



AGAT Laboratories

5623 McADAM ROAD
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<http://www.agatlabs.com>

CLIENT NAME: BEAUFIELD RESOURCES INC
1801 MCGILL COLLEGE AVE, SUITE 950
MONTREAL, QC H3A2N4
(514) 842-3443

ATTENTION TO: JOHN FLOREK

PROJECT: HN2014

AGAT WORK ORDER: 14B888463

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 07, 2014

PAGES (INCLUDING COVER): 9

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

NOTES

Empty rectangular box for notes.

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



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Certificate of Analysis

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CLIENT NAME: BEAUFIELD RESOURCES INC

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(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 15, 2014	DATE RECEIVED: Sep 10, 2014	DATE REPORTED: Oct 07, 2014	SAMPLE TYPE: Rock												
	Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2	0.01
500901 (5804108)		1.88	2.29	6.4	90	0.86	3.21	4.98	13.6	6.14	18.8	118	0.58	26.6	3.89
500902 (5804109)		0.29	8.11	1.0	127	0.80	0.32	3.42	0.24	33.3	28.0	48.2	2.67	13.7	2.86
500903 (5804110)		0.65	7.49	<0.2	478	0.61	0.44	4.35	0.18	35.9	6.66	105	3.52	6.9	3.66
500904 (5804111)		0.34	6.89	0.4	513	0.85	0.33	0.91	0.08	7.52	4.77	34.3	2.23	9.3	1.73
500905 (5804112)		0.60	8.42	0.3	168	0.66	0.29	5.06	0.18	28.0	19.1	134	0.90	84.2	4.60
500906 (5804113)		0.25	8.67	0.2	82	1.06	0.08	3.00	0.09	9.26	5.22	32.9	0.90	2.4	1.21
500907 (5804114)		0.28	8.60	0.3	101	0.76	0.39	3.73	0.12	20.3	42.2	125	1.87	50.4	6.96
500908 (5804115)		0.13	9.50	0.8	101	0.96	0.14	3.12	0.10	12.1	5.25	29.0	2.91	23.6	1.08
500909 (5804116)		0.20	8.15	<0.2	90	0.27	0.06	6.82	0.11	5.34	55.3	499	2.25	90.7	7.60
	Analyte:	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2	10
500901 (5804108)		9.03	2.05	0.4	0.035	0.83	2.4	2.0	1.51	1000	2.04	0.08	1.5	38.9	189
500902 (5804109)		24.0	0.69	2.4	0.017	0.98	12.6	25.1	0.62	114	2.46	2.42	4.0	31.4	606
500903 (5804110)		25.3	0.67	2.3	0.285	1.29	15.9	38.4	0.97	963	2.19	0.61	4.7	21.4	598
500904 (5804111)		17.7	0.21	3.1	0.011	2.38	4.0	9.6	0.08	44	2.22	2.80	3.1	3.2	130
500905 (5804112)		22.3	0.46	1.5	0.096	0.68	13.1	8.8	1.16	592	2.79	2.87	7.0	15.7	580
500906 (5804113)		23.1	0.38	3.3	0.009	0.39	4.6	12.5	0.34	72	1.77	4.12	2.1	10.6	681
500907 (5804114)		25.2	0.85	2.7	0.051	0.75	9.7	25.1	1.42	304	1.75	3.31	2.6	42.6	574
500908 (5804115)		23.8	0.35	3.2	0.006	0.57	5.2	23.6	0.53	50	6.13	4.29	1.9	39.3	697
500909 (5804116)		17.0	0.56	0.6	0.068	0.32	1.8	31.9	3.60	2350	1.33	1.81	2.4	138	213

Certified By:

Y. Chen



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(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 15, 2014

DATE RECEIVED: Sep 10, 2014

DATE REPORTED: Oct 07, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	RDL:	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01	0.01
500901 (5804108)		366	26.0	<0.002	0.75	0.11	14.8	1.2	1.2	118	0.17	0.35	0.1	0.23	0.17
500902 (5804109)		11.5	47.7	<0.002	1.81	0.15	13.0	1.1	1.5	449	0.78	0.24	2.2	0.28	0.24
500903 (5804110)		8.0	41.3	<0.002	1.01	0.08	13.7	1.2	3.2	220	0.87	1.30	1.9	0.31	0.24
500904 (5804111)		26.4	64.6	<0.002	0.60	0.09	1.8	<0.5	0.5	410	1.00	0.08	2.1	0.06	0.35
500905 (5804112)		56.0	17.5	<0.002	0.52	0.27	20.6	0.9	1.4	388	0.90	0.20	1.7	0.40	0.11
500906 (5804113)		6.5	12.0	<0.002	0.44	0.12	13.0	<0.5	0.4	450	0.94	0.08	2.3	0.12	0.07
500907 (5804114)		4.9	42.0	<0.002	5.62	0.12	30.8	1.1	1.0	434	0.61	0.45	1.7	0.19	0.20
500908 (5804115)		6.5	26.9	<0.002	0.17	0.09	9.1	0.7	0.4	547	0.72	0.11	2.2	0.15	0.17
500909 (5804116)		2.2	15.8	<0.002	0.06	0.20	55.4	<0.5	0.6	97.6	0.71	0.06	0.2	0.37	0.08
	Analyte:	U	V	W	Y	Zn	Zr								
	Unit:	ppm	ppm	ppm	ppm	ppm	ppm								
Sample ID (AGAT ID)	RDL:	0.005	0.5	0.1	0.1	0.5	0.5								
500901 (5804108)		0.031	105	1.7	9.0	1250	11.6								
500902 (5804109)		0.504	87.7	1.0	12.4	30.5	95.9								
500903 (5804110)		0.452	86.5	0.7	13.3	40.5	90.5								
500904 (5804111)		0.875	13.4	0.4	1.0	15.8	79.5								
500905 (5804112)		0.463	148	0.9	16.5	54.4	62.7								
500906 (5804113)		0.407	69.3	0.5	8.1	8.9	131								
500907 (5804114)		0.326	157	0.5	16.0	25.8	113								
500908 (5804115)		0.424	66.9	1.7	7.6	11.5	127								
500909 (5804116)		0.046	250	0.7	16.3	67.3	29.2								

Comments: RDL - Reported Detection Limit

5804108-5804116 As, Sb values may be low due to digestion losses.

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Y. Chen



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CLIENT NAME: BEAUFIELD RESOURCES INC

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(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 15, 2014

DATE RECEIVED: Sep 10, 2014

DATE REPORTED: Oct 07, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
500901 (5804108)		1.38	0.026
500902 (5804109)		0.72	0.030
500903 (5804110)		0.46	0.034
500904 (5804111)		1.68	0.004
500905 (5804112)		0.52	0.006
500906 (5804113)		0.60	0.003
500907 (5804114)		1.64	0.013
500908 (5804115)		0.76	0.003
500909 (5804116)		0.86	0.003

Comments: RDL - Reported Detection Limit

Certified By:

Y. Chen.



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Quality Assurance - Replicate
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 PROJECT: HN2014

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CLIENT NAME: BEAUFIELD RESOURCES INC

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(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD															
	Sample ID	Original	Replicate	RPD																
Ag	5804108	1.88	2.06	9.1%																
Al	5804108	2.29	2.31	0.9%																
As	5804108	6.45	6.47	0.3%																
Ba	5804108	90	90	0.0%																
Be	5804108	0.86	0.98	13.0%																
Bi	5804108	3.21	3.52	9.2%																
Ca	5804108	4.98	4.90	1.6%																
Cd	5804108	13.6	14.2	4.3%																
Ce	5804108	6.14	5.93	3.5%																
Co	5804108	18.8	20.1	6.7%																
Cr	5804108	118	116	1.7%																
Cs	5804108	0.582	0.627	7.4%																
Cu	5804108	26.6	26.2	1.5%																
Fe	5804108	3.89	3.90	0.3%																
Ga	5804108	9.03	9.16	1.4%																
Ge	5804108	2.05	1.65	21.6%																
Hf	5804108	0.4	0.4	0.0%																
In	5804108	0.035	0.038	8.2%																
K	5804108	0.83	0.82	1.2%																
La	5804108	2.41	2.33	3.4%																
Li	5804108	2.01	2.09	3.9%																
Mg	5804108	1.51	1.48	2.0%																
Mn	5804108	1000	983	1.7%																
Mo	5804108	2.04	2.02	1.0%																
Na	5804108	0.08	0.08	0.0%																
Nb	5804108	1.52	1.57	3.2%																
Ni	5804108	38.9	38.3	1.6%																
P	5804108	189	206	8.6%																
Pb	5804108	366	393	7.1%																
Rb	5804108	26.0	27.0	3.8%																
Re	5804108	< 0.002	< 0.002	0.0%																



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Quality Assurance - Replicate
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S	5804108	0.75	0.75	0.0%															
Sb	5804108	0.11	0.12	8.7%															
Sc	5804108	14.8	15.2	2.7%															
Se	5804108	1.21	1.41	15.3%															
Sn	5804108	1.2	1.3	8.0%															
Sr	5804108	118	122	3.3%															
Ta	5804108	0.17	0.18	5.7%															
Te	5804108	0.35	0.37	5.6%															
Th	5804108	0.1	0.1	0.0%															
Ti	5804108	0.23	0.23	0.0%															
Tl	5804108	0.175	0.188	7.2%															
U	5804108	0.031	0.032	3.2%															
V	5804108	105	107	1.9%															
W	5804108	1.7	1.7	0.0%															
Y	5804108	9.0	9.2	2.2%															
Zn	5804108	1250	1220	2.4%															
Zr	5804108	11.6	11.7	0.9%															

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	Sample ID	REPLICATE #1			RPD																
		Original	Replicate	RPD																	
Au	5804108	0.0263	0.0300	13.1%																	



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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14B888463

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CLIENT NAME: BEAUFIELD RESOURCES INC

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(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

CRM #1 (ref.GTS-2a)														
Parameter	Expect	Actual	Recovery	Limits										
Al	6.96	6.53	94%	90% - 110%										
Ba	186	173	93%	90% - 110%										
Ca	4.01	3.85	96%	90% - 110%										
Co	22.1	21.2	96%	90% - 110%										
Cu	88.6	84.6	95%	90% - 110%										
Fe	7.56	7.24	96%	90% - 110%										
K	2.021	1.977	98%	90% - 110%										
Mg	2.412	2.186	91%	90% - 110%										
Mn	1510	1514	100%	90% - 110%										
Na	0.617	0.612	99%	90% - 110%										
Ni	77.1	75.8	98%	90% - 110%										
P	892	921	103%	90% - 110%										
S	0.348	0.333	96%	90% - 110%										
Sr	92.8	87	94%	90% - 110%										
Zn	208	208	100%	90% - 110%										

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

CRM #1 (ref.1P5K)														
Parameter	Expect	Actual	Recovery	Limits										
Au	1.44	1.54	107%	90% - 110%										



Method Summary

CLIENT NAME: BEAUFIELD RESOURCES INC

AGAT WORK ORDER: 14B888463

PROJECT: HN2014

ATTENTION TO: JOHN FLOREK

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP-MS
Ba	MIN-200-12020		ICP-MS
Be	MIN-200-12020		ICP-MS
Bi	MIN-200-12020		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP-MS
Ce	MIN-200-12020		ICP-MS
Co	MIN-200-12020		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12020		ICP-MS
Cu	MIN-200-12020		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP-MS
Ge	MIN-200-12020		ICP-MS
Hf	MIN-200-12020		ICP-MS
In	MIN-200-12020		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP-MS
Li	MIN-200-12020		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12020		ICP-MS
Ni	MIN-200-12020		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP-MS
Rb	MIN-200-12020		ICP-MS
Re	MIN-200-12020		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP-MS
Sc	MIN-200-12020		ICP-MS
Se	MIN-200-12020		ICP-MS
Sn	MIN-200-12020		ICP-MS
Sr	MIN-200-12020		ICP-MS
Ta	MIN-200-12020		ICP-MS
Te	MIN-200-12020		ICP-MS
Th	MIN-200-12020		ICP-MS
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP-MS
U	MIN-200-12020		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP-MS
Y	MIN-200-12020		ICP-MS
Zn	MIN-200-12020		ICP-MS
Zr	MIN-200-12020		ICP-MS
Sample Login Weight	MIN-12009		BALANCE



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Method Summary

CLIENT NAME: BEAUFIELD RESOURCES INC

AGAT WORK ORDER: 14B888463

PROJECT: HN2014

ATTENTION TO: JOHN FLOREK

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES