



**BUREAU  
VERITAS**

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Reference: **aa024749.a**  
Date Finished: 21/07/2016  
Order: KSN0009/0010  
Project:  
Date Received: 07/07/2016  
Type of Sample: RAB\RC  
Samples Analysed: **41**

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**FINAL ANALYSIS REPORT**  
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**Analysis of Mineral Samples**

for

**Kingston Resources Limited**

25-27 Jewell Parade North Fremantle WA 6159

**Attention:** Mr Neil Chalmers

Authorised By:

Vaughn Noble  
Senior Chemist

Christopher Abbott  
Senior Chemist



Reference: aa024749.a Order Number: KSN0009/0010 Page 1 of 14

Method	PF102	PF102	PF102	PF102	PF102	PF101	PF102	PF102
Result Name	Ag	As	Ba	Be	Bi	Ca	Cd	Co
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	10	10	1	1	1000	10	10
5063	<5	<10	60	5	<1	<1000	<10	<10
5064	<5	<10	150	20	4	<1000	<10	<10
5065	<5	10	100	25	6	<1000	<10	<10
5066	<5	20	30	93	<1	<1000	<10	<10
5067	<5	20	160	13	<1	<1000	<10	<10
5068	<5	20	30	2	14	7.50%	<10	<10
5069	<5	20	<10	7230	11	<1000	<10	<10
5070	<5	10	<10	5560	11	<1000	<10	<10
5071	<5	20	130	1.23%	7	<1000	<10	<10
5072	<5	20	20	1910	2	<1000	<10	<10
5073	<5	20	20	78	6	<1000	<10	<10
5074	<5	40	<10	17	<1	<1000	<10	<10
5075	<5	40	30	25	<1	<1000	<10	<10
5076	<5	30	<10	1900	<1	<1000	<10	<10
5077	<5	20	30	13	2	<1000	<10	<10
5078	<5	10	70	52	<1	<1000	<10	<10
5079	<5	20	70	11	<1	1000	<10	<10
5080	<5	30	70	13	<1	2000	<10	<10
5081	<5	30	<10	3	<1	<1000	<10	<10
5082	<5	10	50	3	<1	<1000	<10	<10
5083	<5	20	<10	3	6	<1000	<10	<10
5084	<5	20	470	2	<1	<1000	<10	<10
5085	<5	20	570	3	<1	<1000	<10	<10
5086	<5	30	50	8	<1	1000	<10	<10
5087	<5	20	40	8	4	9.00%	<10	<10
5088	<5	30	90	62	6	4000	<10	<10
5089	<5	20	230	4	<1	4000	<10	<10
5090	<5	20	130	7	<1	2000	<10	<10
5091	<5	20	40	2	<1	4000	<10	<10
5092	<5	20	40	2	5	2000	<10	<10
5093	<5	30	120	<1	<1	3.30%	<10	<10
5094	<5	30	50	12	5	2000	<10	<10
5101	<5	20	190	<1	<1	<1000	<10	<10
5102	<5	30	160	270	<1	3000	<10	<10
5103	<5	20	40	145	<1	4000	<10	<10
5104	<5	20	20	115	<1	1000	<10	<10
5105	<5	20	40	18	<1	<1000	<10	<10
5106	<5	30	40	5	<1	<1000	<10	<10
5107	<5	20	90	4	<1	1000	<10	<10
5108	<5	30	80	<1	<1	<1000	<10	<10



Reference: aa024749.a Order Number: KSN0009/0010 Page 2 of 14

Method	PF102	PF102	PF102	PF102	PF102	PF101	PF102	PF102
Result Name	Ag	As	Ba	Be	Bi	Ca	Cd	Co
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	10	10	1	1	1000	10	10
5109	<5	20	90	<1	<1	<1000	<10	<10

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Reference: aa024749.a Order Number: KSN0009/0010 Page 3 of 14

Method	PF101	PF102	PF102	PF101	PF102	PF102	PF102	PF101
Result Name	Cr	Cs	Cu	Fe	Ge	Hf	In	K
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	50	1	10	100	20	2	0.2	1000
5063	<50	616	<10	7900	<20	<2	<0.2	1.90%
5064	<50	2460	<10	1.18%	<20	<2	<0.2	6.30%
5065	<50	1900	<10	9600	<20	<2	<0.2	6.10%
5066	<50	195	20	1.04%	<20	<2	<0.2	5000
5067	<50	2000	<10	1.12%	40	<2	<0.2	5.50%
5068	<50	10	<10	4.41%	<20	<2	<0.2	<1000
5069	<50	4830	<10	5400	<20	<2	<0.2	1000
5070	<50	3590	<10	8800	40	<2	<0.2	<1000
5071	<50	8240	<10	8100	<20	<2	<0.2	4000
5072	<50	1280	<10	1.06%	<20	<2	<0.2	1000
5073	<50	202	<10	2.44%	<20	8	<0.2	7.60%
5074	<50	22	<10	8300	<20	16	<0.2	<1000
5075	<50	29	<10	9800	<20	<2	<0.2	3000
5076	<50	40	<10	1.17%	<20	<2	<0.2	<1000
5077	<50	148	<10	7700	<20	<2	<0.2	4000
5078	<50	3	<10	9000	<20	<2	<0.2	1000
5079	<50	25	<10	8500	<20	<2	<0.2	3.40%
5080	<50	19	<10	6200	<20	<2	<0.2	2.30%
5081	<50	7	<10	8400	<20	<2	<0.2	1000
5082	<50	406	<10	1600	<20	<2	<0.2	10.6%
5083	<50	26	<10	6400	<20	<2	<0.2	5000
5084	<50	42	<10	2700	<20	<2	<0.2	8.80%
5085	<50	83	<10	2500	<20	<2	<0.2	8.50%
5086	<50	7	<10	1.15%	<20	<2	<0.2	2.20%
5087	<50	3	<10	9900	<20	<2	<0.2	2000
5088	<50	8	<10	4500	<20	<2	<0.2	1.40%
5089	<50	2	<10	5900	<20	<2	<0.2	2.00%
5090	<50	2	<10	5000	<20	<2	<0.2	2.00%
5091	<50	1	20	4200	<20	<2	<0.2	3.60%
5092	<50	5	20	5400	<20	<2	<0.2	5.00%
5093	<50	1	<10	9500	<20	<2	<0.2	3.30%
5094	<50	20	<10	1.31%	<20	4	<0.2	3.50%
5101	<50	2	<10	4.45%	<20	<2	<0.2	2.50%
5102	<50	85	<10	4800	<20	<2	<0.2	1.30%
5103	<50	206	<10	5300	<20	<2	1.8	3.80%
5104	<50	23	20	1.66%	<20	<2	<0.2	7000
5105	<50	89	<10	2.35%	<20	<2	0.8	9.40%
5106	<50	28	<10	9300	<20	<2	<0.2	6.90%
5107	<50	16	<10	8300	<20	<2	<0.2	3.30%
5108	<50	<1	<10	9200	<20	<2	<0.2	<1000



Reference: aa024749.a Order Number: KSN0009/0010 Page 4 of 14

Method	PF101	PF102	PF102	PF101	PF102	PF102	PF102	PF101
Result Name	Cr	Cs	Cu	Fe	Ge	Hf	In	K
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	50	1	10	100	20	2	0.2	1000
5109	<50	<1	<10	1.77%	<20	<2	<0.2	<1000

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Reference: aa024749.a Order Number: KSN0009/0010 Page 5 of 14

Method	PF101	PF101	PF101	PF102	PF102	PF102	PF101	PF102
Result Name	Li	Mg	Mn	Mo	Nb	Ni	P	Pb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	10	100	10	5	5	20	100	20
5063	210	700	140	<5	20	<20	<100	<20
5064	730	2200	370	<5	80	<20	<100	<20
5065	220	700	460	<5	150	<20	<100	<20
5066	40	300	130	<5	10	<20	<100	<20
5067	660	2600	380	<5	70	<20	<100	<20
5068	<10	1300	860	<5	<5	<20	400	60
5069	790	<100	110	<5	25	<20	<100	<20
5070	620	<100	800	<5	210	<20	<100	<20
5071	1320	300	110	<5	15	<20	<100	<20
5072	240	<100	120	<5	<5	<20	<100	<20
5073	330	3900	560	<5	310	<20	<100	<20
5074	20	200	100	<5	10	<20	<100	<20
5075	30	400	110	<5	15	<20	<100	<20
5076	10	<100	130	<5	<5	<20	<100	<20
5077	200	<100	320	<5	310	<20	<100	<20
5078	<10	200	310	<5	<5	<20	<100	<20
5079	30	500	510	<5	10	<20	300	<20
5080	<10	300	510	<5	<5	<20	300	<20
5081	<10	<100	90	<5	<5	<20	<100	<20
5082	<10	<100	30	<5	<5	<20	700	40
5083	<10	<100	80	<5	30	<20	<100	<20
5084	<10	<100	40	<5	<5	<20	200	60
5085	<10	400	60	<5	<5	<20	200	60
5086	<10	900	310	<5	25	<20	300	<20
5087	<10	<100	1.02%	<5	<5	<20	4.29%	60
5088	<10	<100	590	<5	20	<20	800	60
5089	<10	900	90	<5	<5	<20	500	40
5090	<10	400	110	<5	10	<20	<100	40
5091	<10	300	310	<5	10	<20	2000	60
5092	<10	200	160	<5	<5	<20	100	80
5093	<10	2100	300	<5	20	<20	1.64%	<20
5094	30	1000	3580	<5	35	<20	400	<20
5101	<10	200	110	<5	<5	20	<100	<20
5102	<10	800	560	<5	70	<20	1100	<20
5103	40	<100	570	<5	70	<20	2400	<20
5104	<10	200	1570	<5	145	<20	1000	<20
5105	270	1600	460	<5	120	<20	100	<20
5106	<10	300	170	<5	60	40	600	<20
5107	<10	700	280	<5	20	<20	500	<20
5108	<10	<100	510	<5	<5	<20	<100	<20



Reference: aa024749.a Order Number: KSN0009/0010 Page 6 of 14

Method	PF101	PF101	PF101	PF102	PF102	PF102	PF101	PF102
Result Name	Li	Mg	Mn	Mo	Nb	Ni	P	Pb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	10	100	10	5	5	20	100	20
5109	<10	<100	100	<5	<5	<20	<100	<20

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Reference: aa024749.a Order Number: KSN0009/0010 Page 7 of 14

Method	PF102	PF102	PF101	PF101	PF101	PF102	PF102	PF102
Result Name	Rb	Re	S	Sc	Si	Sn	Sr	Ta
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.5	1	100	10	100	10	1	0.5
5063	1820	<1	<100	<10	42.7%	<10	2	18.0
5064	6900	<1	<100	<10	24.0%	<10	3	70.0
5065	9250	<1	<100	<10	23.4%	<10	15	177
5066	488	<1	<100	<10	43.0%	<10	2	7.5
5067	6170	<1	<100	<10	32.0%	<10	5	52.0
5068	16.0	<1	<100	40	31.9%	<10	257	<0.5
5069	252	<1	<100	<10	43.3%	<10	3	410
5070	167	<1	<100	<10	43.1%	<10	4	5540
5071	679	<1	<100	<10	41.9%	<10	5	41.0
5072	81.0	<1	<100	<10	48.0%	<10	2	52.0
5073	3030	<1	<100	<10	22.5%	<10	34	74.0
5074	30.0	<1	<100	<10	47.2%	<10	<1	3.0
5075	99.0	<1	<100	<10	44.2%	<10	7	3.0
5076	14.0	<1	<100	<10	48.4%	<10	3	1.0
5077	502	<1	<100	<10	40.5%	<10	3	781
5078	8.0	<1	<100	<10	45.1%	<10	4	3.0
5079	472	<1	<100	<10	35.3%	<10	10	5.0
5080	343	<1	<100	<10	37.2%	<10	12	1.0
5081	21.0	<1	<100	<10	42.4%	<10	<1	1.0
5082	4340	<1	<100	<10	30.9%	<10	12	1.0
5083	249	<1	<100	<10	42.5%	30	3	46.0
5084	655	<1	<100	<10	32.5%	<10	54	<0.5
5085	1010	<1	<100	<10	27.9%	20	81	1.5
5086	224	<1	<100	<10	39.1%	30	6	<0.5
5087	20.5	<1	<100	<10	24.0%	<10	35	3.0
5088	198	<1	<100	<10	32.1%	20	24	7.0
5089	112	<1	<100	<10	33.6%	<10	57	<0.5
5090	111	<1	<100	<10	29.0%	<10	31	<0.5
5091	209	<1	<100	<10	27.6%	<10	10	<0.5
5092	260	<1	<100	<10	31.4%	<10	16	5.0
5093	202	<1	<100	<10	33.9%	10	8	<0.5
5094	337	<1	<100	<10	38.0%	40	6	9.0
5101	118	<1	<100	<10	44.3%	<10	8	<0.5
5102	556	<1	<100	<10	31.9%	140	55	98.0
5103	1420	<1	<100	<10	37.5%	2340	26	97.5
5104	299	<1	<100	<10	36.8%	100	14	48.5
5105	2020	<1	<100	10	23.4%	480	5	21.0
5106	800	<1	<100	<10	32.0%	100	7	22.5
5107	400	<1	<100	<10	35.1%	90	10	2.5
5108	7.0	<1	<100	<10	46.5%	<10	<1	<0.5





Reference: aa024749.a Order Number: KSN0009/0010 Page 8 of 14

Method	PF102	PF102	PF101	PF101	PF101	PF102	PF102	PF102
Result Name	Rb	Re	S	Sc	Si	Sn	Sr	Ta
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.5	1	100	10	100	10	1	0.5
5109	8.0	<1	<100	<10	42.7%	<10	<1	<0.5

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Reference: aa024749.a Order Number: KSN0009/0010 Page 9 of 14

Method	PF102	PF101	PF102	PF102	PF101	PF102	PF102	PF101
Result Name	Th	Ti	Tl	U	V	W	Y	Zn
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.5	100	2	0.5	50	5	1	50
5063	<0.5	400	16	<0.5	<50	<5	<1	100
5064	<0.5	1300	64	<0.5	<50	10	<1	450
5065	1.0	500	66	5.0	<50	5	4	550
5066	<0.5	100	6	<0.5	<50	<5	<1	<50
5067	<0.5	1100	58	<0.5	<50	5	<1	450
5068	2.5	500	<2	<0.5	150	20	96	<50
5069	1.0	<100	2	7.0	<50	<5	<1	150
5070	<0.5	<100	<2	4.5	<50	15	<1	150
5071	<0.5	<100	6	<0.5	<50	<5	<1	150
5072	<0.5	<100	<2	3.5	<50	<5	<1	<50
5073	5.5	500	12	6.5	<50	15	18	150
5074	<0.5	<100	<2	<0.5	<50	<5	48	<50
5075	<0.5	<100	<2	0.5	<50	10	5	<50
5076	<0.5	<100	<2	<0.5	<50	<5	<1	<50
5077	<0.5	<100	2	3.0	<50	<5	2	<50
5078	0.5	<100	<2	<0.5	<50	<5	<1	<50
5079	1.0	<100	2	<0.5	<50	<5	6	<50
5080	1.0	<100	<2	4.0	<50	<5	7	<50
5081	<0.5	<100	<2	<0.5	<50	<5	2	<50
5082	<0.5	<100	16	<0.5	<50	<5	2	<50
5083	<0.5	<100	<2	2.0	<50	<5	<1	<50
5084	<0.5	<100	2	<0.5	<50	<5	2	<50
5085	2.5	<100	4	1.0	<50	<5	9	<50
5086	4.5	200	<2	2.0	<50	<5	9	<50
5087	20.0	<100	<2	9.5	<50	<5	873	<50
5088	3.5	<100	<2	1.0	<50	<5	16	<50
5089	1.0	<100	<2	0.5	<50	<5	8	<50
5090	3.0	<100	<2	2.0	<50	<5	8	<50
5091	11.0	<100	<2	7.0	<50	<5	63	<50
5092	5.0	<100	<2	4.5	<50	<5	16	<50
5093	2.5	600	<2	6.0	<50	10	262	<50
5094	8.5	<100	<2	3.0	<50	<5	24	<50
5101	1.5	<100	<2	2.5	<50	5	11	<50
5102	3.0	<100	2	4.5	<50	530	3	<50
5103	2.0	<100	6	4.5	<50	20	5	<50
5104	3.0	<100	<2	9.0	<50	10	6	<50
5105	38.5	600	6	4.0	<50	170	8	<50
5106	3.0	<100	4	9.0	<50	1240	7	<50
5107	1.5	<100	2	2.5	<50	35	12	<50
5108	<0.5	<100	<2	1.0	<50	10	<1	<50



Reference: aa024749.a Order Number: KSN0009/0010 Page 10 of 14

Method	PF102	PF101	PF102	PF102	PF101	PF102	PF102	PF101
Result Name	Th	Ti	Tl	U	V	W	Y	Zn
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.5	100	2	0.5	50	5	1	50
5109	<0.5	<100	<2	<0.5	<50	25	<1	<50

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Reference: aa024749.a Order Number: KSN0009/0010 Page 11 of 14

Method	PF102	PF102	PF102	PF102	PF102	PF102	PF102	PF102
Result Name	Zr	Ce	La	Pr	Nd	Sm	Eu	Gd
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	10	0.5	0.5	0.2	0.5	0.5	0.2	2
5063	20	2.0	1.0	<0.2	<0.5	<0.5	<0.2	<2
5064	<10	5.5	1.0	<0.2	<0.5	<0.5	<0.2	<2
5065	30	9.5	5.0	1.2	4.5	1.0	<0.2	<2
5066	<10	3.0	1.0	<0.2	<0.5	<0.5	<0.2	<2
5067	<10	4.0	1.5	0.4	1.0	<0.5	<0.2	<2
5068	<10	38.5	17.5	4.2	17.5	6.5	2.8	12
5069	60	3.0	1.0	<0.2	1.0	<0.5	<0.2	<2
5070	<10	2.5	1.0	<0.2	<0.5	<0.5	<0.2	<2
5071	<10	2.0	1.0	<0.2	<0.5	<0.5	<0.2	<2
5072	<10	4.0	1.0	<0.2	1.5	<0.5	<0.2	<2
5073	100	7.5	2.0	2.0	14.5	5.5	1.4	10
5074	630	<0.5	<0.5	<0.2	<0.5	<0.5	<0.2	<2
5075	<10	1.5	<0.5	<0.2	1.5	<0.5	<0.2	<2
5076	<10	5.0	2.0	0.6	2.0	<0.5	<0.2	<2
5077	30	1.0	<0.5	<0.2	<0.5	<0.5	<0.2	<2
5078	<10	8.5	2.0	0.4	1.5	<0.5	<0.2	<2
5079	<10	6.0	6.0	1.2	4.5	1.0	<0.2	<2
5080	<10	2.5	1.5	0.4	1.5	<0.5	<0.2	<2
5081	<10	1.5	<0.5	<0.2	<0.5	<0.5	<0.2	<2
5082	10	8.0	3.0	0.8	3.0	<0.5	<0.2	<2
5083	30	1.0	<0.5	<0.2	<0.5	<0.5	<0.2	<2
5084	<10	3.5	2.0	0.4	1.5	<0.5	<0.2	<2
5085	<10	10.0	6.0	1.4	4.5	1.5	0.6	<2
5086	<10	7.5	3.5	1.0	3.0	1.5	<0.2	<2
5087	20	244	90.5	32.2	114	86.0	2.4	134
5088	<10	5.0	2.5	0.8	2.5	2.0	<0.2	2
5089	<10	6.0	3.0	0.8	3.5	2.0	<0.2	2
5090	<10	6.5	4.0	1.0	3.0	1.0	<0.2	<2
5091	50	29.5	12.5	4.0	14.0	9.0	<0.2	14
5092	<10	11.5	6.0	1.2	3.5	2.0	<0.2	2
5093	110	73.0	23.0	11.4	55.0	40.0	0.6	60
5094	30	12.0	6.0	1.4	4.5	2.5	<0.2	2
5101	<10	13.0	6.0	1.6	5.5	1.5	<0.2	<2
5102	20	3.0	1.0	0.4	1.5	<0.5	<0.2	<2
5103	30	2.5	3.5	0.6	2.5	<0.5	<0.2	<2
5104	60	4.0	2.0	0.6	2.0	1.0	<0.2	<2
5105	40	37.0	16.0	4.0	13.5	3.0	<0.2	2
5106	40	10.5	6.0	1.4	4.5	1.5	<0.2	<2
5107	20	8.0	5.0	1.2	4.0	1.0	<0.2	<2
5108	<10	3.0	<0.5	<0.2	<0.5	<0.5	<0.2	<2



Reference: aa024749.a Order Number: KSN0009/0010 Page 12 of 14

Method	PF102	PF102	PF102	PF102	PF102	PF102	PF102	PF102
Result Name	Zr	Ce	La	Pr	Nd	Sm	Eu	Gd
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	10	0.5	0.5	0.2	0.5	0.5	0.2	2
5109	<10	1.5	1.0	<0.2	<0.5	<0.5	<0.2	<2

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Reference: aa024749.a Order Number: KSN0009/0010 Page 13 of 14

Method	PF102	PF102	PF102	PF102	PF102	PF102	PF102
Result Name	Tb	Dy	Ho	Er	Tm	Yb	Lu
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.5	0.2	0.5	0.2	0.5	0.2
5063	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5064	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5065	<0.2	1.0	<0.2	<0.5	<0.2	<0.5	<0.2
5066	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5067	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5068	2.4	16.5	3.4	10.0	1.2	9.0	1.4
5069	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5070	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5071	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5072	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5073	1.2	5.5	0.8	2.0	<0.2	2.0	0.2
5074	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5075	<0.2	1.0	<0.2	<0.5	<0.2	<0.5	<0.2
5076	<0.2	1.0	0.2	1.0	<0.2	1.0	<0.2
5077	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5078	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5079	0.2	1.0	<0.2	<0.5	<0.2	<0.5	<0.2
5080	<0.2	1.0	<0.2	<0.5	<0.2	1.0	<0.2
5081	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5082	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5083	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5084	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5085	0.2	1.5	<0.2	1.0	<0.2	1.0	<0.2
5086	0.4	2.0	<0.2	1.0	<0.2	<0.5	<0.2
5087	36.6	173	19.6	38.0	3.6	20.0	1.6
5088	0.6	3.5	<0.2	1.0	<0.2	<0.5	<0.2
5089	0.4	2.0	<0.2	<0.5	<0.2	<0.5	<0.2
5090	0.2	1.5	<0.2	<0.5	<0.2	<0.5	<0.2
5091	2.8	13.5	1.6	4.0	0.4	3.0	0.2
5092	0.6	3.0	<0.2	1.5	<0.2	2.0	<0.2
5093	11.6	58.0	8.0	17.0	1.4	7.5	0.8
5094	0.8	4.0	0.6	2.0	<0.2	2.0	<0.2
5101	0.2	2.0	<0.2	1.5	<0.2	1.5	0.2
5102	<0.2	0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5103	<0.2	0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5104	<0.2	1.0	<0.2	<0.5	<0.2	<0.5	<0.2
5105	0.4	2.0	<0.2	1.0	<0.2	1.5	0.2
5106	0.2	1.5	<0.2	<0.5	<0.2	1.0	<0.2
5107	0.2	2.0	<0.2	1.0	<0.2	1.5	0.2
5108	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2



Reference: aa024749.a Order Number: KSN0009/0010 Page 14 of 14

Method	PF102	PF102	PF102	PF102	PF102	PF102	PF102
Result Name	Tb	Dy	Ho	Er	Tm	Yb	Lu
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.5	0.2	0.5	0.2	0.5	0.2
5109	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2

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These results pertain to the samples as received at this laboratory.  
 Where standards are reported, the nominal value for the element is reported above the result found.

"%" Implies this result reported in %

**Sample Storage**  
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The excess material (Residue) will be returned after 30 days  
 The pulp samples (Pulp) will be returned after 60 days as per instructions.

**Sample Preparation**  
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**Digest and Analysis:**  
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The samples have been fused with Sodium Peroxide and subsequently the melt has been dissolved in dilute Hydrochloric acid for analysis. Because of the high furnace temperatures, volatile elements are lost. This procedure is particularly efficient for determination of Major element composition (including Silica) in the samples or for the determination of refractory mineral species.

Ca,Cr,Fe,K,Li,Mg,Mn,P,S,Sc,Si,Ti,V,Zn  
 have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.  
 Ag,As,Ba,Be,Bi,Cd,Ce,Co,Cs,Cu,Dy,Er,Eu,Gd,Ge,Hf,Ho,In,La,Lu,Mo,Nb,Nd,Ni,Pb,Pr,Rb,Re,Sm,Sn,Sr,Ta,Tb,Th,Tl,Tm,U,W,Y,Yb,Zr  
 have been determined by Inductively Coupled Plasma (ICP) Mass Spectrometry.