



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: KAMINAK GOLD CORPORATION  
1020 - 800 WEST PENDER STREET  
VANCOUVER BC V6C 2V6

Page: 1  
Finalized Date: 18-APR-2013  
Account: KAMGOL

**CERTIFICATE WH13048901**

Project: Coffee

P.O. No.: KGC-13-1070

This report is for 147 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 11-APR-2013.

The following have access to data associated with this certificate:

TOM BOKENFOHR

JAMES SCOTT

TIM SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: KAMINAK GOLD CORPORATION  
ATTN: TIM SMITH  
1020 - 800 WEST PENDER STREET  
VANCOUVER BC V6C 2V6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH13048901**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM132445		2.02	0.038	<0.2	1.32	204	<10	470	0.5	<2	7.7	<0.5	11	41	17	2.31
KAM132446		1.15	0.001	<0.2	1.33	11	<10	260	0.6	<2	4.07	<0.5	10	42	16	2.15
KAM132447		0.78	0.001	<0.2	0.72	14	<10	620	0.5	<2	2.02	<0.5	5	19	6	1.78
KAM132448		0.84	0.001	<0.2	1.40	3	<10	160	0.5	<2	1.98	<0.5	13	33	21	2.53
KAM132449		1.09	0.001	<0.2	0.98	4	<10	130	<0.5	<2	1.38	<0.5	7	13	14	1.54
KAM132450		0.05	6.16	17.9	1.19	340	<10	30	0.5	5	0.79	7.0	14	34	734	5.40
KAM132451		2.30	0.001	<0.2	1.75	2	<10	230	0.5	<2	2.57	<0.5	12	41	20	2.87
KAM132452		2.34	0.002	<0.2	1.52	9	<10	170	0.7	<2	2.20	<0.5	9	32	13	2.65
KAM132453		2.41	0.001	<0.2	1.31	5	<10	160	<0.5	<2	2.17	<0.5	10	25	14	2.25
KAM132454		2.56	0.001	<0.2	1.58	28	<10	340	0.5	<2	3.90	<0.5	11	33	16	2.45
KAM132455		2.20	0.011	<0.2	1.98	196	<10	770	1.0	<2	4.28	<0.5	14	81	11	2.83
KAM132456		2.43	0.037	<0.2	1.33	430	<10	310	0.8	<2	17.8	<0.5	10	13	15	2.33
KAM132457		2.48	0.004	<0.2	1.58	74	<10	410	0.7	<2	11.1	<0.5	11	24	14	2.38
KAM132458		2.35	0.005	<0.2	1.09	98	<10	1210	0.9	<2	10.2	<0.5	8	30	12	2.36
KAM132459		2.64	0.001	<0.2	2.13	44	<10	340	1.0	<2	4.58	<0.5	23	232	20	3.33
KAM132460		0.06	0.004	<0.2	1.80	6	<10	120	<0.5	<2	1.00	<0.5	9	38	48	3.18
KAM132461		2.34	0.001	<0.2	0.35	50	<10	180	<0.5	<2	4.98	<0.5	44	618	8	3.03
KAM132462		2.83	0.004	<0.2	1.64	60	<10	510	0.8	<2	5.80	<0.5	12	32	25	2.72
KAM132463		2.65	0.004	<0.2	1.87	109	<10	1190	1.0	<2	2.10	<0.5	12	33	15	3.07
KAM132464		2.45	0.192	<0.2	1.58	737	<10	350	1.1	<2	1.57	<0.5	16	26	21	3.21
KAM132465		2.80	0.003	<0.2	2.28	37	<10	1300	1.0	<2	3.84	<0.5	16	38	18	3.48
KAM132466		2.66	0.007	<0.2	2.01	87	<10	340	0.6	<2	3.65	<0.5	13	72	20	2.94
KAM132467		2.79	0.391	<0.2	1.33	2880	<10	1010	0.9	<2	3.61	<0.5	10	18	10	2.52
KAM132468		2.63	0.004	<0.2	1.70	205	<10	1490	1.0	<2	2.82	<0.5	10	23	14	2.61
KAM132469		2.58	0.018	<0.2	1.91	355	<10	250	0.8	<2	2.76	<0.5	11	33	13	3.00
KAM132470		0.05	9.79	1.4	1.16	17	<10	50	<0.5	<2	0.72	<0.5	11	30	58	3.19
KAM132471		2.71	0.008	<0.2	1.52	233	<10	400	0.8	<2	1.69	<0.5	10	18	9	2.56
KAM132472		2.04	0.080	0.4	1.07	501	<10	2060	0.8	<2	0.79	<0.5	6	13	7	1.53
KAM132473		2.70	0.004	<0.2	1.49	149	<10	1290	1.0	<2	5.97	<0.5	10	26	11	2.23
KAM132474		2.44	0.005	<0.2	1.69	163	<10	240	0.9	<2	2.08	<0.5	13	46	17	2.75
KAM132475		2.92	0.004	<0.2	1.20	92	<10	160	<0.5	<2	1.18	<0.5	8	14	10	1.94
KAM132476		3.09	0.004	<0.2	2.62	42	<10	640	0.5	<2	2.58	<0.5	21	265	16	3.14
KAM132477		2.94	0.004	<0.2	2.51	73	<10	480	0.9	<2	1.51	<0.5	18	113	27	3.45
KAM132478		2.58	0.517	<0.2	0.88	2130	<10	620	0.7	<2	1.24	<0.5	8	14	12	1.85
KAM132479		2.82	0.009	<0.2	1.33	164	<10	210	0.7	<2	0.97	<0.5	9	26	17	1.96
KAM132480		0.05	0.001	<0.2	1.74	6	<10	110	<0.5	<2	1.00	<0.5	8	37	47	3.02
KAM132481		3.04	0.016	<0.2	1.88	49	<10	410	<0.5	<2	6.16	<0.5	14	50	17	2.96
KAM132482		3.44	0.001	<0.2	2.20	17	<10	430	0.5	<2	3.90	<0.5	17	59	20	3.28
KAM132483		3.28	0.001	<0.2	1.35	11	<10	230	0.5	<2	2.77	<0.5	8	19	14	1.97
KAM132484		2.78	0.001	<0.2	1.72	11	<10	300	0.5	<2	6.22	<0.5	12	25	16	2.63



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**CERTIFICATE OF ANALYSIS WH13048901**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
KAM132445		<10	<1	0.56	20	0.84	456	1	0.02	32	430	8	0.09	<2	4	251
KAM132446		<10	<1	0.76	20	0.85	389	<1	0.02	32	450	4	0.07	<2	4	113
KAM132447		<10	<1	0.49	50	0.32	372	1	0.02	8	390	8	0.02	<2	3	116
KAM132448		<10	<1	1.05	30	0.91	443	<1	0.02	29	610	8	0.01	<2	3	57
KAM132449		<10	<1	0.68	10	0.53	300	1	0.03	10	780	4	0.02	<2	1	66
KAM132450		<10	<1	0.17	<10	0.56	492	13	0.06	29	550	613	3.15	6	4	34
KAM132451		10	<1	1.22	20	1.02	572	1	0.02	32	540	15	0.01	<2	4	78
KAM132452		<10	<1	1.03	50	0.74	464	<1	0.02	18	600	11	0.01	<2	6	47
KAM132453		<10	<1	0.89	30	0.72	469	1	0.02	24	520	7	0.01	<2	3	56
KAM132454		<10	<1	1.05	40	0.83	462	1	0.02	27	560	10	0.05	<2	4	108
KAM132455		10	<1	1.23	40	1.32	423	<1	0.02	85	700	11	0.02	<2	6	100
KAM132456		<10	<1	0.75	30	0.70	466	<1	0.01	15	530	10	0.01	4	5	391
KAM132457		<10	<1	0.86	30	0.78	390	<1	0.01	20	600	8	0.01	2	6	293
KAM132458		10	<1	0.64	60	0.65	714	<1	0.01	20	840	19	0.03	<2	5	2120
KAM132459		10	<1	1.45	20	2.58	609	1	0.02	240	610	8	0.01	<2	6	133
KAM132460		10	<1	0.16	<10	0.82	481	8	0.12	32	600	3	0.04	<2	5	55
KAM132461		<10	<1	0.11	<10	7.73	610	<1	<0.01	643	40	2	0.01	<2	3	133
KAM132462		<10	<1	1.03	30	0.98	490	1	0.02	59	700	11	0.01	<2	5	172
KAM132463		10	<1	1.25	50	0.99	531	1	0.02	25	810	13	0.03	2	6	76
KAM132464		<10	1	0.78	30	0.64	493	<1	0.01	28	870	13	0.01	12	7	43
KAM132465		10	<1	1.63	20	1.41	575	1	0.02	30	820	7	0.03	<2	6	134
KAM132466		10	<1	1.35	20	1.27	460	<1	0.03	44	600	6	0.01	3	5	87
KAM132467		<10	3	0.71	40	0.59	472	1	0.01	20	670	12	0.19	26	4	99
KAM132468		<10	<1	1.00	50	0.78	485	<1	<0.01	20	700	10	0.05	6	5	83
KAM132469		10	<1	1.27	40	1.19	582	1	0.03	23	680	6	0.01	13	5	63
KAM132470		<10	3	0.21	10	0.59	367	819	0.08	27	420	9	1.38	28	4	54
KAM132471		<10	<1	0.98	50	0.73	450	1	0.03	16	870	8	0.02	6	3	52
KAM132472		<10	1	0.49	50	0.23	6280	1	<0.01	26	470	15	0.02	46	2	58
KAM132473		<10	<1	0.68	40	0.71	534	1	0.01	21	610	15	0.07	4	4	157
KAM132474		10	<1	1.03	40	0.86	533	<1	0.02	30	640	14	0.01	5	5	42
KAM132475		<10	<1	0.73	40	0.60	332	<1	0.04	10	680	7	<0.01	2	2	40
KAM132476		10	<1	1.86	20	2.60	526	<1	0.05	89	650	7	0.02	<2	5	57
KAM132477		10	<1	1.65	40	1.77	459	<1	0.03	54	610	7	0.01	<2	8	43
KAM132478		<10	2	0.46	20	0.19	366	<1	<0.01	17	340	12	0.06	14	2	45
KAM132479		<10	<1	0.77	40	0.50	385	<1	0.01	22	400	10	0.01	2	3	40
KAM132480		<10	<1	0.16	<10	0.77	473	7	0.12	29	570	2	0.04	<2	5	52
KAM132481		10	<1	1.35	20	1.30	493	1	0.02	39	500	8	0.13	<2	5	126
KAM132482		10	<1	1.51	20	1.43	521	1	0.03	45	570	9	0.12	<2	6	91
KAM132483		<10	<1	0.91	40	0.69	414	1	0.03	14	590	12	0.09	<2	3	79
KAM132484		10	<1	1.16	20	1.10	533	1	0.02	19	810	6	0.21	<2	4	173



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**CERTIFICATE OF ANALYSIS WH13048901**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
KAM132445		<20	0.09	<10	<10	32	<10	47
KAM132446		<20	0.13	<10	<10	31	<10	39
KAM132447		20	0.05	<10	10	20	<10	30
KAM132448		<20	0.13	<10	<10	27	<10	46
KAM132449		<20	0.10	<10	<10	15	<10	42
KAM132450		<20	0.06	<10	<10	44	<10	1380
KAM132451		<20	0.14	<10	<10	34	<10	81
KAM132452		20	0.11	<10	<10	31	<10	52
KAM132453		<20	0.11	<10	<10	20	<10	57
KAM132454		20	0.12	<10	<10	27	<10	47
KAM132455		20	0.12	<10	<10	38	<10	51
KAM132456		<20	0.07	<10	<10	32	<10	45
KAM132457		<20	0.08	<10	<10	34	<10	48
KAM132458		20	0.07	<10	<10	74	<10	50
KAM132459		<20	0.15	<10	<10	53	<10	58
KAM132460		<20	0.15	<10	<10	69	<10	49
KAM132461		<20	0.01	<10	<10	14	<10	17
KAM132462		<20	0.12	<10	<10	37	<10	63
KAM132463		20	0.14	<10	<10	39	<10	65
KAM132464		<20	0.07	<10	<10	49	<10	76
KAM132465		<20	0.19	<10	<10	65	<10	69
KAM132466		<20	0.15	<10	<10	41	<10	48
KAM132467		20	0.05	<10	10	21	<10	48
KAM132468		20	0.10	<10	<10	26	<10	52
KAM132469		20	0.13	<10	<10	32	<10	53
KAM132470		<20	0.09	<10	<10	57	20	57
KAM132471		20	0.11	<10	10	23	<10	49
KAM132472		30	0.02	10	10	13	20	33
KAM132473		20	0.06	<10	10	32	<10	40
KAM132474		20	0.10	<10	<10	31	<10	49
KAM132475		20	0.09	<10	<10	22	<10	33
KAM132476		<20	0.24	<10	<10	63	<10	63
KAM132477		<20	0.18	<10	<10	60	<10	59
KAM132478		<20	0.02	<10	10	12	<10	40
KAM132479		20	0.07	<10	<10	21	<10	40
KAM132480		<20	0.15	<10	<10	68	<10	44
KAM132481		<20	0.16	<10	<10	43	<10	52
KAM132482		<20	0.18	<10	<10	49	<10	57
KAM132483		20	0.09	<10	10	23	<10	49
KAM132484		<20	0.14	<10	<10	36	<10	46



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM132485		3.33	0.001	<0.2	1.72	16	<10	250	0.8	<2	6.91	<0.5	11	45	14	2.53
KAM132486		2.57	0.007	<0.2	1.92	17	<10	170	0.9	<2	2.19	<0.5	21	60	40	3.62
KAM132487		2.78	0.001	<0.2	1.23	12	<10	410	0.5	<2	1.85	<0.5	7	50	5	1.74
KAM132488		3.05	0.002	<0.2	1.49	7	<10	410	0.6	<2	1.39	<0.5	10	33	13	2.36
KAM132489		3.05	0.001	<0.2	2.15	14	<10	360	0.6	<2	1.27	<0.5	19	59	33	4.02
KAM132490		0.05	1.810	0.3	1.76	10	<10	110	<0.5	<2	0.99	<0.5	11	33	35	2.85
KAM132491		3.09	0.002	<0.2	1.93	24	<10	410	0.8	<2	2.86	<0.5	12	34	12	3.11
KAM132492		2.54	0.005	<0.2	2.24	205	<10	770	1.5	<2	5.10	<0.5	12	48	19	3.63
KAM132493		2.57	0.020	<0.2	1.38	122	<10	240	0.9	<2	8.0	<0.5	12	25	16	2.62
KAM132494		2.82	0.002	<0.2	2.35	39	<10	640	1.0	<2	3.80	<0.5	20	87	16	3.76
KAM132495		2.65	0.010	0.5	1.22	33	<10	180	1.2	6	6.07	<0.5	12	25	20	2.80
KAM132496		2.81	0.002	<0.2	1.53	44	<10	310	1.5	<2	9.2	<0.5	16	101	18	3.22
KAM132497		2.47	0.002	<0.2	1.94	23	<10	310	1.1	<2	4.29	<0.5	17	49	28	3.89
KAM132498		3.09	0.001	<0.2	1.85	19	<10	380	0.7	<2	3.05	<0.5	14	46	21	3.24
KAM132499		2.88	0.001	<0.2	1.52	13	<10	220	0.5	<2	3.99	<0.5	12	45	13	2.54
KAM132500		0.05	0.004	<0.2	1.75	6	<10	110	<0.5	<2	1.02	<0.5	8	38	48	3.03
KAM132501		3.12	0.001	<0.2	1.27	55	<10	180	0.5	<2	6.17	<0.5	12	51	13	2.37
KAM132502		3.24	0.003	<0.2	1.45	40	<10	200	0.9	<2	2.90	<0.5	12	50	22	2.91
KAM132503		3.26	<0.001	<0.2	1.63	16	<10	290	1.1	<2	3.03	<0.5	13	103	12	2.94
KAM132504		3.38	<0.001	<0.2	0.88	20	<10	80	0.9	<2	2.54	<0.5	7	13	14	1.61
KAM132505		3.41	0.001	<0.2	0.93	65	<10	120	0.9	<2	2.89	<0.5	5	15	8	1.61
KAM132506		3.14	1.195	<0.2	0.93	3030	10	140	1.1	<2	2.39	<0.5	13	36	19	3.12
KAM132507		3.08	3.61	0.2	0.58	4100	<10	180	0.8	<2	1.78	<0.5	10	19	15	2.95
KAM132508		3.68	0.026	<0.2	1.53	103	<10	140	1.1	<2	2.11	<0.5	13	39	21	3.08
KAM132509		3.07	0.012	<0.2	1.10	92	<10	70	1.1	<2	2.66	<0.5	14	33	25	3.34
KAM132510		0.05	1.210	1.6	1.54	12	<10	1210	<0.5	<2	1.02	1.0	8	34	71	3.20
KAM132511		2.92	0.013	<0.2	0.86	321	<10	100	0.6	<2	0.94	<0.5	6	12	12	1.71
KAM132512		2.59	0.004	<0.2	0.63	110	<10	200	0.5	<2	2.43	<0.5	3	8	8	1.22
KAM132513		2.68	0.003	<0.2	0.77	323	<10	50	0.6	<2	3.39	<0.5	4	14	9	1.61
KAM132514		2.87	0.007	<0.2	0.71	119	10	120	0.7	<2	2.85	<0.5	8	15	16	2.05
KAM132515		2.51	0.170	<0.2	0.78	1840	<10	140	0.6	<2	2.85	<0.5	6	11	14	1.97
KAM132516		3.32	1.370	<0.2	0.52	3980	<10	80	0.9	<2	2.94	<0.5	6	10	10	2.37
KAM132517		3.43	0.015	<0.2	1.00	195	<10	50	0.9	<2	2.42	<0.5	7	20	13	2.02
KAM132518		3.00	0.010	<0.2	0.75	58	<10	70	0.7	<2	1.87	<0.5	5	13	10	1.51
KAM132519		2.99	0.004	<0.2	0.78	33	<10	270	0.6	<2	2.32	<0.5	6	15	6	1.97
KAM132520		0.05	0.002	<0.2	1.78	5	<10	110	<0.5	<2	1.00	<0.5	8	37	45	3.17
KAM132521		3.19	0.005	<0.2	0.81	58	<10	130	0.9	<2	2.38	<0.5	4	9	4	1.52
KAM132522		2.92	0.004	<0.2	0.84	36	<10	80	0.8	<2	1.67	<0.5	4	11	3	1.49
KAM132523		3.12	0.002	<0.2	0.77	11	<10	100	0.7	<2	1.63	<0.5	4	10	5	1.38
KAM132524		2.69	0.002	<0.2	0.77	31	<10	200	0.7	<2	1.62	<0.5	3	12	3	1.34



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
KAM132485		<10	<1	0.96	30	1.01	424	1	0.02	35	470	8	0.15	<2	5
KAM132486		10	<1	1.21	30	1.27	483	1	0.03	34	560	8	0.98	<2	6
KAM132487		<10	<1	0.64	20	0.86	299	1	0.05	21	380	5	0.11	<2	4
KAM132488		<10	<1	0.91	30	0.90	319	1	0.04	21	460	5	0.27	<2	5
KAM132489		10	<1	1.58	50	1.28	589	1	0.04	46	640	5	0.57	<2	8
KAM132490		10	<1	0.16	<10	0.83	466	3	0.10	26	610	6	0.04	2	6
KAM132491		10	<1	1.43	50	1.37	588	1	0.03	19	900	9	0.25	<2	7
KAM132492		10	<1	1.02	40	1.34	570	1	0.05	25	1330	9	0.17	6	10
KAM132493		<10	<1	0.89	40	0.74	532	<1	0.02	18	780	11	0.04	<2	4
KAM132494		10	<1	1.44	20	1.85	735	<1	0.03	26	640	8	0.20	<2	13
KAM132495		<10	<1	0.55	20	0.87	530	2	0.01	20	510	30	0.18	<2	5
KAM132496		<10	<1	0.62	20	2.67	611	<1	0.02	70	390	15	0.08	<2	12
KAM132497		10	<1	1.17	40	1.27	635	1	0.03	40	490	9	0.19	<2	10
KAM132498		10	<1	1.36	40	1.21	586	1	0.04	27	760	21	0.28	<2	7
KAM132499		10	<1	0.97	30	1.06	499	1	0.04	34	700	6	0.32	<2	5
KAM132500		10	<1	0.17	<10	0.77	483	7	0.12	30	570	3	0.04	<2	5
KAM132501		<10	<1	0.73	20	1.12	598	1	0.04	42	990	4	0.25	<2	4
KAM132502		<10	<1	0.76	30	0.89	483	1	0.02	39	400	11	0.28	<2	7
KAM132503		10	<1	1.27	40	1.76	545	3	0.05	105	650	27	0.37	<2	5
KAM132504		<10	<1	0.52	40	0.59	331	2	0.03	16	320	14	0.34	<2	2
KAM132505		<10	<1	0.53	30	0.46	394	1	0.03	10	360	25	0.25	<2	2
KAM132506		<10	2	0.43	30	0.57	447	1	0.02	39	440	19	0.23	15	5
KAM132507		<10	2	0.31	30	0.48	412	1	0.02	34	350	18	0.53	35	4
KAM132508		10	1	0.79	30	0.94	465	1	0.04	39	410	11	0.26	<2	6
KAM132509		<10	<1	0.39	30	0.48	480	<1	0.02	41	360	19	0.15	<2	7
KAM132510		<10	<1	0.13	<10	0.77	476	7	0.11	35	590	89	0.10	2	5
KAM132511		<10	1	0.22	30	0.07	355	<1	0.02	13	240	17	0.01	3	2
KAM132512		<10	1	0.20	30	0.20	267	1	0.02	6	140	19	0.03	<2	1
KAM132513		<10	2	0.21	20	0.35	300	1	0.02	13	190	19	0.05	2	2
KAM132514		<10	<1	0.27	30	0.31	344	<1	0.02	21	330	24	0.08	<2	2
KAM132515		<10	2	0.34	20	0.09	371	<1	0.02	20	300	18	0.02	5	2
KAM132516		<10	3	0.26	20	0.33	440	<1	0.02	19	300	25	0.53	13	3
KAM132517		<10	<1	0.40	30	0.58	354	1	0.03	15	360	14	0.15	<2	3
KAM132518		<10	<1	0.44	40	0.39	287	1	0.04	8	320	14	0.16	<2	2
KAM132519		<10	<1	0.54	40	0.47	337	1	0.04	9	450	12	0.62	<2	2
KAM132520		10	<1	0.16	<10	0.80	474	7	0.13	32	590	2	0.05	<2	5
KAM132521		<10	<1	0.51	30	0.51	316	1	0.04	7	360	13	0.13	<2	1
KAM132522		<10	<1	0.54	40	0.48	266	1	0.04	7	350	12	0.07	<2	1
KAM132523		<10	<1	0.50	40	0.37	250	1	0.04	5	300	12	0.09	<2	1
KAM132524		<10	<1	0.44	40	0.27	293	1	0.05	5	280	13	0.07	<2	1



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**CERTIFICATE OF ANALYSIS WH13048901**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
KAM132485		<20	0.10	<10	<10	34	<10	40
KAM132486		<20	0.12	<10	<10	45	<10	59
KAM132487		<20	0.05	<10	<10	29	<10	21
KAM132488		<20	0.09	<10	<10	32	<10	37
KAM132489		20	0.19	<10	10	61	<10	59
KAM132490		<20	0.17	<10	<10	74	20	55
KAM132491		20	0.15	<10	10	50	<10	51
KAM132492		<20	0.11	<10	10	63	<10	69
KAM132493		20	0.07	<10	<10	30	60	52
KAM132494		<20	0.14	<10	<10	83	<10	64
KAM132495		<20	0.03	<10	<10	36	<10	61
KAM132496		<20	0.05	<10	<10	71	<10	51
KAM132497		20	0.12	<10	10	58	<10	65
KAM132498		20	0.14	<10	10	47	<10	61
KAM132499		<20	0.16	<10	10	37	<10	37
KAM132500		<20	0.16	<10	<10	70	<10	46
KAM132501		<20	0.20	<10	<10	40	<10	38
KAM132502		<20	0.06	<10	<10	40	<10	46
KAM132503		20	0.11	<10	<10	32	<10	62
KAM132504		20	0.03	<10	<10	9	<10	34
KAM132505		20	0.02	<10	<10	9	<10	46
KAM132506		20	0.01	<10	<10	21	<10	64
KAM132507		<20	<0.01	10	<10	14	<10	50
KAM132508		20	0.06	<10	<10	30	<10	46
KAM132509		<20	0.02	<10	<10	33	<10	58
KAM132510		<20	0.14	<10	<10	62	<10	197
KAM132511		20	<0.01	<10	<10	10	<10	38
KAM132512		20	<0.01	<10	<10	4	<10	32
KAM132513		20	<0.01	<10	<10	10	<10	47
KAM132514		20	<0.01	<10	<10	14	<10	52
KAM132515		<20	<0.01	<10	<10	7	<10	57
KAM132516		<20	<0.01	<10	<10	10	<10	52
KAM132517		20	0.02	<10	<10	18	<10	64
KAM132518		20	0.02	<10	<10	10	<10	34
KAM132519		20	0.04	<10	<10	15	<10	40
KAM132520		<20	0.15	<10	<10	66	<10	52
KAM132521		20	0.03	<10	<10	6	<10	39
KAM132522		20	0.03	<10	<10	7	<10	47
KAM132523		20	0.03	<10	10	6	<10	40
KAM132524		20	0.03	<10	<10	9	<10	41



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM132525		3.04	0.002	<0.2	0.85	9	<10	210	0.8	<2	2.24	<0.5	4	18	4	1.28
KAM132526		3.40	<0.001	<0.2	2.67	4	<10	130	0.5	<2	4.46	<0.5	20	241	3	2.41
KAM132527		3.01	<0.001	<0.2	2.38	2	<10	90	0.8	<2	4.21	<0.5	17	175	6	1.97
KAM132528		3.44	0.001	<0.2	3.24	4	<10	130	<0.5	<2	2.25	<0.5	24	225	10	1.60
KAM132529		3.50	0.001	<0.2	2.82	<2	<10	90	<0.5	<2	1.79	<0.5	20	76	10	1.26
KAM132530		0.05	0.831	0.8	0.66	207	<10	80	1.0	11	17.2	1.6	3	24	79	2.40
KAM132531		3.00	0.001	<0.2	1.67	3	<10	70	<0.5	4	1.79	<0.5	16	116	22	1.25
KAM132532		3.06	0.001	<0.2	3.24	<2	<10	130	<0.5	<2	3.43	<0.5	29	272	10	2.65
KAM132533		3.03	0.001	<0.2	3.18	4	<10	140	<0.5	<2	1.94	<0.5	24	208	11	2.14
KAM132534		2.93	0.002	<0.2	2.24	2	<10	200	<0.5	<2	1.46	<0.5	21	72	38	2.98
KAM132535		3.06	0.001	<0.2	1.77	3	<10	60	<0.5	<2	2.16	<0.5	23	133	35	1.68
KAM132536		2.89	0.001	<0.2	1.38	5	<10	90	<0.5	<2	2.74	<0.5	15	123	17	1.44
KAM132537		3.37	0.001	<0.2	2.05	2	<10	90	<0.5	<2	1.69	<0.5	17	143	41	1.31
KAM132538		3.18	<0.001	<0.2	1.77	<2	<10	40	<0.5	<2	1.66	<0.5	14	111	21	1.05
KAM132539		2.94	0.002	<0.2	1.84	<2	<10	60	<0.5	<2	1.28	<0.5	14	87	35	1.45
KAM132540		0.05	0.003	<0.2	1.72	5	<10	110	<0.5	<2	0.93	<0.5	8	36	47	3.04
KAM132541		3.02	<0.001	<0.2	2.17	3	<10	90	<0.5	<2	2.22	<0.5	22	156	50	1.84
KAM132542		2.89	<0.001	<0.2	1.79	2	<10	50	<0.5	<2	2.02	<0.5	17	142	36	1.30
KAM132543		3.05	<0.001	<0.2	2.71	3	<10	70	<0.5	<2	2.49	<0.5	20	148	30	1.85
KAM132544		2.76	0.001	<0.2	1.63	3	<10	80	<0.5	<2	2.29	<0.5	17	71	113	1.90
KAM132545		2.87	0.001	<0.2	1.86	<2	<10	120	<0.5	<2	3.05	<0.5	16	52	204	2.29
KAM132546		2.46	0.002	<0.2	1.89	20	<10	120	<0.5	<2	3.04	<0.5	28	92	80	2.21
KAM132547		2.45	0.003	<0.2	1.81	7	<10	120	<0.5	<2	3.08	<0.5	16	88	37	2.11
KAM132548		2.83	<0.001	<0.2	2.01	2	<10	80	<0.5	<2	1.90	<0.5	16	172	21	1.68
KAM132549		2.64	0.001	<0.2	2.34	4	<10	90	<0.5	<2	3.86	<0.5	19	196	19	1.99
KAM132550		0.05	9.97	1.3	1.20	20	<10	50	<0.5	<2	0.70	<0.5	11	30	59	3.29
KAM132551		2.68	0.003	<0.2	1.86	<2	<10	90	<0.5	<2	1.54	<0.5	17	257	25	1.45
KAM132552		2.47	0.001	<0.2	1.75	3	<10	110	<0.5	<2	2.06	<0.5	15	131	47	1.43
KAM132553		2.75	0.001	<0.2	1.87	<2	<10	80	<0.5	<2	1.68	<0.5	13	54	21	1.18
KAM132554		2.73	0.001	<0.2	1.30	5	<10	50	<0.5	<2	1.72	<0.5	11	73	51	1.44
KAM132555		2.59	0.001	<0.2	1.87	4	<10	90	<0.5	<2	1.61	<0.5	19	98	108	1.49
KAM132556		2.95	<0.001	<0.2	2.54	5	<10	150	<0.5	<2	1.03	<0.5	23	177	33	2.74
KAM132557		2.80	0.002	<0.2	1.92	2	<10	60	<0.5	<2	1.22	<0.5	37	142	147	2.00
KAM132558		2.44	0.001	<0.2	1.62	12	<10	140	<0.5	<2	1.54	<0.5	16	72	74	2.16
KAM132559		2.73	<0.001	<0.2	0.97	6	<10	20	<0.5	<2	1.20	<0.5	10	42	56	1.23
KAM132560		0.05	0.002	<0.2	1.68	5	<10	110	<0.5	<2	0.92	<0.5	8	35	47	2.95
KAM132561		2.92	<0.001	<0.2	2.31	<2	<10	160	<0.5	<2	2.11	<0.5	19	200	31	2.07
KAM132562		2.62	0.001	<0.2	2.88	4	<10	300	<0.5	<2	3.40	<0.5	34	317	58	2.88
KAM132563		2.80	<0.001	<0.2	2.02	4	<10	130	<0.5	<2	2.01	<0.5	16	133	25	1.93
KAM132564		2.67	0.002	<0.2	1.57	<2	<10	60	<0.5	<2	2.50	<0.5	13	144	26	1.30





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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
KAM132525		<10	<1	0.55	40	0.42	275	1	0.04	10	370	12	0.10	<2	2
KAM132526		10	<1	2.01	<10	3.59	446	1	0.06	91	170	<2	0.34	<2	8
KAM132527		<10	1	1.66	<10	2.46	399	1	0.03	64	410	3	0.36	<2	4
KAM132528		<10	<1	2.18	<10	3.61	302	1	0.04	164	40	3	0.08	<2	2
KAM132529		<10	<1	1.54	<10	2.66	224	2	0.05	99	40	2	0.18	<2	2
KAM132530		<10	3	0.19	10	3.49	1735	66	0.02	81	1080	21	0.71	6	4
KAM132531		<10	<1	0.99	<10	1.82	211	2	0.06	65	100	4	0.20	<2	3
KAM132532		10	<1	2.21	<10	4.22	484	1	0.05	141	60	2	0.33	<2	5
KAM132533		<10	<1	2.25	<10	3.70	320	1	0.06	149	190	<2	0.18	<2	4
KAM132534		10	<1	1.48	10	2.01	267	1	0.09	31	630	2	0.38	<2	4
KAM132535		<10	<1	0.88	<10	1.86	254	2	0.06	52	210	7	0.27	<2	4
KAM132536		<10	<1	0.65	<10	1.52	264	3	0.07	55	200	3	0.17	<2	4
KAM132537		<10	<1	0.97	<10	1.88	197	2	0.08	44	20	<2	0.14	<2	4
KAM132538		<10	<1	0.51	<10	1.40	147	2	0.07	42	20	2	0.11	<2	4
KAM132539		<10	<1	0.81	<10	1.56	194	2	0.07	36	130	3	0.13	<2	3
KAM132540		<10	<1	0.16	<10	0.78	456	8	0.12	30	580	2	0.04	<2	5
KAM132541		<10	<1	1.06	<10	2.19	305	2	0.08	59	50	2	0.30	<2	5
KAM132542		<10	<1	0.55	<10	1.77	193	1	0.05	46	80	3	0.14	<2	4
KAM132543		<10	<1	1.34	<10	2.61	289	1	0.05	60	40	3	0.05	<2	5
KAM132544		<10	<1	0.87	10	1.61	292	2	0.06	32	160	2	0.19	<2	5
KAM132545		<10	<1	1.20	10	1.68	376	1	0.06	20	300	6	0.23	<2	7
KAM132546		<10	<1	0.89	10	1.71	376	2	0.06	37	260	3	0.07	<2	7
KAM132547		<10	<1	0.85	10	1.56	386	1	0.05	31	210	3	0.13	<2	7
KAM132548		<10	<1	1.02	<10	1.79	265	1	0.05	59	140	2	0.13	<2	4
KAM132549		<10	<1	0.96	<10	2.43	407	1	0.04	83	50	3	0.11	<2	7
KAM132550		<10	3	0.21	10	0.62	368	861	0.08	28	440	10	1.43	28	4
KAM132551		<10	<1	0.79	<10	1.74	235	2	0.05	92	30	2	0.07	<2	4
KAM132552		<10	<1	0.61	<10	1.42	245	1	0.07	63	40	2	0.09	<2	3
KAM132553		<10	<1	0.47	<10	1.30	184	1	0.07	49	20	2	0.07	<2	3
KAM132554		<10	<1	0.37	<10	0.97	234	1	0.10	31	110	<2	0.16	<2	5
KAM132555		<10	<1	0.69	<10	1.43	205	3	0.09	53	90	2	0.07	<2	3
KAM132556		<10	<1	1.49	<10	2.21	383	2	0.10	71	130	<2	0.11	<2	5
KAM132557		<10	<1	0.73	<10	1.56	175	2	0.08	101	60	<2	0.50	<2	4
KAM132558		<10	<1	0.41	<10	1.28	303	1	0.12	42	280	<2	0.14	<2	7
KAM132559		<10	<1	0.20	<10	0.72	173	8	0.11	27	320	<2	0.19	<2	4
KAM132560		<10	<1	0.15	<10	0.75	445	7	0.11	30	560	3	0.04	<2	5
KAM132561		<10	<1	1.49	<10	2.21	332	1	0.06	85	100	3	0.13	<2	4
KAM132562		<10	<1	1.94	<10	3.10	511	1	0.05	125	110	3	0.35	<2	6
KAM132563		<10	<1	1.05	<10	1.82	352	1	0.10	52	170	3	0.13	<2	5
KAM132564		<10	<1	0.63	<10	1.46	270	2	0.07	44	100	3	0.08	<2	4



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**CERTIFICATE OF ANALYSIS WH13048901**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
KAM132525		20	0.04	<10	<10	17	<10	33
KAM132526		<20	0.12	<10	<10	69	<10	24
KAM132527		<20	0.17	<10	<10	62	<10	30
KAM132528		<20	0.07	<10	<10	20	<10	37
KAM132529		<20	0.05	<10	<10	14	<10	20
KAM132530		<20	0.01	<10	10	163	10	434
KAM132531		<20	0.09	<10	<10	25	<10	14
KAM132532		<20	0.15	<10	<10	73	<10	38
KAM132533		<20	0.17	<10	<10	67	<10	24
KAM132534		<20	0.23	<10	<10	66	<10	26
KAM132535		<20	0.10	<10	<10	39	<10	21
KAM132536		<20	0.11	<10	<10	40	<10	21
KAM132537		<20	0.06	<10	<10	26	<10	14
KAM132538		<20	0.05	<10	<10	22	<10	15
KAM132539		<20	0.08	<10	<10	33	<10	18
KAM132540		<20	0.14	<10	<10	65	<10	44
KAM132541		<20	0.09	<10	<10	40	<10	19
KAM132542		<20	0.07	<10	<10	33	<10	20
KAM132543		<20	0.06	<10	<10	38	<10	29
KAM132544		<20	0.07	<10	10	48	<10	24
KAM132545		<20	0.10	<10	<10	80	<10	27
KAM132546		<20	0.07	<10	<10	56	<10	23
KAM132547		<20	0.08	<10	<10	53	<10	48
KAM132548		<20	0.08	<10	<10	35	<10	21
KAM132549		<20	0.07	<10	<10	56	<10	24
KAM132550		<20	0.09	<10	<10	57	30	60
KAM132551		<20	0.07	<10	<10	30	<10	19
KAM132552		<20	0.06	<10	<10	29	<10	37
KAM132553		<20	0.04	<10	<10	18	<10	11
KAM132554		<20	0.05	<10	<10	24	<10	14
KAM132555		<20	0.06	<10	<10	24	<10	21
KAM132556		<20	0.10	<10	<10	42	<10	46
KAM132557		<20	0.07	<10	<10	30	<10	18
KAM132558		<20	0.11	<10	<10	58	<10	21
KAM132559		<20	0.13	<10	<10	35	<10	12
KAM132560		<20	0.14	<10	<10	64	<10	63
KAM132561		<20	0.09	<10	<10	41	<10	28
KAM132562		<20	0.11	<10	<10	64	<10	40
KAM132563		<20	0.09	<10	<10	39	<10	34
KAM132564		<20	0.07	<10	<10	33	<10	13



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**CERTIFICATE OF ANALYSIS WH13048901**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM132565		3.10	0.001	<0.2	1.77	<2	<10	80	<0.5	<2	1.63	<0.5	35	158	12	1.39
KAM132566		3.23	<0.001	<0.2	2.41	3	<10	150	<0.5	<2	2.35	<0.5	20	152	12	1.99
KAM132567		2.60	<0.001	<0.2	3.12	2	<10	150	<0.5	<2	3.19	<0.5	21	165	41	1.80
KAM132568		3.15	0.001	<0.2	2.93	2	<10	160	<0.5	<2	2.52	<0.5	16	180	17	1.93
KAM132569		2.78	0.001	<0.2	2.72	5	<10	350	0.5	<2	3.07	<0.5	20	186	25	2.45
KAM132570		0.05	6.04	19.2	1.32	354	<10	20	0.5	4	0.83	7.5	14	36	779	5.85
KAM132571		3.16	0.003	<0.2	2.08	5	<10	40	<0.5	<2	1.79	<0.5	29	112	254	1.72
KAM132572		3.16	0.001	<0.2	2.62	3	<10	60	<0.5	<2	3.51	<0.5	16	231	14	1.64
KAM132573		2.32	0.003	<0.2	2.77	3	<10	70	0.5	<2	3.92	<0.5	16	273	9	1.85
KAM132574		2.91	0.001	<0.2	2.65	10	<10	120	0.5	<2	4.89	<0.5	17	171	6	2.32
KAM132575		3.05	0.001	<0.2	2.66	<2	<10	130	<0.5	<2	2.52	<0.5	20	186	20	1.89
KAM132576		3.02	0.001	<0.2	2.32	<2	<10	100	<0.5	<2	1.93	<0.5	15	162	5	1.62
KAM132577		2.84	<0.001	<0.2	2.68	7	<10	160	<0.5	<2	2.63	<0.5	16	156	18	2.49
KAM132578		2.68	0.001	<0.2	2.83	27	<10	210	<0.5	<2	2.59	<0.5	22	56	24	3.80
KAM132579		2.20	0.001	<0.2	2.69	14	<10	240	<0.5	<2	2.68	<0.5	20	38	32	3.91
KAM132580		0.05	0.010	<0.2	1.86	4	<10	120	<0.5	<2	1.09	<0.5	9	39	48	3.34
KAM132581		2.59	0.001	<0.2	2.09	4	<10	160	<0.5	<2	2.16	<0.5	18	146	18	2.08
KAM132582		2.39	0.001	<0.2	1.93	22	<10	70	<0.5	<2	2.38	<0.5	17	144	14	2.02
KAM132583		3.29	0.270	<0.2	1.68	583	<10	150	<0.5	<2	4.23	<0.5	16	106	12	2.40
KAM132584		2.87	0.054	<0.2	1.14	342	<10	80	0.8	<2	3.45	<0.5	12	73	15	1.89
KAM132585		3.28	0.002	<0.2	1.37	19	<10	110	0.5	<2	3.09	<0.5	15	121	38	1.68
KAM132586		2.66	0.002	<0.2	2.11	29	<10	180	0.5	<2	3.19	<0.5	18	187	51	2.14
KAM132587		3.11	0.001	<0.2	2.19	6	<10	330	<0.5	<2	3.46	<0.5	19	193	15	2.20
KAM132588		1.41	0.001	<0.2	1.47	176	<10	40	1.2	<2	5.87	<0.5	19	87	15	2.94
KAM132589		2.01	0.001	<0.2	2.21	4	<10	310	<0.5	<2	3.30	<0.5	18	189	15	2.17
KAM132590		0.05	0.786	0.8	0.69	203	<10	80	1.0	11	17.2	1.6	3	24	80	2.40
KAM132591		2.42	0.011	0.5	1.47	31	<10	210	1.3	5	5.83	<0.5	13	28	21	3.18



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**CERTIFICATE OF ANALYSIS WH13048901**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
KAM132565		<10	<1	0.77	<10	1.60	234	2	0.11	57	50	<2	0.07	<2	4	58
KAM132566		<10	<1	1.59	<10	2.40	376	1	0.08	73	130	<2	0.24	<2	4	64
KAM132567		<10	<1	1.18	<10	2.59	428	1	0.12	100	100	2	0.11	<2	4	152
KAM132568		<10	<1	1.45	<10	2.44	407	1	0.09	63	150	2	0.10	<2	4	107
KAM132569		10	<1	1.79	10	2.76	460	1	0.06	55	410	3	0.21	<2	3	100
KAM132570		<10	<1	0.18	<10	0.62	511	14	0.07	31	590	660	3.43	6	4	38
KAM132571		<10	<1	0.35	<10	1.71	253	1	0.06	92	470	<2	0.57	<2	3	70
KAM132572		<10	<1	0.64	<10	2.44	323	1	0.08	96	60	2	0.08	<2	7	201
KAM132573		<10	<1	0.73	<10	2.47	393	<1	0.12	86	110	2	0.06	<2	9	214
KAM132574		<10	<1	1.29	<10	2.87	511	1	0.05	70	80	<2	0.24	<2	7	194
KAM132575		<10	1	1.31	<10	2.65	388	1	0.06	88	20	3	0.17	<2	4	88
KAM132576		<10	<1	0.99	<10	2.31	276	1	0.08	80	50	2	0.11	<2	3	91
KAM132577		<10	<1	1.19	<10	2.50	438	1	0.10	62	160	2	0.10	<2	6	83
KAM132578		10	1	1.21	<10	2.38	674	<1	0.07	29	220	2	0.41	<2	7	60
KAM132579		10	<1	0.95	<10	2.15	676	1	0.08	22	250	3	0.24	<2	9	76
KAM132580		10	<1	0.17	<10	0.84	504	7	0.14	33	610	2	0.05	<2	5	56
KAM132581		<10	<1	0.74	<10	2.22	349	1	0.08	79	100	2	0.03	<2	5	94
KAM132582		<10	1	0.43	<10	2.13	325	1	0.10	75	90	2	0.06	<2	5	73
KAM132583		<10	<1	0.44	<10	2.55	443	2	0.07	60	110	6	0.31	<2	10	325
KAM132584		<10	1	0.52	20	1.75	388	4	0.04	34	210	4	0.42	<2	6	287
KAM132585		<10	1	0.72	10	1.59	284	1	0.07	42	250	2	0.25	<2	5	114
KAM132586		<10	<1	1.34	20	2.28	320	<1	0.05	65	270	7	0.30	<2	9	87
KAM132587		<10	<1	1.26	<10	2.64	387	<1	0.08	75	270	<2	0.19	<2	8	114
KAM132588		<10	2	0.29	<10	2.53	768	<1	0.03	60	290	12	0.45	<2	15	127
KAM132589		<10	1	1.25	<10	2.61	379	1	0.08	73	250	<2	0.19	<2	8	110
KAM132590		<10	3	0.19	10	3.49	1735	66	0.01	82	1070	21	0.70	7	4	214
KAM132591		<10	1	0.59	20	0.99	569	2	0.02	23	560	32	0.23	<2	6	226



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**CERTIFICATE OF ANALYSIS WH13048901**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
KAM132565		<20	0.06	<10	<10	26	130	12
KAM132566		<20	0.08	<10	<10	40	<10	25
KAM132567		<20	0.05	<10	<10	25	10	26
KAM132568		<20	0.08	<10	<10	32	<10	26
KAM132569		<20	0.17	<10	<10	41	<10	61
KAM132570		<20	0.07	<10	<10	47	<10	1430
KAM132571		<20	0.05	<10	<10	20	<10	21
KAM132572		<20	0.03	<10	<10	28	<10	19
KAM132573		<20	0.03	<10	<10	35	<10	19
KAM132574		<20	0.04	<10	<10	41	<10	25
KAM132575		<20	0.07	<10	<10	27	<10	28
KAM132576		<20	0.05	<10	<10	19	<10	26
KAM132577		<20	0.08	<10	<10	54	<10	30
KAM132578		<20	0.13	<10	<10	93	<10	74
KAM132579		<20	0.12	<10	<10	101	<10	55
KAM132580		<20	0.16	<10	<10	71	<10	60
KAM132581		<20	0.05	<10	<10	27	<10	26
KAM132582		<20	0.04	<10	<10	35	<10	20
KAM132583		<20	0.03	<10	<10	47	<10	52
KAM132584		<20	0.02	<10	<10	22	<10	27
KAM132585		<20	0.04	<10	<10	30	<10	24
KAM132586		<20	0.07	<10	<10	74	<10	21
KAM132587		<20	0.07	<10	<10	58	<10	25
KAM132588		<20	0.01	<10	<10	67	10	43
KAM132589		<20	0.07	<10	<10	58	<10	27
KAM132590		<20	0.01	<10	10	166	10	449
KAM132591		<20	0.03	<10	<10	38	<10	69