

TABLE 3: Wholerock assay data for 13 samples from relinquished portions of project tenements (assays in % for oxides and LOI, remainder in ppm)

Name:	Motton Sp	Sprent Con	Sprent Con	Sprent Con	Tyndall Dacite	Tyndall Dacite	Diorite'	Diorite'	Diorite'	Vcl sandst	Vcl sandst	Andesite	Dacite
Number:	102	103	104	105	148	149	157	158	159	163	173	174	187
Locality:	West Gawler	Lolbolly Rd	Lolbolly Rd	Lolbolly Rd	Lower gorge	Lower gorge	Central gorge	Central gorge	Central gorge	Wilmot River	Leven Gorge	Upper gorge	Upper gorge
Easting	424464	425245	425480	425350	415600	415750	416250	416150	416925	429625	417750	417750	418300
Northing	5429906	5429795	5430335	5430555	5423025	5422750	5421300	5420925	5420125	5421650	5418300	5418150	5417000
SiO2	47.3	72.3	66.4	65.5	69	61.3	61	63	54.5	73.9	74.9	59.4	64
TiO2	1.8	0.34	0.86	0.78	0.53	0.45	0.77	0.79	0.77	0.36	0.18	0.55	0.83
Al2O3	13	13.9	8.9	9.07	15.1	13	14	14.4	18.1	11.2	12.4	16	17.3
Fe2O3	15.5	3.51	7.5	6.75	3.9	2.46	7.48	7.37	6.7	3.17	3.16	7.35	7.11
MnO	0.26	0.07	0.12	0.12	0.01	0.1	0.12	0.19	0.15	0.06	0.04	0.14	0.01
MgO	5.85	0.84	3.07	3.05	0.44	0.86	1.69	2	1.9	1.66	1.1	2.84	0.8
CaO	8.77	0.36	4.89	4.77	0.12	1.99	2.82	1.07	3.15	1.37	0.84	2.14	0.32
Na2O	3.59	7.28	2.9	2.72	0.35	2.84	3.52	3.84	6.01	5.04	3.35	5.23	0.1
K2O	0.33	0.21	0.68	0.97	9.45	4.42	4.09	4.63	3.17	0.26	1.76	2.61	7.52
P2O5	0.17	0.06	0.16	0.13	0.09	0.07	0.32	0.35	0.2	0.06	0.01	0.18	0.24
LOI	2.68	1.42	4.06	4.3	1.72	3.26	3.7	2.52	3.92	2.33	2.6	4.39	3.31
Ba	200	100	160	210	1600	1300	1450	1250	1200	<20	420	700	1800
Rb	9.5	1	17	29	270	160	96	110	68	8.5	72	64	200
Sr	210	58	92	110	52	130	175	105	220	135	36	58	26
Y	35	15	20	37	29	31	31	42	19	21	29	12	34
Nb	10	14	8	8	32	30	22	22	14	24.5	30	22	46
Zr	120	150	60	60	230	210	160	180	110	<20	140	100	250
Ni	60	4	46	62	2	<2	<2	<2	8	38	6	11	3
Cr	120	50	120	110	30	<20	<20	<20	<20	<20	30	30	20
As	<3	12	4	6	8	4	4	8	<3	20	<3	<3	6
Sb	<0.5	<0.5	<0.5	<0.5	14	1	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	3
Th	0.91	5.5	3.8	3.8	19	18.5	11.5	12	5	12	24.5	6	16
U	0.2	0.93	0.84	0.86	2.8	4.3	2.6	3.2	1.25	3.6	5.5	1.35	3.5
La	6.5	14	9.5	10.5	42	42.5	40.5	47	13.5	28.5	47.5	20.5	26.5
Nd	12.5	13	10.5	11.5	36	34.5	35.5	38	14	24.5	27	16	27
Ce	17.5	24.5	21	22	90	88	82	78	24.5	58	94	37	54
Sm	3.8	2.5	2.5	3	6	6	6.5	7	2.7	4.6	5	2.7	4.7
Eu	1.55	0.64	0.87	1	1.75	1.7	2.1	2.3	0.83	0.9	0.93	0.98	1.4
Gd	5.5	2.5	3.2	4.6	5.5	5.5	6.5	8	3.1	3.8	4.1	2.4	4.7
Tb	0.89	0.36	0.49	0.72	0.75	0.8	0.91	1.1	0.48	0.57	0.62	0.33	0.79
Yb	4.3	2.2	2.2	3.2	3.4	3.5	3.7	4.2	2.4	3.2	3.9	1.7	4.5
Tl	<0.1	<0.1	<0.1	0.2	2.9	0.9	0.3	0.3	0.4	<0.1	0.4	0.4	1.4
Cu	150	14	72	88	3	68	11	7	27	21	6	<2	32
Pb	6	30	14	14	18	8	<5	310	48	8	<5	<5	10
Zn	105	160	76	90	25	550	130	600	135	27	27	140	58
Au	0.003	0.001	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.003	0.003
S	800	1400	600	600	<100	300	200	<100	200	800	<100	<100	<100