



**MS Analytical**

An A2 Global Company

MS Analytical  
Unit 1, 20120 102nd Avenue  
Langley, BC V1M 4B4  
Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
Job Received Date: 03-Jan-2017  
Job Report Date: 16-Jan-2017  
Report Version: R1

**COMMENTS:**

This certificate has been revised to include: IMA-2Au data for samples 63+50N 27+25E to 69+50N 28+25E. Coarse gold may be present in some samples. Some samples did not meet the minimum aliquot size requirement for IMA-2Au analysis.

Test results reported relate only to the samples as received by the laboratory. Unless otherwise stated above, sufficient sample was received for the methods requested and all samples were received in acceptable condition. Analytical results in unsigned reports marked "preliminary" are subject to change, pending final QC review. Please refer to MS Analyticals' *Schedule of Services and Fees* for our complete Terms and Conditions

SAMPLE PREPARATION	
METHOD CODE	DESCRIPTION
PRP-910	Dry, Crush to 70% passing 2mm, Split 250g, Pulverize to 85% passing 75µm
PRP-757	Dry, Screen to 80 mesh, save plus fraction

ANALYTICAL METHODS	
METHOD CODE	DESCRIPTION
FAS-111	Au, Fire Assay, 30g fusion, AAS, Trace Level
IMA-2Au	Au, 20g, 3:1 Aqua Regia, ICP-AES/MS, Ultra Trace Level
ICP-130	Multi-Element, 0.5g, 3:1 Aqua Regia, ICP-AES, Trace Level

**Signature:**

Yvette Hsi, BSc.  
Manager - Geochem  
MS Analytical



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Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	FAS-111 Au ppm	IMA-2Au Au ppm	ICP-130 Ag ppm	ICP-130 Al %	ICP-130 As ppm	ICP-130 B ppm	ICP-130 Ba ppm	ICP-130 Be ppm
		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
FNDJ-001	Rock	0.81		0.012		<0.2	0.28	14	<10	81	<0.5
FNBD-001	Rock	2.02		<0.005		<0.2	0.04	<2	<10	29	<0.5
63+50N 27+25E	Soil	0.35			0.0710	<0.2	2.69	10	<10	386	<0.5
63+50N 27+50E	Soil	0.27			0.0180	0.4	2.81	9	<10	206	0.6
63+50N 27+75E	Soil	0.33			0.0063	0.3	2.86	6	<10	171	0.5
63+50N 28+00E	Soil	0.24			0.0023	0.4	2.12	5	<10	418	<0.5
64+00N 27+00E	Soil	0.32			0.0310	0.2	2.10	10	<10	446	0.5
64+00N 27+25E	Soil	0.48			0.0687	<0.2	1.70	2	<10	195	<0.5
64+00N 27+50E	Soil	0.32			0.0393	0.2	2.53	4	<10	240	0.6
64+00N 27+75E	Soil	0.40			0.0219	<0.2	2.05	2	<10	305	<0.5
64+00N 28+00E	Soil	0.28			0.0399	<0.2	2.14	5	<10	311	<0.5
64+00N 28+25E	Soil	0.28			0.0200	0.4	2.67	2	<10	284	0.6
64+00N 28+50E	Soil	0.26			0.0197	0.3	1.94	2	<10	298	0.5
64+00N 28+75E	Soil	0.30			0.0139	<0.2	1.92	3	<10	247	<0.5
64+50N 27+00E	Soil	0.25			0.0060	0.3	1.71	9	<10	416	<0.5
64+50N 27+25E	Soil	0.33			0.0074	0.2	2.38	6	<10	300	0.5
64+50N 27+50E	Soil	0.26			0.0189	<0.2	2.26	8	<10	367	<0.5
64+50N 27+75E	Soil	0.28			0.0044	<0.2	2.06	4	<10	390	0.5
64+50N 28+00E	Soil	0.36			0.0159	<0.2	2.20	5	<10	288	<0.5
64+50N 28+25E	Soil	0.25			0.0181	0.2	1.54	<2	<10	197	<0.5
64+50N 28+50E	Soil	0.25			0.0518	<0.2	1.33	5	<10	135	<0.5
64+50N 28+75E	Soil	0.31			0.0390	<0.2	1.52	2	<10	123	<0.5
64+50N 29+00E	Soil	0.27			0.0196	<0.2	1.90	<2	<10	204	0.6
64+50N 29+25E	Soil	0.44			0.0893	<0.2	1.58	3	<10	121	<0.5
65+00N 26+75E	Soil	0.25			0.0040	0.4	2.17	5	<10	362	0.5

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**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
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Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	FAS-111 Au ppm	IMA-2Au Au ppm	ICP-130 Ag ppm	ICP-130 Al %	ICP-130 As ppm	ICP-130 B ppm	ICP-130 Ba ppm	ICP-130 Be ppm
		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
65+00N 27+00E	Soil	0.34			0.0130	0.2	2.96	4	<10	424	0.7
65+00N 27+25E	Soil	0.33			0.0091	0.2	2.14	<2	<10	257	<0.5
65+00N 27+50E	Soil	0.35			0.0533	0.3	1.88	<2	<10	239	<0.5
65+00N 27+75E	Soil	0.28			0.0730	<0.2	1.76	2	<10	138	<0.5
65+00N 28+00E	Soil	0.30			0.0186	0.2	2.13	2	<10	194	<0.5
65+00N 28+25E	Soil	0.31			0.0234	0.2	1.35	<2	<10	211	<0.5
65+00N 28+50E	Soil	0.36			0.1726	0.4	2.21	<2	<10	211	0.5
65+00N 28+75E	Soil	0.25			0.0152	0.3	1.70	6	<10	212	<0.5
65+00N 29+00E	Soil	0.23			0.0115	0.6	2.38	2	<10	187	0.5
65+00N 29+25E	Soil	0.29			0.0202	0.5	1.98	<2	<10	150	<0.5
65+50N 26+75E	Soil	0.27			0.1572	0.2	2.15	3	<10	226	<0.5
65+50N 27+00E	Soil	0.26			0.0209	<0.2	1.56	4	<10	372	<0.5
65+50N 27+25E	Soil	0.33			0.0613	0.3	2.01	<2	<10	225	<0.5
65+50N 27+50E	Soil	0.23			0.0341	<0.2	1.92	2	<10	212	<0.5
65+50N 27+75E	Soil	0.28			0.0348	0.3	2.27	3	<10	142	0.5
65+50N 28+00E	Soil	0.22			0.0037	0.2	2.32	4	<10	206	0.6
65+50N 28+25E	Soil	0.22			0.0068	0.5	3.04	3	<10	351	0.6
65+50N 28+50E	Soil	0.26			0.0096	<0.2	1.65	3	<10	232	<0.5
65+50N 28+75E	Soil	0.28			0.0111	0.8	3.12	6	<10	275	0.7
65+50N 29+00E	Soil	0.25			0.0107	0.3	1.68	3	<10	285	<0.5
65+50N 29+25E	Soil	0.24			0.0106	0.7	2.96	<2	<10	257	0.6
65+50N 29+50E	Soil	0.25			0.0102	0.5	2.67	<2	<10	190	0.5
65+50N 29+75E	Soil	0.24			0.0096	0.5	3.30	3	<10	279	0.9
65+50N 30+00E	Soil	0.22			0.0659	0.6	2.55	4	<10	130	0.5
66+00N 25+00E	Soil	0.27			0.0150	<0.2	1.90	6	<10	231	<0.5

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		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
66+00N 25+25E	Soil	0.42			0.6638	0.7	2.07	66	<10	259	0.5
66+00N 25+50E	Soil	0.29			0.0261	0.4	2.13	2	<10	268	<0.5
66+00N 25+75E	Soil	0.25			0.0098	0.3	2.39	3	<10	297	<0.5
66+00N 26+00E	Soil	0.26			0.0029	0.2	1.54	<2	<10	229	<0.5
66+00N 26+25E	Soil	0.30			0.0441	0.4	1.92	3	<10	329	<0.5
66+00N 26+50E	Soil	0.23			0.3073	0.3	1.88	3	<10	170	<0.5
66+00N 26+75E	Soil	0.28			0.0167	0.2	1.67	4	<10	238	<0.5
66+00N 27+00E	Soil	0.23			0.0133	0.3	1.84	4	<10	201	<0.5
66+00N 27+25E	Soil	0.31			0.0151	0.3	1.76	2	<10	192	<0.5
66+00N 27+50E	Soil	0.33			0.1651	0.2	1.76	3	<10	190	<0.5
66+00N 27+75E	Soil	0.11			0.0265	<0.2	2.11	4	<10	253	<0.5
66+00N 28+00E	Soil	0.34			0.2528	<0.2	2.05	<2	<10	211	<0.5
66+00N 28+25E	Soil	0.31			0.0380	0.6	2.53	3	<10	246	0.6
66+00N 28+50E	Soil	0.24			0.0054	0.4	2.48	3	<10	195	0.6
66+00N 28+75E	Soil	0.40			0.0096	0.3	2.03	7	<10	209	0.6
66+00N 29+00E	Soil	0.30			0.0449	0.2	2.28	3	<10	246	<0.5
66+00N 29+25E	Soil	0.30			0.0499	0.7	2.70	4	<10	250	0.6
66+00N 29+50E	Soil	0.22			0.0080	0.6	2.75	<2	<10	180	0.6
66+00N 29+75E	Soil	0.23			0.0192	0.4	2.08	4	<10	164	<0.5
66+00N 30+00E	Soil	0.31			0.0417	<0.2	2.26	3	<10	181	<0.5
66+50N 24+75E	Soil	0.63			0.0370	0.3	2.69	3	<10	208	0.6
66+50N 25+00E	Soil	0.35			0.0835	0.3	1.99	6	<10	286	<0.5
66+50N 25+25E	Soil	0.30			0.0223	0.3	2.34	4	<10	313	0.5
66+50N 25+50E	Soil	0.29			0.0070	0.3	2.18	3	<10	305	<0.5
66+50N 25+75E	Soil	0.29			0.0083	0.5	2.07	6	<10	200	<0.5

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		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
66+50N 26+00E	Soil	0.31			0.0070	<0.2	1.89	<2	<10	286	<0.5
66+50N 26+25E	Soil	0.43			0.0099	0.3	1.68	<2	<10	272	<0.5
66+50N 26+50E	Soil	0.29			0.0373	<0.2	1.93	<2	<10	203	<0.5
66+50N 26+75E	Soil	0.41			0.0154	0.8	1.21	<2	<10	167	<0.5
66+50N 27+00E	Soil	0.30			0.0357	0.3	1.67	<2	<10	181	<0.5
66+50N 27+25E	Soil	0.28			0.0154	0.3	2.23	5	<10	153	0.6
66+50N 27+50E	Soil	0.29			0.0251	<0.2	1.41	5	<10	162	<0.5
66+50N 27+75E	Soil	0.22			0.0118	2.4	1.70	3	<10	388	<0.5
66+50N 28+00E	Soil	0.29			0.0673	<0.2	2.04	3	<10	213	<0.5
66+50N 28+25E	Soil	0.25			0.0100	0.9	4.84	4	<10	270	0.9
66+50N 28+50E	Soil	0.20			0.0111	<0.2	1.91	<2	<10	204	<0.5
66+50N 28+75E	Soil	0.28			0.0098	0.4	1.70	<2	<10	194	<0.5
66+50N 29+00E	Soil	0.35			0.0896	0.2	2.40	3	<10	281	<0.5
66+50N 29+25E	Soil	0.27			0.0210	0.3	1.86	<2	<10	178	<0.5
66+50N 29+50E	Soil	0.26			0.0075	0.9	2.61	2	<10	183	0.5
66+50N 29+75E	Soil	0.28			0.0903	0.4	2.01	<2	<10	130	<0.5
66+50N 30+00E	Soil	0.21			0.0304	0.6	3.09	6	<10	179	0.7
67+00N 24+50E	Soil	0.33			0.0309	<0.2	2.70	12	<10	206	0.6
67+00N 24+75E	Soil	0.26			0.0309	0.7	2.17	8	<10	303	0.5
67+00N 25+00N	Soil	0.35			0.0158	0.7	2.07	4	<10	366	0.5
67+00N 25+25E	Soil	0.33			0.0185	<0.2	1.97	<2	<10	256	<0.5
67+00N 25+50E	Soil	0.31			0.0240	0.3	2.24	4	<10	241	0.5
67+00N 25+75E	Soil	0.40			0.0282	0.3	1.63	3	<10	188	<0.5
67+00N 26+00E	Soil	0.29			0.0793	<0.2	0.90	<2	<10	72	<0.5
67+00N 26+25E	Soil	0.36			0.0432	0.3	1.79	4	<10	162	<0.5

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		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
67+00N 26+50E	Soil	0.32			0.0177	0.5	2.14	3	<10	204	0.5
67+00N 26+75E	Soil	0.32			0.0271	0.3	2.28	2	<10	259	0.5
67+00N 27+00E	Soil	0.29			0.0138	0.8	2.39	5	<10	200	0.6
67+00N 27+25E	Soil	0.34			0.0258	0.4	1.93	3	<10	147	<0.5
67+00N 27+50E	Soil	0.49			0.0068	0.6	3.13	2	<10	188	0.8
67+00N 27+75E	Soil	0.33			0.0072	0.3	2.69	4	<10	203	0.6
67+00N 28+00E	Soil	0.29			0.0148	1.0	3.44	4	<10	289	0.7
67+00N 28+25E	Soil	0.41			0.0120	0.3	2.16	3	<10	243	<0.5
67+00N 28+50E	Soil	0.37			0.0159	0.3	2.94	3	<10	192	0.7
67+00N 28+75E	Soil	0.34			0.0066	1.0	2.89	3	<10	257	0.6
67+00N 29+00E	Soil	0.34			0.0506	1.0	1.99	<2	<10	188	0.5
67+00N 29+25E	Soil	0.43			0.0371	0.2	2.29	3	<10	173	<0.5
67+00N 29+50E	Soil	0.31			0.0395	0.4	1.35	<2	<10	128	<0.5
67+00N 29+75E	Soil	0.39			0.0180	0.6	3.09	<2	<10	250	0.7
67+50N 24+25E	Soil	0.40			0.1170	<0.2	2.11	8	<10	193	<0.5
67+50N 24+50E	Soil	0.10			0.0472	<0.2	2.11	7	<10	407	0.5
67+50N 24+75E	Soil	0.38			0.0393	0.7	1.78	7	<10	375	<0.5
67+50N 25+00E	Soil	0.30			0.0457	0.5	2.32	4	<10	546	0.5
67+50N 25+25E	Soil	0.37			0.0336	0.5	2.74	5	<10	172	0.6
67+50N 25+50E	Soil	0.34			0.0214	0.7	2.14	<2	<10	195	<0.5
67+50N 25+75E	Soil	0.30			0.0236	0.3	1.70	<2	<10	232	<0.5
67+50N 26+00E	Soil	0.33			0.0479	0.4	2.15	<2	<10	140	0.6
67+50N 26+25E	Soil	0.48			0.1060	0.5	2.46	<2	<10	157	0.7
67+50N 26+50E	Soil	0.27			0.0147	0.2	1.61	4	<10	251	0.5
67+50N 26+75E	Soil	0.44			0.0333	0.5	1.81	<2	<10	147	<0.5

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		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
67+50N 27+00E	Soil	0.42			0.0081	0.9	2.51	3	<10	218	0.6
67+50N 27+25N	Soil	0.36			0.0118	0.6	2.33	3	<10	130	<0.5
67+50N 27+50N	Soil	0.35			0.0247	0.5	2.16	2	<10	180	<0.5
67+50N 27+75E	Soil	0.33			0.0074	0.4	1.34	<2	<10	127	<0.5
67+50N 28+00E	Soil	0.23			0.0321	0.8	2.65	5	<10	132	0.5
68+00N 24+00E	Soil	0.57			0.0400	0.3	2.44	12	<10	309	0.6
68+00N 24+25E	Soil	0.51			0.0136	0.5	2.86	12	<10	148	0.7
68+00N 24+50E	Soil	0.32			0.0435	0.6	1.49	<2	<10	468	<0.5
68+00N 24+75E	Soil	0.30			0.0181	0.4	1.87	2	<10	348	0.5
68+00N 25+00E	Soil	0.57			0.0443	0.5	2.38	3	<10	232	0.5
68+00N 25+25E	Soil	0.37			0.1605	0.4	3.57	11	<10	533	0.7
68+00N 25+50E	Soil	0.49			0.1205	0.4	2.43	5	<10	432	0.5
68+00N 25+75E	Soil	0.35			0.6592	<0.2	3.21	6	<10	635	0.6
68+00N 26+00E	Soil	0.49			0.0391	0.2	1.60	2	<10	117	<0.5
68+00N 26+25E	Soil	0.43			0.0458	0.6	1.70	2	<10	122	<0.5
68+00N 26+50E	Soil	0.33			0.0203	0.6	2.45	4	<10	156	0.5
68+00N 26+75E	Soil	0.55			0.0609	0.3	1.66	4	<10	158	<0.5
68+00N 27+00E	Soil	0.34			0.0268	0.4	2.68	3	<10	165	0.6
68+00N 27+25E	Soil	0.31			0.0030	0.8	2.67	3	<10	152	0.6
68+00N 27+50E	Soil	0.36			0.0029	0.8	2.56	4	<10	214	0.6
68+00N 27+75E	Soil	0.35			0.0323	0.4	2.29	4	<10	155	0.5
68+00N 28+00E	Soil	0.39			0.0197	0.3	2.08	4	<10	209	<0.5
68+50N 23+75E	Soil	0.31			0.0066	0.4	2.11	6	<10	452	0.6
68+50N 24+00E	Soil	0.33			0.0148	0.3	2.68	8	<10	156	0.7
68+50N 24+25E	Soil	0.29			0.0133	<0.2	1.43	14	<10	381	<0.5

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An A2 Global Company

MS Analytical  
 Unit 1, 20120 102nd Avenue  
 Langley, BC V1M 4B4  
 Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	FAS-111 Au ppm	IMA-2Au Au ppm	ICP-130 Ag ppm	ICP-130 Al %	ICP-130 As ppm	ICP-130 B ppm	ICP-130 Ba ppm	ICP-130 Be ppm
		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
68+50N 24+50E	Soil	0.26			0.0327	0.2	2.12	40	<10	377	<0.5
68+50N 24+75E	Soil	0.42			0.0289	0.7	3.04	44	<10	221	0.7
68+50N 25+00E	Soil	0.39			0.0666	0.2	1.74	6	<10	181	<0.5
68+50N 25+25E	Soil	0.34			0.0196	0.6	1.76	2	<10	157	<0.5
68+50N 25+50E	Soil	0.43			0.0169	0.5	2.10	31	<10	178	<0.5
68+50N 25+75E	Soil	0.37			0.0466	1.0	1.95	<2	<10	134	<0.5
68+50N 26+00E	Soil	0.35			0.0279	0.4	1.98	<2	<10	162	<0.5
68+50N 26+25E	Soil	0.33			0.0140	0.5	2.34	3	<10	147	0.5
68+50N 26+50E	Soil	0.41			0.1006	1.0	2.70	4	<10	170	0.6
68+50N 26+75E	Soil	0.30			0.0356	0.3	1.78	5	<10	153	<0.5
68+50N 27+00E	Soil	0.41			0.0814	0.8	2.56	<2	<10	149	0.6
68+50N 27+25E	Soil	0.46			0.0188	0.9	3.14	2	<10	179	0.7
68+50N 27+50E	Soil	0.63			0.0373	<0.2	1.96	5	<10	191	0.6
68+50N 27+75E	Soil	0.30			0.0204	0.6	2.83	6	<10	144	0.6
68+50N 28+00E	Soil	0.35			0.0145	0.4	1.97	4	<10	202	<0.5
69+00N 24+00E	Soil	0.32			0.0168	0.3	2.46	39	<10	220	<0.5
69+00N 24+25E	Soil	0.54			0.0400	<0.2	1.44	4	<10	99	<0.5
69+00N 24+50E	Soil	0.45			0.0334	<0.2	2.52	5	<10	250	0.5
69+00N 24+75E	Soil	0.38			0.0291	<0.2	1.59	3	<10	101	<0.5
69+00N 25+00E	Soil	0.54			0.1131	<0.2	1.45	3	<10	76	<0.5
69+00N 25+25E	Soil	0.49			0.0767	0.6	2.06	5	<10	146	<0.5
69+00N 25+50E	Soil	0.36			0.0345	0.3	1.68	<2	<10	169	<0.5
69+00N 25+75E	Soil	0.31			0.0163	1.3	3.03	2	<10	139	0.7
69+00N 26+00E	Soil	0.28			0.0075	1.2	3.21	5	<10	149	0.6
69+00N 26+25E	Soil	0.28			0.0042	0.9	4.21	5	<10	176	0.9

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To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	FAS-111 Au ppm	IMA-2Au Au ppm	ICP-130 Ag ppm	ICP-130 Al %	ICP-130 As ppm	ICP-130 B ppm	ICP-130 Ba ppm	ICP-130 Be ppm
		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
69+00N 26+50E	Soil	0.30			0.0125	1.0	2.85	5	<10	158	0.7
69+00N 26+75E	Soil	0.36			0.0190	1.2	2.70	<2	<10	197	0.6
69+00N 27+00E	Soil	0.55			0.0315	<0.2	2.30	6	<10	187	0.6
69+00N 27+25E	Soil	0.38			0.0330	0.5	2.08	4	<10	145	0.5
69+00N 27+50E	Soil	0.37			0.0140	0.5	3.21	2	<10	115	0.7
69+00N 27+75E	Soil	0.32			0.0451	0.5	2.92	4	<10	165	0.7
69+00N 28+00E	Soil	0.24			0.0046	1.7	3.54	4	<10	123	0.8
69+00N 28+25E	Soil	0.22			0.0046	0.9	3.20	5	<10	183	0.7
69+50N 26+50E	Soil	0.23			0.0056	0.9	3.85	6	<10	156	0.9
69+50N 26+75E	Soil	0.32			0.0404	0.3	2.50	5	<10	344	0.7
69+50N 27+00E	Soil	0.21			0.0677	0.6	2.67	5	<10	153	0.6
69+50N 27+25E	Soil	0.22			0.0110	0.6	3.09	4	<10	182	0.7
69+50N 27+50E	Soil	0.22			0.0256	0.7	2.68	3	<10	190	0.6
69+50N 27+75E	Soil	0.57			0.0423	0.3	2.43	3	<10	131	0.6
69+50N 28+00E	Soil	0.23			0.0349	0.4	2.40	3	<10	153	0.6
69+50N 28+25E	Soil	0.38			0.0238	0.4	2.60	5	<10	172	0.6
DUP FNDJ-001						<0.2	0.29	14	<10	81	<0.5
DUP 66+00N 29+00E						<0.2	2.32	2	<10	250	<0.5
DUP 66+50N 25+50E						0.3	2.14	6	<10	299	<0.5
DUP 68+00N 25+75E						<0.2	3.19	4	<10	629	0.6
DUP 68+00N 26+75E						0.4	1.68	2	<10	158	<0.5

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**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	FAS-111 Au ppm	IMA-2Au Au ppm	ICP-130 Ag ppm	ICP-130 Al %	ICP-130 As ppm	ICP-130 B ppm	ICP-130 Ba ppm	ICP-130 Be ppm
DUP 69+50N 27+75E		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
DUP 65+00N 27+25E					0.0141	0.3	2.39	5	<10	130	0.6
DUP 66+00N 28+50E					0.0057						
DUP 66+50N 25+75E					0.0120						
DUP 68+00N 25+50E					0.1298						
DUP 68+00N 27+25E					0.0028						
DUP 69+00N 28+25E					0.0161						
STD BLANK				<0.005		<0.2	<0.01	<2	<10	<10	<0.5
STD BLANK						<0.2	<0.01	<2	<10	<10	<0.5
STD BLANK						<0.2	<0.01	<2	<10	<10	<0.5
STD BLANK						<0.2	<0.01	<2	<10	<10	<0.5
STD BLANK					<0.0005	<0.2	<0.01	<2	<10	<10	<0.5
STD BLANK					<0.0005						
STD BLANK					<0.0005						
STD BLANK					<0.0005						
STD BLANK					<0.0005						
STD BLANK					<0.0005						

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**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	FAS-111 Au ppm	IMA-2Au Au ppm	ICP-130 Ag ppm	ICP-130 Al %	ICP-130 As ppm	ICP-130 B ppm	ICP-130 Ba ppm	ICP-130 Be ppm
		0.01	LOR	0.005	0.0005	0.2	0.01	2	10	10	0.5
STD CDN-GS-P4C				0.355							
STD OREAS 24b						<0.2	3.09	7	<10	151	1.6
STD CDN-CM-38						5.7	1.06	34	<10	48	<0.5
STD GBM908-10						2.7	0.95	53	<10	99	<0.5
STD CDN-CM-38						6.0	1.05	35	<10	47	<0.5
STD OREAS 24b						<0.2	3.14	6	<10	150	1.6
STD OREAS 904						<0.2	1.27	88	17	67	6.5
STD OREAS 504					1.4648						
STD OREAS 601					0.7756						
STD OREAS 24b					0.0024						
STD OREAS 504					1.4068						
STD OREAS 601					0.7722						
STD OREAS 504					1.4469						

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**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm
FNDJ-001	<2	0.06	0.8	13	193	27	2.57	<10	<1	0.19	<10
FNBD-001	<2	0.03	<0.5	3	283	15	0.42	<10	<1	0.02	<10
63+50N 27+25E	<2	0.33	<0.5	31	121	122	4.26	13	<1	0.32	<10
63+50N 27+50E	<2	0.33	<0.5	23	94	113	3.03	11	<1	0.16	<10
63+50N 27+75E	<2	0.39	<0.5	30	128	132	3.81	11	<1	0.35	<10
63+50N 28+00E	<2	0.40	<0.5	21	49	86	2.80	<10	<1	0.15	<10
64+00N 27+00E	<2	0.36	1.1	27	56	78	3.68	<10	<1	0.18	<10
64+00N 27+25E	<2	0.38	<0.5	20	71	93	3.66	<10	<1	0.30	<10
64+00N 27+50E	<2	0.34	<0.5	26	78	143	4.41	12	<1	0.28	<10
64+00N 27+75E	2	0.53	<0.5	24	93	96	4.44	11	<1	0.63	<10
64+00N 28+00E	3	0.54	0.5	25	93	120	4.13	<10	<1	0.51	<10
64+00N 28+25E	2	0.33	<0.5	28	66	104	3.35	10	<1	0.19	<10
64+00N 28+50E	<2	0.31	<0.5	15	43	29	2.53	<10	<1	0.12	<10
64+00N 28+75E	<2	0.43	<0.5	22	67	82	4.02	10	<1	0.29	<10
64+50N 27+00E	<2	0.28	<0.5	12	27	28	1.97	<10	<1	0.11	<10
64+50N 27+25E	<2	0.29	<0.5	18	49	64	3.15	<10	<1	0.15	<10
64+50N 27+50E	<2	0.32	0.6	20	80	89	3.53	11	<1	0.21	<10
64+50N 27+75E	2	0.34	<0.5	20	62	38	3.11	<10	<1	0.15	<10
64+50N 28+00E	3	0.32	<0.5	19	57	51	3.16	<10	<1	0.16	<10
64+50N 28+25E	<2	0.31	<0.5	15	41	24	2.73	<10	<1	0.12	<10
64+50N 28+50E	<2	0.40	<0.5	16	51	32	3.05	<10	<1	0.10	<10
64+50N 28+75E	<2	0.36	<0.5	17	61	47	3.34	<10	<1	0.11	<10
64+50N 29+00E	<2	0.32	<0.5	19	70	98	3.41	<10	<1	0.20	<10
64+50N 29+25E	<2	0.32	<0.5	16	58	59	2.91	<10	<1	0.14	<10
65+00N 26+75E	<2	0.44	<0.5	24	74	73	3.25	10	<1	0.20	<10

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To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm
65+00N 27+00E	<2	0.46	<0.5	26	90	122	4.27	13	<1	0.37	<10
65+00N 27+25E	<2	0.37	<0.5	21	56	80	3.10	<10	<1	0.18	<10
65+00N 27+50E	<2	0.35	<0.5	19	52	65	3.49	<10	<1	0.14	<10
65+00N 27+75E	2	0.42	<0.5	21	65	128	4.02	<10	<1	0.21	<10
65+00N 28+00E	<2	0.35	<0.5	18	55	65	3.42	<10	<1	0.20	<10
65+00N 28+25E	<2	0.26	<0.5	13	37	19	2.55	<10	<1	0.08	<10
65+00N 28+50E	<2	0.25	<0.5	16	43	45	2.91	<10	<1	0.12	<10
65+00N 28+75E	<2	0.28	0.7	11	37	32	2.38	<10	<1	0.11	<10
65+00N 29+00E	<2	0.28	<0.5	13	36	32	2.56	<10	<1	0.09	<10
65+00N 29+25E	<2	0.22	<0.5	12	37	30	2.58	<10	<1	0.09	<10
65+50N 26+75E	<2	0.37	<0.5	17	57	58	2.68	<10	<1	0.16	<10
65+50N 27+00E	2	0.36	0.5	16	39	29	2.40	<10	<1	0.12	<10
65+50N 27+25E	2	0.27	<0.5	15	40	37	2.73	<10	<1	0.12	<10
65+50N 27+50E	<2	0.29	<0.5	16	46	52	2.96	<10	<1	0.12	<10
65+50N 27+75E	<2	0.25	<0.5	14	36	57	2.78	<10	<1	0.09	<10
65+50N 28+00E	<2	0.18	<0.5	9	18	16	1.94	<10	<1	0.06	<10
65+50N 28+25E	<2	0.25	<0.5	17	66	81	3.78	15	<1	0.28	<10
65+50N 28+50E	3	0.31	<0.5	17	51	54	2.77	<10	<1	0.21	<10
65+50N 28+75E	<2	0.24	<0.5	20	74	91	4.01	13	<1	0.27	<10
65+50N 29+00E	<2	0.34	<0.5	16	53	37	3.11	<10	<1	0.13	<10
65+50N 29+25E	4	0.29	<0.5	23	73	92	3.91	13	<1	0.33	<10
65+50N 29+50E	<2	0.33	<0.5	19	59	65	3.83	11	<1	0.14	<10
65+50N 29+75E	3	0.22	<0.5	24	57	78	3.92	14	<1	0.16	<10
65+50N 30+00E	<2	0.22	<0.5	13	30	29	2.34	<10	<1	0.06	<10
66+00N 25+00E	<2	0.29	<0.5	21	67	55	3.37	<10	<1	0.10	<10

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**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm
66+00N 25+25E	4	0.32	<0.5	39	102	130	7.04	14	<1	0.43	<10
66+00N 25+50E	<2	0.30	<0.5	19	66	50	3.08	<10	<1	0.12	<10
66+00N 25+75E	<2	0.24	<0.5	19	69	60	2.69	<10	<1	0.14	<10
66+00N 26+00E	<2	0.37	<0.5	15	57	23	2.43	<10	<1	0.12	<10
66+00N 26+25E	2	0.44	<0.5	19	54	42	3.04	<10	<1	0.15	<10
66+00N 26+50E	<2	0.36	<0.5	21	59	73	3.36	<10	<1	0.14	<10
66+00N 26+75E	<2	0.26	<0.5	12	35	34	2.37	<10	<1	0.11	<10
66+00N 27+00E	<2	0.23	<0.5	14	35	26	2.50	<10	<1	0.10	<10
66+00N 27+25E	<2	0.21	<0.5	12	29	42	2.48	<10	<1	0.09	<10
66+00N 27+50E	<2	0.32	<0.5	15	36	45	2.87	<10	<1	0.10	<10
66+00N 27+75E	<2	0.57	<0.5	21	66	112	4.16	<10	<1	0.56	<10
66+00N 28+00E	2	0.39	<0.5	21	64	80	3.96	10	<1	0.32	<10
66+00N 28+25E	2	0.34	<0.5	17	40	66	3.24	<10	<1	0.25	<10
66+00N 28+50E	<2	0.21	<0.5	16	31	42	2.59	<10	<1	0.10	<10
66+00N 28+75E	<2	0.17	0.5	11	27	17	2.26	<10	<1	0.06	<10
66+00N 29+00E	3	0.57	<0.5	22	70	139	4.32	11	<1	0.52	<10
66+00N 29+25E	3	0.31	<0.5	22	51	86	3.60	11	<1	0.13	<10
66+00N 29+50E	<2	0.24	<0.5	15	27	32	2.61	11	<1	0.06	<10
66+00N 29+75E	<2	0.31	<0.5	15	48	58	2.87	<10	<1	0.15	<10
66+00N 30+00E	<2	0.43	<0.5	21	62	93	4.36	<10	<1	0.39	<10
66+50N 24+75E	3	0.32	<0.5	24	111	116	4.03	13	<1	0.21	<10
66+50N 25+00E	<2	0.37	<0.5	20	78	50	3.33	<10	<1	0.17	<10
66+50N 25+25E	3	0.30	<0.5	18	66	41	3.10	<10	<1	0.13	<10
66+50N 25+50E	<2	0.27	<0.5	17	47	45	3.03	11	<1	0.16	<10
66+50N 25+75E	<2	0.22	<0.5	16	51	30	2.87	<10	<1	0.10	<10

\*\*\*Please refer to the cover page for comments regarding this certificate.\*\*\*



An A2 Global Company

MS Analytical  
 Unit 1, 20120 102nd Avenue  
 Langley, BC V1M 4B4  
 Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm
66+50N 26+00E	<2	0.30	<0.5	17	47	32	3.03	<10	<1	0.13	<10
66+50N 26+25E	2	0.31	<0.5	14	42	20	2.69	<10	<1	0.09	<10
66+50N 26+50E	<2	0.29	<0.5	15	44	48	2.97	<10	<1	0.14	<10
66+50N 26+75E	<2	0.23	<0.5	12	29	44	2.33	<10	<1	0.09	<10
66+50N 27+00E	<2	0.29	<0.5	16	34	56	2.96	10	<1	0.09	<10
66+50N 27+25E	<2	0.21	<0.5	16	33	42	2.95	11	<1	0.08	<10
66+50N 27+50E	<2	0.60	<0.5	19	51	84	3.31	<10	<1	0.41	<10
66+50N 27+75E	<2	1.37	1.1	14	56	109	2.79	<10	<1	0.45	<10
66+50N 28+00E	<2	0.53	<0.5	22	69	131	4.31	11	<1	0.49	<10
66+50N 28+25E	<2	0.21	<0.5	18	60	128	3.92	15	<1	0.28	<10
66+50N 28+50E	<2	0.33	<0.5	19	50	62	3.26	11	<1	0.18	<10
66+50N 28+75E	<2	0.30	<0.5	18	45	48	3.10	<10	<1	0.16	<10
66+50N 29+00E	3	0.50	<0.5	23	73	114	4.49	11	<1	0.68	<10
66+50N 29+25E	<2	0.39	<0.5	16	51	61	3.39	<10	<1	0.21	<10
66+50N 29+50E	<2	0.25	<0.5	16	38	63	2.87	<10	<1	0.09	<10
66+50N 29+75E	<2	0.33	<0.5	20	51	47	3.51	11	<1	0.08	<10
66+50N 30+00E	<2	0.22	<0.5	23	44	50	3.12	11	<1	0.09	<10
67+00N 24+50E	2	0.23	<0.5	39	123	108	3.92	12	<1	0.11	<10
67+00N 24+75E	<2	0.32	0.5	19	71	63	3.13	<10	<1	0.12	<10
67+00N 25+00N	<2	0.36	0.6	15	46	39	2.74	<10	<1	0.11	<10
67+00N 25+25E	<2	0.36	<0.5	18	53	55	3.36	<10	<1	0.15	<10
67+00N 25+50E	<2	0.30	<0.5	15	48	60	2.98	<10	<1	0.16	<10
67+00N 25+75E	<2	0.33	<0.5	13	36	63	2.94	<10	<1	0.10	<10
67+00N 26+00E	<2	0.31	<0.5	12	30	39	2.69	<10	<1	0.10	<10
67+00N 26+25E	<2	0.32	<0.5	13	38	45	2.67	<10	<1	0.11	<10

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An A2 Global Company

MS Analytical  
 Unit 1, 20120 102nd Avenue  
 Langley, BC V1M 4B4  
 Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm
67+00N 26+50E	<2	0.27	<0.5	12	31	46	2.67	<10	<1	0.10	<10
67+00N 26+75E	<2	0.27	<0.5	10	24	44	2.56	<10	<1	0.09	<10
67+00N 27+00E	<2	0.16	<0.5	10	18	20	2.14	<10	<1	0.05	<10
67+00N 27+25E	<2	0.35	<0.5	18	56	77	3.63	<10	<1	0.19	<10
67+00N 27+50E	<2	0.20	<0.5	12	26	40	2.34	10	<1	0.08	<10
67+00N 27+75E	<2	0.26	0.5	14	34	39	2.89	10	<1	0.13	<10
67+00N 28+00E	<2	0.44	<0.5	16	57	115	4.50	15	<1	0.22	<10
67+00N 28+25E	<2	0.53	<0.5	21	61	109	3.89	<10	<1	0.40	<10
67+00N 28+50E	<2	0.23	<0.5	19	36	60	3.02	11	<1	0.10	<10
67+00N 28+75E	<2	0.19	<0.5	15	30	48	2.83	11	<1	0.09	<10
67+00N 29+00E	<2	0.14	<0.5	10	26	27	2.42	10	<1	0.05	<10
67+00N 29+25E	3	0.44	0.6	18	57	89	3.96	11	<1	0.15	<10
67+00N 29+50E	<2	0.18	<0.5	12	23	15	2.32	<10	<1	0.05	<10
67+00N 29+75E	<2	0.35	<0.5	17	62	108	3.48	11	<1	0.12	<10
67+50N 24+25E	2	0.39	<0.5	34	104	113	4.02	<10	<1	0.12	<10
67+50N 24+50E	<2	0.30	0.9	17	52	51	3.16	<10	<1	0.12	<10
67+50N 24+75E	<2	0.31	0.7	16	35	40	2.65	<10	<1	0.11	<10
67+50N 25+00E	2	0.37	0.6	30	87	55	2.96	<10	<1	0.13	<10
67+50N 25+25E	<2	0.31	<0.5	13	35	104	2.99	<10	<1	0.12	<10
67+50N 25+50E	<2	0.34	<0.5	16	50	87	3.42	<10	<1	0.19	<10
67+50N 25+75E	<2	0.30	<0.5	10	25	28	2.53	<10	<1	0.09	<10
67+50N 26+00E	<2	0.29	<0.5	12	25	69	2.67	<10	<1	0.11	<10
67+50N 26+25E	<2	0.26	<0.5	13	30	99	2.98	<10	<1	0.13	<10
67+50N 26+50E	<2	0.23	0.5	11	24	24	2.75	<10	<1	0.07	<10
67+50N 26+75E	<2	0.37	<0.5	13	37	125	3.22	<10	<1	0.16	<10

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 Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm
67+50N 27+00E	<2	0.17	<0.5	11	19	29	2.26	<10	<1	0.07	<10
67+50N 27+25N	<2	0.19	<0.5	12	29	38	2.35	<10	<1	0.07	<10
67+50N 27+50N	3	0.27	<0.5	15	39	58	3.17	<10	<1	0.08	<10
67+50N 27+75E	<2	0.21	<0.5	12	30	39	2.58	<10	<1	0.07	<10
67+50N 28+00E	3	0.18	0.5	14	38	43	2.91	<10	<1	0.06	<10
68+00N 24+00E	2	0.32	0.9	18	58	80	3.29	<10	<1	0.16	<10
68+00N 24+25E	<2	0.24	<0.5	13	27	45	2.80	11	<1	0.11	<10
68+00N 24+50E	<2	0.33	0.7	12	30	25	2.49	<10	<1	0.12	<10
68+00N 24+75E	<2	0.47	0.6	13	35	55	2.87	<10	<1	0.16	<10
68+00N 25+00E	<2	0.39	0.5	16	53	112	3.15	<10	<1	0.19	<10
68+00N 25+25E	7	0.61	<0.5	60	188	922	9.50	20	<1	2.60	<10
68+00N 25+50E	3	0.40	0.6	23	85	99	3.85	<10	<1	0.33	<10
68+00N 25+75E	4	0.52	<0.5	36	194	208	7.70	19	<1	1.51	12
68+00N 26+00E	2	0.51	<0.5	15	49	118	3.22	<10	<1	0.15	<10
68+00N 26+25E	<2	0.27	<0.5	12	34	69	2.96	<10	<1	0.10	<10
68+00N 26+50E	3	0.22	<0.5	12	25	38	2.49	<10	<1	0.08	<10
68+00N 26+75E	<2	0.45	<0.5	17	53	101	3.68	<10	<1	0.19	<10
68+00N 27+00E	2	0.24	<0.5	12	32	51	2.59	<10	<1	0.08	<10
68+00N 27+25E	<2	0.16	<0.5	10	19	19	2.16	<10	<1	0.04	<10
68+00N 27+50E	2	0.18	<0.5	12	21	28	2.53	<10	<1	0.06	<10
68+00N 27+75E	4	0.45	<0.5	16	56	111	4.18	12	<1	0.14	<10
68+00N 28+00E	4	0.53	<0.5	21	63	100	4.05	10	<1	0.18	<10
68+50N 23+75E	<2	0.33	0.5	11	24	33	2.34	<10	<1	0.12	<10
68+50N 24+00E	2	0.39	<0.5	15	25	100	3.18	<10	<1	0.17	<10
68+50N 24+25E	2	0.37	0.8	20	44	44	2.29	<10	<1	0.12	<10

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 Unit 1, 20120 102nd Avenue  
 Langley, BC V1M 4B4  
 Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm
68+50N 24+50E	2	0.01	0.5	1	1	1	0.01	10	1	0.01	10
68+50N 24+75E	<2	0.38	<0.5	46	82	128	3.77	<10	<1	0.18	<10
68+50N 25+00E	<2	0.33	<0.5	38	94	203	4.30	13	<1	0.21	<10
68+50N 25+25E	<2	0.38	<0.5	15	39	111	3.20	<10	<1	0.15	<10
68+50N 25+50E	<2	0.30	<0.5	13	32	70	3.06	<10	<1	0.13	<10
68+50N 25+75E	<2	0.36	<0.5	29	62	110	3.59	<10	<1	0.18	<10
68+50N 26+00E	<2	0.29	<0.5	14	34	83	2.83	<10	<1	0.11	<10
68+50N 26+25E	2	0.27	<0.5	11	28	30	2.57	<10	<1	0.08	<10
68+50N 26+50E	<2	0.23	<0.5	11	28	41	2.48	<10	<1	0.07	<10
68+50N 26+75E	<2	0.21	<0.5	10	24	46	2.19	<10	<1	0.06	<10
68+50N 27+00E	<2	0.53	<0.5	17	57	119	4.20	<10	<1	0.18	<10
68+50N 27+25E	<2	0.20	<0.5	10	26	48	2.36	<10	<1	0.06	<10
68+50N 27+50E	3	0.22	<0.5	13	22	42	2.53	<10	<1	0.07	<10
68+50N 27+75E	3	0.75	<0.5	17	40	191	4.13	<10	<1	0.30	10
68+50N 28+00E	2	0.22	<0.5	11	23	51	2.37	<10	<1	0.08	<10
69+00N 24+00E	2	0.36	<0.5	15	47	81	3.22	<10	<1	0.25	<10
69+00N 24+25E	3	0.31	<0.5	39	111	101	3.77	11	<1	0.20	<10
69+00N 24+50E	3	0.49	<0.5	15	50	62	3.03	<10	<1	0.14	<10
69+00N 24+75E	2	0.41	<0.5	31	71	119	4.14	11	<1	0.31	<10
69+00N 25+00E	<2	0.48	<0.5	16	55	90	3.45	<10	<1	0.19	<10
69+00N 25+25E	<2	0.43	<0.5	13	33	205	3.28	<10	<1	0.15	<10
69+00N 25+50E	<2	0.29	0.6	13	30	75	2.89	<10	<1	0.09	<10
69+00N 25+75E	2	0.28	<0.5	12	29	41	2.74	<10	<1	0.09	<10
69+00N 26+00E	<2	0.20	<0.5	11	26	95	2.59	<10	<1	0.08	<10
69+00N 26+25E	<2	0.12	<0.5	7	13	31	1.75	<10	<1	0.05	<10
69+00N 26+50E	3	0.15	<0.5	12	25	54	2.51	11	<1	0.08	<10

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 Unit 1, 20120 102nd Avenue  
 Langley, BC V1M 4B4  
 Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm
69+00N 26+50E	<2	0.14	<0.5	11	22	24	2.49	12	<1	0.05	<10
69+00N 26+75E	3	0.31	<0.5	15	42	92	3.35	10	<1	0.12	<10
69+00N 27+00E	<2	0.60	<0.5	19	63	211	4.63	11	<1	0.18	<10
69+00N 27+25E	3	0.44	<0.5	17	48	115	4.61	10	<1	0.14	<10
69+00N 27+50E	<2	0.21	<0.5	15	27	73	2.93	10	<1	0.07	<10
69+00N 27+75E	2	0.44	<0.5	21	55	166	4.26	13	<1	0.22	<10
69+00N 28+00E	<2	0.11	<0.5	9	11	36	1.89	<10	<1	0.04	<10
69+00N 28+25E	<2	0.17	<0.5	11	17	35	2.63	11	<1	0.06	<10
69+50N 26+50E	3	0.21	<0.5	12	16	50	2.58	11	<1	0.11	<10
69+50N 26+75E	2	0.92	<0.5	20	67	135	4.42	12	<1	0.31	20
69+50N 27+00E	<2	0.29	<0.5	18	37	101	3.68	11	<1	0.17	<10
69+50N 27+25E	3	0.31	<0.5	16	22	59	3.40	11	<1	0.17	<10
69+50N 27+50E	<2	0.35	<0.5	17	33	83	3.22	11	<1	0.17	<10
69+50N 27+75E	2	0.58	<0.5	22	44	167	4.75	12	<1	0.17	<10
69+50N 28+00E	2	0.35	<0.5	21	38	86	3.54	12	<1	0.13	<10
69+50N 28+25E	3	0.43	<0.5	24	56	91	4.03	11	<1	0.13	<10
DUP FNDJ-001	<2	0.06	0.7	13	199	27	2.56	<10	<1	0.19	<10
DUP 66+00N 29+00E	3	0.57	<0.5	22	71	141	4.38	11	<1	0.53	<10
DUP 66+50N 25+50E	<2	0.27	<0.5	16	47	44	3.00	10	<1	0.16	<10
DUP 68+00N 25+75E	3	0.52	<0.5	34	193	209	7.67	17	<1	1.50	12
DUP 68+00N 26+75E	2	0.45	<0.5	17	53	100	3.66	<10	<1	0.19	<10

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DUP 69+50N 27+75E	<2	0.56	<0.5	22	43	170	4.66	11	<1	0.17	<10
DUP 65+00N 27+25E											
DUP 66+00N 28+50E											
DUP 66+50N 25+75E											
DUP 68+00N 25+50E											
DUP 68+00N 27+25E											
DUP 69+00N 28+25E											
STD BLANK											
STD BLANK	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10
STD BLANK	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10
STD BLANK	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10
STD BLANK	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10
STD BLANK	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10
STD BLANK											
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STD BLANK											
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Sample ID	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm
STD CDN-GS-P4C	2	0.01	0.5	1	1	1	0.01	10	1	0.01	10
STD OREAS 24b	4	0.45	<0.5	15	103	38	3.85	14	<1	1.15	21
STD CDN-CM-38	<2	0.37	4.5	14	18	6618	6.33	<10	<1	0.31	<10
STD GBM908-10	<2	0.71	1.4	15	22	3489	2.59	<10	<1	0.41	31
STD CDN-CM-38	<2	0.37	4.8	13	18	6703	6.58	<10	<1	0.30	<10
STD OREAS 24b	5	0.46	<0.5	15	104	36	3.92	14	<1	1.11	21
STD OREAS 904	<2	0.04	<0.5	81	18	6305	6.10	<10	<1	0.62	21
STD OREAS 504											
STD OREAS 601											
STD OREAS 24b											
STD OREAS 504											
STD OREAS 601											
STD OREAS 504											

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An A2 Global Company

MS Analytical  
 Unit 1, 20120 102nd Avenue  
 Langley, BC V1M 4B4  
 Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Mg %	ICP-130 Mn ppm	ICP-130 Mo ppm	ICP-130 Na %	ICP-130 Ni ppm	ICP-130 P ppm	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sr ppm	ICP-130 Ti %
FNDJ-001	0.06	696	3	0.02	18	272	3	0.05	<2	7	<0.01
FNBD-001	0.01	120	<1	0.02	8	21	6	<0.01	<2	8	<0.01
63+50N 27+25E	1.71	1337	<1	0.02	63	1962	17	<0.01	<2	28	0.22
63+50N 27+50E	1.05	708	<1	0.02	66	2353	13	<0.01	<2	30	0.18
63+50N 27+75E	1.54	545	<1	0.02	72	1410	10	<0.01	<2	32	0.24
63+50N 28+00E	0.80	923	<1	0.02	38	1629	14	<0.01	<2	35	0.17
64+00N 27+00E	0.83	1753	<1	0.02	42	2120	51	0.01	<2	36	0.15
64+00N 27+25E	1.21	653	<1	0.02	33	1065	24	<0.01	<2	48	0.18
64+00N 27+50E	1.26	511	<1	0.02	54	1758	14	<0.01	<2	40	0.19
64+00N 27+75E	1.73	608	<1	0.02	43	974	10	<0.01	<2	60	0.23
64+00N 28+00E	1.61	820	<1	0.02	47	1472	26	0.01	3	65	0.23
64+00N 28+25E	1.13	960	<1	0.02	53	1782	15	<0.01	<2	35	0.20
64+00N 28+50E	0.56	781	<1	0.02	31	1864	9	<0.01	<2	37	0.15
64+00N 28+75E	1.33	667	<1	0.02	32	1076	13	<0.01	<2	56	0.22
64+50N 27+00E	0.39	1053	<1	0.03	27	2673	13	0.01	<2	28	0.12
64+50N 27+25E	0.80	652	<1	0.03	37	1850	13	<0.01	3	33	0.17
64+50N 27+50E	1.08	565	<1	0.02	40	2807	26	<0.01	<2	40	0.17
64+50N 27+75E	0.78	936	<1	0.02	36	1774	11	<0.01	<2	40	0.18
64+50N 28+00E	0.88	625	<1	0.02	35	2128	13	<0.01	<2	41	0.16
64+50N 28+25E	0.52	568	<1	0.02	23	1690	11	<0.01	<2	37	0.14
64+50N 28+50E	0.61	531	<1	0.02	23	1767	11	<0.01	<2	48	0.14
64+50N 28+75E	0.80	386	<1	0.02	27	1529	9	<0.01	<2	51	0.16
64+50N 29+00E	1.08	644	<1	0.02	35	605	15	0.01	<2	45	0.17
64+50N 29+25E	0.87	779	<1	0.02	28	742	17	<0.01	2	39	0.16
65+00N 26+75E	1.04	1481	<1	0.02	56	1542	22	0.01	<2	44	0.20

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An A2 Global Company

MS Analytical  
 Unit 1, 20120 102nd Avenue  
 Langley, BC V1M 4B4  
 Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Mg %	ICP-130 Mn ppm	ICP-130 Mo ppm	ICP-130 Na %	ICP-130 Ni ppm	ICP-130 P ppm	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sr ppm	ICP-130 Ti %
65+00N 27+00E	1.67	642	<1	0.02	71	1845	14	0.01	<2	57	0.31
65+00N 27+25E	0.96	894	<1	0.02	40	1046	10	<0.01	<2	39	0.18
65+00N 27+50E	0.79	943	<1	0.02	30	1256	11	<0.01	<2	42	0.16
65+00N 27+75E	1.19	386	<1	0.01	33	1311	12	0.01	<2	53	0.17
65+00N 28+00E	0.88	400	<1	0.02	35	1615	16	<0.01	<2	46	0.16
65+00N 28+25E	0.42	538	<1	0.02	19	1890	12	<0.01	<2	36	0.13
65+00N 28+50E	0.54	904	<1	0.02	32	1936	12	<0.01	<2	32	0.15
65+00N 28+75E	0.47	1291	<1	0.02	22	1474	84	0.03	3	30	0.13
65+00N 29+00E	0.46	504	<1	0.02	25	3240	12	0.01	2	37	0.14
65+00N 29+25E	0.45	600	<1	0.02	22	2161	11	<0.01	<2	29	0.14
65+50N 26+75E	0.72	487	<1	0.03	36	1335	11	<0.01	<2	39	0.16
65+50N 27+00E	0.53	1098	<1	0.02	27	1750	20	<0.01	<2	43	0.15
65+50N 27+25E	0.67	548	<1	0.03	28	1299	11	<0.01	<2	38	0.18
65+50N 27+50E	0.68	722	<1	0.02	28	1681	13	<0.01	<2	36	0.15
65+50N 27+75E	0.52	700	<1	0.02	23	1922	14	0.01	<2	33	0.15
65+50N 28+00E	0.20	641	<1	0.03	18	2566	12	<0.01	<2	21	0.14
65+50N 28+25E	1.04	631	<1	0.03	45	2875	22	0.02	<2	30	0.21
65+50N 28+50E	0.91	683	<1	0.02	27	517	30	0.01	4	38	0.17
65+50N 28+75E	1.18	629	<1	0.02	45	2041	16	0.02	3	34	0.21
65+50N 29+00E	0.93	708	<1	0.02	27	1475	11	<0.01	<2	45	0.19
65+50N 29+25E	1.36	677	<1	0.03	45	2069	13	0.01	<2	39	0.22
65+50N 29+50E	1.09	439	<1	0.02	34	1596	15	0.01	<2	45	0.22
65+50N 29+75E	0.91	902	<1	0.03	40	2570	20	0.01	2	28	0.22
65+50N 30+00E	0.41	498	<1	0.03	20	2392	10	0.02	3	26	0.16
66+00N 25+00E	0.88	1080	<1	0.02	36	1596	15	<0.01	<2	36	0.16

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**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Mg %	ICP-130 Mn ppm	ICP-130 Mo ppm	ICP-130 Na %	ICP-130 Ni ppm	ICP-130 P ppm	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sr ppm	ICP-130 Ti %
66+00N 25+25E	1.36	681	7	0.02	55	1030	16	0.06	3	40	0.16
66+00N 25+50E	0.87	965	<1	0.02	40	1606	14	<0.01	<2	35	0.17
66+00N 25+75E	0.84	545	<1	0.03	46	1689	9	0.01	<2	30	0.17
66+00N 26+00E	0.65	871	<1	0.02	33	1153	11	<0.01	<2	41	0.16
66+00N 26+25E	0.87	608	<1	0.02	35	1432	10	<0.01	<2	51	0.18
66+00N 26+50E	0.87	640	<1	0.02	32	1595	8	<0.01	<2	46	0.17
66+00N 26+75E	0.52	682	<1	0.02	24	2263	14	<0.01	<2	31	0.13
66+00N 27+00E	0.48	921	<1	0.03	25	1501	14	<0.01	2	32	0.14
66+00N 27+25E	0.40	804	<1	0.03	20	2323	11	<0.01	<2	29	0.13
66+00N 27+50E	0.52	869	<1	0.02	21	1653	19	<0.01	<2	40	0.14
66+00N 27+75E	1.55	589	<1	0.02	35	1679	9	0.01	<2	67	0.21
66+00N 28+00E	1.22	428	<1	0.02	34	1422	12	<0.01	<2	55	0.21
66+00N 28+25E	0.94	780	<1	0.02	26	2433	19	0.01	3	39	0.18
66+00N 28+50E	0.51	1093	<1	0.02	22	2410	19	0.01	<2	27	0.15
66+00N 28+75E	0.29	1000	<1	0.02	14	4004	32	0.02	3	20	0.12
66+00N 29+00E	1.54	739	<1	0.02	36	2025	15	<0.01	<2	65	0.21
66+00N 29+25E	0.96	729	<1	0.02	32	3165	13	0.01	<2	37	0.18
66+00N 29+50E	0.42	943	<1	0.03	19	3569	13	0.01	<2	28	0.15
66+00N 29+75E	0.86	915	<1	0.02	25	1507	29	0.02	<2	38	0.18
66+00N 30+00E	1.63	457	<1	0.01	33	883	12	<0.01	<2	54	0.23
66+50N 24+75E	1.42	408	<1	0.02	60	978	9	<0.01	3	37	0.20
66+50N 25+00E	1.07	1138	<1	0.02	46	1304	15	0.01	<2	40	0.17
66+50N 25+25E	0.81	855	<1	0.02	41	2263	11	0.01	<2	33	0.16
66+50N 25+50E	0.79	621	<1	0.02	32	2719	9	0.01	3	35	0.17
66+50N 25+75E	0.66	573	<1	0.02	31	2519	15	0.01	<2	29	0.16

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**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Mg %	ICP-130 Mn ppm	ICP-130 Mo ppm	ICP-130 Na %	ICP-130 Ni ppm	ICP-130 P ppm	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sr ppm	ICP-130 Ti %
66+50N 26+00E	0.81	579	<1	0.02	28	2250	16	<0.01	<2	43	0.16
66+50N 26+25E	0.49	828	<1	0.02	23	1755	8	<0.01	<2	43	0.14
66+50N 26+50E	0.63	742	<1	0.02	26	1896	11	<0.01	<2	39	0.15
66+50N 26+75E	0.45	506	<1	0.02	17	1214	9	<0.01	<2	30	0.12
66+50N 27+00E	0.59	503	<1	0.02	19	1483	14	<0.01	<2	37	0.16
66+50N 27+25E	0.47	1155	<1	0.02	18	2652	22	0.01	<2	27	0.15
66+50N 27+50E	1.14	520	<1	0.02	26	1530	7	0.01	<2	69	0.16
66+50N 27+75E	1.16	883	<1	0.02	35	1145	89	0.12	4	94	0.11
66+50N 28+00E	1.48	632	<1	0.02	35	1593	13	0.01	<2	64	0.19
66+50N 28+25E	1.00	667	<1	0.03	45	3190	14	0.02	<2	28	0.22
66+50N 28+50E	1.13	472	<1	0.02	29	864	12	<0.01	<2	38	0.19
66+50N 28+75E	0.88	830	<1	0.02	26	866	14	<0.01	<2	37	0.18
66+50N 29+00E	1.75	780	<1	0.02	37	1398	11	0.01	<2	55	0.24
66+50N 29+25E	0.90	754	<1	0.02	24	1450	21	0.01	<2	51	0.18
66+50N 29+50E	0.70	495	<1	0.02	23	2199	12	0.02	<2	30	0.17
66+50N 29+75E	0.90	625	<1	0.02	24	1151	13	<0.01	<2	42	0.20
66+50N 30+00E	0.66	729	<1	0.02	29	1993	16	0.02	<2	28	0.19
67+00N 24+50E	1.13	663	<1	0.02	79	2160	22	<0.01	<2	26	0.17
67+00N 24+75E	0.77	955	<1	0.03	48	2545	14	0.02	<2	34	0.14
67+00N 25+00N	0.64	937	<1	0.03	31	3075	25	0.01	<2	42	0.14
67+00N 25+25E	0.91	535	<1	0.02	30	1853	11	<0.01	<2	50	0.17
67+00N 25+50E	0.76	661	<1	0.03	34	2116	10	0.01	<2	38	0.16
67+00N 25+75E	0.55	624	<1	0.02	24	1455	15	<0.01	3	37	0.14
67+00N 26+00E	0.48	351	<1	0.02	13	851	17	<0.01	<2	39	0.13
67+00N 26+25E	0.54	578	<1	0.02	25	1870	11	0.01	<2	36	0.13

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**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Mg %	ICP-130 Mn ppm	ICP-130 Mo ppm	ICP-130 Na %	ICP-130 Ni ppm	ICP-130 P ppm	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sr ppm	ICP-130 Ti %
67+00N 26+50E	0.44	934	<1	0.03	24	2177	12	0.02	<2	32	0.13
67+00N 26+75E	0.35	754	<1	0.03	21	3282	12	0.01	<2	31	0.13
67+00N 27+00E	0.19	1314	<1	0.02	13	3500	15	0.02	<2	21	0.12
67+00N 27+25E	1.15	443	<1	0.02	30	981	11	0.01	<2	48	0.16
67+00N 27+50E	0.42	517	<1	0.03	27	2100	13	0.01	<2	25	0.16
67+00N 27+75E	0.56	793	<1	0.03	19	4396	14	0.01	2	32	0.16
67+00N 28+00E	1.01	321	<1	0.03	35	2284	19	0.02	<2	42	0.21
67+00N 28+25E	1.30	971	<1	0.02	27	1903	21	0.02	<2	61	0.19
67+00N 28+50E	0.65	854	<1	0.03	31	1963	19	0.01	<2	28	0.18
67+00N 28+75E	0.52	1403	<1	0.03	25	3233	17	0.01	<2	24	0.17
67+00N 29+00E	0.27	1686	<1	0.02	15	2429	16	0.01	<2	19	0.16
67+00N 29+25E	1.08	1212	<1	0.02	30	2157	21	0.01	<2	51	0.18
67+00N 29+50E	0.30	1503	<1	0.02	10	1977	19	<0.01	<2	24	0.16
67+00N 29+75E	1.04	491	<1	0.03	36	1832	20	0.01	2	40	0.23
67+50N 24+25E	1.03	794	<1	0.02	53	1908	15	<0.01	<2	43	0.17
67+50N 24+50E	0.63	1028	<1	0.03	36	3504	20	0.01	<2	36	0.15
67+50N 24+75E	0.45	1488	<1	0.03	29	2772	15	0.01	2	36	0.14
67+50N 25+00E	0.73	1310	<1	0.03	57	3340	11	<0.01	<2	41	0.15
67+50N 25+25E	0.61	630	<1	0.03	24	2838	13	0.01	3	36	0.15
67+50N 25+50E	0.93	420	<1	0.02	28	1475	13	0.01	<2	43	0.16
67+50N 25+75E	0.31	1056	<1	0.03	17	2148	13	0.01	<2	35	0.12
67+50N 26+00E	0.45	665	<1	0.03	21	2187	14	0.01	<2	37	0.13
67+50N 26+25E	0.50	796	<1	0.03	23	2045	14	<0.01	2	33	0.15
67+50N 26+50E	0.32	585	<1	0.02	13	2215	18	0.01	<2	29	0.13
67+50N 26+75E	0.70	416	<1	0.02	21	1574	17	<0.01	<2	44	0.15

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**T2M 3R2**

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Project Name: 49ER  
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67+50N 27+00E	0.29	1287	1	0.03	16	3270	17	0.02	2	21	0.14
67+50N 27+25N	0.46	934	<1	0.02	19	2196	14	0.01	<2	27	0.14
67+50N 27+50N	0.64	921	<1	0.02	18	3785	14	0.01	<2	41	0.17
67+50N 27+75E	0.46	1243	<1	0.02	12	1736	13	<0.01	2	29	0.13
67+50N 28+00E	0.56	924	<1	0.02	17	3869	37	0.01	<2	26	0.16
68+00N 24+00E	0.76	990	<1	0.03	36	3801	25	0.01	3	39	0.16
68+00N 24+25E	0.38	309	1	0.03	19	1019	17	0.01	3	27	0.17
68+00N 24+50E	0.38	1720	<1	0.03	20	1949	19	<0.01	<2	44	0.14
68+00N 24+75E	0.58	1246	<1	0.03	22	2880	16	0.01	<2	56	0.13
68+00N 25+00E	0.80	534	<1	0.03	34	2092	14	0.01	3	44	0.16
68+00N 25+25E	3.95	2243	2	0.02	69	1568	14	0.05	2	29	0.31
68+00N 25+50E	1.31	1504	<1	0.03	41	2451	12	0.01	<2	47	0.18
68+00N 25+75E	2.96	874	4	0.03	74	1826	8	0.24	4	103	0.35
68+00N 26+00E	0.91	329	<1	0.02	24	1428	12	<0.01	<2	60	0.16
68+00N 26+25E	0.53	423	<1	0.02	20	1893	13	0.01	<2	36	0.13
68+00N 26+50E	0.40	711	<1	0.03	18	3093	13	0.01	<2	29	0.14
68+00N 26+75E	0.89	375	<1	0.02	24	1313	10	<0.01	3	65	0.18
68+00N 27+00E	0.50	929	<1	0.03	22	1910	15	0.01	4	35	0.18
68+00N 27+25E	0.20	740	<1	0.03	14	3331	13	0.02	<2	24	0.16
68+00N 27+50E	0.29	1247	<1	0.03	13	4541	18	0.01	<2	24	0.16
68+00N 27+75E	1.14	403	<1	0.02	25	1865	22	<0.01	<2	64	0.23
68+00N 28+00E	1.33	1425	<1	0.02	27	1234	18	<0.01	<2	65	0.21
68+50N 23+75E	0.36	1191	<1	0.04	20	3979	15	<0.01	2	46	0.14
68+50N 24+00E	0.65	446	1	0.03	22	1104	20	0.01	<2	44	0.19
68+50N 24+25E	0.52	781	<1	0.03	27	1488	11	<0.01	<2	40	0.13

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**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Mg %	ICP-130 Mn ppm	ICP-130 Mo ppm	ICP-130 Na %	ICP-130 Ni ppm	ICP-130 P ppm	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sr ppm	ICP-130 Ti %
68+50N 24+50E	0.99	1105	<1	0.02	47	2099	23	0.01	<2	52	0.17
68+50N 24+75E	1.20	588	<1	0.03	71	2050	24	0.01	<2	35	0.21
68+50N 25+00E	0.67	558	<1	0.02	25	1807	16	<0.01	3	44	0.15
68+50N 25+25E	0.58	534	<1	0.02	23	1720	14	<0.01	<2	41	0.15
68+50N 25+50E	0.91	803	<1	0.02	33	1510	14	<0.01	2	44	0.17
68+50N 25+75E	0.61	264	<1	0.03	24	1530	13	<0.01	<2	41	0.16
68+50N 26+00E	0.33	408	<1	0.03	16	1993	15	<0.01	<2	36	0.14
68+50N 26+25E	0.36	649	<1	0.03	16	2742	10	0.01	2	31	0.14
68+50N 26+50E	0.32	845	<1	0.03	16	1884	13	0.01	<2	28	0.16
68+50N 26+75E	1.08	530	<1	0.02	23	2075	22	<0.01	<2	77	0.19
68+50N 27+00E	0.38	904	<1	0.03	16	2454	16	0.02	4	28	0.16
68+50N 27+25E	0.41	998	<1	0.03	16	3877	13	0.01	<2	36	0.16
68+50N 27+50E	1.25	545	<1	0.02	21	3070	18	<0.01	3	112	0.20
68+50N 27+75E	0.46	1045	<1	0.03	15	3532	20	0.02	2	26	0.15
68+50N 28+00E	0.88	886	<1	0.02	20	2653	24	0.01	<2	44	0.17
69+00N 24+00E	1.23	666	<1	0.02	74	1548	13	0.02	<2	39	0.19
69+00N 24+25E	0.85	296	<1	0.02	22	691	11	<0.01	<2	58	0.18
69+00N 24+50E	1.26	614	<1	0.02	39	1238	15	<0.01	<2	57	0.21
69+00N 24+75E	1.07	388	<1	0.02	24	1150	12	<0.01	4	62	0.18
69+00N 25+00E	0.80	307	<1	0.02	16	1303	15	0.01	<2	52	0.14
69+00N 25+25E	0.52	366	<1	0.03	19	1597	17	0.01	<2	39	0.15
69+00N 25+50E	0.48	685	<1	0.02	15	2201	14	<0.01	<2	42	0.14
69+00N 25+75E	0.44	505	<1	0.03	19	2314	15	0.01	<2	31	0.17
69+00N 26+00E	0.16	1458	<1	0.03	15	2714	12	0.02	<2	15	0.14
69+00N 26+25E	0.42	879	<1	0.03	16	3232	13	0.02	<2	18	0.17

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An A2 Global Company

MS Analytical  
 Unit 1, 20120 102nd Avenue  
 Langley, BC V1M 4B4  
 Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
 Job Received Date: 03-Jan-2017  
 Job Report Date: 16-Jan-2017  
 Report Version: R1

Sample ID	ICP-130 Mg %	ICP-130 Mn ppm	ICP-130 Mo ppm	ICP-130 Na %	ICP-130 Ni ppm	ICP-130 P ppm	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sr ppm	ICP-130 Ti %
69+00N 26+50E	0.23	573	1	0.03	13	2270	14	0.02	<2	22	0.17
69+00N 26+75E	0.80	498	<1	0.03	23	2801	13	<0.01	<2	45	0.18
69+00N 27+00E	1.24	559	<1	0.02	29	2600	19	0.01	<2	108	0.22
69+00N 27+25E	0.99	421	<1	0.02	21	2036	17	0.01	2	61	0.18
69+00N 27+50E	0.45	723	<1	0.03	17	3451	13	0.02	3	32	0.16
69+00N 27+75E	1.17	920	<1	0.02	32	1500	39	0.01	<2	54	0.22
69+00N 28+00E	0.15	873	<1	0.03	13	2229	12	0.01	2	13	0.16
69+00N 28+25E	0.32	1032	<1	0.03	13	4486	18	0.02	<2	20	0.17
69+50N 26+50E	0.59	660	<1	0.03	16	2243	16	0.03	3	28	0.19
69+50N 26+75E	1.51	735	<1	0.03	42	4464	17	0.01	<2	247	0.29
69+50N 27+00E	0.79	905	<1	0.03	22	3521	24	0.02	<2	37	0.18
69+50N 27+25E	0.72	1534	<1	0.03	20	2556	18	0.02	<2	34	0.20
69+50N 27+50E	0.80	1165	<1	0.03	20	2799	28	0.02	4	42	0.19
69+50N 27+75E	1.39	499	<1	0.02	22	2283	31	<0.01	2	65	0.22
69+50N 28+00E	0.93	909	<1	0.02	20	1879	26	0.01	<2	44	0.21
69+50N 28+25E	1.07	1382	<1	0.02	29	1958	35	0.01	<2	50	0.21
DUP FNDJ-001	0.06	690	3	0.02	17	270	3	0.05	<2	6	<0.01
DUP 66+00N 29+00E	1.57	757	<1	0.02	37	2053	13	<0.01	<2	65	0.22
DUP 66+50N 25+50E	0.78	605	<1	0.02	31	2651	9	0.01	<2	35	0.16
DUP 68+00N 25+75E	2.92	859	4	0.03	71	1824	8	0.24	<2	102	0.35
DUP 68+00N 26+75E	0.88	372	<1	0.02	23	1317	13	<0.01	<2	66	0.17

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**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
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DUP 69+50N 27+75E	1.38	495	<1	0.02	22	2204	30	<0.01	3	63	0.22
DUP 65+00N 27+25E											
DUP 66+00N 28+50E											
DUP 66+50N 25+75E											
DUP 68+00N 25+50E											
DUP 68+00N 27+25E											
DUP 69+00N 28+25E											
STD BLANK											
STD BLANK	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<0.01
STD BLANK	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<0.01
STD BLANK	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<0.01
STD BLANK	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<0.01
STD BLANK	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<0.01
STD BLANK											
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STD CDN-GS-P4C	0.01	5	1	0.01	1	10	2	0.01	2	1	0.01
STD OREAS 24b	1.35	339	4	0.11	56	604	13	0.19	<2	30	0.20
STD CDN-CM-38	0.31	592	174	0.02	16	439	106	4.79	4	32	0.01
STD GBM908-10	0.52	281	58	0.14	2167	804	1955	0.35	<2	39	0.31
STD CDN-CM-38	0.31	602	178	0.02	14	441	98	4.65	4	34	0.01
STD OREAS 24b	1.39	350	3	0.11	52	621	11	0.19	<2	31	0.21
STD OREAS 904	0.14	391	1	0.01	33	932	10	0.03	<2	17	<0.01
STD OREAS 504											
STD OREAS 601											
STD OREAS 24b											
STD OREAS 504											
STD OREAS 601											
STD OREAS 504											

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FNDJ-001	<10	34	<10	28	<5
FNBD-001	<10	5	<10	4	<5
63+50N 27+25E	<10	107	<10	121	<5
63+50N 27+50E	<10	65	<10	88	9
63+50N 27+75E	<10	89	<10	94	6
63+50N 28+00E	<10	56	<10	155	<5
64+00N 27+00E	<10	69	<10	125	<5
64+00N 27+25E	<10	88	<10	78	<5
64+00N 27+50E	<10	95	<10	109	6
64+00N 27+75E	<10	113	<10	77	<5
64+00N 28+00E	<10	101	<10	87	<5
64+00N 28+25E	<10	72	<10	123	<5
64+00N 28+50E	<10	53	<10	86	<5
64+00N 28+75E	<10	99	<10	82	<5
64+50N 27+00E	<10	37	<10	85	<5
64+50N 27+25E	<10	68	<10	92	11
64+50N 27+50E	<10	73	<10	120	7
64+50N 27+75E	<10	63	<10	83	6
64+50N 28+00E	<10	68	<10	85	<5
64+50N 28+25E	<10	58	<10	91	<5
64+50N 28+50E	<10	66	<10	90	<5
64+50N 28+75E	<10	76	<10	78	<5
64+50N 29+00E	<10	84	<10	73	<5
64+50N 29+25E	<10	74	<10	74	<5
65+00N 26+75E	<10	64	<10	108	<5

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65+00N 27+00E	<10	88	<10	97	14
65+00N 27+25E	<10	68	<10	85	<5
65+00N 27+50E	<10	72	<10	94	<5
65+00N 27+75E	<10	89	<10	73	<5
65+00N 28+00E	<10	73	<10	82	9
65+00N 28+25E	<10	52	<10	80	<5
65+00N 28+50E	<10	57	<10	111	6
65+00N 28+75E	<10	53	<10	93	<5
65+00N 29+00E	<10	54	<10	119	7
65+00N 29+25E	<10	54	<10	101	<5
65+50N 26+75E	<10	59	<10	77	12
65+50N 27+00E	<10	49	<10	83	5
65+50N 27+25E	<10	60	<10	71	7
65+50N 27+50E	<10	62	<10	69	<5
65+50N 27+75E	<10	61	<10	63	8
65+50N 28+00E	<10	37	<10	66	12
65+50N 28+25E	<10	80	<10	94	<5
65+50N 28+50E	<10	69	<10	70	<5
65+50N 28+75E	<10	89	<10	144	7
65+50N 29+00E	<10	76	<10	103	<5
65+50N 29+25E	<10	96	<10	126	6
65+50N 29+50E	<10	96	<10	114	6
65+50N 29+75E	<10	88	<10	113	10
65+50N 30+00E	<10	52	<10	84	6
66+00N 25+00E	<10	71	<10	89	<5

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Project Name: 49ER  
Job Received Date: 03-Jan-2017  
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Sample ID	ICP-130 Tl ppm 10	ICP-130 V ppm 1	ICP-130 W ppm 10	ICP-130 Zn ppm 2	ICP-130 Zr ppm 5
66+00N 25+25E	<10	154	<10	78	<5
66+00N 25+50E	<10	65	<10	97	<5
66+00N 25+75E	<10	57	<10	88	12
66+00N 26+00E	<10	52	<10	67	<5
66+00N 26+25E	<10	63	<10	89	<5
66+00N 26+50E	<10	75	<10	81	5
66+00N 26+75E	<10	49	<10	71	<5
66+00N 27+00E	<10	51	<10	83	8
66+00N 27+25E	<10	50	<10	86	<5
66+00N 27+50E	<10	61	<10	124	<5
66+00N 27+75E	<10	109	<10	65	<5
66+00N 28+00E	<10	95	<10	69	<5
66+00N 28+25E	<10	79	<10	89	12
66+00N 28+50E	<10	59	<10	113	6
66+00N 28+75E	<10	47	<10	104	<5
66+00N 29+00E	<10	117	<10	86	<5
66+00N 29+25E	<10	90	<10	135	<5
66+00N 29+50E	<10	55	<10	74	7
66+00N 29+75E	<10	77	<10	77	<5
66+00N 30+00E	<10	122	<10	64	<5
66+50N 24+75E	<10	96	<10	78	9
66+50N 25+00E	<10	74	<10	91	<5
66+50N 25+25E	<10	65	<10	100	<5
66+50N 25+50E	<10	64	<10	85	6
66+50N 25+75E	<10	59	<10	90	<5

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66+50N 26+00E	<10	66	<10	87	<5
66+50N 26+25E	<10	57	<10	85	<5
66+50N 26+50E	<10	64	<10	76	5
66+50N 26+75E	<10	52	<10	69	<5
66+50N 27+00E	<10	67	<10	90	<5
66+50N 27+25E	<10	64	<10	113	8
66+50N 27+50E	<10	91	<10	46	<5
66+50N 27+75E	<10	84	<10	65	<5
66+50N 28+00E	<10	117	<10	69	<5
66+50N 28+25E	<10	99	<10	89	19
66+50N 28+50E	<10	95	<10	103	<5
66+50N 28+75E	<10	82	<10	87	<5
66+50N 29+00E	<10	128	<10	77	<5
66+50N 29+25E	<10	84	<10	76	<5
66+50N 29+50E	<10	70	<10	92	9
66+50N 29+75E	<10	92	<10	88	<5
66+50N 30+00E	<10	74	<10	118	11
67+00N 24+50E	<10	82	<10	130	7
67+00N 24+75E	<10	64	<10	104	<5
67+00N 25+00N	<10	56	<10	122	<5
67+00N 25+25E	<10	76	<10	76	<5
67+00N 25+50E	<10	65	<10	117	6
67+00N 25+75E	<10	63	<10	114	<5
67+00N 26+00E	<10	64	<10	64	<5
67+00N 26+25E	<10	60	<10	101	<5

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67+00N 26+50E	<10	56	<10	102	<5
67+00N 26+75E	<10	52	<10	102	6
67+00N 27+00E	<10	41	<10	112	<5
67+00N 27+25E	<10	87	<10	72	<5
67+00N 27+50E	<10	45	<10	74	16
67+00N 27+75E	<10	53	<10	78	10
67+00N 28+00E	<10	94	<10	102	10
67+00N 28+25E	<10	101	<10	86	<5
67+00N 28+50E	<10	71	<10	93	13
67+00N 28+75E	<10	63	<10	123	10
67+00N 29+00E	<10	49	<10	112	6
67+00N 29+25E	<10	97	<10	114	<5
67+00N 29+50E	<10	52	<10	64	<5
67+00N 29+75E	<10	83	<10	104	31
67+50N 24+25E	<10	82	<10	96	<5
67+50N 24+50E	<10	60	<10	117	6
67+50N 24+75E	<10	50	<10	146	<5
67+50N 25+00E	<10	54	<10	136	<5
67+50N 25+25E	<10	65	<10	77	14
67+50N 25+50E	<10	76	<10	77	<5
67+50N 25+75E	<10	47	<10	111	<5
67+50N 26+00E	<10	56	<10	108	7
67+50N 26+25E	<10	60	<10	134	13
67+50N 26+50E	<10	52	<10	143	<5
67+50N 26+75E	<10	68	<10	91	6

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Sample ID	ICP-130 Tl ppm 10	ICP-130 V ppm 1	ICP-130 W ppm 10	ICP-130 Zn ppm 2	ICP-130 Zr ppm 5
67+50N 27+00E	<10	44	<10	162	7
67+50N 27+25N	<10	48	<10	109	9
67+50N 27+50N	<10	66	<10	108	6
67+50N 27+75E	<10	61	<10	80	<5
67+50N 28+00E	<10	64	<10	102	8
68+00N 24+00E	<10	64	<10	149	9
68+00N 24+25E	<10	55	<10	82	22
68+00N 24+50E	<10	47	<10	159	<5
68+00N 24+75E	<10	55	<10	144	<5
68+00N 25+00E	<10	65	<10	103	<5
68+00N 25+25E	<10	241	<10	131	<5
68+00N 25+50E	<10	87	<10	113	<5
68+00N 25+75E	<10	219	20	88	15
68+00N 26+00E	<10	76	<10	57	<5
68+00N 26+25E	<10	62	<10	102	<5
68+00N 26+50E	<10	54	<10	111	12
68+00N 26+75E	<10	84	<10	74	13
68+00N 27+00E	<10	56	<10	129	20
68+00N 27+25E	<10	42	<10	93	12
68+00N 27+50E	<10	52	<10	134	7
68+00N 27+75E	<10	116	<10	95	8
68+00N 28+00E	<10	112	<10	110	<5
68+50N 23+75E	<10	44	<10	179	8
68+50N 24+00E	<10	72	<10	119	11
68+50N 24+25E	<10	49	<10	220	<5

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An A2 Global Company

MS Analytical  
Unit 1, 20120 102nd Avenue  
Langley, BC V1M 4B4  
Phone: +1-604-888-0875

To: **Braveheart Resources Inc.**  
**2520 - 16th St. NW**  
**Calgary, AB**  
**T2M 3R2**

**CERTIFICATE OF ANALYSIS: YVR1610203-R1**

Project Name: 49ER  
Job Received Date: 03-Jan-2017  
Job Report Date: 16-Jan-2017  
Report Version: R1

Sample ID	ICP-130 Tl ppm 10	ICP-130 V ppm 1	ICP-130 W ppm 10	ICP-130 Zn ppm 2	ICP-130 Zr ppm 5
68+50N 24+50E	<10	78	<10	159	<5
68+50N 24+75E	<10	95	<10	176	9
68+50N 25+00E	<10	71	<10	81	<5
68+50N 25+25E	<10	66	<10	123	5
68+50N 25+50E	<10	84	<10	107	<5
68+50N 25+75E	<10	64	<10	69	15
68+50N 26+00E	<10	54	<10	74	8
68+50N 26+25E	<10	53	<10	83	9
68+50N 26+50E	<10	46	<10	84	16
68+50N 26+75E	<10	101	<10	89	<5
68+50N 27+00E	<10	53	<10	96	15
68+50N 27+25E	<10	55	<10	92	11
68+50N 27+50E	<10	118	<10	92	6
68+50N 27+75E	<10	58	<10	107	11
68+50N 28+00E	<10	81	<10	103	<5
69+00N 24+00E	<10	83	<10	154	<5
69+00N 24+25E	<10	77	<10	50	<5
69+00N 24+50E	<10	94	<10	102	<5
69+00N 24+75E	<10	87	<10	59	<5
69+00N 25+00E	<10	78	<10	60	<5
69+00N 25+25E	<10	65	<10	88	9
69+00N 25+50E	<10	60	<10	95	5
69+00N 25+75E	<10	55	<10	76	23
69+00N 26+00E	<10	34	<10	71	15
69+00N 26+25E	<10	50	<10	86	25

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Sample ID	ICP-130 Tl ppm	ICP-130 V ppm	ICP-130 W ppm	ICP-130 Zn ppm	ICP-130 Zr ppm
69+00N 26+50E	<10	50	<10	76	17
69+00N 26+75E	<10	77	<10	112	19
69+00N 27+00E	<10	111	<10	104	5
69+00N 27+25E	<10	106	<10	79	9
69+00N 27+50E	<10	66	<10	108	11
69+00N 27+75E	<10	117	<10	115	<5
69+00N 28+00E	<10	36	<10	45	28
69+00N 28+25E	<10	55	<10	123	10
69+50N 26+50E	<10	67	<10	117	32
69+50N 26+75E	<10	106	<10	128	11
69+50N 27+00E	<10	95	<10	142	7
69+50N 27+25E	<10	92	<10	200	12
69+50N 27+50E	<10	85	<10	132	8
69+50N 27+75E	<10	139	<10	106	<5
69+50N 28+00E	<10	104	<10	107	7
69+50N 28+25E	<10	108	<10	152	<5
DUP FNDJ-001	<10	34	<10	28	<5
DUP 66+00N 29+00E	<10	119	<10	88	<5
DUP 66+50N 25+50E	<10	63	<10	84	5
DUP 68+00N 25+75E	<10	217	20	86	15
DUP 68+00N 26+75E	<10	83	<10	73	13

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	ICP-130 Tl ppm	ICP-130 V ppm	ICP-130 W ppm	ICP-130 Zn ppm	ICP-130 Zr ppm
Sample ID	10	1	10	2	5
DUP 69+50N 27+75E	<10	138	<10	106	<5
DUP 65+00N 27+25E					
DUP 66+00N 28+50E					
DUP 66+50N 25+75E					
DUP 68+00N 25+50E					
DUP 68+00N 27+25E					
DUP 69+00N 28+25E					
STD BLANK					
STD BLANK	<10	<1	<10	<2	<5
STD BLANK	<10	<1	<10	<2	<5
STD BLANK	<10	<1	<10	<2	<5
STD BLANK	<10	<1	<10	<2	<5
STD BLANK	<10	<1	<10	<2	<5
STD BLANK					
STD BLANK					
STD BLANK					
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	ICP-130 Ti ppm	ICP-130 V ppm	ICP-130 W ppm	ICP-130 Zn ppm	ICP-130 Zr ppm
Sample ID	10	1	10	2	5
STD CDN-GS-P4C					
STD OREAS 24b	<10	77	<10	96	26
STD CDN-CM-38	<10	18	<10	795	<5
STD GBM908-10	<10	46	<10	979	24
STD CDN-CM-38	<10	18	<10	803	<5
STD OREAS 24b	<10	78	<10	98	29
STD OREAS 904	<10	23	<10	24	17
STD OREAS 504					
STD OREAS 601					
STD OREAS 24b					
STD OREAS 504					
STD OREAS 601					
STD OREAS 504					

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