.7	4
M19	11.1	5
M20	1.7	2
M21	1.9	2
M22	5.3	4
M23	1.0	2
M24	1.0	2
M25	2.9	3
M26	2.6	3
M27	9.9	5
M28	8.9	5
M29	-	n/a
M30	20.0	7
M31	9.8	5
M32	3.8	3
M33	6.6	4
M34	4.9	4

LSC Class	ECe ds/m
1	<1
2	1-2.0
3	2.1 - 4
4	4.1 - 8
5	8.1 - 12
6	12.1 - 16
7	16.1 - 30
8	>30

Ece in to 0.6m

S-1		
S-2		
S-3	0.4	1
S-4		
S-5	2.4	3
S-6	2.1	3
S-7		
S-8	3.7	3
S-9	6.4	4
S-10	1.7	2
S-11		
S-12		
S-13	0.3	1
S-14		
S-14/15	3.1	3

S-15	2.1	3
S-16	3.1	3
S-17		
S-18		
S-19		
S-20	4.5	4
S-21		
S-22		
S-23		
S-24		
S-25		
S-26		
S-27	1.0	2
S-28	4.5	4
S-29		
S-30		
S-31		
S-32	7.8	4
S-33	3.7	3
S-35		
S-36		
S-37		
S-38		
S-43	5.3	4
S-44	6.3	4
S-45		
S-46	6.6	4
S-47	6.0	4
S-48		
S-49H	4.5	4
S-49P	2.6	3
S-50		
S-51	6.7	4
S-52	5.7	4
S-54		
S-55		
S-56	6.4	4
S-57		
S-58		
S-59	8.4	5
S-60	2.6	3
S-61	6.0	4
S-62		
S-63	2.8	3
S-64		
S-65	1.0	2
S-66		
S-67	7.5	4
S-68	7.8	4
S-69	3.7	3
S-70		
S-71		

S-72	8.8	5
S-73		
S-74		
S-75	4.2	4
S-76		
S-77		
S-78		
S-80		
S-81		
S-82	3.5	3
S-83	6.7	4
S-84		
S-85	1.6	2
S-86	10.0	5
S-87		
S-88	2.6	3
B-5	2.5	3
B-6	3.9	3
B-7	2.9	3
B-8	7.0	4
E1		
E2	1.2	2
E3		
E4	1.5	2
E5	1.7	2
E6		
E7		
E8	0.9	1
E9	3.2	3
E10		
E11	1.0	2
E12	4.0	3
E13	1.8	2
E14	6.8	4
E15		
E16		
E17		
E18	5.3	4
E19		
E20	2.8	3
E21		

ID	Depth to Rock	Rockiness LSC
M1	-	1
M2	-	1
M3	-	1
M4	-	1
M5	-	1
M6	-	1
M7	-	1
M8	-	1
M9	-	1
M10	-	1
M11	-	1
M12	-	1
M13	-	1
M14	50	4
M15	-	1
M16	-	1
M17	80	3
M18	-	1
M19	-	1
M20	-	1
M21	-	1
M22	-	1
M23	-	1
M24	-	1
M25	-	1
M26	-	1
M27	-	1
M28	-	1
M29	110	2
M30	-	1
M31	-	1
M32	-	1
M33	-	1
M34	-	1

LSC Class	Depth to Rock
1	None
2	≥ 100
3	75 - <100
4	50 - <75
6	25 - <50
7	<25

Site ID	Rock Outcrop %	Soil Depth	LSC
S-1	Nil	>100	1
S-2	Nil	>100	1
S-3	<30%	50-75	4
S-4	<30%	50-75	4
S-5	Nil	>100	1
S-6	<30%	50-75	4
S-7	Nil	>100	1
S-8	Nil	>100	1
S-9	Nil	>100	1
S-10	<30%	75-100	3
S-11	<30%	75-100	3
S-12	<30%	50-75	4

S-13	<30%	50-75	4
S-14	<30%	50-75	4
S-14/15	<30%	75-100	3
S-15	Nil	>100	1
S-16	Nil	>100	1
S-17	<30%	75-100	3
S-18	<30%	25-50	6
S-19	<30%	50-75	4
S-20	Nil	>100	1
S-21	<30%	50-75	4
S-22	<30%	50-75	4
S-23	<30%	50-75	4
S-24	<30%	25-50	6
S-25	Nil	>100	1
S-26	<30%	50-75	4
S-27	Nil	>100	1
S-28	Nil	>100	1
S-29	<30%	50-75	4
S-30	Nil	>100	1
S-31	Nil	>100	1
S-32	Nil	>100	1
S-33	<30%	75-100	3
S-35	<30%	50-75	4
S-36	<30%	50-75	4
S-37	<30%	75-100	3
S-38	Nil	>100	1
S-43	<30%	75-100	3
S-44	<30%	75-100	3
S-45	<30%	50-75	4
S-46	<30%	75-100	3
S-47	<30%	75-100	3
S-48	Nil	>100	1
S-49H	Nil	>100	1
S-49P	Nil	>100	1
S-50	<30%	50-75	4
S-51	Nil	>100	1
S-52	Nil	>100	1
S-54	<30%	50-75	4
S-55	<30%	50-75	4
S-56	Nil	>100	1
S-57	Nil	>100	1
S-58	Nil	>100	1
S-59	<30%	75-100	3
S-60	<30%	50-75	4
S-61	<30%	75-100	3
S-62	<30%	25-50	6
S-63	Nil	>100	1
S-64	<30%	25-50	6
S-65	Nil	>100	1
S-66	<30%	25-50	6
S-67	Nil	>100	1
S-68	<30%	75-100	3
S-69	Nil	>100	1

S-70			
S-71	<30%	75-100	3
S-72	<30%	50-75	4
S-73	<30%	75-100	3
S-74	Nil	>100	1
S-75	<30%	50-75	4
S-76	<30%	75-100	3
S-77	Nil	>100	1
S-78	<30%	50-75	4
S-80	<30%	25-50	6
S-81	<30%	25-50	6
S-82	Nil	>100	1
S-83	Nil	>100	1
S-84	<30%	75-100	3
S-85	Nil	>100	1
S-86	<30%	75-100	3
S-87	<30%	50-75	4
S-88	<30%	50-75	4
B-5	Nil	>100	1
B-6	Nil	>100	1
B-7	Nil	>100	1
B-9	Nil	>100	1
E-1	<30%	25-50	6
E-2	<30%	25-50	6
E-3	<30%	25-50	6
E-4	<30%	>100	2
E-5	<30%	50-75	4
E-6	<30%	50-75	4
E-7	<30%	25-50	6
E-8	<30%	25-50	6
E-9	<30%	50-75	4
E-10	<30%	75-100	3
E-11	<30%	>100	2
E-12	<30%	75-100	3
E-13	<30%	50-75	4
E-14	<30%	>100	2
E-15	<30%	50-75	4
E-16	<30%	25-50	6
E-17	<30%	50-75	4
E-18	<30%	75-100	3
E-19	<30%	75-100	3
E-20	<30%	>100	2
E-21	<30%	25-50	6

McKenzie LSC Assessment

ID	Lower depth	S'pak	Sturctural decline LSC
M1	10	1.8	1
M2	5	1.3	2
M3	5	1.7	1
M4	5	1.5	2
M5	10	1.5	2
M6	5	1.9	1
M7	5	1.7	1
M8	5	1.6	1
M9	7	1.4	2
M10	10	1.7	1
M11	5	1.7	1
M12	8	1.5	2
M13	18	1.4	2
M14	8	1.6	1
M15	8	1.5	2
M16	8	1.7	1
M17	10	1.9	1
M18	8	1.8	1
M19	10	1.8	1
M20	8	1.6	1
M21	8	1.8	1
M22	12	1.4	2
M23	10	1.4	2
M24	20	1.3	2
M25	20	1.4	2
M26	10	1.4	2
M27	20	1.5	2
M28	5	1.7	1
M29	15	1.7	1
M30	8	1.0	4
M31	10	1.2	2
M32	10	1.0	4
M33	10	1.1	2
M34	8	1.4	2

LSC Class	SOILpak Score
1	> 1.5
2	1.1 - 1.5
4	0.6 - 1.0
6	< 0.6

SLR LSC Assessment according to the NSW LSC Assessment Scheme (Second Approximation)

Site	Surface texture		
S-1	Sandy Clay Loam	Friable	1
S-2	Clay	Friable	2
S-3	Loam	Nil	3
S-4	Sandy Clay Loam	Nil	3
S-5	Medium Clay	Self Mulching	1
S-6	Silty Clay	Nil	2
S-7	Sandy Clay Loam	Nil	3
S-8	Heavy Clay	Self Mulching	1
S-9	Light-medium Clay	Self Mulching	1
S-10	Heavy Clay	Self Mulching	1
S-11	Clay	Friable	2
S-12	Clay	Self Mulching	1

S-13	Clay Loam	Nil	3
S-14	Silty Clay Loam	Silt	4
S-14/15	Heavy Clay	Self Mulching	1
S-15	Medium Clay	Self Mulching	1
S-16	Silty Clay Loam	Friable	1
S-17	Medium Clay	Self Mulching	1
S-18	Light Clay	Self Mulching	1
S-19	Sandy Clay Loam	Nil	3
S-20	Heavy Clay	Self Mulching	1
S-21	Clay	Self Mulching	1
S-22	Sandy Clay Loam	Nil	3
S-23	Medium Clay	Self Mulching	1
S-24	Light Clay	Self Mulching	1
S-25	Medium clay	Self Mulching	1
S-26	Medium clay	Self Mulching	1
S-27	Heavy Clay	Self Mulching	1
S-28	Silty Clay Loam	Friable	1
S-29	Medium clay	Self Mulching	1
S-30	Silty Clay Loam	Nil	3
S-31	Fine Sandy Loam	Nil	3
S-32	Clay Loam	Friable	1
S-33	Clay Loam	Nil	3
S-35	Fine Sandy Loam	Nil	3
S-36	Fine Sandy Loam	Nil	3
S-37	Fine Sandy Clay Loam	Nil	3
S-38	Loam	Nil	3
S-43	Heavy Clay	Self Mulching	1
S-44	Heavy Clay	Friable	2
S-45	Fine Sandy Clay Loam	Nil	3
S-46	Light-medium Clay	Friable	2
S-47	Silty Loam	Nil	3
S-48	Light Clay	Self Mulching	1
S-49H	Heavy Clay	Self Mulching	1
S-49P			1
S-50	Light Clay	Self Mulching	1
S-51	Clay Loam	Friable	1
S-52	Clay Loam	Friable	1
S-54	Medium Clay	Friable	2
S-55	Light clay	Self Mulching	1
S-56	Clay Loam	Friable	1
S-57	Sandy Clay Loam	Nil	3
S-58	Fine Sandy Clay Loam	Nil	3
S-59	Silty Clay Loam	Nil	3
S-60	Loam	Nil	3
S-61	Clay Loam	Friable	1
S-62	Loam	Nil	3
S-63	Loam	Nil	3
S-64	Sandy Clay Loam	Nil	3
S-65	Clay Loam	Friable	1
S-66	Sandy Loam	Nil	3
S-67	Silty Clay Loam	Friable	1
S-68	Heavy Clay	Weakly self mulching	3
S-69	Silty Clay	Friable	2
S-70			
S-71	Fine Sandy Clay Loam	Nil	3

S-72	Loam	Nil	3
S-73	Sandy Clay Loam	Nil	3
S-74	Sandy Clay Loam	Nil	3
S-75	Light-medium Clay	Weakly self mulching	3
S-76	Fine Sandy Clay Loam	Nil	3
S-77	Sandy Clay Loam	Nil	3
S-78	Loam	Nil	3
S-80	Light Clay	Friable	2
S-81	Light Medium Clay	Friable	2
S-82	Silty Clay Loam	Nil	3
S-83	Clay Loam	Friable	1
S-84	Fine Sandy Loam	Nil	3
S-85	Silty Clay Loam	Friable	1
S-86	Clay Loam	Nil	3
S-87	Light Clay	Self Mulching	1
S-88	Silty Clay Loam	Nil	3
B-5	Loamy Sand	Nil	3
B-6	Silty Clay	Self Mulching	1
B-7	Silty Clay Loam	self Mulching	1
B-8	Silty Loam	Mildly sodic	4
E1	Loam	Nil	3
E2	Clay Loam	Nil	3
E3	Clay	Self Mulching	1
E4	Heavy Clay	Self Mulching	1
E5	Loam	Nil	3
E6	Loam	Nil	3
E7	Loam	Nil	3
E8	Loam	Nil	3
E9	Light Clay	Friable	2
E10	Clay	Self Mulching	1
E11	Heavy Clay	Self Mulching	1
E12	Light Clay	Self Mulching	1
E13	Light Clay	Self Mulching	1
E14	Clay Loam	Friable	1
E15	Clay	Self Mulching	1
E16	Loam	Nil	3
E17	Clay	Self Mulching	1
E18	Clay Loam	Friable	1
E19	Clay	Self Mulching	1
E20	Clay Loam	Friable	1
E21	Clay loam	Friable	1

McKenzie LSC Assessment

ID	Slope	Slope LSC	Water LSC
M1	0	1	1
M2	2	2	2
M3	2	2	2
M4	8	3	3
M5	1	2	2
M6	6	3	3
M7	4	3	3
M8	4	3	3
M9	2	2	2
M10	8	3	3
M11	6	3	3
M12	4	3	3
M13	7	3	3
M14	12	4	4
M15	3	3	3
M16	2	2	2
M17	2	2	2
M18	5	3	3
M19	5	3	3
M20	1	2	2
M21	0	1	1
M22	4	3	3
M23	2	2	2
M24	3	3	1
M25	4	3	3
M26	7	3	3
M27	4	3	3
M28	2	2	2
M29	6	3	3
M30	2	2	2
M31	1	2	2
M32	9	4	4
M33	1	2	2
M34	7	3	3

Slope %	LSC Class
0	1
0.5	1
1	2
2	2
3	3
4	3
5	3
6	3
7	3
8	3
9	4
10	4
11	4
12	4
13	4
14	4

SLR LSC Assessment according to the NSW LSC Assessment Scheme (Second Approximation)

Site	Water Erosion LSC
S-1	1
S-2	2
S-3	3
S-4	2
S-5	2
S-6	
S-7	2

S-8	3
S-9	3
S-10	2
S-11	2
S-12	
S-13	3
S-14	3
S-14/15	3
S-15	3
S-16	2
S-17	3
S-18	3
S-19	2
S-20	3
S-21	3
S-22	5
S-23	3
S-24	3
S-25	3
S-26	3
S-27	2
S-28	3
S-29	3
S-30	3
S-31	3
S-32	2
S-33	1
S-35	3
S-36	
S-37	3
S-38	1
S-43	3
S-44	1
S-45	2
S-46	2
S-47	2
S-48	3
S-49H	3
S-49P	
S-50	3
S-51	3
S-52	3
S-54	2
S-55	2
S-56	3
S-57	2
S-58	2
S-59	3
S-60	5
S-61	5
S-62	3

S-63	2
S-64	1
S-65	1
S-66	1
S-67	1
S-68	4
S-69	3
S-70	
S-71	5
S-72	3
S-73	1
S-74	2
S-75	3
S-76	5
S-77	3
S-78	3
S-80	2
S-81	3
S-82	3
S-83	2
S-84	3
S-85	2
S-86	3
S-87	3
S-88	3
B-5	2
B-6	1
B-7	1
B-8	2
E1	4
E2	6
E3	4
E4	4
E5	5
E6	6
E7	6
E8	4
E9	6
E10	3
E11	4
E12	4
E13	4
E14	3
E15	4
E16	4
E17	4
E18	2
E19	3
E20	4
E21	3

ID	Depth to Mottles (>10%)	LSC
M1	40	6
M2	-	1
M3	-	1
M4	-	1
M5	**	1
M6	-	1
M7	-	1
M8	-	1
M9	-	1
M10	**	1
M11	-	1
M12	-	1
M13	48	6
M14	**	1
M15	45	6
M16	**	1
M17	-	1
M18	85	3
M19	-	1
M20	**	1
M21	-	1
M22	-	1
M23	85	3
M24	35	6
M25	85	3
M26	45	6
M27	-	1
M28	-	1
M29	50	4
M30	-	1
M31	-	1
M32	-	1
M33	100	2
M34	-	1

LSC Class	Depth to Waterlogged layer
1	none
2	≥ 100
3	75 - <100
4	50 - <75
6	25 - <50
7	<25

Site ID	Waterlogging duration	Return period	Typical soil drainage	LSC Class
S-1	0.25-2	Every Year	Imperfectly drained	3
S-2	0.25-2	Every Year	Imperfectly drained	3
S-3	0.25-2	Every Year	Imperfectly drained	3
S-4	0.25-2	Every Year	Imperfectly drained	3
S-5	0.25-2	Every Year	Imperfectly drained	3
S-6	0.25-2	Every Year	Imperfectly drained	3
S-7	0.25-2	Every Year	Imperfectly drained	3
S-8	0.25-2	Every Year	Imperfectly drained	3
S-9	0.25-2	Every Year	Imperfectly drained	3
S-10	0.25-2	Every Year	Imperfectly drained	3
S-11	0.25-2	Every Year	Imperfectly drained	3
S-12	0.25-2	Every Year	Imperfectly drained	3
S-13	0.25-2	Every Year	Imperfectly drained	3
S-14	0.25-2	Every Year	Imperfectly drained	3
S-14/15	0.25-2	Every Year	Imperfectly drained	3

S-15	0.25-2	Every Year	Imperfectly drained	3
S-16	0.25-2	Every Year	Imperfectly drained	3
S-17	0.25-2	Every Year	Imperfectly drained	3
S-18	0.25-2	Every Year	Imperfectly drained	3
S-19	0.25-2	Every Year	Imperfectly drained	3
S-20	0.25-2	Every Year	Imperfectly drained	3
S-21	0.25-2	Every Year	Imperfectly drained	3
S-22	0.25-2	Every Year	Imperfectly drained	3
S-23	0.25-2	Every Year	Imperfectly drained	3
S-24	0.25-2	Every Year	Imperfectly drained	3
S-25	0.25-2	Every Year	Imperfectly drained	3
S-26	0.25-2	Every Year	Imperfectly drained	3
S-27	0.25-2	Every Year	Imperfectly drained	3
S-28	0.25-2	Every Year	Imperfectly drained	3
S-29	0.25-2	Every Year	Imperfectly drained	3
S-30	0.25-2	2 to 3 years	Imperfectly drained	4
S-31	0.25-2	Every Year	Imperfectly drained	3
S-32	0.25-2	Every Year	Imperfectly drained	3
S-33	0.25-2	2 to 3 years	Imperfectly drained	4
S-35	0.25-2	Every Year	Imperfectly drained	3
S-36	0.25-2	Every Year	Imperfectly drained	3
S-37	0.25-2	Every Year	Imperfectly drained	3
S-38	0.25-2	2 to 3 years	Imperfectly drained	4
S-43	0.25-2	Every Year	Imperfectly drained	3
S-44	2-3	2 to 3 years	Imperfectly drained	4
S-45	0.25-2	Every Year	Imperfectly drained	3
S-46	0.25-2	Every Year	Imperfectly drained	3
S-47	0.25-2	Every Year	Imperfectly drained	3
S-48	0.25-2	Every Year	Imperfectly drained	3
S-49H	0.25-2	Every Year	Imperfectly drained	3
S-49P	0.25-2	Every Year	Imperfectly drained	3
S-50	0.25-2	Every Year	Imperfectly drained	3
S-51	0.25-2	Every Year	Imperfectly drained	3
S-52	0.25-2	Every Year	Imperfectly drained	3
S-54	0.25-2	Every Year	Imperfectly drained	3
S-55	0.25-2	Every Year	Imperfectly drained	3
S-56	0.25-2	Every Year	Imperfectly drained	3
S-57	0.25-2	Every Year	Imperfectly drained	3
S-58	0.25-2	Every Year	Imperfectly drained	3
S-59	0.25-2	Every Year	Imperfectly drained	3
S-60	0.25-2	Every Year	Imperfectly drained	3
S-61	0-0.25	Every Year	Moderately well drained	2
S-62	0.25-2	Every Year	Imperfectly drained	3
S-63	0.25-2	Every Year	Imperfectly drained	3
S-64	0.25-2	Every Year	Imperfectly drained	3
S-65	0.25-2	Every Year	Imperfectly drained	3
S-66	0.25-2	Every Year	Imperfectly drained	3
S-67	0.25-2	Every Year	Imperfectly drained	3
S-68	0.25-2	Every Year	Imperfectly drained	3
S-69	0.25-2	Every Year	Imperfectly drained	3
S-71	0.25-2	Every Year	Imperfectly drained	3
S-72	0.25-2	Every Year	Imperfectly drained	3
S-73	0.25-2	Every Year	Imperfectly drained	3
S-74	0.25-2	Every Year	Imperfectly drained	3
S-75	0.25-2	Every Year	Imperfectly drained	3

S-76	0.25-2	Every Year	Imperfectly drained	3
S-77	0.25-2	Every Year	Imperfectly drained	3
S-78	0.25-2	Every Year	Imperfectly drained	3
S-80	0.25-2	Every Year	Imperfectly drained	3
S-81	0.25-2	Every Year	Imperfectly drained	3
S-82	0.25-2	Every Year	Imperfectly drained	3
S-83	0.25-2	Every Year	Imperfectly drained	3
S-84	0.25-2	Every Year	Imperfectly drained	3
S-85	0.25-2	Every Year	Imperfectly drained	3
S-86	0.25-2	Every Year	Imperfectly drained	3
S-87	0.25-2	Every Year	Imperfectly drained	3
S-88	0.25-2	Every Year	Imperfectly drained	3
B-5	2-3	2 to 3 years	Imperfectly drained	4
B-6	0.25-2	Every Year	Imperfectly drained	3
B-7	0.25-2	Every Year	Imperfectly drained	3
B-9	0.25-2	Every Year	Imperfectly drained	3
E-1	0-0.25	Every Year	Moderately Well Drained	2
E-2	0-0.25	Every Year	Moderately Well Drained	2
E-3	0-0.25	Every Year	Moderately Well Drained	2
E-4	0-0.25	Every Year	Moderately Well Drained	2
E-5	0-0.25	Every Year	Moderately Well Drained	2
E-6	0-0.25	Every Year	Moderately Well Drained	2
E-7	0-0.25	Every Year	Moderately Well Drained	2
E-8	0-0.25	Every Year	Moderately Well Drained	2
E-9	0-0.25	Every Year	Moderately Well Drained	2
E-10	0.25-2	Every Year	Imperfectly drained	3
E-11	0-0.25	Every Year	Moderately Well Drained	2
E-12	0-0.25	Every Year	Moderately Well Drained	2
E-13	0-0.25	Every Year	Moderately Well Drained	2
E-14	0.25-2	Every Year	Imperfectly drained	3
E-15	0-0.25	Every Year	Moderately Well Drained	2
E-16	0-0.25	Every Year	Moderately Well Drained	2
E-17	0-0.25	Every Year	Moderately Well Drained	2
E-18	0-0.25	Every Year	Moderately Well Drained	2
E-19	0-0.25	Every Year	Moderately Well Drained	2
E-20	0-0.25	Every Year	Moderately Well Drained	2
E-21	0-0.25	Every Year	Moderately Well Drained	2

McKenzie LSC Assessment

ID	Lower depth	Texture	Erodibility class	Wind LSC
M1	10	ZCL	Low	2
M2	5	ZLC	Low	2
M3	5	ZCL	Low	2
M4	5	LC	Low	2
M5	10	CL	Low	2
M6	5	ZLC	Low	2
M7	5	LC	Low	2
M8	5	ZCL	Low	2
M9	7	LC	Low	2
M10	10	SCL	Low	2
M11	5	LMC	Low	2
M12	8	LC	Low	2
M13	18	MC	Low	2
M14	8	LC	Low	2
M15	8	SCL	Low	2
M16	8	LC	Low	2
M17	10	LC	Low	2
M18	8	LMC	Low	2
M19	10	LMC	Low	2
M20	8	LC	Low	2
M21	8	ZLC	Low	2
M22	12	LC	Low	2
M23	10	LMC	Low	2
M24	20	LC	Low	2
M25	20	LC	Low	2
M26	10	SCL	Low	2
M27	20	MC	Low	2
M28	5	LC	Low	2
M29	15	CL	Low	2
M30	8	LC	Low	2
M31	10	CL	Low	2
M32	10	LC	Low	2
M33	10	LC	Low	2
M34	8	MC	Low	2

SLR LSC Assessment according to the NSW LSC Assessment Scheme (Second Approximation)

Site	Wind erodibility class of surface soil	Wind erosive power	Exposure to wind	LSC
S-1	Low	Moderate	Moderate	2
S-2	Low	Moderate	Moderate	2
S-3	Low	Moderate	Moderate	2
S-4	Low	Moderate	Moderate	2
S-5	Low	Moderate	Moderate	2
S-6	Low	Moderate	Moderate	2
S-7	Low	Moderate	Moderate	2
S-8	Low	Moderate	Moderate	2

S-9	Low	Moderate	Moderate	2
S-10	Low	Moderate	Moderate	2
S-11	Low	Moderate	Moderate	2
S-12	Low	Moderate	Moderate	2
S-13	Low	Moderate	Moderate	2
S-14	Low	Moderate	Moderate	2
S-14/15	Low	Moderate	Moderate	2
S-15	Low	Moderate	Moderate	2
S-16	Low	Moderate	Moderate	2
S-17	Low	Moderate	Moderate	2
S-18	Low	Moderate	Moderate	2
S-19	Low	Moderate	Moderate	2
S-20	Low	Moderate	Moderate	2
S-21	Low	Moderate	Moderate	2
S-22	Low	Moderate	Moderate	2
S-23	Low	Moderate	Moderate	2
S-24	Low	Moderate	Moderate	2
S-25	Low	Moderate	Moderate	2
S-26	Low	Moderate	Moderate	2
S-27	Low	Moderate	Moderate	2
S-28	Low	Moderate	Moderate	2
S-29	Low	Moderate	Moderate	2
S-30	Low	Moderate	Moderate	2
S-31	Low	Moderate	Moderate	2
S-32	Low	Moderate	Moderate	2
S-33	Low	Moderate	Moderate	2
S-35	Low	Moderate	Moderate	2
S-36	Low	Moderate	Moderate	2
S-37	Low	Moderate	Moderate	2
S-38	Low	Moderate	Moderate	2
S-43	Low	Moderate	Moderate	2
S-44	Low	Moderate	Moderate	2
S-45	Low	Moderate	Moderate	2
S-46	Low	Moderate	Moderate	2
S-47	Low	Moderate	Moderate	2
S-48	Low	Moderate	Moderate	2
S-49H	Low	Moderate	Moderate	2
S-49P	Low	Moderate	Moderate	2
S-50	Low	Moderate	Moderate	2
S-51	Low	Moderate	Moderate	2
S-52	Low	Moderate	Moderate	2
S-54	Low	Moderate	Moderate	2
S-55	Low	Moderate	Moderate	2
S-56	Low	Moderate	Moderate	2
S-57	Low	Moderate	Moderate	2
S-58	Low	Moderate	Moderate	2
S-59	Low	Moderate	Moderate	2
S-60	Low	Moderate	Moderate	2
S-61	Low	Moderate	Moderate	2
S-62	Low	Moderate	Moderate	2
S-63	Low	Moderate	Moderate	2

S-64	Low	Moderate	Moderate	2
S-65	Low	Moderate	Moderate	2
S-66	Low	Moderate	Moderate	2
S-67	Low	Moderate	Moderate	2
S-68	Low	Moderate	Moderate	2
S-69	Low	Moderate	Moderate	2
S-70	Low	Moderate	Moderate	2
S-71	Low	Moderate	Moderate	2
S-72	Low	Moderate	Moderate	2
S-73	Low	Moderate	Moderate	2
S-74	Low	Moderate	Moderate	2
S-75	Low	Moderate	Moderate	2
S-76	Low	Moderate	Moderate	2
S-77	Low	Moderate	Moderate	2
S-78	Low	Moderate	Moderate	2
S-80	Low	Moderate	Moderate	2
S-81	Low	Moderate	Moderate	2
S-82	Low	Moderate	Moderate	2
S-83	Low	Moderate	Moderate	2
S-84	Low	Moderate	Moderate	2
S-85	Low	Moderate	Moderate	2
S-86	Low	Moderate	Moderate	2
S-87	Low	Moderate	Moderate	2
S-88	Low	Moderate	Moderate	2
B-5	High	Moderate	Moderate	5
B-6	Low	Moderate	Moderate	2
B-7	Low	Moderate	Moderate	2
B-8	Low	Moderate	Moderate	2
E1	Low	Moderate	Moderate	2
E2	Low	Moderate	Moderate	2
E3	Low	Moderate	Moderate	2
E4	Low	Moderate	Moderate	2
E5	Low	Moderate	Moderate	2
E6	Low	Moderate	Moderate	2
E7	Low	Moderate	Moderate	2
E8	Low	Moderate	Moderate	2
E9	Low	Moderate	Moderate	2
E10	Low	Moderate	Moderate	2
E11	Low	Moderate	Moderate	2
E12	Low	Moderate	Moderate	2
E13	Low	Moderate	Moderate	2
E14	Low	Moderate	Moderate	2
E15	Low	Moderate	Moderate	2
E16	Low	Moderate	Moderate	2
E17	Low	Moderate	Moderate	2
E18	Low	Moderate	Moderate	2
E19	Low	Moderate	Moderate	2
E20	Low	Moderate	Moderate	2
E21	Low	Moderate	Moderate	2

Lot and DP's for properties within the PAA

Lot number	Plan number
1	552475
1	807495
2	807495
33	748710
128	750926
166	750926
207	750926
250	750926
63	750926
5	750926
62	750926
167	750926
203	750926
61	750926
151	750915
41	750915
56	750915
90	750915
15	750931
28	750931
48	750931
91	750915
132	750931
136	750931
22	750931
49	750931
37	750915
57	750915
324	829973
40	750915
51	750915
115	750915
140	750915
33	750915
93	750915
144	750931
16	750931
69	750931
22	576069

3	998239
1014	806290
1	998239
2	998239
205	722407
2	584230
4	112742
312	543672
21	870608
3	585144
1	136249
1	584230
9	112742
1	183505
5	836268
2	136249
1	732125
6	114090
1	135041
5	114090
4	114090
3	114090
42	867036
1	34473
1	821142
1	170981
1	114101
4	114101
3	114101
151	750951
160	750951
22	825944
2	114101
134	750951
153	750951
162	750951
5	1000366
135	750951
150	750951
159	750951

177	750951
101	750951
152	750951
161	750951
1	504641
1	742324
1A	163181
41	867036
3	836268
2	836268
39	750915
39	750915
59	750926
59	750926
123	750915
123	750915
16	830934
16	830934
16	830934
16	830934
16	830934
16	830934
171	750926
171	750926
11	830934
11	830934
12	830934
12	830934
110	873834
2	33881
2	33881
2	33881
14	830934
14	830934
245	777225
245	777225
3	807495
3	807495
31	748710
31	748710
31	748710

72	750931
72	750931
11	732120
11	732120
32	748710
32	748710
1	33881
1	33881
15	830934
15	830934
233	750926
233	750926
13	830934
13	830934
100	774932
100	774932
100	774932
42	750915
42	750915
17	830934
17	830934
17	830934
133	750931
133	750931
142	750915
142	750915
1	715310
1	715310
3	584230
3	584230
1	625029
1	625029
23	825944
23	825944
181	750951
181	750951
181	750951
2	585144
2	585144
21	576069

206	725082
206	725082
2	21335
1	900094
1	900094
1	838220
1	838220
4	21335
4	21335
4	21335
4	21335
1	432670
1	432670
1	432670
1	432670
1	416437
1	416437
1	416437
2	838220
2	838220
121	853057
121	853057
10	861114
10	861114
4	584230
4	584230
1	501808
1	501808
178	750951
178	750951
40	827901
40	827901
1	836268
1	836268
2	625029
2	625029
20	1090871
20	1090871
1	1102585

2	1102585
6	1113991
3	1113991
1	1113991
4	1113991
2	1113991
5	1113991
101	1124883
101	1124883
101	1124883
101	1124883
101	1124883
102	1124883
2	1138239
2	1138239
3	1138239
3	1138239
101	1157712
101	1157712
101	1157712
101	1157712
101	1157712
101	1157712
102	1157712
102	1157712
102	1157712
102	1157712
102	1157712