



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation

1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Submitted By: Tim Smith

Receiving Lab: Canada-Whitehorse

Received: August 10, 2012

Report Date: August 21, 2012

Page: 1 of 10

CERTIFICATE OF ANALYSIS

WHI12000637.1

CLIENT JOB INFORMATION

Project: SUG
Shipment ID: 2012-SUG03
P.O. Number: KGC-12-1668
Number of Samples: 252

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	244	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	252	Dry at 60C			WHI
1DX2	252	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 2 of 10

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1286041	Soil	1.0	14.7	11.1	47	<0.1	24.1	12.8	337	2.71	5.3	1.0	7.3	11.6	14	<0.1	0.4	0.2	69	0.29
1285751	Rock Pulp	2.4	23.7	2.1	40	0.3	23.9	10.3	371	2.24	4.1	0.2	1.1	0.8	31	0.2	0.2	<0.1	63	0.75
1287442	Soil	2.4	17.2	8.3	36	0.1	20.7	6.6	227	2.26	9.2	1.0	2.1	7.4	9	<0.1	0.8	0.2	62	0.14
1287444	Soil	2.4	15.8	9.6	51	<0.1	29.1	14.2	609	2.78	5.2	1.5	3.0	16.8	18	0.1	0.4	0.1	66	0.49
1286042	Soil	1.5	22.9	18.4	74	<0.1	46.8	15.9	837	3.49	12.8	1.8	5.9	22.2	19	0.1	0.6	0.4	86	0.40
1286049	Soil	1.6	16.8	10.0	38	<0.1	19.8	9.1	240	2.71	8.3	0.8	2.2	4.4	13	<0.1	0.5	0.2	75	0.15
1285760	Soil	2.3	15.1	7.1	63	<0.1	33.6	14.7	496	3.12	7.8	1.5	7.7	12.0	18	<0.1	0.3	0.2	69	0.40
1287448	Soil	1.4	22.0	8.9	64	<0.1	59.2	17.7	513	3.31	5.3	4.0	6.7	23.7	30	0.1	0.5	0.2	84	1.19
1286055	Soil	1.3	18.6	9.8	48	<0.1	24.1	11.5	364	2.70	7.2	0.9	2.5	12.8	16	<0.1	0.5	0.1	65	0.29
1286056	Soil	1.1	17.2	10.1	45	<0.1	23.8	9.7	285	2.44	5.4	1.0	3.1	12.3	18	<0.1	0.6	0.2	61	0.34
1285762	Soil	1.8	13.1	10.6	43	<0.1	19.9	8.2	276	2.31	9.3	1.5	3.5	8.6	13	<0.1	0.3	0.2	63	0.20
1287441	Soil	2.6	12.1	8.8	29	<0.1	11.6	4.3	134	2.17	4.1	1.1	2.0	10.0	9	<0.1	0.6	0.2	71	0.11
1286053	Soil	1.3	18.2	9.6	50	<0.1	28.5	14.0	442	3.14	7.1	0.9	3.8	9.7	15	<0.1	0.4	0.1	77	0.24
1286054	Soil	2.2	18.4	9.5	54	<0.1	37.9	20.8	725	3.61	6.8	1.1	3.2	12.9	15	0.2	0.4	0.2	70	0.27
1285755	Soil	1.5	14.0	10.0	52	<0.1	24.8	13.5	587	2.69	7.8	1.6	11.4	8.8	19	0.1	0.5	0.2	70	0.33
1287450	Soil	2.6	15.2	17.6	48	0.1	28.8	12.0	290	3.07	6.3	1.5	3.5	12.6	17	0.1	0.5	0.4	75	0.26
1285862	Soil	1.2	19.9	8.5	42	0.1	26.3	10.6	474	2.28	8.1	2.1	1.9	12.8	32	<0.1	0.4	0.1	57	0.88
1285853	Soil	2.1	24.0	14.6	55	<0.1	26.9	12.2	369	3.84	9.7	2.0	1.4	24.5	15	0.1	0.5	0.3	95	0.20
1287048	Soil	1.8	14.6	25.5	53	<0.1	22.6	11.9	393	2.81	7.0	1.2	3.6	16.6	13	<0.1	0.4	0.2	63	0.22
1286050	Soil	1.0	23.0	8.8	49	<0.1	30.1	12.5	390	2.84	6.5	1.0	3.0	10.0	18	<0.1	0.4	0.1	68	0.29
1285864	Soil	1.4	12.7	6.7	34	<0.1	11.9	8.0	1038	1.78	4.9	0.5	3.6	4.2	19	0.1	0.3	0.1	57	0.31
1287050	Soil	1.4	16.3	14.5	50	<0.1	25.6	11.4	301	3.30	8.1	0.9	5.7	14.0	13	0.1	0.4	0.3	76	0.21
1285855	Soil	1.5	16.0	8.4	36	<0.1	22.7	9.5	311	2.18	6.1	2.8	10.0	17.7	21	<0.1	0.4	0.1	52	0.44
1286043	Soil	1.2	16.4	11.0	52	<0.1	23.3	9.3	323	2.73	7.8	0.9	1.5	5.1	15	0.1	0.5	0.2	72	0.24
1285865	Soil	1.8	12.7	9.2	34	<0.1	14.1	5.4	168	2.57	6.7	0.5	6.4	5.0	10	0.1	0.4	0.2	76	0.14
1285859	Soil	1.0	22.6	9.2	54	<0.1	25.7	12.6	440	2.92	3.7	1.0	3.0	10.2	21	<0.1	0.4	0.2	67	0.55
1285854	Soil	1.3	15.3	8.3	41	<0.1	23.9	9.0	263	2.66	5.8	0.8	5.6	11.5	15	<0.1	0.4	0.2	72	0.27
1286044	Soil	0.8	17.9	6.7	42	<0.1	28.5	11.5	353	2.41	5.6	1.0	2.0	10.7	18	<0.1	0.4	0.1	63	0.33
1285852	Soil	1.8	17.7	10.2	49	<0.1	29.8	11.0	342	3.16	7.7	1.1	1.5	15.1	17	<0.1	0.4	0.2	85	0.29
1285856	Soil	1.3	16.9	9.7	37	<0.1	18.4	9.8	365	2.17	3.8	2.1	15.6	18.2	26	<0.1	0.4	0.2	53	0.68



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 2 of 10

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1286041	Soil	22	45	0.74	103	0.102	2	1.71	0.009	0.10	0.2	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1285751	Rock Pulp	3	31	0.72	83	0.105	3	1.37	0.071	0.10	12.1	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1287442	Soil	16	40	0.46	65	0.064	2	1.24	0.009	0.10	0.2	0.04	2.8	0.2	<0.05	5	<0.5	<0.2
1287444	Soil	39	56	1.10	170	0.110	2	1.74	0.011	0.35	0.5	0.02	3.9	0.4	<0.05	5	<0.5	<0.2
1286042	Soil	39	75	0.96	192	0.112	2	2.26	0.011	0.24	0.3	0.02	5.6	0.3	<0.05	7	<0.5	<0.2
1286049	Soil	12	39	0.42	131	0.061	2	1.90	0.009	0.04	0.1	0.04	4.1	0.1	<0.05	7	<0.5	<0.2
1285760	Soil	24	72	1.23	151	0.109	2	1.85	0.008	0.58	0.5	0.01	4.5	0.5	<0.05	6	<0.5	<0.2
1287448	Soil	84	109	1.52	260	0.121	2	2.46	0.014	0.32	0.2	0.05	6.6	0.5	<0.05	7	0.9	0.2
1286055	Soil	24	46	0.72	106	0.106	2	1.77	0.011	0.10	0.3	0.02	3.4	0.2	<0.05	5	0.6	<0.2
1286056	Soil	25	43	0.59	132	0.090	2	1.66	0.012	0.09	0.2	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
1285762	Soil	20	41	0.48	107	0.084	2	1.43	0.010	0.11	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1287441	Soil	46	28	0.23	80	0.052	1	1.26	0.010	0.07	0.2	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1286053	Soil	21	61	0.84	143	0.113	2	2.17	0.009	0.12	0.1	0.02	4.8	0.2	<0.05	6	<0.5	<0.2
1286054	Soil	21	63	0.92	151	0.110	2	2.41	0.010	0.14	0.2	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1285755	Soil	17	48	0.66	127	0.078	2	1.59	0.010	0.11	0.2	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1287450	Soil	30	54	0.72	150	0.093	2	1.90	0.012	0.08	0.2	0.04	3.7	0.2	<0.05	7	<0.5	<0.2
1285862	Soil	55	49	0.54	293	0.086	3	1.56	0.013	0.12	0.2	0.05	4.6	0.1	<0.05	5	1.0	<0.2
1285853	Soil	58	46	0.63	194	0.080	2	2.60	0.010	0.11	0.2	0.02	5.2	0.2	<0.05	9	<0.5	<0.2
1287048	Soil	23	46	0.71	93	0.098	2	2.00	0.008	0.11	0.2	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1286050	Soil	21	53	0.79	162	0.091	2	1.96	0.012	0.09	0.1	0.02	5.2	0.2	<0.05	6	<0.5	<0.2
1285864	Soil	11	23	0.22	261	0.055	1	0.97	0.009	0.06	0.1	0.03	2.1	<0.1	<0.05	5	<0.5	<0.2
1287050	Soil	14	44	0.59	134	0.080	1	2.08	0.009	0.08	0.2	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
1285855	Soil	36	39	0.51	238	0.089	2	1.29	0.014	0.11	0.2	0.02	3.8	0.1	<0.05	4	0.5	<0.2
1286043	Soil	21	41	0.55	145	0.068	2	1.89	0.010	0.08	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1285865	Soil	7	28	0.31	104	0.063	1	1.46	0.008	0.06	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1285859	Soil	21	44	1.09	228	0.127	2	1.91	0.011	0.29	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1285854	Soil	19	40	0.58	173	0.082	1	1.69	0.011	0.09	0.1	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1286044	Soil	15	49	0.68	115	0.091	1	1.67	0.013	0.05	0.2	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1285852	Soil	29	55	0.64	174	0.095	2	2.03	0.012	0.10	0.2	0.02	4.1	0.2	<0.05	8	<0.5	<0.2
1285856	Soil	40	38	0.58	247	0.089	2	1.33	0.014	0.13	0.2	0.04	4.1	0.2	<0.05	4	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Kaminak Gold Corporation**
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: **SUG**
Report Date: **August 21, 2012**

Page: 3 of 10

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1285858	Soil	1.1	15.9	7.9	36	0.2	17.8	7.9	380	2.00	3.7	1.0	29.7	8.4	21	0.1	0.3	0.2	53	0.45	0.035
1286062	Soil	2.7	18.0	8.3	51	<0.1	34.0	15.7	570	2.93	5.2	1.6	2.1	14.3	21	<0.1	0.4	0.2	71	0.44	0.064
1285868	Soil	0.7	15.7	9.4	70	<0.1	19.6	11.9	451	3.03	31.5	2.4	6.3	9.2	29	0.1	0.6	0.2	78	0.54	0.071
1285877	Soil	1.2	28.1	10.9	59	0.1	21.8	11.4	682	2.87	32.2	1.4	7.1	4.3	27	0.2	5.2	0.2	62	0.79	0.031
1287049	Soil	0.9	17.4	13.3	49	<0.1	23.7	11.8	512	2.59	6.0	1.3	1.6	13.4	19	<0.1	0.4	0.2	66	0.37	0.029
1285857	Soil	1.2	15.6	6.7	35	<0.1	14.5	6.1	207	1.77	2.6	0.9	1.2	8.6	19	0.1	0.3	0.2	47	0.40	0.030
1285870	Soil	0.4	10.5	7.2	48	<0.1	13.3	6.0	182	2.07	10.7	1.0	8.6	2.6	28	<0.1	0.4	0.2	51	0.44	0.068
1285874	Soil	0.9	41.9	7.8	57	0.2	30.9	13.0	535	2.30	20.3	1.7	9.9	3.7	39	0.2	3.5	0.1	57	0.99	0.045
1285851	Rock Pulp	2.3	23.0	2.2	41	0.3	22.6	9.7	376	2.29	4.7	0.2	<0.5	0.8	36	0.2	0.3	<0.1	58	0.76	0.058
1285860	Soil	0.9	18.3	8.6	39	<0.1	24.5	9.8	400	2.08	4.0	1.0	9.4	10.9	21	0.1	0.4	0.1	43	0.52	0.048
1285867	Soil	0.8	9.2	17.2	69	0.1	10.8	8.5	500	3.29	362.1	3.1	73.1	24.5	25	0.1	3.8	0.3	45	0.31	0.059
1285869	Soil	0.5	16.0	9.1	67	<0.1	18.7	10.9	415	2.85	36.4	2.5	5.9	7.1	33	0.2	0.7	0.1	68	0.55	0.062
1285871	Soil	0.7	9.6	11.1	77	<0.1	14.8	9.9	433	3.10	10.6	1.7	3.0	11.0	21	0.1	0.4	0.1	70	0.35	0.058
1285861	Soil	1.1	14.2	8.5	43	<0.1	19.0	8.9	412	2.25	5.4	1.1	2.3	11.7	24	<0.1	0.4	0.1	51	0.49	0.035
1285873	Soil	0.6	9.6	10.8	70	<0.1	14.0	11.3	569	3.04	52.4	1.7	8.0	11.9	25	0.1	0.8	0.2	69	0.43	0.071
1285878	Soil	1.4	37.4	12.0	76	0.2	34.4	12.3	507	3.00	130.6	1.9	34.2	5.9	29	0.3	43.0	0.2	59	0.81	0.036
1285872	Soil	1.2	30.2	8.3	71	0.2	27.8	12.5	392	2.66	27.4	1.3	6.7	4.6	33	0.2	3.0	0.1	60	0.81	0.049
1285863	Soil	1.2	15.6	9.0	44	<0.1	20.3	8.5	224	2.84	7.5	0.6	2.0	8.5	13	0.1	0.4	0.1	68	0.21	0.022
1285875	Soil	0.8	41.9	8.4	55	0.2	33.5	13.5	555	2.66	14.8	1.4	5.7	2.7	35	0.2	1.8	0.1	64	1.10	0.039
1285879	Soil	1.0	39.7	9.4	68	0.2	35.9	15.1	438	3.27	18.9	0.8	5.9	5.1	19	0.1	2.5	0.3	73	0.53	0.040
1285882	Soil	0.9	37.5	9.4	76	0.1	28.4	16.6	686	3.80	7.3	1.2	14.3	6.9	23	<0.1	0.5	0.1	84	0.66	0.038
1285883	Soil	1.6	27.7	7.6	55	<0.1	23.4	12.6	469	3.23	5.9	1.2	3.2	9.0	19	<0.1	0.8	0.3	65	0.41	0.023
1285885	Soil	1.0	21.3	9.0	61	0.2	29.1	14.5	638	2.99	6.7	1.7	3.6	12.0	28	0.1	0.5	0.2	68	0.67	0.050
1285876	Soil	1.1	44.4	7.5	56	0.2	36.2	13.7	575	2.78	16.5	1.5	5.4	2.7	35	0.2	1.8	0.1	65	1.15	0.041
1285881	Soil	0.5	60.5	2.6	68	<0.1	36.5	22.1	679	3.88	2.5	0.6	7.1	2.5	18	<0.1	0.2	<0.1	103	0.63	0.043
1285866	Soil	0.8	12.5	9.2	71	0.1	15.2	11.2	631	3.13	137.6	3.3	22.4	12.3	28	0.2	0.9	0.2	68	0.45	0.067
1297447	Soil	0.9	19.9	9.6	53	<0.1	25.4	11.4	312	2.70	11.1	0.8	8.4	4.0	24	0.1	0.4	0.2	66	0.45	0.040
1285889	Soil	1.1	24.2	10.8	66	0.1	31.8	13.4	551	3.06	8.5	2.1	2.2	15.3	33	0.1	0.4	0.4	53	0.76	0.046
1285887	Soil	0.8	28.0	9.5	60	0.1	34.0	14.0	553	2.93	6.3	3.5	4.9	15.6	35	0.2	0.6	0.2	58	0.97	0.055
1285884	Soil	1.8	17.3	6.2	53	<0.1	14.5	6.6	309	2.16	4.3	0.6	3.0	4.3	18	0.2	0.4	0.1	60	0.42	0.029



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 3 of 10

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1285858	Soil	22	31	0.47	196	0.074	1	1.30	0.012	0.16	0.2	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1286062	Soil	30	63	1.11	145	0.123	1	1.84	0.012	0.31	0.5	0.02	3.8	0.3	<0.05	6	<0.5	<0.2
1285868	Soil	22	34	0.71	247	0.119	1	1.70	0.025	0.09	0.2	0.03	5.1	0.2	<0.05	6	0.6	<0.2
1285877	Soil	17	37	0.49	220	0.061	1	1.40	0.015	0.05	0.2	0.06	7.5	<0.1	<0.05	5	0.7	<0.2
1287049	Soil	29	43	0.67	160	0.106	1	1.72	0.013	0.11	0.2	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1285857	Soil	29	27	0.39	307	0.073	1	1.23	0.013	0.13	0.1	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1285870	Soil	10	25	0.48	128	0.064	2	1.25	0.018	0.05	0.3	0.05	3.2	<0.1	<0.05	5	<0.5	<0.2
1285874	Soil	14	44	0.62	639	0.050	<1	1.62	0.018	0.04	0.2	0.07	6.0	<0.1	<0.05	4	<0.5	<0.2
1285851	Rock Pulp	4	29	0.75	92	0.104	1	1.42	0.074	0.11	13.2	<0.01	4.5	<0.1	<0.05	5	<0.5	<0.2
1285860	Soil	16	46	0.83	140	0.073	1	1.46	0.010	0.17	0.2	0.03	4.0	0.2	<0.05	4	<0.5	<0.2
1285867	Soil	32	17	0.23	225	0.012	<1	0.78	0.008	0.08	0.4	0.04	5.6	0.2	<0.05	3	<0.5	<0.2
1285869	Soil	18	30	0.61	284	0.092	<1	1.64	0.020	0.06	0.2	0.04	5.1	0.2	<0.05	6	<0.5	<0.2
1285871	Soil	23	26	0.64	230	0.110	<1	1.86	0.016	0.08	0.2	0.05	4.7	0.2	<0.05	7	0.6	<0.2
1285861	Soil	18	32	0.53	204	0.080	1	1.49	0.014	0.08	0.2	0.02	3.6	0.1	<0.05	5	<0.5	<0.2
1285873	Soil	21	25	0.67	255	0.110	<1	1.56	0.021	0.10	0.2	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1285878	Soil	24	42	0.57	342	0.044	1	1.52	0.016	0.06	0.1	0.04	6.9	<0.1	<0.05	5	0.6	<0.2
1285872	Soil	13	47	0.72	710	0.055	<1	1.51	0.018	0.06	0.1	0.06	5.9	<0.1	<0.05	5	0.5	<0.2
1285863	Soil	10	34	0.49	172	0.067	<1	2.02	0.012	0.08	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1285875	Soil	13	55	0.79	455	0.061	1	1.74	0.021	0.05	0.2	0.05	6.4	<0.1	<0.05	5	0.8	<0.2
1285879	Soil	16	66	1.00	421	0.066	<1	1.71	0.019	0.10	0.2	0.04	8.9	0.1	<0.05	5	<0.5	<0.2
1285882	Soil	25	54	1.54	313	0.161	<1	2.17	0.018	0.36	<0.1	0.04	8.4	0.4	<0.05	8	<0.5	<0.2
1285883	Soil	31	42	1.07	248	0.127	<1	2.09	0.016	0.24	0.1	0.02	6.3	0.2	<0.05	7	<0.5	<0.2
1285885	Soil	31	60	1.03	231	0.106	1	1.97	0.017	0.15	0.1	0.05	5.8	0.2	<0.05	6	<0.5	<0.2
1285876	Soil	13	57	0.78	469	0.061	1	1.75	0.023	0.06	0.2	0.05	6.4	<0.1	<0.05	5	0.6	<0.2
1285881	Soil	8	66	2.47	279	0.199	<1	2.58	0.017	0.86	<0.1	<0.01	6.0	0.4	<0.05	8	<0.5	<0.2
1285866	Soil	34	28	0.63	330	0.097	<1	1.93	0.016	0.10	0.2	0.03	6.3	0.2	<0.05	7	<0.5	<0.2
1297447	Soil	13	45	0.81	220	0.083	<1	2.03	0.015	0.07	0.1	0.04	4.6	0.1	<0.05	6	<0.5	<0.2
1285889	Soil	41	45	0.94	213	0.086	<1	1.80	0.016	0.18	<0.1	0.04	5.8	0.2	<0.05	6	<0.5	<0.2
1285887	Soil	70	60	1.01	315	0.092	<1	1.91	0.019	0.23	0.1	0.08	6.8	0.3	<0.05	5	<0.5	<0.2
1285884	Soil	13	32	0.72	176	0.119	1	1.12	0.018	0.31	0.1	0.02	3.0	0.2	<0.05	6	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Kaminak Gold Corporation**
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: **SUG**
Report Date: **August 21, 2012**

Page: 4 of 10

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1297446	Soil	0.9	17.3	7.9	52	0.2	22.0	10.4	269	2.72	9.9	1.1	7.7	3.7	19	0.1	0.3	0.1	64	0.28	0.048
1285888	Soil	1.2	21.7	20.2	61	0.1	31.5	13.6	564	2.85	5.0	1.8	13.2	23.7	28	<0.1	0.6	0.2	59	0.57	0.042
1285880	Soil	0.8	43.8	4.8	52	0.1	39.3	17.8	563	2.87	6.9	1.9	4.2	2.4	34	0.1	0.6	<0.1	67	1.16	0.033
1285886	Soil	0.8	18.1	6.7	52	<0.1	26.0	12.0	479	2.38	5.0	1.2	3.3	5.4	36	0.2	0.4	0.1	52	1.01	0.057
1297454	Soil	0.8	54.7	7.7	43	0.3	36.7	10.8	209	2.89	14.0	0.7	4.3	2.1	28	0.1	0.4	0.1	79	0.73	0.035
1297451	Rock Pulp	2.3	23.3	2.1	42	0.3	23.3	10.4	390	2.29	4.1	0.2	<0.5	0.8	37	0.2	0.3	<0.1	64	0.81	0.056
1297449	Soil	0.9	21.4	10.0	56	0.1	25.6	11.8	364	2.71	18.9	0.7	4.0	4.5	22	0.1	0.5	0.1	68	0.45	0.030
1297445	Soil	1.1	13.0	12.1	59	0.1	23.8	12.9	471	3.49	11.4	0.9	1.7	6.5	21	<0.1	0.4	0.2	76	0.32	0.043
1297453	Soil	0.9	30.8	7.6	52	0.3	29.1	14.5	673	2.85	7.8	0.4	<0.5	1.9	24	0.2	0.4	0.1	77	0.38	0.027
1297452	Soil	0.2	66.3	10.5	43	<0.1	117.3	26.5	553	3.98	6.6	0.8	1.0	15.3	51	<0.1	0.1	0.2	116	0.81	0.159
1297450	Soil	0.8	27.9	6.2	49	0.1	31.9	12.0	347	2.40	8.9	0.5	1.7	2.3	18	0.1	0.4	<0.1	62	0.35	0.034
1297448	Soil	0.8	15.8	9.8	56	<0.1	20.6	13.4	494	2.53	8.2	0.7	2.3	3.8	20	0.2	0.4	0.1	59	0.33	0.046
1297439	Soil	0.6	23.9	6.2	69	<0.1	60.5	18.1	596	3.38	4.3	1.7	4.1	8.6	38	0.1	0.3	0.1	67	1.07	0.105
1297442	Soil	1.2	18.4	9.9	56	0.2	17.4	12.3	723	2.94	9.8	1.9	6.7	5.2	20	0.1	0.3	0.2	51	0.37	0.070
1297443	Soil	1.1	18.6	17.0	76	<0.1	23.4	12.2	455	3.00	7.3	1.1	3.8	8.2	18	0.1	0.3	0.2	57	0.37	0.047
1297455	Soil	1.5	25.1	8.7	90	0.3	35.8	12.2	368	2.74	27.7	0.9	5.4	2.2	20	0.4	1.1	0.1	73	0.37	0.067
1297438	Soil	0.6	23.3	6.4	78	<0.1	55.8	27.6	772	5.18	4.1	1.5	2.0	7.6	34	0.1	0.2	<0.1	103	1.18	0.136
1297440	Soil	1.1	31.0	7.7	72	<0.1	17.8	12.1	365	3.46	7.1	1.5	6.0	5.2	21	<0.1	0.3	0.2	69	0.51	0.054
1297441	Soil	1.1	17.6	9.4	71	<0.1	19.3	12.7	628	2.93	6.4	1.8	4.5	7.1	22	0.1	0.2	0.2	48	0.65	0.050
1297444	Soil	1.6	21.5	9.6	49	0.1	22.4	9.9	355	3.25	9.1	1.7	5.8	9.8	16	0.1	0.4	0.2	71	0.20	0.029
1297433	Soil	0.9	35.2	19.6	145	0.1	49.3	19.5	818	3.68	10.6	1.2	13.0	6.3	27	0.4	0.3	0.2	81	0.87	0.088
1297429	Soil	0.5	25.5	11.7	69	<0.1	37.2	13.7	431	3.47	5.0	1.2	2.0	10.5	18	<0.1	0.2	0.1	44	0.34	0.054
1297425	Soil	0.8	23.7	10.4	53	<0.1	28.9	14.9	486	3.50	7.9	1.1	2.8	12.6	21	<0.1	1.0	0.1	86	0.28	0.016
1297435	Soil	0.8	19.6	9.5	83	<0.1	56.1	20.9	807	4.48	6.2	1.1	1.4	8.7	24	0.1	0.4	0.2	80	0.62	0.078
1297434	Soil	1.0	26.0	11.9	98	<0.1	37.5	16.0	584	3.74	5.9	0.9	5.6	6.9	22	0.2	0.5	0.2	71	0.64	0.082
1297430	Soil	0.5	24.0	9.9	68	0.1	41.7	14.3	552	3.30	5.1	1.2	4.6	9.3	23	<0.1	0.2	0.1	59	0.65	0.074
1297426	Soil	0.9	20.5	11.2	51	<0.1	26.1	13.7	457	3.53	7.1	1.0	0.6	8.4	19	<0.1	1.0	0.1	87	0.25	0.017
1297436	Soil	1.1	20.8	8.5	71	<0.1	30.5	14.3	506	3.19	6.3	1.3	1.9	9.2	26	0.2	0.5	<0.1	64	0.65	0.070
1297036	Soil	1.0	12.0	5.9	61	<0.1	11.4	11.0	538	3.02	21.1	1.1	3.5	4.1	20	0.1	1.0	<0.1	95	0.38	0.085
1297431	Soil	0.8	59.3	151.6	529	<0.1	43.2	19.8	953	4.39	8.4	1.1	22.7	9.3	28	0.7	0.4	0.5	90	0.75	0.102



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Kaminak Gold Corporation**
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: **SUG**
Report Date: **August 21, 2012**

Page: 4 of 10

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1297446	Soil	17	48	0.91	204	0.075	<1	2.12	0.014	0.07	<0.1	0.05	5.5	0.1	<0.05	7	<0.5
1285888	Soil	47	60	1.07	160	0.112	<1	1.79	0.017	0.24	0.1	0.03	5.1	0.3	<0.05	6	<0.5
1285880	Soil	14	75	1.13	372	0.093	<1	1.85	0.020	0.15	<0.1	0.04	6.1	0.1	<0.05	5	0.6
1285886	Soil	20	50	0.92	380	0.080	1	1.66	0.016	0.12	0.1	0.06	5.1	0.1	<0.05	5	<0.5
1297454	Soil	8	90	0.93	187	0.081	<1	2.08	0.017	0.06	0.1	0.07	6.4	0.1	<0.05	7	<0.5
1297451	Rock Pulp	4	30	0.78	92	0.113	<1	1.49	0.082	0.11	12.9	0.01	4.6	<0.1	<0.05	5	<0.5
1297449	Soil	14	48	0.82	146	0.084	<1	1.86	0.015	0.09	0.1	0.03	4.5	0.1	<0.05	6	<0.5
1297445	Soil	22	41	0.85	204	0.088	1	2.23	0.014	0.11	0.1	0.03	5.1	0.1	<0.05	8	<0.5
1297453	Soil	7	63	0.75	260	0.080	<1	1.98	0.017	0.11	<0.1	0.02	4.1	0.1	<0.05	7	<0.5
1297452	Soil	14	248	3.30	489	0.200	<1	3.54	0.022	1.20	0.2	0.01	5.6	1.2	<0.05	9	<0.5
1297450	Soil	10	60	0.86	142	0.077	<1	1.80	0.017	0.05	<0.1	0.03	4.4	<0.1	<0.05	6	<0.5
1297448	Soil	12	35	0.68	157	0.074	<1	1.84	0.014	0.08	0.1	0.03	3.8	0.1	<0.05	6	<0.5
1297439	Soil	29	139	1.73	259	0.125	2	2.08	0.011	0.38	0.1	0.04	6.1	0.3	<0.05	7	<0.5
1297442	Soil	31	30	0.67	168	0.060	1	1.65	0.014	0.07	0.1	0.05	4.9	0.1	0.08	5	<0.5
1297443	Soil	22	35	0.90	171	0.096	1	1.74	0.014	0.11	0.1	0.02	4.2	0.1	<0.05	6	<0.5
1297455	Soil	9	69	0.81	398	0.078	<1	1.71	0.011	0.08	0.2	0.05	4.3	0.2	<0.05	6	0.6
1297438	Soil	29	131	3.04	437	0.206	2	3.41	0.014	0.77	0.1	0.02	5.8	0.5	<0.05	10	<0.5
1297440	Soil	14	33	1.20	157	0.111	2	1.78	0.014	0.16	<0.1	0.05	4.2	0.2	0.06	5	0.5
1297441	Soil	20	32	0.98	142	0.088	1	1.65	0.013	0.13	0.1	0.03	3.9	0.2	<0.05	5	<0.5
1297444	Soil	41	42	0.80	190	0.092	2	2.23	0.013	0.09	0.1	0.03	7.2	0.2	<0.05	8	<0.5
1297433	Soil	23	73	1.34	360	0.140	2	2.21	0.013	0.38	0.1	0.04	6.1	0.3	<0.05	7	0.6
1297429	Soil	35	42	1.16	138	0.154	1	2.13	0.010	0.58	<0.1	<0.01	3.1	0.6	<0.05	6	<0.5
1297425	Soil	35	67	1.22	208	0.100	2	2.49	0.010	0.10	0.2	0.01	6.3	0.3	<0.05	7	<0.5
1297435	Soil	18	97	1.83	302	0.151	2	2.34	0.011	0.55	0.1	0.06	5.9	0.3	<0.05	9	<0.5
1297434	Soil	17	57	1.51	318	0.144	1	2.05	0.012	0.52	0.1	0.02	5.2	0.3	<0.05	7	<0.5
1297430	Soil	28	60	1.45	202	0.148	2	2.08	0.014	0.44	<0.1	0.03	4.7	0.4	<0.05	6	0.5
1297426	Soil	23	64	1.24	197	0.096	2	2.54	0.009	0.12	0.2	<0.01	6.0	0.4	<0.05	6	<0.5
1297436	Soil	20	49	1.05	215	0.102	2	1.69	0.014	0.25	<0.1	0.03	5.7	0.2	<0.05	6	<0.5
1297036	Soil	9	26	0.77	233	0.153	1	1.47	0.018	0.09	0.2	0.02	3.0	0.2	<0.05	6	<0.5
1297431	Soil	16	71	1.76	224	0.159	1	2.39	0.014	0.62	0.1	0.02	5.9	0.5	<0.05	8	0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Kaminak Gold Corporation**
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: **SUG**
Report Date: **August 21, 2012**

Page: 5 of 10

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1297427	Soil	1.5	19.6	10.0	46	0.1	24.2	8.1	281	3.07	8.6	0.8	1.7	10.2	17	0.1	0.6	0.3	74	0.25	0.028
1297437	Soil	1.2	19.7	7.7	56	<0.1	25.6	13.1	501	3.14	6.7	1.7	2.6	9.4	27	0.1	0.4	0.1	66	0.63	0.058
1297037	Soil	0.9	11.1	7.7	62	0.1	13.5	14.3	807	2.61	15.3	1.4	5.0	3.5	21	0.1	0.8	0.1	73	0.31	0.070
1297432	Soil	0.7	38.6	13.3	75	0.1	41.5	21.0	652	4.08	4.7	0.9	10.2	5.6	27	<0.1	0.4	0.1	96	0.70	0.100
1297428	Soil	0.7	39.2	7.9	67	<0.1	34.5	18.6	485	3.46	7.0	0.6	1.2	5.2	16	<0.1	0.3	0.1	65	0.35	0.031
1297424	Soil	0.9	20.9	8.5	56	<0.1	35.2	13.1	382	3.26	8.0	0.8	4.4	6.6	18	0.1	0.4	0.1	65	0.31	0.060
1297047	Soil	0.8	18.1	6.6	55	<0.1	23.0	13.5	556	2.70	4.7	1.3	6.3	3.7	28	0.2	0.4	<0.1	54	0.79	0.062
1297054	Soil	0.7	61.0	5.4	89	<0.1	48.3	25.6	637	4.25	5.9	0.6	2.5	5.0	30	<0.1	0.2	<0.1	74	0.63	0.079
1297041	Soil	0.5	10.7	6.6	48	<0.1	11.4	7.1	196	2.23	13.0	1.5	2.9	3.0	17	<0.1	0.7	<0.1	66	0.27	0.056
1297038	Soil	1.2	12.7	7.4	66	<0.1	14.4	18.7	1191	3.35	20.8	1.2	2.9	4.6	20	0.1	0.8	0.2	108	0.34	0.078
1297048	Soil	1.2	14.7	12.1	52	0.1	28.7	10.7	368	2.87	4.9	2.1	4.2	12.3	27	<0.1	0.2	0.2	58	0.86	0.038
1297043	Soil	0.6	12.4	6.7	58	<0.1	11.0	11.6	440	2.84	25.0	1.0	3.8	4.5	17	0.1	1.2	<0.1	89	0.29	0.066
1297057	Soil	0.9	29.0	9.3	71	0.2	27.8	14.9	541	3.49	4.8	1.6	5.6	9.4	29	0.1	0.4	0.1	77	0.77	0.076
1297040	Soil	0.5	9.6	6.6	49	<0.1	10.8	8.2	265	2.14	13.6	1.3	3.1	3.1	18	<0.1	0.9	<0.1	65	0.29	0.058
1297049	Soil	0.6	89.3	4.3	51	0.1	144.6	48.8	720	4.25	3.1	0.8	4.5	6.1	12	<0.1	<0.1	<0.1	53	0.56	0.030
1297044	Soil	0.8	16.1	9.3	67	<0.1	9.6	12.0	471	3.37	38.8	1.1	4.9	5.8	14	0.1	2.6	<0.1	99	0.26	0.063
1297056	Soil	0.6	23.2	7.2	58	<0.1	24.0	11.4	409	2.87	5.0	1.5	4.0	8.4	38	0.1	0.5	0.1	60	1.05	0.054
1297039	Soil	0.6	10.1	7.3	56	<0.1	13.0	10.4	352	2.45	14.2	1.3	4.2	3.7	18	0.1	1.1	<0.1	68	0.30	0.051
1297046	Soil	1.1	26.4	9.1	68	<0.1	25.7	13.9	383	3.33	5.9	2.9	7.0	8.5	28	0.1	0.4	0.2	66	0.91	0.046
1297045	Soil	1.1	20.9	11.3	74	0.2	11.5	16.0	1382	3.55	42.8	2.4	22.8	12.7	14	0.2	2.6	0.2	88	0.22	0.071
1297055	Soil	1.0	36.5	6.3	87	<0.1	83.0	28.3	1424	4.90	9.4	0.7	2.8	8.0	24	0.2	0.4	<0.1	61	0.62	0.073
1297042	Soil	0.6	11.2	6.2	48	<0.1	11.4	8.6	302	2.42	13.3	1.4	4.4	4.2	19	0.1	0.8	<0.1	72	0.28	0.071
1295084	Soil	1.2	19.2	10.1	52	<0.1	22.8	10.3	454	2.79	7.5	1.0	9.9	10.5	16	0.2	0.4	0.2	66	0.23	0.043
1297051	Rock Pulp	2.4	22.2	2.1	40	0.3	22.5	10.0	390	2.32	4.5	0.2	3.1	0.8	34	0.2	0.3	<0.1	61	0.79	0.061
1297053	Soil	0.9	46.7	6.9	89	<0.1	33.2	13.0	508	4.45	6.2	1.1	9.0	4.8	46	<0.1	0.3	0.2	93	0.42	0.053
1297050	Soil	1.3	50.7	5.9	66	0.1	44.8	34.0	753	3.67	4.8	1.0	1.9	2.2	14	<0.1	0.1	<0.1	80	0.39	0.092
1295083	Soil	0.8	17.4	8.9	45	<0.1	32.4	11.6	318	3.12	7.3	0.9	3.5	9.7	16	<0.1	0.4	0.1	71	0.23	0.042
1295078	Soil	1.7	21.5	9.9	71	0.2	13.4	6.2	2335	1.85	4.0	0.9	4.3	1.9	9	0.2	0.5	0.2	51	0.10	0.046
1295075	Soil	1.3	15.9	10.6	53	<0.1	21.4	9.8	403	2.29	5.9	3.2	22.3	11.9	20	0.2	0.4	0.2	52	0.41	0.057
1297001	Rock Pulp	1.5	426.3	20.3	159	0.2	200.1	73.2	798	15.22	3.2	1.0	28.8	7.0	14	0.1	0.3	0.1	216	0.30	0.044



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 5 of 10

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1297427	Soil	20	39	0.51	141	0.085	1	1.93	0.011	0.07	0.2	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
1297437	Soil	42	46	0.95	268	0.107	2	1.76	0.013	0.23	0.1	0.05	5.3	0.2	<0.05	6	0.5	<0.2
1297037	Soil	9	28	0.65	225	0.119	1	1.60	0.017	0.07	0.1	0.03	3.3	0.2	<0.05	7	<0.5	<0.2
1297432	Soil	17	73	1.53	336	0.155	<1	2.28	0.017	0.46	0.1	0.03	6.2	0.3	<0.05	8	<0.5	<0.2
1297428	Soil	24	66	1.39	235	0.143	<1	2.54	0.010	0.48	0.1	<0.01	3.7	0.4	<0.05	6	<0.5	<0.2
1297424	Soil	19	46	0.83	190	0.114	1	2.10	0.013	0.19	0.1	0.03	4.6	0.2	<0.05	6	<0.5	<0.2
1297047	Soil	13	31	0.97	230	0.084	1	1.62	0.017	0.11	<0.1	0.04	5.8	0.1	<0.05	5	<0.5	<0.2
1297054	Soil	16	59	2.29	213	0.182	<1	2.72	0.011	0.72	0.1	0.01	3.3	0.4	<0.05	7	<0.5	<0.2
1297041	Soil	9	25	0.57	183	0.121	<1	1.49	0.017	0.07	0.2	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1297038	Soil	10	31	0.71	248	0.154	1	1.62	0.018	0.10	0.2	0.03	3.3	0.2	<0.05	7	<0.5	<0.2
1297048	Soil	28	46	0.93	258	0.080	<1	1.73	0.017	0.18	0.1	0.02	5.6	0.2	<0.05	7	<0.5	<0.2
1297043	Soil	9	26	0.70	229	0.175	<1	1.70	0.019	0.10	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1297057	Soil	34	45	1.10	299	0.134	1	2.16	0.016	0.36	0.1	0.04	6.7	0.3	<0.05	7	0.8	<0.2
1297040	Soil	9	24	0.56	181	0.120	<1	1.44	0.016	0.06	0.2	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1297049	Soil	22	112	3.15	296	0.128	<1	2.73	0.011	0.75	0.1	<0.01	6.6	0.5	<0.05	6	<0.5	<0.2
1297044	Soil	9	27	0.75	351	0.178	<1	1.79	0.022	0.26	0.2	0.02	3.3	0.3	<0.05	7	<0.5	<0.2
1297056	Soil	29	40	0.94	312	0.104	2	1.80	0.014	0.28	0.2	0.04	4.7	0.2	<0.05	6	<0.5	<0.2
1297039	Soil	9	26	0.63	192	0.128	<1	1.65	0.017	0.06	0.1	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1297046	Soil	32	38	1.19	213	0.097	1	1.98	0.015	0.24	<0.1	0.05	7.5	0.2	<0.05	7	<0.5	<0.2
1297045	Soil	41	27	0.75	291	0.159	1	2.05	0.018	0.15	0.1	0.05	4.8	0.3	<0.05	7	<0.5	<0.2
1297055	Soil	25	80	1.88	288	0.199	1	2.71	0.007	0.92	0.1	0.02	3.7	0.8	<0.05	8	<0.5	<0.2
1297042	Soil	11	25	0.56	257	0.126	1	1.57	0.017	0.07	0.2	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1295084	Soil	16	37	0.55	136	0.089	<1	1.79	0.011	0.06	0.2	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1297051	Rock Pulp	3	30	0.73	92	0.100	1	1.40	0.073	0.11	13.3	<0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1297053	Soil	13	63	2.13	290	0.148	<1	2.80	0.040	0.53	<0.1	0.02	8.4	0.3	0.22	9	<0.5	<0.2
1297050	Soil	6	89	1.53	103	0.102	<1	2.20	0.016	0.18	0.2	0.03	4.4	0.2	<0.05	6	<0.5	<0.2
1295083	Soil	15	59	0.86	144	0.085	2	2.31	0.010	0.06	0.2	0.02	4.9	0.2	<0.05	6	<0.5	<0.2
1295078	Soil	9	17	0.15	82	0.035	<1	1.02	0.014	0.04	<0.1	0.07	1.4	0.1	<0.05	5	<0.5	<0.2
1295075	Soil	27	38	0.63	160	0.086	<1	1.46	0.013	0.14	0.3	0.03	5.0	0.2	<0.05	5	<0.5	<0.2
1297001	Rock Pulp	16	664	0.13	146	0.145	2	3.77	0.013	0.06	<0.1	0.04	38.7	0.1	<0.05	20	0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 6 of 10

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1295080	Soil	1.3	16.8	11.6	50	<0.1	21.4	9.9	375	2.76	7.3	1.5	9.1	8.8	18	0.1	0.4	0.1	63	0.28
1295077	Soil	2.3	11.0	11.0	50	<0.1	18.5	11.4	622	2.30	6.5	2.7	8.7	7.8	26	0.1	0.4	0.1	60	0.54
1295076	Soil	1.3	14.8	10.8	52	<0.1	21.4	10.0	396	2.28	5.8	2.6	10.6	11.8	20	0.2	0.4	0.2	53	0.41
1295082	Soil	1.1	23.6	8.9	45	<0.1	36.4	12.4	439	3.03	8.5	1.5	6.3	15.1	23	<0.1	0.7	0.1	70	0.31
1297059	Soil	0.8	42.1	7.4	81	<0.1	30.8	19.0	662	3.99	4.0	0.6	3.3	3.4	21	0.1	0.2	<0.1	99	0.63
1297058	Soil	0.9	30.5	7.9	91	<0.1	35.3	19.9	675	4.73	3.5	1.3	10.8	7.6	25	0.1	0.3	0.1	97	0.80
1295079	Soil	0.9	15.9	8.5	48	<0.1	19.0	9.3	401	2.30	5.9	1.3	5.0	9.4	23	0.1	0.4	0.1	55	0.40
1295081	Soil	1.3	19.5	10.5	54	0.2	23.6	10.0	397	2.91	7.8	1.2	9.9	8.6	21	0.1	0.4	0.2	67	0.29
1297066	Soil	1.3	17.3	10.7	51	<0.1	24.2	13.2	683	3.03	6.3	1.7	6.4	13.1	26	0.1	0.5	0.2	58	0.72
1297065	Soil	0.4	14.0	7.8	54	<0.1	160.7	24.3	554	3.52	2.5	0.7	8.9	8.2	25	<0.1	0.2	0.1	75	0.91
1297061	Soil	0.8	24.1	10.7	77	<0.1	29.7	18.6	695	4.18	4.3	0.8	4.8	5.9	24	0.1	0.3	0.1	90	0.81
1297060	Soil	0.8	38.4	4.5	58	<0.1	41.8	19.1	534	3.60	4.2	0.5	1.9	3.9	21	<0.1	0.3	<0.1	91	0.62
1297064	Soil	0.6	32.9	8.5	110	<0.1	42.5	24.0	912	5.42	2.2	0.9	10.7	6.6	27	0.2	0.3	<0.1	127	0.89
1297062	Soil	0.7	28.7	11.0	72	0.1	37.6	17.3	759	3.68	5.4	1.2	8.8	6.0	32	0.1	0.3	0.1	69	1.07
1297052	Soil	1.8	19.7	6.3	47	<0.1	12.7	8.5	511	3.20	6.5	1.1	2.2	9.8	12	<0.1	0.4	<0.1	32	0.14
1297063	Soil	0.8	26.7	5.1	82	<0.1	47.3	23.0	585	4.76	3.4	0.4	6.5	3.0	15	<0.1	0.3	<0.1	95	0.49
1295088	Soil	1.3	21.2	17.0	43	0.2	22.1	8.5	369	2.54	7.6	1.1	17.4	10.8	20	0.1	0.5	0.3	55	0.29
1295087	Soil	1.9	22.3	17.7	51	0.3	24.0	10.1	555	3.27	11.1	1.0	12.1	13.0	22	0.1	0.7	0.3	77	0.32
1295086	Soil	1.1	14.4	10.2	44	0.1	23.2	9.7	409	2.75	7.2	0.8	6.3	11.7	20	<0.1	0.4	0.2	57	0.32
1295085	Soil	1.4	17.7	11.1	49	<0.1	28.1	10.0	392	3.64	9.1	0.9	9.5	11.4	14	<0.1	0.5	0.2	78	0.19
1295092	Soil	0.9	13.1	9.3	42	0.1	17.3	7.4	326	2.33	5.9	0.8	20.4	7.8	21	<0.1	0.4	0.2	54	0.37
1295091	Soil	0.9	18.5	9.1	46	0.2	20.3	9.5	467	2.54	7.1	1.5	11.9	10.1	25	0.2	0.4	0.2	57	0.55
1295090	Soil	1.0	19.8	9.5	47	0.1	20.0	9.8	572	2.61	7.1	0.7	13.7	6.9	23	0.1	0.4	0.2	58	0.43
1295089	Soil	1.2	30.9	13.4	44	<0.1	20.9	8.9	329	2.67	7.5	0.9	32.4	9.3	20	<0.1	0.4	0.2	59	0.38
1295094	Soil	1.0	16.8	11.1	43	0.1	17.8	8.4	326	2.37	6.2	1.1	8.6	9.3	20	0.1	0.4	0.3	55	0.32
1295095	Soil	1.1	15.5	10.5	46	<0.1	18.8	9.3	334	2.64	7.1	0.8	7.3	10.3	18	<0.1	0.4	0.2	61	0.28
1295099	Soil	0.8	28.1	10.0	49	0.1	28.6	12.8	564	2.71	6.4	1.4	10.0	9.6	20	<0.1	0.3	0.2	50	0.54
1295093	Soil	1.1	16.0	11.6	44	0.1	16.1	8.6	458	2.38	6.7	1.2	11.7	10.0	23	0.1	0.4	0.2	54	0.40
1297025	Soil	1.2	40.9	9.3	74	0.3	35.3	11.9	330	3.20	52.2	2.0	19.3	3.0	17	0.3	1.4	0.2	73	0.23
1297002	Soil	0.6	22.3	11.2	53	0.1	23.7	12.5	445	3.13	6.0	1.2	2.5	9.8	22	<0.1	0.3	0.2	70	0.47



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Kaminak Gold Corporation**
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: **SUG**
Report Date: **August 21, 2012**

Page: **6 of 10**

Part: **2 of 2**

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1295080	Soil	17	40	0.57	139	0.083	1	1.76	0.011	0.06	0.2	0.02	4.4	0.1	<0.05	6	<0.5	<0.2
1295077	Soil	13	33	0.49	177	0.073	1	1.45	0.014	0.05	0.3	0.03	4.1	0.1	<0.05	5	<0.5	<0.2
1295076	Soil	25	41	0.63	157	0.091	<1	1.47	0.013	0.15	0.2	0.04	4.9	0.2	<0.05	4	<0.5	<0.2
1295082	Soil	35	69	0.87	190	0.096	1	1.97	0.012	0.10	0.2	0.02	7.0	0.2	<0.05	6	<0.5	<0.2
1297059	Soil	9	57	1.80	371	0.182	<1	2.47	0.013	0.52	<0.1	0.02	4.8	0.3	<0.05	8	<0.5	<0.2
1297058	Soil	18	58	1.99	308	0.134	<1	2.70	0.009	0.64	0.1	0.01	6.2	0.3	<0.05	10	<0.5	<0.2
1295079	Soil	22	36	0.53	161	0.081	<1	1.58	0.013	0.07	0.3	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1295081	Soil	22	45	0.65	165	0.078	1	2.15	0.012	0.09	0.2	0.04	5.3	0.2	<0.05	7	<0.5	<0.2
1297066	Soil	43	44	0.75	216	0.081	1	1.78	0.014	0.15	0.2	0.04	5.6	0.2	<0.05	6	<0.5	<0.2
1297065	Soil	13	278	2.91	157	0.144	<1	2.37	0.007	0.43	<0.1	0.01	5.3	0.3	<0.05	7	<0.5	0.6
1297061	Soil	12	49	1.59	329	0.173	<1	2.33	0.011	0.62	0.1	0.02	4.8	0.3	<0.05	8	<0.5	<0.2
1297060	Soil	8	78	1.81	232	0.141	<1	2.38	0.014	0.36	0.1	0.02	5.2	0.2	<0.05	7	<0.5	<0.2
1297064	Soil	24	78	2.39	442	0.193	<1	2.93	0.011	1.32	0.1	0.02	9.5	0.6	<0.05	9	<0.5	<0.2
1297062	Soil	20	55	1.27	342	0.126	2	2.07	0.015	0.36	0.1	0.06	5.8	0.3	<0.05	6	<0.5	<0.2
1297052	Soil	14	17	0.85	89	0.067	1	1.65	0.012	0.14	0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1297063	Soil	9	71	2.45	335	0.251	<1	3.15	0.008	0.97	0.1	0.01	3.5	0.5	<0.05	9	<0.5	<0.2
1295088	Soil	20	37	0.55	202	0.085	1	1.45	0.014	0.08	0.7	0.02	4.0	0.1	<0.05	5	<0.5	<0.2
1295087	Soil	28	41	0.58	220	0.084	2	2.12	0.011	0.09	0.4	0.02	4.5	0.1	<0.05	7	<0.5	<0.2
1295086	Soil	20	39	0.70	185	0.094	<1	1.96	0.011	0.07	0.3	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1295085	Soil	14	46	0.73	141	0.100	1	2.47	0.009	0.09	0.2	0.01	4.8	0.2	<0.05	8	<0.5	<0.2
1295092	Soil	16	34	0.57	173	0.075	<1	1.44	0.011	0.07	0.4	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1295091	Soil	24	39	0.58	226	0.072	2	1.78	0.014	0.09	0.4	0.05	5.2	0.1	<0.05	5	<0.5	<0.2
1295090	Soil	13	36	0.59	202	0.079	1	1.69	0.013	0.07	0.4	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1295089	Soil	16	39	0.67	235	0.082	1	1.84	0.013	0.06	0.5	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1295094	Soil	20	35	0.53	184	0.071	<1	1.60	0.012	0.07	0.5	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1295095	Soil	15	38	0.58	149	0.070	1	1.85	0.011	0.07	0.4	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1295099	Soil	25	58	0.98	187	0.083	2	1.77	0.011	0.16	0.3	0.03	4.3	0.2	<0.05	5	<0.5	<0.2
1295093	Soil	20	32	0.52	199	0.069	1	1.49	0.012	0.09	0.5	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1297025	Soil	18	46	0.69	265	0.076	2	2.23	0.011	0.09	0.1	0.05	5.5	0.2	<0.05	6	0.6	<0.2
1297002	Soil	24	38	0.94	251	0.124	1	2.00	0.013	0.24	0.1	0.02	4.5	0.2	<0.05	6	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Kaminak Gold Corporation**
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: **SUG**
Report Date: **August 21, 2012**

Page: 7 of 10

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1295097	Soil	0.6	31.0	10.1	49	0.1	36.6	14.4	401	2.80	6.6	0.9	6.2	9.0	19	<0.1	0.3	0.1	54	0.48
1295096	Soil	0.5	42.1	62.1	53	0.1	50.3	18.6	463	3.22	3.7	0.5	4.3	5.1	16	<0.1	0.2	<0.1	62	0.45
1297012	Soil	0.6	16.5	8.3	52	0.1	14.5	8.3	188	2.33	9.8	2.4	4.1	4.6	22	0.2	0.9	0.1	64	0.40
1297027	Soil	1.6	28.6	13.6	69	0.3	34.5	9.0	257	2.68	157.2	0.9	13.6	1.0	15	0.5	4.4	0.2	71	0.15
1295100	Soil	0.7	26.5	9.4	59	0.1	27.2	13.9	676	2.97	6.1	2.1	4.4	11.6	32	0.3	0.3	0.1	59	0.99
1295098	Soil	0.6	33.1	9.0	51	0.1	34.3	14.0	450	2.71	6.1	0.9	4.3	8.9	19	0.1	0.3	0.1	50	0.47
1297010	Soil	1.1	20.5	8.5	64	0.2	18.0	11.0	404	2.85	46.7	2.9	2.1	4.9	24	0.2	1.3	0.1	77	0.34
1297004	Soil	0.5	21.4	9.7	66	0.1	24.3	13.4	693	2.35	10.8	1.9	4.2	3.1	59	0.3	0.2	0.2	49	1.59
1297003	Soil	0.8	24.9	10.7	59	0.1	25.7	14.8	534	3.56	5.7	1.7	6.0	9.9	24	0.1	0.2	0.1	76	0.67
1297005	Soil	0.7	15.5	14.6	77	0.1	28.9	16.8	774	3.55	29.2	1.5	23.7	5.7	29	0.2	1.0	0.2	69	0.69
1297011	Soil	1.2	17.9	8.6	58	0.2	14.5	8.7	319	2.55	20.9	2.3	3.4	5.3	33	0.2	0.9	0.2	73	0.49
1297013	Soil	0.6	33.4	12.3	75	0.1	20.1	15.9	642	3.42	15.4	1.8	4.7	5.6	26	0.1	1.7	0.2	80	0.45
1297008	Soil	0.9	18.7	7.3	61	0.1	16.3	11.8	473	2.94	26.5	2.7	5.3	6.2	25	0.1	1.6	0.1	76	0.38
1297007	Soil	0.6	17.2	6.2	53	<0.1	17.1	11.5	472	2.86	24.1	1.4	4.0	7.6	22	0.2	1.1	<0.1	73	0.38
1297029	Soil	0.9	44.6	7.2	63	0.1	50.3	19.9	478	3.20	130.2	0.7	16.1	3.1	20	<0.1	1.3	0.1	73	0.48
1297028	Soil	1.7	27.7	50.6	83	1.2	34.7	13.4	401	2.82	121.3	1.0	21.9	1.8	28	0.5	3.6	0.2	67	0.55
1297009	Soil	1.1	13.4	8.1	57	0.1	15.0	12.3	561	2.57	30.3	1.5	8.3	4.6	25	0.1	1.5	0.1	70	0.40
1297006	Soil	1.2	21.0	9.1	60	0.2	17.5	13.4	715	2.68	27.6	2.9	3.8	3.8	29	0.3	0.9	0.2	73	0.39
1297030	Soil	1.2	22.8	16.5	56	0.1	86.9	20.1	592	2.93	32.7	0.9	3.3	4.2	24	0.1	0.6	0.2	92	0.45
1297033	Soil	1.3	15.6	6.7	61	0.1	27.9	21.4	892	2.94	9.6	0.7	2.1	3.8	17	0.1	0.3	0.1	62	0.34
1297035	Soil	0.5	13.5	7.0	45	<0.1	13.7	6.2	214	1.96	9.4	1.2	6.4	2.9	16	0.2	0.3	0.1	41	0.25
1297031	Soil	1.4	15.0	8.3	66	<0.1	18.6	12.2	753	2.65	19.7	0.6	7.5	3.9	17	<0.1	0.6	0.2	60	0.30
1297023	Soil	1.7	36.5	13.9	73	0.1	39.4	15.0	490	3.60	40.1	1.0	7.0	4.0	14	0.3	1.7	0.2	78	0.18
1297024	Soil	1.5	34.8	10.5	84	0.4	32.7	11.1	314	3.85	74.0	1.7	18.8	6.9	17	0.1	1.6	0.2	68	0.14
1297034	Soil	1.3	16.5	7.9	59	0.1	20.3	9.5	301	2.56	15.5	0.9	3.0	3.0	16	0.2	0.4	0.1	61	0.27
1297032	Soil	1.7	17.0	5.8	78	<0.1	22.6	13.1	537	3.26	16.8	0.5	2.8	2.8	18	0.1	0.5	<0.1	89	0.47
1285997	Soil	1.3	20.9	8.7	65	0.1	20.2	13.2	843	3.56	9.2	1.7	1.4	5.5	36	0.2	1.1	<0.1	66	0.81
1285998	Soil	1.9	48.1	4.8	71	0.2	43.0	16.7	612	3.04	14.5	1.7	4.3	3.0	35	0.3	1.1	<0.1	69	1.16
1297026	Soil	1.3	34.3	9.5	74	0.3	34.3	10.6	251	3.33	55.9	1.5	21.6	3.5	16	0.3	1.5	0.2	76	0.22
1297021	Soil	1.1	59.0	8.1	75	0.2	45.1	20.1	636	3.80	6.7	0.9	5.3	3.0	22	0.2	0.4	0.2	85	0.36



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 7 of 10

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1295097	Soil	15	75	1.21	194	0.100	1	2.06	0.011	0.16	0.3	0.02	3.9	0.2	<0.05	5	<0.5	<0.2
1295096	Soil	13	131	2.05	198	0.111	<1	2.58	0.010	0.40	0.1	0.02	5.0	0.4	<0.05	6	<0.5	0.3
1297012	Soil	13	30	0.60	208	0.100	2	1.87	0.015	0.05	0.2	0.04	4.5	0.2	<0.05	6	<0.5	<0.2
1297027	Soil	13	55	0.55	486	0.056	2	1.52	0.009	0.07	<0.1	0.05	3.5	0.2	<0.05	7	0.6	<0.2
1295100	Soil	43	41	0.90	305	0.087	2	1.82	0.012	0.27	0.2	0.04	5.8	0.2	<0.05	5	<0.5	<0.2
1295098	Soil	17	69	1.25	185	0.104	1	2.04	0.012	0.15	0.3	0.02	3.9	0.2	<0.05	5	<0.5	<0.2
1297010	Soil	16	30	0.60	292	0.094	2	2.13	0.017	0.06	0.2	0.04	4.6	0.2	0.05	7	<0.5	<0.2
1297004	Soil	21	40	0.87	230	0.074	3	1.48	0.017	0.08	0.2	0.07	4.0	0.2	0.07	5	<0.5	<0.2
1297003	Soil	29	45	1.15	328	0.147	1	2.15	0.012	0.41	0.2	0.02	5.4	0.3	<0.05	7	<0.5	<0.2
1297005	Soil	16	52	1.33	148	0.101	2	1.85	0.014	0.18	0.2	0.03	4.8	0.2	<0.05	6	<0.5	<0.2
1297011	Soil	12	29	0.53	303	0.104	2	1.76	0.016	0.07	0.2	0.05	4.2	0.2	<0.05	6	<0.5	<0.2
1297013	Soil	16	37	0.84	263	0.067	2	2.38	0.015	0.07	0.2	0.03	7.0	0.2	<0.05	7	<0.5	<0.2
1297008	Soil	14	31	0.67	263	0.114	1	1.78	0.016	0.07	0.2	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1297007	Soil	12	29	0.68	190	0.123	1	1.68	0.020	0.10	0.3	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1297029	Soil	8	92	1.19	554	0.094	1	1.77	0.017	0.12	0.2	0.03	4.8	0.2	<0.05	5	<0.5	<0.2
1297028	Soil	9	52	0.73	973	0.065	2	1.62	0.013	0.08	0.2	0.09	4.4	0.3	<0.05	7	0.6	<0.2
1297009	Soil	11	29	0.65	221	0.102	2	1.74	0.017	0.07	0.3	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1297006	Soil	15	32	0.57	308	0.089	2	1.97	0.017	0.08	0.2	0.04	4.2	0.2	<0.05	7	<0.5	<0.2
1297030	Soil	7	145	1.56	399	0.143	1	1.97	0.019	0.37	0.4	0.03	3.8	0.6	<0.05	8	<0.5	<0.2
1297033	Soil	14	56	1.01	232	0.113	1	1.62	0.014	0.22	0.1	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1297035	Soil	17	32	0.50	187	0.064	<1	1.28	0.014	0.05	<0.1	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1297031	Soil	20	34	0.60	261	0.096	2	1.20	0.014	0.10	0.2	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1297023	Soil	15	53	0.62	377	0.063	1	2.37	0.010	0.06	0.2	0.05	5.3	0.2	<0.05	7	0.6	<0.2
1297024	Soil	23	47	0.91	146	0.083	1	2.22	0.012	0.29	0.1	0.05	4.8	0.4	<0.05	7	<0.5	<0.2
1297034	Soil	13	42	0.70	193	0.087	1	1.43	0.012	0.10	0.1	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
1297032	Soil	18	48	1.33	301	0.141	1	1.76	0.016	0.26	0.2	0.02	4.2	0.2	<0.05	8	<0.5	<0.2
1285997	Soil	26	32	0.62	276	0.042	2	1.51	0.018	0.08	0.2	0.04	11.5	<0.1	<0.05	5	0.7	<0.2
1285998	Soil	17	65	0.90	521	0.058	2	1.46	0.015	0.12	<0.1	0.05	7.1	0.2	<0.05	5	0.6	<0.2
1297026	Soil	16	47	0.72	230	0.082	1	2.15	0.010	0.11	0.2	0.06	5.2	0.2	<0.05	7	<0.5	<0.2
1297021	Soil	12	94	1.34	203	0.064	1	2.59	0.011	0.04	0.1	0.03	7.7	0.1	<0.05	8	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Kaminak Gold Corporation**
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: **SUG**
Report Date: **August 21, 2012**

Page: 8 of 10

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1285999	Soil	1.0	24.5	6.5	54	0.2	17.4	12.6	542	2.17	7.5	1.1	4.7	2.0	29	0.1	0.4	0.1	48	0.71
1285996	Soil	0.9	18.8	12.2	83	0.1	23.1	12.5	683	3.40	33.9	2.3	16.4	11.2	36	0.1	2.2	0.2	72	0.69
1297018	Soil	0.8	54.9	8.9	67	0.2	26.5	14.7	277	2.99	8.8	1.2	3.2	3.6	26	<0.1	0.8	0.1	74	0.39
1297022	Soil	2.1	26.7	13.6	89	<0.1	25.3	13.3	670	3.73	88.3	0.6	6.9	2.4	14	0.4	2.6	0.3	81	0.17
1286000	Soil	0.8	31.5	6.0	68	<0.1	22.0	12.6	370	2.73	8.5	1.2	2.5	3.5	33	0.2	0.7	0.1	61	0.85
1297014	Soil	1.1	44.7	17.2	78	0.2	23.4	16.0	569	3.09	10.6	1.6	4.1	5.2	26	0.2	1.6	0.1	77	0.40
1297017	Soil	1.9	77.9	7.0	60	0.1	21.9	13.7	273	3.15	5.5	1.0	2.6	2.8	43	0.1	0.5	<0.1	93	0.64
1297020	Soil	0.9	50.9	12.5	94	0.3	58.6	17.4	386	4.63	10.3	1.5	5.8	10.2	20	0.2	0.4	0.2	81	0.62
1285957	Soil	1.6	39.1	7.5	64	0.2	22.4	15.8	931	3.13	4.4	3.5	3.9	15.3	33	0.1	0.5	0.2	67	0.98
1297015	Soil	2.0	52.8	8.7	89	0.1	24.0	20.7	1335	3.46	9.5	1.0	2.4	3.3	32	0.2	0.9	0.1	85	0.40
1297016	Soil	1.1	62.0	9.3	67	0.2	22.9	13.8	451	2.78	6.1	0.8	5.2	2.8	31	0.2	0.7	0.1	73	0.41
1297019	Soil	0.8	42.3	12.1	72	0.2	27.2	14.1	450	3.28	11.3	1.5	3.5	3.4	27	0.1	1.1	0.1	72	0.48
1285613	Soil	1.0	14.6	11.8	48	<0.1	22.5	10.5	345	2.68	4.1	1.5	14.4	19.6	18	<0.1	0.5	0.2	52	0.39
1285615	Soil	1.3	20.9	10.8	64	0.1	28.2	13.5	533	3.19	7.4	1.2	3.8	7.8	30	0.1	0.3	0.3	70	0.77
1285619	Soil	1.0	33.5	11.6	53	0.2	28.0	12.3	665	2.88	5.5	1.8	6.4	11.4	38	0.2	0.4	0.2	50	1.10
1285958	Soil	1.3	38.9	9.4	62	0.1	31.0	15.4	448	3.23	5.5	2.6	5.6	22.6	32	0.2	0.6	0.2	63	0.87
1285601	Rock Pulp	1.5	428.4	20.5	151	0.2	213.1	77.5	779	14.78	2.5	1.2	30.3	7.0	13	<0.1	0.3	0.2	222	0.28
1285614	Soil	1.6	14.5	22.6	47	<0.1	21.4	10.2	278	2.90	8.3	0.7	4.5	7.1	12	<0.1	0.5	0.4	66	0.17
1285618	Soil	1.4	38.7	10.0	66	0.1	26.2	14.5	686	3.37	5.0	1.5	8.6	7.5	23	<0.1	0.3	0.2	65	0.70
1285610	Soil	1.2	19.2	7.3	55	<0.1	30.1	13.7	564	2.70	4.9	1.3	4.9	8.2	24	0.1	0.3	0.2	66	0.70
1285994	Soil	0.9	19.9	10.9	69	0.2	19.5	12.2	524	3.16	7.2	6.1	3.0	11.1	43	0.1	0.4	0.2	79	1.04
1285617	Soil	1.2	22.9	8.3	55	0.1	20.5	12.0	524	2.87	4.8	1.4	2.7	4.9	22	0.1	0.5	0.2	63	0.61
1285611	Soil	1.1	17.6	8.5	55	0.1	28.3	13.8	602	2.74	5.4	1.4	5.0	8.8	28	0.2	0.4	0.2	67	0.76
1285609	Soil	1.2	26.5	7.9	53	0.1	30.3	13.5	474	2.72	5.6	1.5	4.6	13.8	23	<0.1	0.4	0.2	64	0.61
1285993	Soil	1.0	15.2	8.9	71	<0.1	15.2	10.4	475	3.18	6.0	1.7	1.8	15.2	24	0.1	0.3	0.2	80	0.45
1285616	Soil	1.0	15.8	6.6	45	<0.1	17.1	10.0	373	2.55	4.6	1.0	3.5	3.4	19	<0.1	0.3	0.2	58	0.41
1285620	Soil	0.7	23.3	10.1	46	<0.1	78.2	23.7	660	3.71	3.7	1.1	1.6	4.7	19	<0.1	0.4	<0.1	86	0.42
1285612	Soil	2.0	14.8	10.4	47	<0.1	22.7	10.7	282	2.54	5.5	0.9	9.7	9.1	13	<0.1	0.4	0.3	69	0.21
1286236	Soil	0.7	17.9	8.6	56	0.1	22.2	11.9	309	2.45	4.7	1.7	8.0	10.3	19	0.2	0.4	0.2	63	0.37
1286238	Soil	1.7	17.8	10.1	58	0.1	23.2	15.8	734	2.68	6.1	1.9	5.7	8.2	21	0.2	0.4	0.2	66	0.37



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 8 of 10

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1285999	Soil	12	33	0.53	197	0.050	1	1.40	0.017	0.05	0.1	0.06	4.6	<0.1	0.05	5	0.6	<0.2
1285996	Soil	32	38	0.65	570	0.070	2	2.08	0.017	0.10	0.1	0.05	9.2	0.2	<0.05	7	<0.5	<0.2
1297018	Soil	12	45	0.85	216	0.073	1	2.36	0.017	0.05	0.1	0.05	6.3	0.1	<0.05	7	<0.5	<0.2
1297022	Soil	11	35	0.40	125	0.058	1	1.25	0.009	0.05	0.2	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1286000	Soil	14	35	0.74	236	0.073	1	1.44	0.022	0.09	0.2	0.04	6.0	<0.1	<0.05	5	<0.5	<0.2
1297014	Soil	16	39	0.79	279	0.064	1	2.18	0.016	0.06	0.2	0.07	7.9	0.2	<0.05	6	<0.5	<0.2
1297017	Soil	12	39	0.87	212	0.098	<1	2.03	0.025	0.04	0.1	0.04	7.0	<0.1	<0.05	6	<0.5	<0.2
1297020	Soil	39	76	1.25	166	0.107	<1	2.64	0.016	0.28	0.1	0.04	8.7	0.3	<0.05	9	0.7	<0.2
1285957	Soil	50	45	1.19	350	0.127	1	1.85	0.016	0.38	0.1	0.05	7.0	0.3	<0.05	6	0.6	<0.2
1297015	Soil	10	41	0.84	239	0.082	1	2.56	0.017	0.07	0.1	0.03	6.3	0.2	<0.05	7	<0.5	<0.2
1297016	Soil	10	40	0.83	217	0.078	<1	2.20	0.019	0.05	0.1	0.04	6.2	0.1	<0.05	7	<0.5	<0.2
1297019	Soil	15	47	0.85	224	0.056	1	2.12	0.016	0.05	0.2	0.04	6.4	0.1	<0.05	7	<0.5	<0.2
1285613	Soil	33	48	0.97	163	0.090	<1	1.53	0.013	0.24	0.2	0.02	6.2	0.3	<0.05	5	<0.5	<0.2
1285615	Soil	17	50	1.06	207	0.086	2	2.12	0.016	0.13	0.1	0.04	6.0	0.2	<0.05	7	0.5	<0.2
1285619	Soil	69	44	0.88	289	0.061	1	1.75	0.016	0.15	<0.1	0.05	5.3	0.1	<0.05	6	<0.5	<0.2
1285958	Soil	48	69	1.23	292	0.120	<1	1.95	0.014	0.39	0.1	0.04	6.3	0.3	<0.05	7	<0.5	<0.2
1285601	Rock Pulp	16	685	0.12	131	0.153	3	3.60	0.012	0.06	<0.1	0.03	35.4	<0.1	<0.05	19	<0.5	<0.2
1285614	Soil	10	41	0.67	139	0.075	2	1.83	0.008	0.08	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1285618	Soil	30	44	1.11	179	0.079	3	1.79	0.011	0.24	0.1	0.04	5.9	0.2	<0.05	6	<0.5	<0.2
1285610	Soil	22	68	1.01	226	0.098	7	1.72	0.013	0.17	0.1	0.03	4.2	0.2	<0.05	6	0.6	<0.2
1285994	Soil	38	32	0.61	347	0.094	3	2.39	0.014	0.10	0.2	0.06	7.0	0.3	<0.05	8	<0.5	<0.2
1285617	Soil	18	39	1.02	290	0.072	2	1.75	0.012	0.13	0.1	0.03	5.2	0.2	<0.05	6	<0.5	<0.2
1285611	Soil	26	58	0.87	256	0.092	2	1.66	0.013	0.12	0.1	0.04	4.5	0.2	<0.05	6	<0.5	<0.2
1285609	Soil	30	60	0.99	205	0.115	2	1.68	0.012	0.19	0.1	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1285993	Soil	36	29	0.70	290	0.116	2	1.91	0.017	0.15	0.2	0.02	6.9	0.3	<0.05	7	<0.5	<0.2
1285616	Soil	12	32	0.81	169	0.074	1	1.53	0.012	0.10	0.2	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1285620	Soil	27	171	2.24	173	0.042	3	2.56	0.010	0.07	0.1	0.02	9.2	<0.1	<0.05	8	<0.5	<0.2
1285612	Soil	14	52	0.82	102	0.118	2	1.50	0.011	0.12	0.2	0.03	3.0	0.2	<0.05	7	<0.5	<0.2
1286236	Soil	22	37	0.61	168	0.080	2	1.70	0.012	0.08	0.2	0.04	4.5	0.2	<0.05	5	<0.5	<0.2
1286238	Soil	19	41	0.60	181	0.072	2	1.77	0.012	0.07	0.2	0.04	4.7	0.2	<0.05	6	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 9 of 10

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1285995	Soil	1.0	17.7	12.1	73	<0.1	20.3	11.6	491	3.44	24.7	1.8	6.1	14.7	28	0.1	0.5	0.3	85	0.51	0.052
1285608	Soil	1.2	12.6	10.1	65	<0.1	13.3	11.2	615	3.33	7.9	1.0	2.9	13.1	20	<0.1	0.4	1.2	83	0.37	0.066
1286246	Soil	1.0	16.7	7.7	55	<0.1	38.4	14.0	523	2.73	4.5	1.1	4.1	7.8	18	0.2	0.3	0.2	69	0.35	0.045
1287459	Soil	1.3	13.6	8.0	57	<0.1	21.9	11.7	424	2.47	6.0	1.3	3.0	10.7	20	0.1	0.3	0.2	59	0.36	0.055
1285603	Soil	1.7	14.5	10.3	55	<0.1	18.5	10.8	360	3.53	10.0	1.4	4.4	8.3	11	0.1	0.5	0.2	80	0.15	0.046
1285607	Soil	1.3	21.8	9.5	64	0.1	21.1	11.8	476	3.11	18.3	1.8	5.1	10.5	25	<0.1	0.5	0.2	74	0.40	0.063
1286234	Soil	1.7	13.7	9.6	58	<0.1	20.0	13.8	669	2.85	6.8	1.0	3.7	8.1	21	0.1	0.3	0.2	73	0.42	0.051
1286243	Soil	1.3	15.1	8.8	52	0.1	20.8	14.3	664	2.41	4.7	1.3	6.6	6.6	20	0.1	0.3	0.2	59	0.34	0.048
1285604	Soil	1.5	9.5	10.9	119	<0.1	11.3	13.6	1081	5.49	2.3	2.6	0.8	31.2	20	0.1	0.5	0.1	90	0.43	0.117
1285606	Soil	1.4	13.9	12.8	86	<0.1	11.4	10.5	831	3.98	7.7	2.3	6.8	26.0	22	<0.1	1.1	0.2	70	0.51	0.097
1287458	Soil	1.4	15.9	8.0	59	<0.1	29.8	13.9	624	2.79	6.2	1.3	2.9	10.7	20	0.1	0.3	0.3	68	0.35	0.053
1286247	Soil	1.0	17.7	8.7	56	<0.1	20.7	12.4	540	2.52	5.2	1.7	5.2	8.1	19	0.1	0.4	0.2	62	0.32	0.049
1285602	Soil	1.5	13.0	9.9	78	<0.1	15.1	10.9	728	3.80	6.0	1.6	1.2	14.4	17	0.1	0.6	0.1	78	0.25	0.064
1285605	Soil	1.1	12.0	11.3	68	<0.1	13.4	8.4	507	2.97	30.1	3.1	16.9	18.6	16	<0.1	0.4	0.1	56	0.30	0.063
1287454	Soil	1.6	16.8	12.8	58	<0.1	30.0	12.2	398	2.77	6.6	2.3	9.2	19.0	18	0.1	0.3	0.2	65	0.34	0.054
1287455	Soil	2.1	16.5	11.5	54	<0.1	25.1	11.5	439	2.71	6.9	1.6	4.7	13.9	17	<0.1	0.3	0.2	69	0.28	0.040
1287452	Soil	1.4	16.4	10.3	53	<0.1	18.6	11.0	523	2.57	7.0	2.0	2.5	14.4	16	<0.1	0.3	0.2	62	0.28	0.045
1287461	Soil	1.4	16.5	10.2	66	0.1	24.9	13.1	573	2.99	6.6	1.3	6.8	9.3	19	0.1	0.4	0.2	72	0.33	0.044
1286245	Soil	1.0	17.1	8.0	59	<0.1	47.6	17.6	664	2.89	4.5	1.2	2.4	8.3	22	<0.1	0.3	0.2	73	0.44	0.058
1286239	Soil	1.1	19.2	9.2	57	<0.1	24.7	13.3	517	2.73	6.1	1.5	9.0	11.0	21	0.2	0.5	0.2	65	0.41	0.051
1286249	Soil	1.7	14.1	15.2	61	<0.1	23.7	12.6	595	2.80	7.8	1.2	3.3	14.0	16	<0.1	0.3	0.4	66	0.30	0.045
1286225	Soil	1.8	17.3	12.3	51	<0.1	22.1	9.5	417	2.39	8.0	1.9	4.7	16.9	19	0.1	0.3	0.2	54	0.37	0.057
1286226	Soil	2.0	15.8	14.2	60	<0.1	21.7	11.9	540	2.80	10.5	1.5	5.9	14.5	20	0.2	0.3	0.3	65	0.34	0.055
1287457	Soil	1.1	14.8	8.2	53	<0.1	25.0	11.4	426	2.48	5.3	1.7	6.7	12.1	23	0.1	0.3	0.2	60	0.40	0.056
1286248	Soil	1.4	16.5	10.5	60	<0.1	31.4	12.3	470	2.76	7.6	1.3	6.2	14.6	21	0.2	0.3	0.4	68	0.35	0.054
1286242	Soil	1.2	15.9	9.8	55	0.1	20.9	11.6	389	2.53	5.9	2.2	18.9	8.7	23	0.2	0.4	0.3	64	0.41	0.044
1286231	Soil	1.1	15.5	13.7	64	<0.1	26.7	13.2	338	2.96	7.1	1.3	5.2	16.6	22	0.1	0.4	0.3	72	0.37	0.057
1287453	Soil	1.3	15.2	15.0	56	<0.1	32.0	13.0	525	2.68	10.9	1.9	16.2	17.8	19	0.1	0.2	0.2	66	0.35	0.059
1286233	Soil	1.6	15.0	13.7	59	0.1	22.4	12.2	491	2.95	8.1	1.5	10.1	12.1	23	0.1	0.3	0.2	69	0.38	0.050
1286250	Soil	2.2	14.2	17.0	51	<0.1	22.0	10.1	420	2.94	10.7	1.7	7.1	17.8	17	0.1	0.3	0.2	73	0.21	0.045



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 9 of 10

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1285995	Soil	40	35	0.68	311	0.137	3	2.26	0.014	0.10	0.2	0.04	6.1	0.3	<0.05	8	0.5	<0.2
1285608	Soil	18	25	0.69	247	0.118	1	2.12	0.015	0.14	0.2	0.02	5.6	0.3	<0.05	8	<0.5	<0.2
1286246	Soil	15	63	1.01	152	0.102	1	1.85	0.012	0.15	0.2	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1287459	Soil	26	42	0.68	151	0.074	2	1.52	0.010	0.13	0.2	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1285603	Soil	11	35	0.53	156	0.084	2	2.16	0.009	0.07	0.2	0.04	3.9	0.1	<0.05	8	<0.5	<0.2
1285607	Soil	36	33	0.59	270	0.095	2	2.07	0.015	0.07	0.2	0.03	5.7	0.2	<0.05	7	<0.5	<0.2
1286234	Soil	15	40	0.83	159	0.106	2	1.63	0.010	0.09	0.2	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1286243	Soil	17	36	0.57	156	0.071	1	1.60	0.013	0.07	0.2	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1285604	Soil	43	19	0.97	969	0.274	<1	2.73	0.014	0.75	0.1	0.01	12.0	1.3	<0.05	12	<0.5	<0.2
1285606	Soil	41	21	0.74	577	0.107	1	2.02	0.012	0.29	0.1	0.01	8.8	0.6	<0.05	9	<0.5	<0.2
1287458	Soil	23	57	0.87	134	0.098	2	1.70	0.011	0.14	0.2	0.02	3.7	0.2	<0.05	6	<0.5	<0.2
1286247	Soil	21	36	0.61	190	0.077	2	1.72	0.012	0.06	0.2	0.03	4.3	0.1	<0.05	6	<0.5	<0.2
1285602	Soil	19	27	0.66	373	0.128	1	1.87	0.012	0.21	0.1	0.02	5.8	0.3	<0.05	9	<0.5	<0.2
1285605	Soil	78	22	0.41	296	0.074	1	1.41	0.011	0.12	0.1	0.02	6.3	0.2	<0.05	6	0.6	<0.2
1287454	Soil	31	54	0.79	126	0.088	1	1.77	0.010	0.15	0.3	0.03	4.4	0.2	<0.05	6	<0.5	<0.2
1287455	Soil	34	52	0.71	137	0.098	2	1.69	0.010	0.13	0.2	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1287452	Soil	27	33	0.55	139	0.077	2	1.66	0.010	0.08	0.2	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1287461	Soil	16	45	0.74	146	0.081	2	1.93	0.012	0.08	0.2	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1286245	Soil	17	87	1.23	181	0.106	2	2.04	0.013	0.21	0.2	0.02	4.2	0.3	<0.05	6	<0.5	<0.2
1286239	Soil	21	43	0.73	158	0.098	2	1.70	0.014	0.11	0.2	0.03	4.6	0.2	<0.05	5	<0.5	<0.2
1286249	Soil	16	45	0.70	108	0.086	2	1.64	0.010	0.12	0.2	0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1286225	Soil	39	39	0.59	133	0.082	2	1.47	0.013	0.10	0.2	0.03	4.6	0.2	<0.05	5	<0.5	<0.2
1286226	Soil	26	42	0.61	136	0.092	3	1.71	0.012	0.10	0.3	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1287457	Soil	37	48	0.79	146	0.105	1	1.61	0.014	0.17	0.3	0.02	3.9	0.2	<0.05	5	<0.5	<0.2
1286248	Soil	25	59	0.91	134	0.111	2	1.79	0.012	0.17	0.3	0.02	3.9	0.3	<0.05	6	<0.5	<0.2
1286242	Soil	20	38	0.61	167	0.079	1	1.67	0.016	0.08	0.2	0.05	4.3	0.2	<0.05	5	<0.5	<0.2
1286231	Soil	18	53	0.85	122	0.108	2	2.02	0.014	0.16	0.3	0.02	4.0	0.3	<0.05	6	<0.5	<0.2
1287453	Soil	22	62	0.84	129	0.096	<1	1.78	0.012	0.15	0.2	0.01	3.8	0.3	<0.05	6	<0.5	<0.2
1286233	Soil	21	40	0.70	161	0.087	2	1.86	0.012	0.10	0.2	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1286250	Soil	23	41	0.59	92	0.097	2	1.77	0.014	0.13	0.2	0.03	3.6	0.2	<0.05	7	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 10 of 10

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1287451	Rock Pulp	2.4	24.1	2.1	42	0.3	22.6	10.2	412	2.39	4.8	0.2	4.6	0.8	36	0.1	0.3	<0.1	60	0.83
1283701	Rock Pulp	1.3	478.2	20.9	168	0.2	210.6	75.7	845	15.93	3.2	1.2	33.5	7.1	14	0.1	0.3	0.1	213	0.29
1287460	Soil	1.5	17.7	12.8	65	0.1	22.8	19.8	1697	3.03	7.1	1.5	2.6	8.6	21	0.2	0.4	0.2	66	0.33
1287462	Soil	1.4	13.4	10.4	58	0.1	27.0	14.6	671	2.74	5.5	1.5	5.0	7.5	24	<0.1	0.4	0.2	65	0.42
1286240	Soil	0.9	14.0	11.9	54	<0.1	22.1	13.6	450	2.54	6.1	1.7	9.2	10.8	22	0.1	0.5	0.2	56	0.42
1286241	Soil	1.2	15.5	11.1	62	0.2	22.7	13.9	778	2.65	5.6	2.6	15.3	9.2	30	<0.1	0.4	0.2	55	0.56
1287456	Soil	1.2	15.0	13.0	59	<0.1	23.9	11.9	477	2.88	6.9	1.4	14.7	11.9	20	0.2	0.3	0.1	63	0.34
1286237	Soil	1.4	14.8	10.9	55	<0.1	21.7	11.4	450	2.47	5.7	1.2	4.8	10.2	21	0.1	0.4	0.2	54	0.38
1283703	Soil	1.7	15.7	13.2	61	<0.1	36.1	15.9	652	2.91	5.8	1.1	3.6	9.4	22	<0.1	0.3	0.1	66	0.43
1286244	Soil	1.2	14.3	9.2	57	0.1	19.4	12.1	590	2.51	5.6	1.4	2.4	6.7	21	0.1	0.4	0.2	58	0.38
1286235	Soil	1.2	15.7	12.8	59	<0.1	20.4	11.5	479	2.73	6.6	1.2	2.8	9.5	20	0.1	0.4	0.2	63	0.34
1286232	Soil	1.1	16.3	13.2	61	<0.1	25.2	11.3	571	2.74	8.5	1.7	1.8	18.6	19	<0.1	0.3	0.2	59	0.36



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 10 of 10

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000637.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1287451	Rock Pulp	4	29	0.78	90	0.107	2	1.51	0.079	0.12	13.4	<0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1283701	Rock Pulp	16	670	0.14	140	0.160	4	4.10	0.014	0.07	<0.1	0.04	41.6	0.1	<0.05	21	<0.5	<0.2
1287460	Soil	18	44	0.67	194	0.069	2	1.87	0.014	0.09	0.2	0.04	4.6	0.2	<0.05	7	<0.5	<0.2
1287462	Soil	16	51	0.74	168	0.076	2	1.78	0.014	0.08	0.2	0.04	4.4	0.2	<0.05	6	<0.5	<0.2
1286240	Soil	18	40	0.69	164	0.083	2	1.69	0.015	0.09	0.2	0.03	4.6	0.2	<0.05	5	<0.5	<0.2
1286241	Soil	35	43	0.66	226	0.071	2	1.85	0.015	0.10	0.2	0.05	5.7	0.2	<0.05	6	<0.5	<0.2
1287456	Soil	24	43	0.82	134	0.108	2	1.68	0.013	0.21	0.2	0.02	3.9	0.2	<0.05	5	<0.5	<0.2
1286237	Soil	16	40	0.68	149	0.087	2	1.62	0.014	0.10	0.2	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1283703	Soil	17	70	1.09	160	0.114	2	2.01	0.014	0.23	0.2	0.02	4.4	0.3	<0.05	6	<0.5	<0.2
1286244	Soil	15	34	0.61	177	0.070	2	1.69	0.014	0.06	0.2	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1286235	Soil	16	35	0.63	169	0.086	2	1.71	0.014	0.09	0.2	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1286232	Soil	33	49	0.74	146	0.085	2	1.83	0.013	0.08	0.2	0.02	4.3	0.2	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Kaminak Gold Corporation

1020 - 800 West Pender Street

Vancouver BC V6C 2V6 Canada

Project: SUG

Report Date: August 21, 2012

Page: 1 of 2

Part: 1 of 2

QUALITY CONTROL REPORT

WHI12000637.1

Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
Pulp Duplicates																					
1286053	Soil	1.3	18.2	9.6	50	<0.1	28.5	14.0	442	3.14	7.1	0.9	3.8	9.7	15	<0.1	0.4	0.1	77	0.24	0.026
REP 1286053	QC	1.4	18.6	9.7	51	<0.1	29.2	14.0	457	3.18	7.4	0.9	3.0	9.6	16	<0.1	0.4	0.2	77	0.23	0.025
1285856	Soil	1.3	16.9	9.7	37	<0.1	18.4	9.8	365	2.17	3.8	2.1	15.6	18.2	26	<0.1	0.4	0.2	53	0.68	0.049
REP 1285856	QC	1.3	17.0	9.9	37	<0.1	18.4	9.9	367	2.15	4.1	2.1	11.5	18.2	26	<0.1	0.4	0.2	54	0.70	0.048
1285875	Soil	0.8	41.9	8.4	55	0.2	33.5	13.5	555	2.66	14.8	1.4	5.7	2.7	35	0.2	1.8	0.1	64	1.10	0.039
REP 1285875	QC	0.9	41.7	8.9	54	0.2	33.4	13.2	557	2.67	14.9	1.4	4.9	2.8	34	0.1	1.9	0.1	65	1.10	0.039
1297451	Rock Pulp	2.3	23.3	2.1	42	0.3	23.3	10.4	390	2.29	4.1	0.2	<0.5	0.8	37	0.2	0.3	<0.1	64	0.81	0.056
REP 1297451	QC	2.5	22.6	2.1	40	0.3	22.8	10.2	398	2.29	4.3	0.3	<0.5	0.8	37	0.1	0.3	<0.1	61	0.81	0.057
1297434	Soil	1.0	26.0	11.9	98	<0.1	37.5	16.0	584	3.74	5.9	0.9	5.6	6.9	22	0.2	0.5	0.2	71	0.64	0.082
REP 1297434	QC	1.2	25.5	11.8	98	<0.1	36.8	16.2	570	3.76	6.2	0.9	6.8	6.9	24	0.1	0.5	0.2	74	0.64	0.079
1297043	Soil	0.6	12.4	6.7	58	<0.1	11.0	11.6	440	2.84	25.0	1.0	3.8	4.5	17	0.1	1.2	<0.1	89	0.29	0.066
REP 1297043	QC	0.6	11.5	6.6	56	<0.1	10.9	10.9	429	2.78	24.5	0.9	1.9	4.3	17	<0.1	1.2	<0.1	88	0.28	0.064
1297058	Soil	0.9	30.5	7.9	91	<0.1	35.3	19.9	675	4.73	3.5	1.3	10.8	7.6	25	0.1	0.3	0.1	97	0.80	0.122
REP 1297058	QC	0.8	31.0	7.9	91	<0.1	35.8	20.9	670	4.77	3.4	1.3	9.4	7.8	26	0.1	0.4	0.1	96	0.82	0.132
1297052	Soil	1.8	19.7	6.3	47	<0.1	12.7	8.5	511	3.20	6.5	1.1	2.2	9.8	12	<0.1	0.4	<0.1	32	0.14	0.027
REP 1297052	QC	1.8	20.3	6.4	48	<0.1	12.9	8.6	525	3.19	6.7	1.2	1.9	9.7	13	<0.1	0.3	0.1	33	0.14	0.026
1297033	Soil	1.3	15.6	6.7	61	0.1	27.9	21.4	892	2.94	9.6	0.7	2.1	3.8	17	0.1	0.3	0.1	62	0.34	0.067
REP 1297033	QC	1.3	15.2	6.9	60	0.1	26.9	20.6	904	2.95	9.2	0.7	5.1	3.9	18	0.1	0.4	<0.1	62	0.34	0.068
1285619	Soil	1.0	33.5	11.6	53	0.2	28.0	12.3	665	2.88	5.5	1.8	6.4	11.4	38	0.2	0.4	0.2	50	1.10	0.045
REP 1285619	QC	1.0	33.4	11.7	52	0.2	27.6	12.1	677	2.96	6.0	1.7	4.5	11.5	40	0.2	0.4	0.2	51	1.14	0.046
1285616	Soil	1.0	15.8	6.6	45	<0.1	17.1	10.0	373	2.55	4.6	1.0	3.5	3.4	19	<0.1	0.3	0.2	58	0.41	0.038
REP 1285616	QC	1.0	15.5	6.5	45	<0.1	16.6	10.0	374	2.55	4.0	1.0	3.0	3.4	19	0.1	0.3	0.2	58	0.40	0.037
1286239	Soil	1.1	19.2	9.2	57	<0.1	24.7	13.3	517	2.73	6.1	1.5	9.0	11.0	21	0.2	0.5	0.2	65	0.41	0.051
REP 1286239	QC	1.2	18.9	9.0	56	<0.1	24.3	13.2	515	2.70	5.8	1.4	18.3	10.6	21	0.2	0.5	0.2	64	0.40	0.047
1286240	Soil	0.9	14.0	11.9	54	<0.1	22.1	13.6	450	2.54	6.1	1.7	9.2	10.8	22	0.1	0.5	0.2	56	0.42	0.051
REP 1286240	QC	0.9	15.4	12.6	57	<0.1	23.2	14.0	480	2.61	6.1	1.7	12.9	10.7	22	0.1	0.5	0.2	59	0.44	0.051
1286232	Soil	1.1	16.3	13.2	61	<0.1	25.2	11.3	571	2.74	8.5	1.7	1.8	18.6	19	<0.1	0.3	0.2	59	0.36	0.050
REP 1286232	QC	1.2	15.4	13.5	58	<0.1	24.7	11.1	542	2.74	8.3	1.7	2.5	18.2	20	0.1	0.3	0.2	59	0.35	0.050



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Kaminak Gold Corporation**

1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: **SUG**

Report Date: **August 21, 2012**

Page: **1 of 2**

Part: **2 of 2**

QUALITY CONTROL REPORT

WHI12000637.1

Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1286053	Soil	21	61	0.84	143	0.113	2	2.17	0.009	0.12	0.1	0.02	4.8	0.2	<0.05	6	<0.5	<0.2
REP 1286053	QC	21	62	0.85	144	0.115	2	2.17	0.010	0.12	0.1	0.02	4.8	0.2	<0.05	6	<0.5	<0.2
1285856	Soil	40	38	0.58	247	0.089	2	1.33	0.014	0.13	0.2	0.04	4.1	0.2	<0.05	4	<0.5	<0.2
REP 1285856	QC	40	38	0.59	245	0.087	2	1.33	0.014	0.13	0.2	0.04	4.1	0.2	<0.05	4	<0.5	<0.2
1285875	Soil	13	55	0.79	455	0.061	1	1.74	0.021	0.05	0.2	0.05	6.4	<0.1	<0.05	5	0.8	<0.2
REP 1285875	QC	13	53	0.76	459	0.061	1	1.74	0.021	0.06	0.2	0.04	6.3	<0.1	<0.05	5	<0.5	<0.2
1297451	Rock Pulp	4	30	0.78	92	0.113	<1	1.49	0.082	0.11	12.9	0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
REP 1297451	QC	4	31	0.76	93	0.107	1	1.48	0.084	0.11	12.7	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1297434	Soil	17	57	1.51	318	0.144	1	2.05	0.012	0.52	0.1	0.02	5.2	0.3	<0.05	7	<0.5	<0.2
REP 1297434	QC	18	58	1.54	330	0.148	1	2.09	0.012	0.54	0.1	0.02	5.3	0.3	<0.05	7	<0.5	<0.2
1297043	Soil	9	26	0.70	229	0.175	<1	1.70	0.019	0.10	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
REP 1297043	QC	9	29	0.68	225	0.163	<1	1.63	0.019	0.10	0.2	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1297058	Soil	18	58	1.99	308	0.134	<1	2.70	0.009	0.64	0.1	0.01	6.2	0.3	<0.05	10	<0.5	<0.2
REP 1297058	QC	18	60	2.06	309	0.137	1	2.80	0.010	0.65	0.1	0.01	6.4	0.3	<0.05	9	<0.5	<0.2
1297052	Soil	14	17	0.85	89	0.067	1	1.65	0.012	0.14	0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
REP 1297052	QC	14	17	0.85	91	0.068	<1	1.70	0.011	0.14	<0.1	<0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1297033	Soil	14	56	1.01	232	0.113	1	1.62	0.014	0.22	0.1	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
REP 1297033	QC	14	57	1.00	237	0.115	2	1.65	0.014	0.26	0.1	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1285619	Soil	69	44	0.88	289	0.061	1	1.75	0.016	0.15	<0.1	0.05	5.3	0.1	<0.05	6	<0.5	<0.2
REP 1285619	QC	71	46	0.86	297	0.063	2	1.76	0.016	0.15	0.1	0.04	5.3	0.1	<0.05	6	<0.5	<0.2
1285616	Soil	12	32	0.81	169	0.074	1	1.53	0.012	0.10	0.2	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
REP 1285616	QC	12	32	0.82	171	0.073	2	1.54	0.012	0.10	0.2	0.03	4.3	0.1	<0.05	5	<0.5	<0.2
1286239	Soil	21	43	0.73	158	0.098	2	1.70	0.014	0.11	0.2	0.03	4.6	0.2	<0.05	5	<0.5	<0.2
REP 1286239	QC	21	43	0.71	155	0.094	2	1.62	0.013	0.11	0.2	0.03	4.6	0.2	<0.05	5	<0.5	<0.2
1286240	Soil	18	40	0.69	164	0.083	2	1.69	0.015	0.09	0.2	0.03	4.6	0.2	<0.05	5	<0.5	<0.2
REP 1286240	QC	18	42	0.70	166	0.085	2	1.76	0.015	0.10	0.2	0.03	4.7	0.2	<0.05	5	<0.5	<0.2
1286232	Soil	33	49	0.74	146	0.085	2	1.83	0.013	0.08	0.2	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
REP 1286232	QC	33	48	0.77	148	0.083	2	1.86	0.014	0.08	0.2	0.02	4.3	0.2	<0.05	6	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Kaminak Gold Corporation**
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: **SUG**
Report Date: **August 21, 2012**

Page: **2 of 2**

Part: **1 of 2**

QUALITY CONTROL REPORT

WHI12000637.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS9	Standard	14.0	112.7	124.2	311	1.8	42.1	7.9	594	2.38	24.8	2.7	125.0	6.5	70	2.3	5.4	4.9	47	0.74	0.079
STD DS9	Standard	14.0	109.0	121.0	294	1.8	42.4	8.0	573	2.28	23.5	2.7	103.2	6.4	63	2.2	5.1	6.1	46	0.71	0.075
STD DS9	Standard	14.0	108.7	119.1	298	1.8	42.1	8.3	563	2.29	23.9	2.7	111.9	6.2	63	2.0	5.0	6.2	46	0.72	0.077
STD DS9	Standard	12.4	98.2	115.2	302	1.9	38.0	7.1	557	2.25	25.2	2.5	113.9	6.3	64	2.3	5.4	6.0	40	0.70	0.084
STD DS9	Standard	12.9	103.3	120.2	302	1.8	40.3	7.6	566	2.26	25.0	2.7	127.1	6.4	67	2.3	5.6	5.7	41	0.69	0.081
STD DS9	Standard	12.3	104.4	121.8	295	2.0	40.0	7.7	571	2.28	25.5	2.6	111.8	6.5	67	2.4	5.2	5.7	42	0.72	0.081
STD DS9	Standard	13.1	110.9	126.9	313	1.8	42.4	8.0	604	2.45	26.4	2.8	126.2	6.4	70	2.5	5.3	6.0	43	0.76	0.084
STD DS9	Standard	13.0	107.3	122.4	302	1.8	39.3	7.7	562	2.28	25.3	2.6	120.7	6.3	65	2.3	5.6	5.9	39	0.72	0.076
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	4	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1020 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: SUG
Report Date: August 21, 2012

Page: 2 of 2

Part: 2 of 2

QUALITY CONTROL REPORT

WHI12000637.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS9	Standard	14	129	0.64	294	0.118	3	0.94	0.084	0.35	3.0	0.20	2.4	5.8	0.14	5	5.5	5.3
STD DS9	Standard	13	127	0.61	281	0.113	3	0.92	0.089	0.36	2.9	0.20	2.5	5.2	0.16	5	5.4	5.1
STD DS9	Standard	13	124	0.62	286	0.115	3	0.92	0.083	0.35	3.0	0.21	2.4	5.4	0.15	5	5.5	5.0
STD DS9	Standard	12	116	0.59	290	0.106	2	0.92	0.087	0.34	2.9	0.19	2.6	5.4	0.10	4	5.5	4.8
STD DS9	Standard	12	121	0.61	291	0.108	2	0.91	0.089	0.35	3.0	0.21	2.4	5.5	0.15	4	6.5	4.7
STD DS9	Standard	13	122	0.59	311	0.114	2	0.87	0.081	0.36	2.9	0.21	2.6	5.5	0.17	5	5.4	5.2
STD DS9	Standard	14	127	0.65	308	0.116	3	1.00	0.099	0.42	2.9	0.25	3.0	5.6	0.16	5	5.6	5.7
STD DS9	Standard	12	119	0.61	300	0.108	2	0.87	0.080	0.37	2.9	0.21	2.3	5.4	0.15	5	5.6	5.3
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2