

**APPENDIX 2**

**ASSAY CERTIFICATES**

CLIENT NAME: BEDROCK RESEARCH CORP.  
545 GRANITE ST  
SUDBURY, ON P3C2P4  
(705) 673-0873

ATTENTION TO: BOB KOMARECHKA

PROJECT:

AGAT WORK ORDER: 14U897895

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

DATE REPORTED: Nov 11, 2014

PAGES (INCLUDING COVER): 8

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

\*NOTES

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

# Certificate of Analysis

AGAT WORK ORDER: 14U897895

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: BEDROCK RESEARCH CORP.

ATTENTION TO: BOB KOMARECHKA

## (201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 06, 2014	DATE RECEIVED: Oct 03, 2014					DATE REPORTED: Nov 11, 2014					SAMPLE TYPE: Rock				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
Sample ID (AGAT ID)															
E505017 (5895461)	<0.2	0.65	13	<5	25	<0.5	<1	3.33	<0.5	3	92.1	38.4	4.0	2.27	
E505018 (5895462)	0.2	0.53	12	<5	26	<0.5	<1	4.98	<0.5	4	73.2	28.8	4.1	2.48	
E505019 (5895463)	0.4	0.15	7	<5	15	<0.5	<1	9.60	<0.5	<1	11.4	30.6	1.8	2.73	
E505020 (5895464)	<0.2	0.15	8	<5	13	<0.5	<1	4.09	<0.5	<1	3.1	54.5	1.3	1.22	
E505021 (5895465)	0.5	0.23	18	<5	26	<0.5	<1	11.1	<0.5	2	13.5	53.5	1.5	3.48	
E505022 (5895466)	<0.2	2.33	19	<5	18	<0.5	<1	0.21	<0.5	8	38.2	57.9	218	5.09	
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E505017 (5895461)	<5	<1	<1	0.12	2	4	2.18	724	2.9	0.05	66.0	294	3.8	<10	
E505018 (5895462)	<5	2	3	0.30	3	3	2.74	1050	3.0	0.04	65.2	221	1.3	23	
E505019 (5895463)	<5	1	<1	0.09	2	2	5.07	1060	5.4	0.05	61.2	161	3.7	<10	
E505020 (5895464)	<5	<1	<1	0.08	<1	1	2.07	417	4.6	0.06	31.2	149	3.0	<10	
E505021 (5895465)	5	2	1	0.14	2	2	5.91	1050	4.9	0.04	78.4	167	3.0	<10	
E505022 (5895466)	13	2	<1	0.02	4	9	1.77	1180	2.0	0.03	29.7	349	1.1	<10	
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E505017 (5895461)	0.405	1	11.2	<10	<5	23.5	<10	<10	<5	<0.01	<5	<5	49.3	<1	
E505018 (5895462)	0.328	<1	11.4	<10	<5	29.5	<10	<10	<5	0.02	<5	<5	53.9	<1	
E505019 (5895463)	0.159	2	29.4	<10	<5	69.3	<10	<10	<5	<0.01	<5	<5	36.2	<1	
E505020 (5895464)	0.048	<1	10.8	<10	<5	30.5	<10	<10	<5	<0.01	<5	<5	26.0	<1	
E505021 (5895465)	0.173	3	48.8	15	<5	79.2	<10	<10	<5	<0.01	<5	<5	66.7	<1	
E505022 (5895466)	0.017	2	17.6	<10	<5	9.7	<10	<10	<5	0.11	<5	<5	176	1	

Certified By:





## Certificate of Analysis

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CLIENT NAME: BEDROCK RESEARCH CORP.

ATTENTION TO: BOB KOMARECHKA

### (201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 06, 2014

DATE RECEIVED: Oct 03, 2014

DATE REPORTED: Nov 11, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Y	Zn	Zr
	Unit:	ppm	ppm	ppm
	RDL:	1	0.5	5
E505017 (5895461)		4	8.6	<5
E505018 (5895462)		4	2.7	5
E505019 (5895463)		7	4.0	<5
E505020 (5895464)		4	1.7	<5
E505021 (5895465)		11	3.1	<5
E505022 (5895466)		6	71.5	<5

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

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CLIENT NAME: BEDROCK RESEARCH CORP.

ATTENTION TO: BOB KOMARECHKA

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 06, 2014

DATE RECEIVED: Oct 03, 2014

DATE REPORTED: Nov 11, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E505017 (5895461)		1.32	0.016
E505018 (5895462)		1.18	0.006
E505019 (5895463)		2.32	0.006
E505020 (5895464)		3.20	0.007
E505021 (5895465)		1.78	0.009
E505022 (5895466)		0.44	0.104

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: BEDROCK RESEARCH CORP.

ATTENTION TO: BOB KOMARECHKA

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5895461	< 0.2	< 0.2	0.0%														
Al	5895461	0.646	0.620	4.1%														
As	5895461	13	8															
B	5895461	< 5	< 5	0.0%														
Ba	5895461	25	24	4.1%														
Be	5895461	< 0.5	< 0.5	0.0%														
Bi	5895461	< 1	< 1	0.0%														
Ca	5895461	3.33	3.29	1.2%														
Cd	5895461	< 0.5	< 0.5	0.0%														
Ce	5895461	3	3	0.0%														
Co	5895461	92.1	88.2	4.3%														
Cr	5895461	38.4	37.1	3.4%														
Cu	5895461	3.97	3.45	14.0%														
Fe	5895461	2.27	2.24	1.3%														
Ga	5895461	< 5	< 5	0.0%														
Hg	5895461	< 1	1															
In	5895461	< 1	2															
K	5895461	0.12	0.12	0.0%														
La	5895461	2	2	0.0%														
Li	5895461	4	4	0.0%														
Mg	5895461	2.18	2.17	0.5%														
Mn	5895461	724	720	0.6%														
Mo	5895461	2.89	3.06	5.7%														
Na	5895461	0.05	0.05	0.0%														
Ni	5895461	66.0	64.9	1.7%														
P	5895461	294	297	1.0%														
Pb	5895461	3.8	2.3															
Rb	5895461	< 10	< 10	0.0%														
S	5895461	0.405	0.374	8.0%														
Sb	5895461	1	< 1															
Sc	5895461	11.2	11.2	0.0%														



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Se	5895461	< 10	< 10	0.0%													
Sn	5895461	< 5	< 5	0.0%													
Sr	5895461	23.5	21.8	7.5%													
Ta	5895461	< 10	< 10	0.0%													
Te	5895461	< 10	< 10	0.0%													
Th	5895461	< 5	< 5	0.0%													
Ti	5895461	< 0.01	< 0.01	0.0%													
Tl	5895461	< 5	< 5	0.0%													
U	5895461	< 5	< 5	0.0%													
V	5895461	49.3	48.6	1.4%													
W	5895461	< 1	< 1	0.0%													
Y	5895461	4	4	0.0%													
Zn	5895461	8.6	8.6	0.0%													
Zr	5895461	< 5	< 5	0.0%													
(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																	
REPLICATE #1																	
Parameter	Sample ID	Original	Replicate	RPD													
Au		0.0297	0.0271	9.2%													



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(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

CRM #1 (ref.CFRM-100)													
Parameter	Expect	Actual	Recovery	Limits									
Co	184	172	94%	90% - 110%									
Cu	3494	3310	95%	90% - 110%									
Ni	2985	2760	92%	90% - 110%									

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

CRM #1 (ref.GSP7J)													
Parameter	Expect	Actual	Recovery	Limits									
Au	0.722	0.752	104%	90% - 110%									



## Method Summary

CLIENT NAME: BEDROCK RESEARCH CORP.

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PROJECT:

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SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES