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 North Vancouver BC V7H 0A7
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To: COELTON VENTURES LTD
 1701 ROBERT LANG DRIVE
 COURTENAY BC V9N 1A2

Page: 1
 Finalized Date: 7-AUG-2012
 This copy reported on
 5-SEP-2012
 Account: COELVE

CERTIFICATE WH12173425

Project: OGI Soils
 P.O. No.:
 This report is for 167 Soil samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.
 The following have access to data associated with this certificate:
 CORWIN COE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

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

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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 WH12173425

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 %
M648101		0.31	0.010	<0.2	2.02	14	<10	250	0.6	<2	0.11	<0.5	9	34	46	2.98
M648102		0.30	0.013	<0.2	1.40	13	<10	220	<0.5	<2	0.23	0.9	10	28	60	2.84
M648103		0.40	0.007	<0.2	1.52	13	<10	230	0.5	<2	0.13	<0.5	10	25	36	2.53
M648104		0.35	0.007	<0.2	1.52	10	<10	390	0.5	<2	0.07	<0.5	12	28	41	2.66
M648105		0.34	0.004	0.2	1.85	13	<10	360	0.6	<2	0.09	<0.5	14	31	31	3.15
M648106		0.47	0.008	<0.2	1.98	12	<10	300	0.6	<2	0.06	<0.5	12	36	47	3.22
M648107		0.43	0.008	0.2	1.94	9	<10	430	0.7	<2	0.12	<0.5	15	38	76	3.89
M648108		0.46	0.010	<0.2	1.45	9	<10	290	0.6	<2	0.06	<0.5	12	35	97	3.57
M648109		0.36	0.010	0.4	1.59	10	<10	620	0.6	<2	0.12	0.8	21	36	79	3.83
M648110		0.29	0.004	0.2	1.53	9	<10	720	0.6	<2	0.27	<0.5	17	33	42	3.00
M648111		0.36	0.025	0.2	1.99	11	<10	650	0.9	<2	0.17	<0.5	36	45	205	4.68
M648112		0.35	0.027	<0.2	2.00	8	<10	660	0.9	<2	0.18	<0.5	36	45	202	4.73
M648113		0.37	0.007	0.3	2.65	8	<10	970	1.0	<2	0.22	1.4	25	45	66	4.26
M648114		0.41	0.008	1.2	2.12	13	<10	210	0.8	<2	0.15	0.8	10	31	91	3.12
M648115		0.31	0.011	0.4	1.56	9	<10	210	0.5	<2	0.13	0.5	9	26	62	2.78
M648116		0.42	0.005	<0.2	1.60	12	<10	310	<0.5	<2	0.15	<0.5	10	29	24	2.78
M648117		0.40	0.006	<0.2	2.05	10	<10	260	0.6	<2	0.06	<0.5	15	35	46	3.23
M648118		0.31	0.007	0.3	2.10	10	<10	2640	0.9	<2	0.43	0.7	100	38	123	5.02
M648119		0.52	0.004	0.2	2.52	13	<10	520	0.7	<2	0.07	<0.5	16	38	61	4.84
M648120		0.46	0.022	0.5	2.09	8	<10	410	0.9	<2	0.03	<0.5	43	35	251	12.05
M648121		0.55	0.007	0.2	1.35	12	<10	400	0.5	<2	0.14	<0.5	11	26	42	3.09
M648122		0.50	0.009	0.2	2.31	15	<10	240	0.8	<2	0.11	<0.5	9	37	81	3.17
M648123		0.43	0.014	0.3	1.19	8	<10	650	0.7	<2	0.26	0.8	24	28	85	3.52
M648124		0.36	0.003	<0.2	1.99	6	<10	370	0.7	<2	0.74	<0.5	17	36	37	3.15
M648125		0.42	0.004	<0.2	2.23	8	<10	360	0.8	<2	1.01	<0.5	23	31	45	4.09
M648126		0.31	0.006	0.2	1.52	10	<10	510	0.5	<2	0.53	<0.5	14	29	38	3.49
M648127		0.31	<0.001	<0.2	2.07	10	<10	340	0.7	<2	0.55	<0.5	14	30	30	3.43
M648128		0.38	0.004	<0.2	2.55	6	<10	310	0.8	<2	0.60	<0.5	21	29	42	4.48
M648129		0.26	0.003	<0.2	1.95	11	<10	250	0.8	<2	0.60	<0.5	18	25	41	4.14
M648130		0.18	<0.001	<0.2	1.98	7	<10	210	0.6	<2	0.77	<0.5	13	27	21	3.50
M648131		0.27	<0.001	<0.2	2.20	9	<10	230	0.7	<2	0.74	<0.5	16	23	29	3.67
M648132		0.42	0.002	<0.2	2.17	11	<10	260	0.7	<2	0.46	<0.5	13	29	23	3.42
M648133		0.41	<0.001	<0.2	1.83	8	<10	320	0.5	<2	0.37	<0.5	8	20	12	3.12
M648134		0.42	<0.001	<0.2	1.16	7	<10	310	1.1	<2	0.37	<0.5	25	9	22	6.56
M648135		0.31	<0.001	<0.2	2.00	5	<10	500	0.8	<2	0.59	<0.5	18	16	27	3.74
M648136		0.30	<0.001	<0.2	1.89	7	<10	430	0.9	<2	0.83	<0.5	31	16	47	4.12
M648137		0.30	<0.001	<0.2	1.64	9	<10	400	0.7	<2	1.39	<0.5	21	16	44	3.31
M648138		0.40	0.001	<0.2	1.50	7	<10	360	0.6	<2	1.34	<0.5	22	24	40	3.46
M648139		0.21	<0.001	<0.2	2.11	8	<10	310	0.7	<2	0.83	<0.5	19	55	47	3.79
M648140		0.33	<0.001	<0.2	2.72	9	<10	450	0.8	<2	0.92	<0.5	26	101	55	4.18



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CERTIFICATE OF ANALYSIS WH12173425

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 ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
M648101		10	<1	0.07	20	0.48	342	1	<0.01	28	600	12	0.02	2	4	17
M648102		<10	<1	0.07	20	0.40	378	2	<0.01	31	1040	10	0.03	2	2	26
M648103		<10	<1	0.05	20	0.42	353	1	0.01	24	580	12	0.01	<2	4	18
M648104		10	<1	0.06	20	0.26	332	2	0.01	27	500	14	0.02	<2	3	29
M648105		10	<1	0.06	10	0.29	903	2	0.01	21	520	14	0.02	<2	2	17
M648106		10	<1	0.07	10	0.30	549	2	0.01	22	450	15	0.02	<2	3	19
M648107		10	<1	0.09	20	0.29	1070	3	0.02	26	720	17	0.03	<2	3	26
M648108		10	<1	0.11	20	0.19	467	3	0.01	26	890	17	0.02	<2	3	19
M648109		10	<1	0.09	20	0.19	854	3	0.02	27	980	18	0.04	<2	2	27
M648110		10	<1	0.11	10	0.43	1465	2	0.02	27	1090	14	0.04	<2	2	32
M648111		10	<1	0.18	30	0.50	2520	3	0.01	42	890	38	0.03	<2	6	38
M648112		10	<1	0.18	30	0.50	2600	3	0.02	41	950	40	0.04	<2	6	39
M648113		10	<1	0.13	30	0.43	2830	3	0.02	46	1120	21	0.04	<2	3	28
M648114		10	<1	0.11	20	0.38	375	10	0.01	49	1610	13	0.02	2	4	24
M648115		<10	1	0.08	10	0.37	400	4	0.01	28	960	10	0.02	<2	3	22
M648116		<10	<1	0.06	10	0.43	411	1	0.02	21	610	10	0.02	<2	3	21
M648117		10	1	0.07	10	0.41	773	2	0.01	29	300	12	0.01	<2	4	17
M648118		10	<1	0.12	20	0.29	6340	13	0.04	69	1430	24	0.11	<2	4	62
M648119		10	1	0.07	10	0.41	734	4	0.01	38	390	13	0.01	<2	5	14
M648120		10	1	0.07	10	0.12	1770	15	0.01	61	1230	17	0.04	<2	4	29
M648121		<10	<1	0.06	20	0.35	711	3	0.01	31	670	10	0.04	<2	4	38
M648122		<10	1	0.07	10	0.31	408	4	0.01	52	600	15	0.04	<2	3	40
M648123		<10	1	0.08	30	0.24	1130	3	0.02	78	450	14	0.02	<2	7	50
M648124		10	<1	0.07	20	0.59	368	<1	0.02	33	500	7	0.03	<2	7	33
M648125		10	<1	0.12	20	0.64	578	1	0.02	32	550	7	0.03	<2	9	39
M648126		<10	<1	0.16	20	0.39	328	<1	0.02	29	880	5	0.22	<2	6	72
M648127		10	<1	0.06	20	0.55	656	<1	0.02	24	480	8	0.02	<2	7	24
M648128		10	<1	0.07	20	0.89	676	1	0.02	27	450	7	0.02	<2	9	27
M648129		10	1	0.07	20	0.68	606	1	0.02	24	450	7	0.02	<2	8	24
M648130		10	<1	0.07	20	0.50	544	1	0.02	20	720	8	0.03	<2	4	25
M648131		10	<1	0.06	20	0.55	533	<1	0.02	21	600	9	0.03	<2	6	23
M648132		10	<1	0.06	10	0.56	576	1	0.02	22	420	8	0.02	<2	5	23
M648133		10	<1	0.08	20	0.38	436	1	0.01	15	1030	8	0.01	<2	2	22
M648134		<10	<1	0.22	40	0.13	807	2	0.02	20	2590	9	0.28	<2	4	60
M648135		10	<1	0.11	30	0.28	709	1	0.02	18	1450	8	0.10	<2	6	42
M648136		10	<1	0.12	30	0.33	909	<1	0.02	29	1430	6	0.02	<2	11	37
M648137		10	<1	0.11	20	0.33	743	<1	0.02	26	1560	7	0.04	<2	7	45
M648138		<10	<1	0.09	20	0.40	542	1	0.02	31	1030	6	0.04	<2	6	41
M648139		10	<1	0.08	20	0.68	729	1	0.01	46	510	11	0.03	<2	8	25
M648140		10	<1	0.07	10	1.07	754	1	0.01	72	280	9	0.02	3	12	23



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CERTIFICATE OF ANALYSIS WH12173425

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
M648101		<20	0.04	<10	<10	61	<10	89
M648102		<20	0.04	<10	<10	61	<10	122
M648103		<20	0.04	<10	<10	45	<10	66
M648104		<20	0.03	<10	<10	62	<10	99
M648105		<20	0.05	<10	<10	79	<10	129
M648106		<20	0.05	<10	<10	85	<10	91
M648107		<20	0.03	<10	<10	89	<10	131
M648108		<20	0.01	<10	<10	94	<10	109
M648109		<20	0.02	<10	<10	97	<10	118
M648110		<20	0.03	<10	<10	63	<10	107
M648111		<20	0.01	<10	<10	87	<10	136
M648112		<20	0.01	<10	<10	88	<10	139
M648113		<20	0.02	<10	<10	94	<10	316
M648114		<20	0.03	<10	<10	95	<10	270
M648115		<20	0.04	<10	<10	62	<10	124
M648116		<20	0.05	<10	<10	52	<10	66
M648117		<20	0.05	<10	<10	63	<10	81
M648118		<20	0.02	<10	<10	79	<10	209
M648119		<20	0.06	<10	<10	76	<10	129
M648120		<20	0.01	<10	<10	67	<10	246
M648121		<20	0.05	<10	<10	55	<10	80
M648122		<20	0.03	<10	<10	111	<10	79
M648123		<20	0.02	<10	<10	63	<10	167
M648124		<20	0.04	<10	<10	80	<10	64
M648125		<20	0.05	<10	<10	91	<10	75
M648126		<20	0.03	<10	<10	61	<10	56
M648127		<20	0.04	<10	<10	89	<10	67
M648128		<20	0.08	<10	<10	122	<10	78
M648129		<20	0.05	<10	<10	94	<10	75
M648130		<20	0.03	<10	<10	81	<10	61
M648131		<20	0.03	<10	<10	94	<10	58
M648132		<20	0.04	<10	<10	79	<10	68
M648133		<20	0.02	<10	<10	54	<10	74
M648134		<20	0.01	<10	<10	28	<10	118
M648135		<20	0.01	<10	<10	63	<10	62
M648136		<20	0.01	<10	<10	82	<10	82
M648137		<20	0.02	<10	<10	67	<10	75
M648138		<20	0.04	<10	<10	65	<10	65
M648139		<20	0.10	<10	<10	90	<10	72
M648140		<20	0.30	<10	<10	120	<10	73



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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	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
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
M648141		0.27	<0.001	<0.2	2.27	8	<10	370	0.5	<2	0.44	<0.5	14	69	36	3.22
M648142		0.24	0.001	<0.2	2.29	6	<10	260	0.7	<2	1.96	<0.5	21	89	52	3.88
M648143		0.27	0.001	<0.2	2.27	8	<10	230	0.5	<2	0.48	<0.5	13	33	27	3.83
M648144		0.41	0.002	<0.2	2.01	10	<10	330	0.7	<2	0.83	<0.5	22	50	44	3.59
M648145		0.40	<0.001	<0.2	2.21	9	<10	220	0.7	<2	0.64	<0.5	14	31	30	3.48
M648146		0.41	<0.001	<0.2	2.14	5	<10	190	0.8	<2	1.99	<0.5	24	44	81	4.19
M648147		0.37	<0.001	<0.2	1.96	9	<10	280	0.5	<2	0.56	<0.5	15	36	40	3.38
M648148		0.35	0.001	<0.2	1.98	8	<10	300	0.6	<2	0.94	<0.5	18	43	47	3.67
M648149		0.40	0.003	<0.2	1.57	13	<10	140	<0.5	<2	0.07	<0.5	8	28	23	2.65
M648150		0.44	<0.001	<0.2	0.99	6	<10	140	<0.5	<2	0.02	<0.5	9	19	46	1.86
M648151		0.30	0.013	0.6	0.76	48	<10	670	1.1	<2	0.18	<0.5	3	31	66	3.88
M648152		0.24	0.006	0.2	1.19	21	<10	960	0.7	<2	0.05	<0.5	5	29	66	3.13
M648153		0.26	0.001	0.2	1.20	9	<10	390	<0.5	<2	0.10	0.5	12	23	24	2.85
M648154		0.27	0.002	<0.2	1.79	10	<10	320	0.6	<2	0.08	0.5	9	27	29	3.25
M648155		0.42	0.004	0.2	1.39	13	<10	800	0.5	<2	0.10	<0.5	9	27	59	2.95
M648156		0.27	0.013	0.5	1.06	104	<10	470	1.2	2	0.08	<0.5	11	32	159	5.24
M648157		0.36	0.002	<0.2	1.98	19	<10	880	0.6	<2	0.07	<0.5	6	32	26	3.05
M648158		0.43	<0.001	0.2	1.32	16	<10	630	<0.5	<2	0.12	<0.5	6	25	18	3.34
M648159		0.26	0.002	0.3	1.32	13	<10	1420	0.7	<2	0.10	<0.5	11	24	49	2.93
M648160		0.46	0.005	0.2	1.54	12	<10	890	0.6	<2	0.08	<0.5	11	28	35	3.03
M648161		0.37	0.001	0.2	1.70	13	<10	720	0.5	<2	0.08	<0.5	6	29	23	2.71
M648162		0.38	0.002	0.3	1.91	15	<10	390	0.5	<2	0.10	<0.5	7	32	18	3.17
M648163		0.40	0.004	0.5	1.95	19	<10	1320	0.9	<2	0.07	<0.5	7	38	42	3.15
M648164		0.43	0.001	<0.2	1.77	13	<10	250	0.6	<2	0.10	<0.5	12	31	30	3.07
M648165		0.26	0.004	0.5	1.83	12	<10	240	0.5	<2	0.08	<0.5	8	29	27	2.93
M648166		0.31	<0.001	<0.2	2.81	9	<10	630	1.1	<2	0.24	0.8	22	32	120	5.02
M648167		0.43	0.004	0.2	1.85	10	<10	230	0.5	<2	0.15	<0.5	9	31	36	2.85
M648168		0.34	<0.001	0.7	2.09	11	<10	240	0.6	<2	0.09	0.5	13	36	51	3.33
M648169		0.29	<0.001	<0.2	2.57	7	<10	250	0.8	<2	1.20	<0.5	22	29	39	4.42
M648170		0.23	0.004	<0.2	2.02	6	<10	200	0.7	<2	0.55	<0.5	20	28	29	3.47
M648171		0.30	0.001	<0.2	2.16	9	<10	260	0.6	<2	0.68	<0.5	16	32	32	3.46
M648172		0.37	<0.001	<0.2	2.43	7	<10	330	0.6	<2	0.65	<0.5	18	34	25	4.08
M648173		0.32	0.001	<0.2	1.96	10	<10	280	0.7	<2	0.61	<0.5	15	27	41	3.65
M648174		0.26	<0.001	<0.2	2.52	8	<10	180	0.7	<2	0.56	<0.5	15	37	23	4.18
M648175		0.33	0.001	0.2	2.55	5	<10	330	0.9	2	0.78	<0.5	19	29	36	4.19
M648176		0.31	<0.001	0.2	1.82	6	<10	330	0.6	<2	0.92	0.9	19	23	24	3.59
M648177		0.25	<0.001	0.2	2.48	6	<10	350	0.6	<2	0.49	<0.5	18	29	23	3.78
M648178		0.34	0.004	0.3	1.72	18	<10	300	0.7	<2	0.42	0.5	15	28	45	3.48
M648179		0.38	0.010	0.5	2.17	13	<10	430	1.0	<2	0.38	0.9	16	28	83	3.53
M648180		0.30	0.004	0.4	1.49	3	<10	360	0.7	<2	1.14	0.7	9	23	43	2.01



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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 ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
M648141		10	<1	0.04	10	0.68	342	1	0.01	49	240	9	0.01	2	6	16
M648142		10	<1	0.07	20	1.06	676	<1	0.01	61	600	8	0.06	3	8	47
M648143		10	<1	0.08	10	0.49	423	1	0.01	24	240	9	0.01	<2	6	18
M648144		10	<1	0.09	20	0.65	569	1	0.01	44	420	9	0.02	2	8	30
M648145		10	<1	0.08	20	0.49	514	<1	0.01	24	320	9	0.01	<2	7	28
M648146		10	<1	0.15	20	0.80	717	<1	0.01	35	1010	4	0.05	3	7	64
M648147		10	<1	0.06	20	0.68	509	<1	0.01	29	610	8	0.01	<2	7	28
M648148		10	<1	0.09	20	0.62	526	<1	0.01	40	970	8	0.02	3	7	34
M648149		<10	<1	0.04	10	0.43	299	1	<0.01	20	190	10	0.01	2	5	10
M648150		<10	<1	0.04	10	0.11	628	1	<0.01	19	440	6	0.01	<2	2	8
M648151		10	1	0.26	30	0.11	52	32	0.01	26	780	39	0.29	4	6	66
M648152		10	<1	0.22	20	0.19	258	7	0.01	16	840	28	0.27	3	3	51
M648153		10	<1	0.08	10	0.22	1325	2	<0.01	14	640	10	0.06	2	1	13
M648154		10	<1	0.08	10	0.38	400	2	0.01	21	400	10	0.02	2	3	13
M648155		<10	<1	0.15	20	0.34	355	8	0.01	23	540	14	0.14	2	4	39
M648156		10	1	0.28	40	0.20	754	31	0.01	40	1020	64	0.39	9	6	65
M648157		10	<1	0.06	10	0.39	227	2	0.01	18	420	15	0.03	<2	4	25
M648158		10	<1	0.07	10	0.18	908	3	0.01	12	880	14	0.04	3	2	21
M648159		10	<1	0.13	10	0.25	1455	4	0.01	21	650	16	0.11	3	2	29
M648160		10	1	0.11	10	0.34	528	3	0.01	20	420	16	0.04	2	3	22
M648161		10	<1	0.10	10	0.33	311	3	0.01	16	490	14	0.06	<2	3	25
M648162		10	<1	0.08	10	0.36	284	2	0.01	16	520	13	0.02	<2	3	16
M648163		10	<1	0.08	10	0.34	337	4	0.01	20	830	20	0.05	3	4	88
M648164		10	<1	0.08	10	0.50	381	2	0.01	30	320	10	0.03	2	3	17
M648165		10	<1	0.07	10	0.44	354	2	0.01	27	430	10	0.03	3	3	14
M648166		10	<1	0.23	20	1.04	1580	4	0.01	49	1860	27	0.02	2	6	37
M648167		10	<1	0.08	10	0.45	909	3	0.01	26	1260	11	0.03	<2	4	21
M648168		10	<1	0.07	10	0.36	611	2	0.01	35	620	11	0.03	3	3	18
M648169		10	<1	0.07	20	0.82	852	1	0.01	35	540	8	0.04	2	7	45
M648170		10	<1	0.05	10	0.49	780	1	0.01	30	490	9	0.03	<2	4	23
M648171		10	<1	0.06	10	0.65	607	1	0.01	26	450	7	0.02	2	5	28
M648172		10	<1	0.04	10	0.65	546	1	0.01	23	440	8	0.02	<2	6	26
M648173		10	<1	0.07	20	0.68	569	1	0.01	25	420	8	0.01	2	8	26
M648174		10	<1	0.07	10	0.59	615	1	0.01	26	520	9	0.03	2	5	18
M648175		10	1	0.08	20	0.54	1230	2	0.04	24	560	10	0.05	<2	8	29
M648176		10	1	0.08	10	0.44	1340	2	0.04	18	1340	8	0.08	<2	3	30
M648177		10	1	0.04	10	0.51	1050	2	0.04	21	530	7	0.05	<2	4	22
M648178		10	1	0.08	20	0.69	833	6	0.03	29	1470	15	0.06	<2	3	51
M648179		10	1	0.12	30	1.24	872	8	0.03	38	1490	18	0.05	<2	4	59
M648180		10	1	0.11	20	0.78	482	3	0.03	20	1120	10	0.07	<2	3	74



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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
M648141		<20	0.15	<10	<10	85	<10	53
M648142		<20	0.13	<10	<10	94	<10	62
M648143		<20	0.04	<10	<10	81	<10	60
M648144		<20	0.07	<10	<10	77	<10	73
M648145		<20	0.04	<10	<10	81	<10	89
M648146		<20	0.02	<10	<10	103	<10	68
M648147		<20	0.06	<10	<10	82	<10	65
M648148		<20	0.05	<10	<10	85	<10	76
M648149		<20	0.07	<10	<10	52	<10	60
M648150		<20	0.01	<10	<10	35	<10	51
M648151		<20	0.02	<10	<10	85	<10	54
M648152		<20	0.02	<10	<10	63	<10	93
M648153		<20	0.04	<10	<10	53	<10	73
M648154		<20	0.05	<10	<10	57	<10	90
M648155		<20	0.04	<10	<10	58	<10	55
M648156		<20	0.02	<10	<10	81	<10	60
M648157		<20	0.05	<10	<10	76	<10	58
M648158		<20	0.05	<10	<10	99	<10	82
M648159		<20	0.03	<10	<10	56	<10	54
M648160		<20	0.05	<10	<10	59	<10	71
M648161		<20	0.04	<10	<10	65	<10	59
M648162		<20	0.05	<10	<10	77	<10	77
M648163		<20	0.05	<10	<10	94	<10	59
M648164		<20	0.05	<10	<10	54	<10	84
M648165		<20	0.04	<10	<10	54	<10	64
M648166		<20	0.02	<10	<10	85	<10	149
M648167		<20	0.04	<10	<10	59	<10	105
M648168		<20	0.04	<10	<10	73	<10	117
M648169		<20	0.06	<10	<10	118	<10	68
M648170		<20	0.04	<10	<10	98	<10	55
M648171		<20	0.07	<10	<10	86	<10	65
M648172		<20	0.06	<10	<10	121	<10	71
M648173		<20	0.08	<10	<10	92	<10	69
M648174		<20	0.05	<10	<10	106	<10	62
M648175		<20	0.04	<10	<10	111	<10	76
M648176		<20	0.03	<10	<10	83	<10	78
M648177		<20	0.04	<10	<10	99	<10	76
M648178		<20	0.02	<10	<10	56	<10	116
M648179		<20	0.01	<10	<10	73	<10	171
M648180		<20	0.02	<10	<10	46	<10	93



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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
M648181		0.27	0.009	0.5	1.76	6	<10	350	0.8	<2	0.94	0.6	10	25	49	2.36
M648182		0.49	0.006	0.6	1.50	6	<10	460	0.5	<2	0.35	0.8	9	24	43	2.00
M648183		0.36	0.007	0.6	1.41	5	<10	360	0.5	<2	0.33	0.8	7	23	41	2.00
M648184		0.39	0.008	0.7	1.39	5	<10	460	0.6	<2	0.41	1.4	9	23	66	2.52
M648185		0.45	0.009	0.3	1.42	8	<10	410	0.6	<2	0.39	0.6	10	24	50	2.79
M648186		0.45	0.006	0.3	1.46	5	<10	330	0.5	<2	0.35	<0.5	10	24	34	2.13
M648187		0.37	0.009	0.4	1.37	5	<10	330	<0.5	<2	0.34	<0.5	8	22	37	1.90
M648188		0.39	0.008	0.5	1.73	8	<10	840	0.5	<2	0.51	<0.5	12	31	36	2.73
M648189		0.48	0.004	0.2	1.42	6	<10	440	0.5	<2	0.46	<0.5	8	21	36	2.10
M648190		0.36	0.007	0.4	1.38	6	<10	500	0.5	<2	0.63	0.5	10	21	38	2.04
M648191		0.40	0.022	1.3	1.04	6	<10	540	0.6	<2	0.98	1.7	10	18	136	2.67
M648192		0.38	0.006	0.4	1.08	8	<10	260	0.7	<2	0.33	0.6	10	17	51	2.74
M648193		0.51	0.007	0.2	1.76	12	<10	420	0.9	2	0.19	1.8	17	24	61	3.23
M648194		0.33	0.005	0.3	1.57	11	<10	380	1.1	<2	0.11	1.0	34	23	73	4.13
M648195		0.33	0.006	0.3	2.12	9	<10	230	0.8	<2	0.07	<0.5	20	37	67	3.92
M648196		0.42	0.004	0.3	1.50	4	<10	270	<0.5	<2	0.52	0.5	11	28	69	2.35
M648197		0.28	0.001	0.2	2.69	6	<10	610	0.6	<2	1.57	<0.5	28	120	75	4.26
M648198		0.31	<0.001	<0.2	2.20	9	<10	420	0.6	<2	0.96	<0.5	19	79	46	3.40
M648199		0.35	0.001	<0.2	2.09	5	<10	340	0.6	<2	1.31	<0.5	21	113	54	3.39
M648200		0.44	<0.001	<0.2	1.99	7	<10	280	0.6	<2	0.57	<0.5	16	34	31	3.26
M648201		0.45	<0.001	<0.2	2.03	7	<10	300	0.6	<2	0.57	<0.5	19	40	34	3.93
M648202		0.29	0.003	<0.2	2.09	7	<10	240	0.6	<2	0.69	<0.5	17	38	37	3.57
M648203		0.22	<0.001	<0.2	2.31	7	<10	250	0.7	<2	0.65	<0.5	17	24	31	3.61
M648204		0.24	<0.001	<0.2	2.13	6	<10	290	0.7	<2	0.69	<0.5	17	23	33	3.66
M648205		0.30	0.006	0.2	1.70	6	<10	250	0.6	<2	0.67	<0.5	16	21	32	3.67
M648206		0.26	<0.001	<0.2	2.68	12	<10	270	0.8	<2	0.25	<0.5	17	32	27	3.99
M648207		0.12	<0.001	0.2	2.12	6	<10	400	0.6	<2	0.40	<0.5	12	26	17	3.32
M648208		0.17	0.040	1.7	0.98	7	10	780	0.5	<2	3.38	3.8	5	12	149	1.43
M648209		0.24	0.007	0.3	1.39	29	<10	1390	0.9	2	0.21	1.0	34	25	105	5.59
M648210		0.39	0.022	1.9	1.18	7	<10	1100	0.6	<2	1.91	2.6	7	14	140	1.92
M648211		0.31	0.012	0.3	2.63	6	<10	330	1.2	2	0.15	<0.5	15	26	110	4.30
M648212		0.24	0.008	0.7	1.69	4	<10	1040	0.7	<2	0.55	1.6	10	19	75	2.58
M648213		0.39	0.014	<0.2	2.84	12	<10	500	1.4	2	0.14	0.6	19	30	122	4.26
M648214		0.31	<0.001	0.4	1.12	12	<10	980	<0.5	<2	0.16	2.7	7	28	53	3.96
M648215		0.31	0.002	0.3	1.96	13	<10	310	0.5	<2	0.07	1.2	9	33	58	2.97
M648216		0.35	0.005	2.2	1.43	26	<10	720	0.7	3	0.11	5.3	10	49	95	4.31
M648217		0.27	0.003	5.5	1.29	17	<10	3290	1.3	<2	5.80	47.2	9	148	97	2.00
M648218		0.31	0.004	5.9	1.09	34	<10	920	0.8	2	0.30	9.2	13	152	126	3.52
M648219		0.31	0.012	7.0	0.87	32	<10	4150	1.2	<2	5.64	23.5	6	140	126	1.69
M648220		0.33	0.007	9.0	0.87	26	<10	2190	0.9	<2	3.53	20.8	9	105	173	1.93



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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	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
M648181		10	1	0.11	30	1.10	467	4	0.04	25	1230	10	0.07	<2	4	61
M648182		<10	<1	0.06	10	0.40	422	3	0.03	21	1410	8	0.06	<2	2	34
M648183		<10	1	0.06	10	0.42	210	3	0.03	22	1300	7	0.05	<2	1	32
M648184		<10	1	0.11	20	0.42	298	5	0.03	29	1380	10	0.07	<2	2	55
M648185		<10	1	0.11	20	0.52	343	4	0.03	28	1010	9	0.07	<2	4	58
M648186		<10	1	0.07	10	0.60	336	2	0.04	20	900	8	0.04	<2	3	34
M648187		<10	1	0.06	10	0.41	194	3	0.04	20	980	7	0.03	<2	3	33
M648188		10	<1	0.09	10	0.52	455	3	0.04	26	710	12	0.05	<2	5	53
M648189		<10	1	0.08	20	0.53	234	3	0.03	21	1160	9	0.06	<2	3	45
M648190		<10	1	0.07	20	0.48	702	3	0.04	21	1140	8	0.07	<2	3	52
M648191		<10	1	0.08	20	0.24	454	8	0.04	43	1630	12	0.06	2	4	75
M648192		<10	1	0.10	20	0.35	487	4	0.03	38	1180	9	0.09	<2	4	74
M648193		<10	1	0.08	20	0.48	632	6	0.03	54	850	10	0.07	<2	5	49
M648194		<10	<1	0.11	20	0.42	1510	7	0.03	46	1100	12	0.08	2	5	44
M648195		10	1	0.08	20	0.48	649	4	0.03	40	630	10	0.06	2	4	28
M648196		<10	<1	0.06	10	0.46	266	3	0.04	30	840	6	0.05	<2	4	32
M648197		10	1	0.07	10	1.18	601	1	0.05	93	340	5	0.06	<2	13	34
M648198		10	1	0.07	10	0.74	462	1	0.04	56	250	6	0.04	<2	9	25
M648199		10	1	0.07	10	1.02	462	1	0.05	75	450	6	0.05	<2	10	30
M648200		10	1	0.06	10	0.51	584	1	0.04	27	430	6	0.04	<2	6	22
M648201		10	1	0.07	20	0.58	599	1	0.04	37	630	5	0.04	<2	7	24
M648202		10	1	0.06	20	0.82	512	1	0.04	33	520	6	0.04	<2	8	27
M648203		10	<1	0.08	30	0.58	769	1	0.04	23	580	6	0.05	<2	9	28
M648204		10	1	0.08	20	0.57	955	1	0.04	22	570	7	0.05	<2	8	24
M648205		10	1	0.05	20	0.59	647	1	0.04	22	710	5	0.04	<2	8	27
M648206		10	1	0.06	20	0.62	1370	2	0.03	29	600	8	0.04	<2	8	16
M648207		10	1	0.05	10	0.48	770	1	0.04	18	610	7	0.04	<2	4	22
M648208		<10	1	0.08	20	0.37	481	7	0.04	38	2210	7	0.14	<2	3	171
M648209		<10	<1	0.20	20	0.21	15500	12	0.04	44	1960	41	0.23	<2	4	144
M648210		<10	2	0.12	20	0.47	213	13	0.04	47	2680	8	0.08	3	5	127
M648211		10	<1	0.25	20	1.08	711	3	0.02	35	2360	17	0.08	<2	4	54
M648212		<10	<1	0.16	20	0.74	351	5	0.03	50	2040	9	0.07	<2	4	72
M648213		10	<1	0.23	20	1.25	338	5	0.02	39	1390	18	0.05	<2	5	51
M648214		10	<1	0.10	<10	0.12	498	4	0.02	18	840	14	0.08	3	2	42
M648215		<10	<1	0.07	10	0.42	204	2	0.02	42	300	11	0.05	<2	4	23
M648216		<10	<1	0.18	20	0.31	459	9	0.04	62	750	15	0.36	5	7	60
M648217		10	<1	0.06	60	0.37	1280	36	0.05	217	4140	11	0.12	10	3	594
M648218		10	<1	0.09	30	0.12	760	39	0.03	158	2800	15	0.16	11	1	89
M648219		<10	<1	0.07	40	0.83	503	40	0.06	208	3380	8	0.17	18	4	637
M648220		<10	1	0.05	30	0.49	2010	29	0.04	279	2720	9	0.14	12	4	346



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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
M648181		<20	0.01	<10	<10	47	<10	92
M648182		<20	0.02	<10	<10	45	<10	95
M648183		<20	0.02	<10	<10	44	<10	92
M648184		<20	0.02	<10	<10	47	<10	143
M648185		<20	0.03	<10	<10	49	<10	112
M648186		<20	0.03	<10	<10	48	<10	82
M648187		<20	0.03	<10	<10	44	<10	76
M648188		<20	0.04	<10	<10	57	<10	94
M648189		<20	0.02	<10	<10	49	<10	83
M648190		<20	0.02	<10	<10	44	<10	91
M648191		<20	0.01	<10	<10	45	<10	205
M648192		<20	0.02	<10	<10	42	<10	145
M648193		<20	0.03	<10	<10	51	<10	180
M648194		<20	0.03	<10	<10	64	<10	188
M648195		<20	0.06	<10	<10	77	<10	101
M648196		<20	0.04	<10	<10	56	<10	68
M648197		<20	0.29	<10	<10	100	<10	69
M648198		<20	0.23	<10	<10	83	<10	57
M648199		<20	0.30	<10	<10	88	<10	63
M648200		<20	0.04	<10	<10	86	<10	58
M648201		<20	0.03	<10	<10	98	<10	73
M648202		<20	0.07	<10	<10	87	<10	67
M648203		<20	0.04	<10	<10	92	<10	67
M648204		<20	0.04	<10	<10	89	<10	68
M648205		<20	0.04	<10	<10	94	<10	63
M648206		<20	0.05	<10	<10	101	<10	69
M648207		<20	0.04	<10	<10	75	<10	56
M648208		<20	0.01	<10	<10	41	<10	206
M648209		<20	0.01	<10	<10	76	<10	155
M648210		<20	<0.01	<10	<10	54	<10	273
M648211		<20	0.01	<10	<10	88	<10	250
M648212		<20	0.02	<10	<10	51	<10	214
M648213		<20	0.01	<10	<10	81	<10	161
M648214		<20	0.02	<10	<10	80	<10	220
M648215		<20	0.05	<10	<10	66	<10	117
M648216		<20	0.04	<10	<10	239	<10	539
M648217		<20	0.02	<10	10	978	<10	2380
M648218		<20	0.01	<10	<10	624	<10	1175
M648219		<20	0.02	<10	10	1170	<10	2440
M648220		<20	0.02	<10	10	723	<10	2400



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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 %
M648221		0.26	0.018	9.4	0.81	34	<10	2070	1.2	<2	3.83	23.2	9	132	202	1.97
M648222		0.33	0.015	8.1	0.93	22	<10	1890	0.9	<2	2.69	11.7	8	94	124	1.79
M648223		0.15	0.010	4.6	0.77	12	<10	1650	0.9	<2	2.89	7.9	6	68	128	1.43
M648224		0.31	0.020	1.6	1.00	11	<10	510	0.5	<2	0.26	1.1	8	26	126	2.86
M648225		0.28	0.017	1.0	0.85	9	<10	480	<0.5	<2	1.45	1.9	9	18	90	2.14
M648226		0.12	0.001	0.3	1.79	10	<10	550	0.6	<2	0.87	0.5	14	33	51	3.30
M648227		0.34	0.002	<0.2	2.61	6	<10	660	0.7	2	1.01	<0.5	22	38	47	4.45
M648228		0.21	0.001	<0.2	2.41	9	<10	400	0.6	<2	0.43	<0.5	17	35	28	3.96
M648229		0.35	0.001	<0.2	2.36	7	<10	460	0.6	<2	0.71	<0.5	16	34	42	3.63
M648470		0.32	0.020	2.2	0.80	44	<10	1160	0.6	<2	0.06	0.5	4	37	99	3.09
M648501		0.36	0.001	0.2	1.90	8	<10	460	<0.5	<2	0.57	<0.5	14	27	26	3.36
M648502		0.38	0.001	0.2	2.10	6	<10	530	0.7	2	1.12	<0.5	19	30	55	3.90
M648503		0.35	0.003	<0.2	1.77	9	<10	530	0.6	<2	0.61	<0.5	11	29	34	3.00
M648504		0.31	<0.001	<0.2	1.98	7	<10	480	0.5	<2	0.52	<0.5	15	30	29	3.32
M648505		0.34	0.001	<0.2	1.70	8	<10	370	0.6	<2	0.73	<0.5	11	27	39	2.91
M648506		0.36	0.002	0.2	1.87	10	<10	580	0.6	<2	0.94	<0.5	19	28	51	4.13
M648507		0.40	0.006	<0.2	2.11	8	<10	550	0.6	<2	0.86	<0.5	17	41	41	3.46
M648508		0.37	0.002	0.2	2.37	5	<10	270	0.7	<2	1.72	<0.5	24	109	57	3.91
M648509		0.40	0.005	0.2	2.13	7	<10	370	0.6	<2	1.18	<0.5	18	62	44	3.33
M648510		0.30	0.016	1.9	1.87	5	<10	390	1.0	<2	2.64	1.2	11	31	74	4.07
M648511		0.27	<0.001	0.2	2.16	3	<10	380	0.5	<2	1.33	<0.5	18	68	52	3.10
M648512		0.38	0.001	0.4	1.98	22	<10	980	0.8	<2	0.18	<0.5	28	35	83	5.08
M648513		0.35	0.001	0.3	2.05	11	<10	350	0.6	2	0.06	<0.5	10	32	29	3.16
M648514		0.25	0.002	0.3	2.34	23	<10	1370	1.0	<2	0.32	0.5	74	28	96	4.78
M648515		0.41	0.007	0.3	1.32	10	<10	400	0.5	<2	0.11	<0.5	11	26	34	2.61
M648516		0.32	0.003	0.4	2.45	16	<10	740	0.9	<2	0.05	1.0	26	36	60	4.23
M648560		0.47	0.005	2.1	2.06	18	<10	1270	0.7	<2	0.14	<0.5	6	64	28	2.99
M648561		0.56	<0.001	<0.2	1.99	16	<10	280	0.5	<2	0.06	<0.5	7	35	24	2.98
M648562		0.44	0.005	<0.2	1.96	14	<10	280	<0.5	<2	0.07	<0.5	7	31	29	2.89
M648563		0.52	<0.001	0.5	1.49	23	<10	590	0.5	<2	0.15	<0.5	11	28	36	3.52
M648564		0.44	0.011	1.4	1.99	9	<10	1940	0.9	<2	1.13	0.5	7	26	89	2.96
M648565		0.50	0.015	0.4	1.31	7	<10	730	0.5	<2	0.46	0.5	6	21	54	2.12
M648566		0.46	0.004	0.6	1.31	14	<10	320	0.5	<2	0.10	<0.5	14	21	48	3.96
M648567		0.46	0.005	1.4	1.79	12	<10	610	0.7	<2	0.06	0.5	8	32	48	4.08
M648568		0.49	0.001	0.7	1.54	13	<10	680	0.6	<2	0.06	0.5	12	26	38	3.60
M648569		0.45	0.012	0.6	1.51	18	<10	480	0.5	<2	0.11	1.3	15	34	54	3.42
M648570		0.46	0.002	0.3	1.66	15	<10	540	0.8	<2	0.07	<0.5	21	27	52	4.12
M648571		0.45	0.004	<0.2	1.70	9	<10	150	<0.5	<2	0.08	0.5	7	29	52	3.24
M648572		0.49	0.007	<0.2	1.00	12	<10	500	<0.5	<2	0.12	<0.5	7	22	39	2.41
M648573		0.39	0.002	0.4	0.68	24	<10	710	<0.5	<2	0.02	<0.5	5	29	34	2.97



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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	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
M648221		<10	2	0.07	30	0.34	1230	47	0.04	303	3180	11	0.20	17	4	463
M648222		<10	1	0.07	30	0.21	922	24	0.03	167	2190	10	0.19	10	3	324
M648223		<10	1	0.10	20	0.23	563	7	0.04	112	2400	13	0.16	6	3	334
M648224		<10	<1	0.16	20	0.25	317	12	0.03	48	1360	16	0.08	2	2	45
M648225		<10	<1	0.08	20	0.42	616	3	0.03	46	1120	7	0.10	<2	4	87
M648226		10	<1	0.08	20	0.53	410	2	0.03	36	860	10	0.03	3	5	50
M648227		10	<1	0.06	20	1.32	681	<1	0.04	32	740	5	0.04	2	9	35
M648228		10	<1	0.04	10	0.75	353	1	0.03	27	330	7	0.03	<2	5	20
M648229		10	<1	0.06	10	1.01	387	1	0.03	29	390	6	0.03	3	7	26
M648470		<10	1	0.16	10	0.11	82	10	0.03	21	1940	23	0.34	8	3	198
M648501		10	<1	0.07	10	0.53	639	1	0.03	23	500	7	0.03	<2	5	29
M648502		10	<1	0.08	20	0.79	663	1	0.03	34	600	8	0.04	<2	8	44
M648503		<10	<1	0.05	20	0.56	528	<1	0.03	25	490	7	0.03	3	6	29
M648504		10	<1	0.09	10	0.59	540	1	0.03	32	480	6	0.03	<2	6	24
M648505		<10	<1	0.06	20	0.57	309	1	0.03	27	490	7	0.03	<2	6	32
M648506		10	<1	0.10	20	0.69	389	1	0.03	41	830	6	0.07	<2	7	42
M648507		10	<1	0.07	20	0.87	447	<1	0.03	37	500	6	0.03	4	7	33
M648508		10	<1	0.08	20	1.46	511	<1	0.03	72	850	6	0.05	2	10	64
M648509		10	<1	0.06	20	1.25	414	1	0.03	64	760	6	0.04	<2	6	51
M648510		<10	<1	0.18	30	1.96	536	8	0.03	43	910	11	0.07	3	12	101
M648511		10	<1	0.05	20	1.38	433	<1	0.04	78	800	6	0.05	<2	6	50
M648512		10	<1	0.19	10	0.65	402	10	0.02	99	700	20	0.10	4	4	42
M648513		10	<1	0.09	10	0.48	251	3	0.02	37	260	9	0.03	3	3	12
M648514		10	<1	0.20	10	0.55	1270	8	0.03	140	1100	34	0.06	4	5	42
M648515		<10	<1	0.10	10	0.45	250	4	0.02	47	290	8	0.04	2	3	20
M648516		10	<1	0.20	10	0.68	513	13	0.02	162	500	13	0.06	5	4	19
M648560		10	1	0.07	10	0.34	168	7	0.02	21	1650	11	0.05	4	4	31
M648561		10	<1	0.06	10	0.43	227	1	0.01	22	310	10	0.02	3	4	12
M648562		<10	1	0.05	10	0.43	229	1	0.01	26	420	9	0.03	2	3	16
M648563		<10	<1	0.10	10	0.35	487	4	0.01	25	840	12	0.09	3	3	47
M648564		10	1	0.19	20	0.67	187	6	0.03	38	2910	12	0.10	3	3	116
M648565		<10	1	0.08	10	0.44	228	2	0.02	26	1180	8	0.02	2	4	40
M648566		<10	<1	0.10	10	0.29	332	4	0.01	42	620	10	0.11	3	3	34
M648567		10	1	0.12	10	0.30	203	4	0.02	18	1320	15	0.13	3	3	37
M648568		10	1	0.11	10	0.28	368	4	0.02	22	910	12	0.11	2	3	39
M648569		10	2	0.09	10	0.30	1110	5	0.01	32	1280	13	0.09	4	2	62
M648570		10	<1	0.09	10	0.32	1185	4	0.01	36	680	20	0.08	2	3	50
M648571		10	1	0.08	10	0.60	182	4	0.01	22	1110	10	0.04	2	<1	13
M648572		<10	<1	0.06	10	0.26	281	3	0.01	18	680	11	0.03	2	2	28
M648573		10	1	0.09	10	0.06	358	10	0.01	8	750	22	0.09	2	2	49



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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
M648221		<20	0.01	<10	10	820	<10	2500
M648222		<20	0.01	<10	10	525	<10	1280
M648223		<20	0.01	<10	10	395	<10	787
M648224		<20	0.01	<10	<10	111	<10	282
M648225		<20	0.02	<10	<10	38	<10	150
M648226		<20	0.06	<10	<10	73	<10	122
M648227		<20	0.25	<10	<10	122	<10	84
M648228		<20	0.20	<10	<10	113	<10	60
M648229		<20	0.25	<10	<10	105	<10	66
M648470		<20	0.01	<10	<10	136	<10	58
M648501		<20	0.08	<10	<10	79	<10	64
M648502		<20	0.13	<10	<10	92	<10	63
M648503		<20	0.06	<10	<10	66	<10	59
M648504		<20	0.08	<10	<10	72	<10	60
M648505		<20	0.06	<10	<10	68	<10	55
M648506		<20	0.09	<10	<10	81	<10	71
M648507		<20	0.12	<10	<10	87	<10	64
M648508		<20	0.11	<10	<10	97	<10	70
M648509		<20	0.14	<10	<10	79	<10	73
M648510		<20	0.01	<10	<10	64	<10	142
M648511		<20	0.13	<10	<10	72	<10	74
M648512		<20	0.02	<10	<10	55	<10	263
M648513		<20	0.05	<10	<10	61	<10	128
M648514		<20	0.02	<10	<10	48	<10	506
M648515		<20	0.04	<10	<10	53	<10	180
M648516		<20	0.02	<10	<10	73	<10	1205
M648560		<20	0.04	<10	<10	303	<10	62
M648561		<20	0.07	<10	<10	68	<10	70
M648562		<20	0.05	<10	<10	61	<10	66
M648563		<20	0.03	<10	<10	87	<10	86
M648564		<20	0.01	<10	<10	93	<10	159
M648565		<20	0.02	<10	<10	46	<10	101
M648566		<20	0.03	<10	<10	47	<10	150
M648567		<20	0.02	<10	<10	89	<10	82
M648568		<20	0.03	<10	<10	82	<10	107
M648569		<20	0.02	<10	<10	96	<10	98
M648570		<20	0.02	<10	<10	59	<10	89
M648571		<20	0.01	<10	<10	88	<10	141
M648572		<20	0.03	<10	<10	49	<10	53
M648573		<20	0.02	<10	<10	101	<10	23



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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
M648574		0.42	<0.001	0.3	1.59	11	<10	710	0.6	<2	0.17	<0.5	18	24	61	4.55
M648575		0.42	0.006	0.4	1.44	15	<10	440	0.7	<2	0.06	<0.5	13	25	35	2.91
M648576		0.49	0.003	0.2	1.28	11	<10	230	<0.5	<2	0.04	<0.5	3	25	55	2.59
M648577		0.44	0.007	0.4	1.26	8	<10	640	<0.5	<2	0.52	<0.5	5	23	33	2.32
M648578		0.41	0.011	0.2	1.31	7	<10	510	<0.5	<2	0.21	<0.5	14	23	56	2.61
M648579		0.48	0.003	<0.2	1.61	9	<10	370	0.6	<2	0.07	0.6	33	27	67	4.01
M648580		0.42	0.003	0.2	1.56	13	<10	150	0.6	<2	0.12	<0.5	13	26	51	3.57



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CERTIFICATE OF ANALYSIS WH12173425

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 ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
M648574		10	1	0.12	10	0.32	1010	3	0.01	29	770	18	0.05	2	3	31
M648575		<10	<1	0.09	10	0.24	607	4	0.01	17	750	13	0.10	2	2	56
M648576		10	<1	0.05	10	0.10	130	2	0.01	11	570	11	0.04	<2	2	16
M648577		10	1	0.06	10	0.34	291	3	0.01	15	650	11	0.05	2	2	37
M648578		<10	<1	0.06	10	0.42	1045	2	0.01	37	850	11	0.04	2	2	29
M648579		<10	1	0.05	10	0.37	2550	1	0.01	56	580	13	0.04	<2	4	22
M648580		<10	1	0.09	10	0.50	791	3	0.01	37	930	11	0.05	3	2	24



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CERTIFICATE OF ANALYSIS WH12173425

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
M648574		<20	0.03	<10	<10	54	<10	88
M648575		<20	0.03	<10	<10	72	<10	53
M648576		<20	0.02	<10	<10	57	<10	45
M648577		<20	0.02	<10	<10	46	<10	58
M648578		<20	0.02	<10	<10	41	<10	120
M648579		<20	0.04	<10	<10	41	<10	157
M648580		<20	0.02	<10	<10	56	<10	134