

Customer: **SGS Minerals Services**
185 Concession Street, Lakefield, ON K0L 2H0 CANADA
Date: 24-Sep-2013
Customer ID: **Graphite**
14119-001-HF-2RES A

P.O.# **122939**
Job # **S0DKG067**
Sample ID: **S130923051**

[Rev: 2013-09-24 10:36:20]

Element	Concentration [ppm wt]	Element	Concentration [ppm wt]
Li	0.11	Ag	< 0.1
Be	< 0.05	Cd	< 1
B	< 0.05	In	Binder
C	Matrix	Sn	< 1
F	=< 200	Sb	< 1
Na	96	Te	< 0.5
Mg	210	I	=< 5
Al	220	Cs	< 0.1
Si	7.4	Ba	3.5
P	< 0.1	La	=< 5
S	55	Ce	=< 5
Cl	0.54	Pr	=< 0.5
K	< 0.1	Nd	0.22
Ca	19	Sm	0.17
Sc	0.12	Eu	< 0.05
Ti	0.11	Gd	0.38
V	< 0.05	Tb	0.12
Cr	< 1	Dy	0.33
Mn	0.21	Ho	0.09
Fe	25	Er	0.35
Co	< 0.05	Tm	< 0.05
Ni	0.34	Yb	0.57
Cu	1.2	Lu	< 0.05
Zn	0.19	Hf	< 0.05
Ga	< 0.5	Ta	< 100
Ge	< 1	W	< 0.05
As	0.15	Re	< 0.05
Se	< 0.5	Os	< 0.05
Br	< 0.1	Ir	< 0.05
Rb	< 0.1	Pt	< 0.5
Sr	0.17	Au	< 0.5
Y	4.2	Hg	< 0.5
Zr	0.33	Tl	< 0.05
Nb	< 0.5	Pb	0.25
Mo	< 0.1	Bi	< 0.05
Ru	< 0.5	Th	0.02
Rh	< 0.1	U	< 0.01
Pd	< 0.5		

ISO 17025



Testing Cert. #2797.03

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Analyzed according to WI F rev. 12/06/12
Reviewed by _____

J.SCHIEBLER (Analyst)



Customer: **SGS Minerals Services**
185 Concession Street, Lakefield, ON K0L 2H0 CANADA
Date: 24-Sep-2013
Customer ID: **Graphite**
14119-001-HF-2RES B

P.O.# **122939**
Job # **S0DKG067**
Sample ID: **S130923052**

[Rev: 2013-09-24 10:36:26]

Element	Concentration [ppm wt]	Element	Concentration [ppm wt]
Li	0.09	Ag	< 0.1
Be	< 0.05	Cd	< 1
B	< 0.05	In	Binder
C	Matrix	Sn	< 1
F	=< 100	Sb	< 1
Na	130	Te	< 0.5
Mg	220	I	=< 100
Al	240	Cs	< 0.1
Si	10	Ba	5.2
P	< 0.1	La	=< 5
S	59	Ce	=< 5
Cl	1.5	Pr	=< 0.5
K	0.32	Nd	1.3
Ca	25	Sm	0.49
Sc	0.14	Eu	< 0.5
Ti	0.17	Gd	0.49
V	< 0.05	Tb	0.27
Cr	< 1	Dy	0.83
Mn	0.27	Ho	0.27
Fe	31	Er	0.86
Co	< 0.05	Tm	< 0.05
Ni	0.35	Yb	0.83
Cu	1.2	Lu	< 0.05
Zn	0.12	Hf	< 0.05
Ga	< 0.5	Ta	< 100
Ge	< 1	W	< 0.05
As	0.11	Re	< 0.05
Se	< 0.5	Os	< 0.05
Br	< 0.1	Ir	< 0.05
Rb	< 0.1	Pt	< 0.5
Sr	0.42	Au	< 0.5
Y	6.7	Hg	< 0.5
Zr	0.63	Tl	< 0.05
Nb	< 0.5	Pb	0.34
Mo	< 0.1	Bi	< 0.05
Ru	< 0.5	Th	0.05
Rh	< 0.1	U	< 0.01
Pd	< 0.5		

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