



**BUREAU
VERITAS**

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Reference: **aa021722**
Date Finished: 19/04/2016
Order: KSN0005
Project:
Date Received: 01/04/2016
Type of Sample: RAB\RC
Samples Analysed: **18**

FINAL ANALYSIS REPORT

Analysis of Mineral Samples

for

Kingston Resources Limited

25-27 Jewell Parade North Fremantle WA 6159

Attention: Mr Stuart Rechner

Authorised By:

Brett Day
ICP Manager

Christopher Abbott
Senior Chemist



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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
5023	<5	<10	90	4	6	4000	<10	<10
5024	<5	<10	40	3	<1	<1000	<10	<10
5025	<5	<10	30	3	2	<1000	<10	<10
5026	<5	<10	650	3	<1	2000	<10	<10
5027	<5	<10	140	4	<1	<1000	<10	<10
5028	<5	<10	10	<1	<1	<1000	<10	<10
5029	<5	<10	100	<1	<1	<1000	<10	<10
5030	<5	<10	400	6	<1	4000	<10	<10
5031	<5	<10	40	2	4	<1000	<10	<10
5032	<5	<10	130	9	<1	1.10%	<10	<10
5033	<5	<10	120	11	<1	1.10%	<10	<10
5035	<5	<10	120	3	<1	<1000	<10	<10
5036	<5	<10	110	3	<1	<1000	<10	<10
5037	<5	<10	10	<1	<1	<1000	<10	<10
5039	<5	<10	90	7	16	2000	<10	<10
5040	<5	<10	50	7	2	4000	<10	<10
5041	<5	<10	370	35	<1	2000	<10	<10
5042	<5	<10	150	2	<1	2000	<10	<10



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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
5023	<50	40	<10	1.56%	<20	<2	<0.2	3.00%
5024	<50	32	<10	2.19%	<20	<2	0.6	3.70%
5025	<50	42	<10	24.4%	<20	<2	0.6	2.00%
5026	<50	90	<10	7.75%	<20	6	<0.2	3.80%
5027	<50	12	<10	5.21%	<20	<2	0.6	3.60%
5028	<50	<1	<10	1.21%	<20	<2	<0.2	<1000
5029	<50	28	<10	7400	<20	<2	<0.2	7.70%
5030	<50	18	<10	2.28%	<20	<2	<0.2	5.40%
5031	<50	97	<10	1.28%	<20	<2	<0.2	8.10%
5032	<50	<1	<10	5800	<20	<2	<0.2	6000
5033	<50	<1	<10	8600	<20	<2	<0.2	6000
5035	<50	35	<10	2.23%	<20	<2	<0.2	3.70%
5036	<50	24	<10	2.18%	<20	<2	<0.2	3.80%
5037	<50	<1	<10	1.42%	<20	<2	<0.2	<1000
5039	<50	40	<10	1.84%	<20	<2	<0.2	2.40%
5040	<50	17	<10	9500	<20	<2	<0.2	2.80%
5041	<50	29	<10	8800	<20	<2	<0.2	1.50%
5042	<50	13	<10	8600	<20	<2	<0.2	6.90%



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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
5023	40	500	1640	<5	30	<20	500	<20
5024	60	1800	250	<5	100	<20	100	<20
5025	30	800	370	<5	55	60	200	<20
5026	120	2.56%	970	<5	<5	<20	800	<20
5027	50	1900	200	<5	100	<20	300	<20
5028	<10	<100	120	<5	<5	<20	<100	<20
5029	110	100	110	<5	<5	<20	200	60
5030	<10	100	220	<5	<5	<20	400	40
5031	<10	600	170	<5	30	<20	300	<20
5032	<10	100	180	<5	15	<20	100	40
5033	<10	300	170	<5	<5	<20	100	60
5035	140	2500	190	<5	40	<20	<100	<20
5036	140	3300	260	<5	40	<20	100	<20
5037	<10	<100	140	<5	<5	<20	100	<20
5039	100	1200	410	<5	80	<20	400	<20
5040	50	700	700	<5	15	<20	300	<20
5041	20	500	140	<5	45	<20	400	<20
5042	<10	300	130	<5	10	<20	400	40



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Method	PF102	PF101	PF101	PF101	PF102	PF102	PF102	PF102
Result Name	Rb	S	Sc	Si	Sn	Sr	Ta	Th
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.5	100	10	100	10	1	0.5	0.5
5023	411	<100	<10	34.4%	30	7	3.0	7.0
5024	585	<100	50	33.2%	280	2	9.0	18.5
5025	335	<100	40	23.8%	260	<1	6.0	5.0
5026	604	<100	20	27.5%	<10	15	<0.5	15.0
5027	423	<100	80	32.9%	380	6	11.0	42.5
5028	<0.5	<100	<10	47.9%	<10	<1	<0.5	<0.5
5029	625	<100	<10	32.4%	<10	15	<0.5	0.5
5030	406	<100	<10	33.3%	<10	18	20.5	20.5
5031	932	100	<10	35.6%	<10	3	10.0	1.0
5032	25.0	<100	<10	40.7%	<10	52	2.0	1.5
5033	30.5	<100	<10	38.5%	<10	59	<0.5	0.5
5035	399	<100	<10	38.6%	<10	5	14.5	1.0
5036	299	<100	<10	38.0%	<10	4	4.0	3.0
5037	<0.5	<100	<10	50.0%	<10	3	<0.5	<0.5
5039	553	<100	<10	36.0%	<10	6	19.5	1.0
5040	298	<100	<10	33.6%	<10	5	5.5	3.0
5041	428	700	<10	36.4%	<10	34	59.0	1.0
5042	538	<100	<10	31.0%	20	16	<0.5	2.0



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Method	PF101	PF102	PF102	PF101	PF102	PF102	PF101	PF102
Result Name	Ti	Tl	U	V	W	Y	Zn	Zr
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	100	2	0.5	50	5	1	50	10
5023	100	<2	2.0	<50	45	19	<50	20
5024	900	<2	2.0	<50	100	57	<50	30
5025	2100	<2	3.0	<50	55	8	250	<10
5026	7500	<2	4.5	100	10	42	100	180
5027	1400	<2	6.5	<50	95	133	100	20
5028	<100	<2	<0.5	<50	<5	<1	<50	<10
5029	<100	<2	<0.5	<50	<5	<1	<50	<10
5030	300	<2	5.5	<50	<5	42	<50	60
5031	200	<2	3.0	<50	<5	3	<50	<10
5032	<100	<2	3.0	<50	<5	9	<50	30
5033	<100	<2	<0.5	<50	<5	5	<50	<10
5035	500	<2	<0.5	<50	30	<1	<50	<10
5036	900	<2	<0.5	<50	60	14	<50	<10
5037	<100	<2	1.5	<50	<5	<1	<50	<10
5039	300	<2	<0.5	<50	10	<1	100	20
5040	100	<2	1.5	<50	<5	14	<50	20
5041	100	<2	<0.5	<50	<5	6	<50	20
5042	200	<2	<0.5	<50	<5	4	<50	<10



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Method	PF102	PF102	PF102	PF102	PF102	PF102	PF102	PF102
Result Name	Ce	La	Pr	Nd	Sm	Eu	Gd	Tb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.5	0.5	0.2	0.5	0.5	0.2	2	0.2
5023	16.5	6.5	2.0	7.5	3.0	<0.2	2	0.4
5024	27.0	11.5	3.6	12.5	4.5	<0.2	8	1.4
5025	2.0	0.5	0.2	1.5	1.0	<0.2	<2	<0.2
5026	108	51.0	13.2	47.5	10.0	2.2	12	1.6
5027	52.5	24.0	6.8	25.0	9.5	0.8	16	3.2
5028	<0.5	<0.5	<0.2	<0.5	<0.5	<0.2	<2	<0.2
5029	6.5	3.0	<0.2	<0.5	<0.5	0.4	<2	<0.2
5030	41.0	19.5	4.4	15.5	5.5	0.6	8	1.4
5031	10.5	6.0	0.4	1.5	1.0	<0.2	<2	<0.2
5032	5.0	2.0	<0.2	<0.5	<0.5	<0.2	<2	<0.2
5033	5.5	2.0	<0.2	<0.5	<0.5	<0.2	<2	<0.2
5035	4.0	2.0	<0.2	<0.5	<0.5	<0.2	<2	<0.2
5036	16.0	6.5	1.6	6.5	2.5	0.4	2	0.4
5037	5.5	2.5	<0.2	<0.5	<0.5	<0.2	<2	<0.2
5039	2.5	1.0	<0.2	<0.5	<0.5	<0.2	<2	<0.2
5040	9.5	3.5	0.4	3.0	2.0	<0.2	<2	0.4
5041	5.5	2.5	0.2	3.0	1.5	0.4	<2	<0.2
5042	6.5	3.5	0.2	1.5	1.0	0.4	<2	<0.2



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Method	PF102	PF102	PF102	PF102	PF102	PF102
Result Name	Dy	Ho	Er	Tm	Yb	Lu
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.5	0.2	0.5	0.2	0.5	0.2
5023	4.0	0.6	2.0	<0.2	5.0	0.8
5024	9.5	1.8	6.0	<0.2	7.5	1.6
5025	1.5	<0.2	1.0	<0.2	1.5	<0.2
5026	8.0	1.4	5.0	<0.2	4.0	0.6
5027	21.5	4.0	13.5	1.2	17.0	3.0
5028	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5029	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5030	7.5	1.4	4.5	<0.2	5.0	0.8
5031	1.0	<0.2	<0.5	<0.2	<0.5	<0.2
5032	2.0	0.4	1.0	<0.2	1.0	<0.2
5033	1.0	<0.2	<0.5	<0.2	1.0	<0.2
5035	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5036	3.0	0.4	1.5	<0.2	2.0	<0.2
5037	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5039	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2
5040	3.0	0.4	1.5	<0.2	3.0	0.4
5041	1.5	<0.2	1.0	<0.2	1.0	<0.2
5042	1.0	<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

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

Digest and Analysis:

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,Sm,Sn,Sr,Ta,Tb,Th,Tl,Tm,U,W,Y,Yb,Zr

have been determined by Inductively Coupled Plasma (ICP) Mass Spectrometry.