



BUREAU VERITAS MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Klondike Gold Corp.**
3123-595 Burrard St.
Vancouver British Columbia V7X 1K8 Canada

Submitted By: Notification Distribution List
Receiving Lab: Canada-Whitehorse
Received: June 26, 2019
Report Date: July 20, 2019
Page: 1 of 4

CERTIFICATE OF ANALYSIS

WHI19000101.1

CLIENT JOB INFORMATION

Project: LS
Shipment ID: KG19-20
P.O. Number
Number of Samples: 64

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	60	Crush, split and pulverize 500g rock to 200 mesh			WHI
SPTRF	1	Split samples by riffle splitter			WHI
PUL85	1	Pulverize to 85% passing 200 mesh			WHI
SLBHP	3	Sort, label and box pulps			WHI
FS631	64	Metallic Sieve 500g to 150 mesh			WHI
Split +150 mesh	64	Analysis sample split/packet			WHI
Split -150	64	Analysis sample split/packet			WHI
EN002	64	Environmental disposal charge-Fire assay lead waste			VAN
FS631	61	Metallics Fire Assay for Au	30	Completed	VAN
AQ251_EXT	64	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
SHP01	64	Per sample shipping charges for branch shipments			VAN
FA530	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Klondike Gold Corp.
3123-595 Burrard St.
Vancouver British Columbia V7X 1K8
Canada

CC: Ian Perry
Graeme Joyce
Erika Cayer
Peter Tallman



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. Bureau Veritas 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.



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Method	WGHT	M150	FA430	FS600	FS600	FS600	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
Analyte	Wgt	TotWt	-Au	TotAu	+Au	+Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	
Unit	kg	g	gm/t	gm/t	gm/t	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	
MDL	0.01	1	0.005	0.01	0.17	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	
1830499	Drill Core	3.11	412	0.092	0.09	<0.17	37.82	0.62	13.00	8.94	45.6	297	9.1	5.9	440	1.87	3.4	1.0	116.1	11.0	38.2
1830500	Rock Pulp	0.12	97	7.485				8.63	182.06	19.67	73.3	913	12.4	10.5	566	4.51	14.5	0.9	8246.4	2.8	66.3
1830501	Drill Core	5.40	453	0.818	0.84	1.02	45.87	0.72	14.10	13.91	41.2	625	9.9	6.6	424	1.74	3.5	0.9	323.7	8.3	56.6
1830502	Drill Core	4.32	394	0.012	0.01	<0.17	28.76	0.72	10.65	6.99	55.1	260	10.5	6.8	357	1.82	5.7	0.9	5.5	10.1	31.6
1830503	Drill Core	4.01	418	0.031	0.03	<0.17	28.13	0.33	10.12	9.00	13.7	311	3.7	3.6	131	0.76	5.3	0.7	20.7	15.3	10.4
1830504	Drill Core	4.85	357	0.103	0.10	<0.17	33.22	0.52	15.55	14.40	20.1	371	7.7	4.4	317	1.35	11.0	0.8	120.1	11.9	22.1
1830505	Drill Core	2.41	513	0.007	<0.01	<0.17	41.26	0.26	9.95	14.32	11.7	154	2.7	2.9	167	0.63	2.4	0.8	3.6	14.1	13.8
1830506	Drill Core	3.69	357	<0.005	<0.01	<0.17	38.51	0.51	10.19	17.80	16.8	148	4.3	3.2	212	0.95	3.3	1.2	1.0	15.3	16.8
1830507	Drill Core	2.42	507	0.005	<0.01	<0.17	52.38	0.28	12.92	18.40	29.6	198	5.9	4.7	287	1.19	4.9	1.3	0.2	13.2	22.3
1830508	Drill Core	5.58	533	<0.005	<0.01	<0.17	44.50	0.65	20.78	1.45	70.6	222	38.5	30.9	706	5.07	5.4	0.2	0.7	0.9	91.3
1830509	Drill Core	3.61	385	<0.005	<0.01	<0.17	43.47	0.58	24.27	31.89	79.6	334	39.4	31.0	586	4.78	0.9	0.2	<0.2	0.8	89.9
1830510	Drill Core	5.30	500	<0.005	<0.01	<0.17	47.28	0.54	23.54	3.05	74.6	268	39.0	30.4	581	5.05	2.7	0.2	<0.2	0.8	81.1
1830511	Drill Core	2.64	483	0.005	<0.01	<0.17	44.90	0.65	23.11	1.65	72.7	240	40.2	31.5	691	5.38	5.1	0.4	<0.2	1.1	87.5
1830512	Drill Core	5.43	478	1.305	1.40	2.38	43.68	0.73	9.90	8.70	42.9	898	12.1	8.6	427	2.16	6.6	1.4	1544.2	11.2	33.4
1830513	Drill Core	4.16	413	0.603	0.73	1.67	48.00	0.95	15.73	17.61	40.9	399	8.1	5.5	500	1.81	4.0	1.0	391.0	8.4	33.9
1830514	Drill Core	3.48	489	0.010	<0.01	<0.17	43.45	0.87	8.65	14.79	36.0	174	7.3	5.3	529	1.73	3.1	1.4	2.2	8.6	56.4
1830515	Drill Core	3.54	438	0.027	0.04	0.21	32.64	0.65	19.88	7.65	32.5	307	10.1	5.9	551	1.76	4.2	1.4	9.3	7.4	60.4
1830516	Drill Core	2.03	453	1.949	2.20	4.91	38.91	0.54	17.58	11.13	32.7	1791	6.2	4.4	380	1.33	3.1	0.7	8983.6	5.7	35.9
1830517	Drill Core	2.09	438	1.183	1.37	4.18	27.53	0.56	3.31	3.61	7.2	509	1.4	0.8	139	0.73	1.5	0.1	858.6	0.7	3.5
1830518	Drill Core	1.89	410	>10	26.07	108.02	35.02	0.61	17.86	2.84	16.3	6988	3.5	2.4	229	1.07	1.7	0.5	31330.7	4.0	9.6
1830519	Drill Core	4.90	439	0.582	0.66	1.37	44.41	0.54	15.60	6.33	41.2	626	7.5	6.3	431	1.64	4.8	1.3	926.5	11.4	41.9
1830520	Rock Pulp	0.12	95	0.462				2.30	426.87	18.21	49.3	276	604.9	25.8	418	2.61	19.6	0.6	497.9	2.4	52.1
1830521	Drill Core	2.26	410	0.917	0.99	2.15	23.72	0.75	15.02	6.55	43.6	1057	9.1	7.3	378	1.71	6.3	1.2	2786.2	10.8	35.3
1830522	Drill Core	2.31	437	2.288	3.01	11.78	33.46	0.86	16.04	9.11	28.8	1026	6.6	4.8	360	1.61	7.1	1.1	2350.7	7.8	24.9
1830523	Drill Core	4.52	418	1.322	1.38	2.14	30.86	0.53	35.97	6.84	42.4	856	8.2	6.9	619	1.89	4.0	1.1	1143.9	8.2	39.7
1830524	Drill Core	2.64	413	0.347	0.41	0.89	44.77	0.49	21.28	7.24	32.0	309	6.5	5.0	521	1.62	3.3	0.6	193.4	6.8	33.9
1830525	Drill Core	5.13	438	0.008	<0.01	<0.17	35.84	1.05	12.24	13.23	45.9	151	8.6	6.1	506	1.90	2.4	0.9	1.4	10.2	52.6
1830526	Drill Core	2.65	453	0.006	<0.01	<0.17	47.32	1.23	11.30	10.02	40.1	215	7.1	5.2	180	1.43	3.4	2.2	21.6	8.2	21.9
1830527	Drill Core	5.00	449	0.012	0.01	<0.17	32.76	1.80	14.93	12.65	56.9	253	10.6	7.8	398	1.90	3.2	1.8	1.4	12.2	45.3
1830528	Drill Core	4.54	426	0.027	0.02	<0.17	34.79	1.15	15.66	6.21	55.7	190	12.0	7.1	263	2.01	1.1	1.8	<0.2	10.7	31.3



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Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	
Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	
MDL	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	
1830499	Drill Core	0.20	0.58	0.06	13	0.47	0.051	27.1	11.9	0.76	231.2	0.011	<1	1.16	0.022	0.38	0.5	3.5	0.13	<0.02	<5
1830500	Rock Pulp	0.18	5.32	0.58	110	0.84	0.060	7.5	17.4	0.83	123.0	0.116	2	1.65	0.161	0.22	4.3	4.2	0.08	<0.02	221
1830501	Drill Core	0.27	0.57	0.18	9	1.04	0.049	22.4	8.4	0.62	207.2	0.009	1	0.89	0.017	0.36	0.3	3.6	0.12	<0.02	8
1830502	Drill Core	0.26	0.47	0.11	12	0.74	0.060	28.6	10.7	0.76	261.7	0.004	2	1.13	0.026	0.36	0.2	4.3	0.11	<0.02	<5
1830503	Drill Core	0.09	0.64	0.14	3	0.12	0.047	36.8	3.4	0.21	217.3	0.001	<1	0.49	0.014	0.30	0.6	1.1	0.09	<0.02	<5
1830504	Drill Core	0.20	0.86	0.23	7	0.44	0.048	30.5	6.8	0.39	225.4	0.004	1	0.67	0.025	0.34	0.3	2.1	0.10	<0.02	6
1830505	Drill Core	0.17	0.61	0.16	3	0.27	0.032	32.6	3.2	0.22	200.8	0.007	1	0.49	0.020	0.30	0.3	1.2	0.09	<0.02	8
1830506	Drill Core	0.17	0.81	0.20	5	0.36	0.039	31.4	6.2	0.29	237.4	0.025	<1	0.61	0.038	0.29	0.5	2.0	0.08	<0.02	<5
1830507	Drill Core	0.17	0.86	0.25	14	0.35	0.045	23.5	9.0	0.58	261.4	0.054	<1	0.89	0.030	0.28	0.6	2.7	0.11	<0.02	<5
1830508	Drill Core	0.07	1.17	<0.02	85	2.03	0.109	11.8	27.1	2.59	273.8	0.236	<1	3.30	0.196	0.65	0.3	8.0	0.67	0.06	<5
1830509	Drill Core	0.05	1.03	0.09	75	1.97	0.111	10.8	25.9	2.59	181.2	0.232	<1	3.44	0.223	0.88	0.3	5.4	0.82	<0.02	<5
1830510	Drill Core	0.04	1.34	0.03	90	1.63	0.112	10.8	23.5	2.66	225.8	0.224	<1	3.43	0.208	1.11	0.2	5.5	0.81	<0.02	<5
1830511	Drill Core	0.08	3.03	<0.02	99	1.55	0.117	12.2	27.7	2.70	367.0	0.291	<1	3.37	0.183	0.73	0.4	10.8	0.62	<0.02	<5
1830512	Drill Core	0.36	3.01	0.03	16	0.36	0.050	24.0	12.5	0.84	353.2	0.050	2	1.30	0.021	0.68	1.1	4.2	0.33	<0.02	12
1830513	Drill Core	0.32	2.14	0.15	10	0.51	0.049	22.1	9.9	0.67	269.6	0.039	1	1.02	0.016	0.48	0.7	3.3	0.19	<0.02	9
1830514	Drill Core	0.23	2.70	0.05	9	0.86	0.051	21.0	8.6	0.66	260.0	0.034	1	0.99	0.014	0.57	0.4	3.1	0.19	<0.02	<5
1830515	Drill Core	0.23	3.26	0.03	12	1.05	0.073	17.0	9.8	0.67	218.5	0.034	<1	0.92	0.014	0.53	0.5	3.1	0.17	<0.02	5
1830516	Drill Core	0.15	1.33	0.07	5	0.53	0.036	14.6	7.5	0.47	187.1	0.021	1	0.68	0.015	0.38	0.5	2.5	0.15	<0.02	12
1830517	Drill Core	0.07	0.44	<0.02	1	0.03	0.004	1.7	4.4	0.10	84.0	0.006	<1	0.15	0.002	0.06	0.2	0.6	<0.02	<0.02	<5
1830518	Drill Core	0.19	0.76	0.02	2	0.11	0.016	11.2	5.1	0.20	145.4	0.007	1	0.39	0.011	0.22	0.2	1.6	0.07	<0.02	21
1830519	Drill Core	0.28	2.52	0.04	10	0.57	0.046	21.5	10.5	0.69	275.9	0.042	2	1.18	0.013	0.54	0.8	2.6	0.15	<0.02	10
1830520	Rock Pulp	0.19	0.38	0.27	54	1.28	0.030	4.0	93.1	1.68	75.3	0.061	3	1.97	0.201	0.15	1.3	3.0	0.10	0.19	23
1830521	Drill Core	0.24	2.38	0.03	10	0.40	0.052	20.6	13.3	0.69	258.2	0.040	2	1.21	0.018	0.47	0.6	2.9	0.13	<0.02	9
1830522	Drill Core	0.19	1.47	0.07	8	0.29	0.037	15.6	9.3	0.54	216.9	0.020	1	0.93	0.009	0.40	0.4	2.4	0.11	<0.02	7
1830523	Drill Core	0.25	1.51	0.04	9	0.74	0.047	12.9	9.6	0.67	294.2	0.026	2	1.05	0.024	0.54	0.5	3.1	0.16	0.13	<5
1830524	Drill Core	0.21	1.34	0.03	6	0.62	0.037	11.0	7.3	0.49	282.7	0.019	1	0.82	0.019	0.49	0.3	2.1	0.15	0.10	6
1830525	Drill Core	0.16	2.02	0.09	10	0.76	0.050	17.6	10.2	0.74	249.4	0.042	1	1.10	0.020	0.65	0.4	2.9	0.22	<0.02	<5
1830526	Drill Core	0.08	1.33	0.14	8	0.27	0.041	14.5	9.3	0.48	235.9	0.026	1	0.82	0.024	0.53	0.3	2.4	0.19	<0.02	10
1830527	Drill Core	0.24	2.01	0.07	15	0.77	0.056	20.0	16.3	0.76	282.9	0.054	<1	1.16	0.038	0.67	0.5	4.2	0.27	<0.02	7
1830528	Drill Core	0.20	1.77	0.07	20	0.41	0.056	19.3	21.4	0.81	261.3	0.091	1	1.21	0.052	0.60	0.8	5.3	0.27	<0.02	11



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Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	-Au
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm
MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.9
1830499	Drill Core	<0.1	<0.02	4.0	3.96	<0.1	0.17	0.03	17.3	0.3	<0.05	7.2	8.87	50.5	<0.02	<1	0.5	14.8	<10	<2
1830500	Rock Pulp	<0.1	0.13	4.6	0.67	0.1	0.11	0.14	7.8	1.7	<0.05	1.6	4.95	15.4	0.06	1	0.1	7.0	<10	<2
1830501	Drill Core	<0.1	0.08	2.6	3.40	<0.1	0.17	<0.02	15.3	0.3	<0.05	7.2	7.39	41.4	<0.02	<1	0.4	10.4	<10	<2
1830502	Drill Core	<0.1	<0.02	3.7	3.24	<0.1	0.13	0.03	15.5	0.3	<0.05	6.6	7.54	54.9	0.02	2	0.5	15.4	<10	<2
1830503	Drill Core	<0.1	<0.02	1.6	3.25	<0.1	0.04	<0.02	12.7	0.3	<0.05	1.6	6.57	67.4	<0.02	<1	0.5	5.6	<10	3
1830504	Drill Core	<0.1	0.07	2.0	3.15	<0.1	0.04	0.04	14.1	0.3	<0.05	3.5	9.40	56.0	<0.02	<1	0.6	7.8	<10	<2
1830505	Drill Core	<0.1	<0.02	1.5	2.56	<0.1	0.03	0.08	12.3	0.4	<0.05	1.1	7.53	58.9	<0.02	<1	0.3	5.0	<10	<2
1830506	Drill Core	<0.1	<0.02	2.5	2.14	<0.1	0.06	0.22	12.0	0.5	<0.05	1.6	13.59	57.2	<0.02	<1	0.4	6.8	<10	<2
1830507	Drill Core	<0.1	<0.02	3.9	3.04	<0.1	0.06	0.14	12.6	0.6	<0.05	2.2	12.31	43.7	<0.02	<1	0.4	11.6	<10	<2
1830508	Drill Core	<0.1	<0.02	9.5	15.07	0.1	0.30	0.10	55.3	0.4	<0.05	10.0	18.24	27.4	0.03	1	0.4	21.7	<10	<2
1830509	Drill Core	<0.1	<0.02	9.1	19.57	0.2	0.31	0.09	75.1	0.3	<0.05	11.2	17.27	25.5	<0.02	<1	0.3	23.8	<10	<2
1830510	Drill Core	<0.1	<0.02	9.5	23.78	0.2	0.25	0.08	81.6	0.5	<0.05	7.4	18.08	25.1	<0.02	<1	0.3	23.7	12	<2
1830511	Drill Core	<0.1	<0.02	10.4	17.96	0.1	0.39	0.09	55.1	0.6	<0.05	14.5	20.44	27.8	0.03	1	0.7	30.0	<10	<2
1830512	Drill Core	<0.1	0.03	4.3	6.87	<0.1	0.31	0.09	31.9	0.5	<0.05	11.5	9.39	44.5	<0.02	1	0.7	19.1	<10	<2
1830513	Drill Core	<0.1	<0.02	3.1	4.13	<0.1	0.22	0.07	21.5	0.3	<0.05	9.1	8.52	42.1	<0.02	<1	0.3	13.7	<10	<2
1830514	Drill Core	<0.1	<0.02	2.7	3.42	<0.1	0.24	0.07	25.3	0.3	<0.05	9.8	6.06	39.8	<0.02	<1	0.4	13.1	<10	<2
1830515	Drill Core	<0.1	<0.02	2.4	3.00	<0.1	0.23	0.08	23.3	0.4	<0.05	9.4	7.22	32.6	<0.02	<1	0.3	11.8	<10	<2
1830516	Drill Core	<0.1	0.06	1.8	2.21	<0.1	0.13	0.06	17.1	0.3	<0.05	6.1	4.50	27.2	<0.02	<1	0.3	10.5	<10	2
1830517	Drill Core	<0.1	<0.02	0.4	0.32	<0.1	0.04	0.06	2.1	0.2	<0.05	1.0	0.86	3.2	<0.02	<1	0.1	3.1	<10	<2
1830518	Drill Core	<0.1	0.09	1.1	0.76	<0.1	0.04	0.07	8.0	0.2	<0.05	2.7	2.84	20.6	<0.02	<1	0.2	5.9	<10	<2
1830519	Drill Core	<0.1	0.03	3.3	1.74	<0.1	0.22	0.09	22.7	0.4	<0.05	6.9	9.31	43.0	<0.02	<1	0.5	17.1	<10	<2
1830520	Rock Pulp	0.4	0.17	4.3	0.60	<0.1	0.07	0.02	5.9	0.4	<0.05	1.3	2.93	8.5	<0.02	<1	<0.1	8.1	268	104
1830521	Drill Core	<0.1	0.04	3.6	1.33	<0.1	0.24	0.09	19.0	0.4	<0.05	8.3	9.81	41.9	<0.02	2	0.6	19.0	<10	<2
1830522	Drill Core	<0.1	0.04	3.0	1.26	<0.1	0.21	0.08	15.7	0.3	<0.05	6.5	7.16	30.4	<0.02	<1	0.5	14.8	<10	<2
1830523	Drill Core	0.3	0.04	3.1	1.88	<0.1	0.26	0.06	22.4	0.3	<0.05	10.2	5.81	26.8	0.02	<1	0.5	13.7	<10	<2
1830524	Drill Core	0.2	0.02	2.2	1.80	<0.1	0.23	<0.02	19.7	0.3	<0.05	8.5	3.64	22.1	<0.02	<1	0.4	9.4	<10	<2
1830525	Drill Core	<0.1	<0.02	3.1	3.24	<0.1	0.33	0.02	30.0	0.4	<0.05	10.0	4.35	35.2	<0.02	<1	0.4	12.8	<10	<2
1830526	Drill Core	<0.1	<0.02	2.5	2.23	<0.1	0.27	0.03	25.0	0.2	<0.05	9.1	3.49	28.9	<0.02	<1	0.3	9.1	<10	<2
1830527	Drill Core	<0.1	<0.02	3.9	3.26	<0.1	0.29	0.04	32.7	0.4	<0.05	9.9	7.07	39.0	<0.02	<1	0.4	12.4	<10	<2
1830528	Drill Core	<0.1	<0.02	4.8	3.15	<0.1	0.29	0.11	32.0	0.5	<0.05	8.9	7.86	38.9	<0.02	<1	0.5	12.4	<10	<2



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Project: LS
Report Date: July 20, 2019

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CERTIFICATE OF ANALYSIS

WHI19000101.1

Method	WGHT	M150	FA430	FS600	FS600	FS600	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
Analyte	Wgt	TotWt	-Au	TotAu	+Au	+Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	
Unit	kg	g	gm/t	gm/t	gm/t	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	
MDL	0.01	1	0.005	0.01	0.17	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	
1830529	Drill Core	4.56	428	0.006	<0.01	<0.17	42.46	0.70	11.45	16.21	34.6	184	6.5	4.6	518	1.30	3.3	1.3	0.7	13.8	66.1
1830531	Drill Core	4.64	443	0.006	<0.01	<0.17	27.34	0.66	10.95	25.24	18.2	268	3.9	2.9	199	0.74	3.2	1.9	0.2	14.7	36.2
1830532	Drill Core	5.35	421	0.006	<0.01	<0.17	47.48	0.50	10.65	11.61	22.7	192	8.0	3.6	188	1.01	7.1	2.0	0.9	14.9	20.8
1830533	Drill Core	4.97	411	0.006	<0.01	<0.17	36.35	0.52	23.55	19.32	53.1	569	9.5	5.9	341	1.99	6.2	2.0	<0.2	11.0	22.5
1830534	Drill Core	4.27	431	0.005	<0.01	<0.17	45.42	0.35	15.07	11.10	57.1	263	4.8	6.1	383	2.11	4.0	1.9	<0.2	10.4	24.6
1830535	Drill Core	4.97	458	0.006	<0.01	<0.17	43.40	0.27	11.25	12.85	62.7	157	6.5	6.6	406	1.96	5.2	1.9	<0.2	10.7	42.5
1830536	Drill Core	5.65	444	0.005	<0.01	<0.17	40.72	0.23	12.07	12.75	72.4	166	5.4	6.2	455	2.29	2.9	1.8	<0.2	9.7	35.7
1830537	Drill Core	4.91	422	0.005	<0.01	<0.17	32.30	0.23	15.64	16.25	59.7	179	4.4	5.7	416	2.13	1.7	1.8	<0.2	10.8	53.3
1830538	Drill Core	5.20	428	0.005	<0.01	<0.17	52.76	0.45	15.63	11.63	68.2	174	4.7	5.5	367	2.06	3.8	1.9	2.3	12.3	48.7
1830539	Drill Core	3.30	427	<0.005	<0.01	<0.17	50.98	0.85	10.98	19.64	68.4	212	11.0	9.0	365	2.23	4.9	1.9	0.2	11.8	68.1
1830540	Rock Pulp	0.12	97	0.015				2.20	89.44	3.39	33.6	115	4.3	8.2	363	2.51	0.9	0.8	4.3	2.9	59.0
1830541	Drill Core	3.69	426	0.050	0.05	<0.17	43.51	1.16	13.92	10.91	58.3	265	9.3	7.9	413	2.19	6.3	1.9	39.2	11.8	107.5
1830542	Drill Core	2.34	440	2.495	6.27	47.09	37.25	1.04	15.43	6.16	35.7	1210	7.4	6.6	256	1.92	9.7	1.5	2746.4	12.2	44.0
1830543	Drill Core	5.08	459	0.019	0.02	<0.17	46.09	0.91	14.63	16.12	47.3	210	10.2	7.4	309	1.86	7.9	2.1	7.4	13.0	59.1
1830544	Drill Core	5.12	447	0.013	0.01	<0.17	44.92	1.27	17.80	13.60	48.1	287	11.1	7.8	335	2.08	7.4	2.9	5.0	12.2	97.3
1830545	Drill Core	2.52	413	0.135	0.12	<0.17	43.33	0.61	32.78	13.50	58.3	611	6.6	5.4	230	1.80	5.9	1.5	91.8	10.3	53.4
1830546	Drill Core	5.10	444	0.007	<0.01	<0.17	35.58	0.97	16.25	17.18	81.7	231	12.9	8.1	332	2.38	5.4	2.6	4.5	11.2	53.0
1830547	Drill Core	3.08	419	0.006	<0.01	<0.17	47.41	0.82	28.14	24.75	102.0	303	13.7	8.3	451	2.96	7.3	2.2	3.2	10.9	52.2
1830548	Drill Core	3.32	453	0.006	<0.01	<0.17	41.64	1.00	18.96	12.98	73.1	203	11.5	7.9	461	2.53	4.6	1.8	1.6	10.3	98.0
1830549	Drill Core	4.94	430	0.006	<0.01	<0.17	50.04	1.36	15.00	12.75	68.1	232	12.5	8.4	384	2.58	7.8	2.3	1.6	10.5	78.0
1830550	Drill Core	2.63	445	0.007	<0.01	<0.17	36.35	1.16	16.26	9.14	57.6	217	13.4	9.1	226	2.39	5.8	2.4	1.8	11.1	45.1
1830551	Drill Core	3.51	394	0.007	<0.01	<0.17	33.34	1.36	19.01	10.05	60.0	288	13.9	9.8	308	2.59	9.1	2.3	0.6	10.3	41.5
1830552	Drill Core	2.22	397	0.007	<0.01	<0.17	45.48	1.37	11.86	11.84	44.6	285	7.7	5.6	370	1.96	14.4	1.6	<0.2	7.5	54.4
1830553	Drill Core	4.88	445	<0.005	<0.01	<0.17	46.89	1.23	15.88	13.57	64.7	194	12.4	7.7	422	2.37	4.5	2.4	<0.2	9.4	58.2
1830554	Drill Core	5.05	410	0.005	<0.01	<0.17	32.60	1.52	15.66	13.12	70.7	174	13.0	8.7	485	2.57	4.0	2.5	1.6	11.7	63.4
1830555	Drill Core	4.08	382	<0.005	<0.01	<0.17	45.51	2.10	14.37	13.75	60.9	223	12.0	8.6	308	2.22	4.1	2.0	2.1	11.7	63.9
1830556	Drill Core	2.56	404	1.152	1.34	3.06	39.26	1.04	12.09	7.50	46.5	542	9.2	7.5	233	1.95	10.4	2.0	1054.1	9.4	43.7
1830557	Drill Core	3.15	427	0.724	0.69	0.44	45.12	1.09	34.81	14.11	52.7	2107	8.3	6.9	269	1.86	8.1	1.8	466.8	10.3	62.3
1830558	Drill Core	2.29	452	0.483	0.53	0.98	39.64	1.58	29.43	8.23	49.9	2639	8.2	6.7	335	1.94	11.8	1.9	910.8	10.4	55.7
1830559	Drill Core	4.71	523	0.014	0.01	<0.17	44.93	1.91	24.36	12.03	62.9	505	10.8	9.1	360	2.27	4.5	2.7	11.8	12.2	98.7



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CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251			
					Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
					ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
					0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
1830529	Drill Core																							
1830531	Drill Core																							
1830532	Drill Core																							
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1830537	Drill Core																							
1830538	Drill Core																							
1830539	Drill Core																							
1830540	Rock Pulp																							
1830541	Drill Core																							
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Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA530
Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	-Au
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm
MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.9
1830529	Drill Core	<0.1	0.03	2.7	2.58	<0.1	0.25	0.10	25.7	0.4	<0.05	8.1	8.06	49.4	<0.02	<1	0.3	8.6	<10	<2
1830531	Drill Core	<0.1	0.02	2.5	0.82	<0.1	0.05	0.24	14.5	0.7	<0.05	2.0	12.26	48.9	<0.02	<1	0.3	5.4	<10	<2
1830532	Drill Core	<0.1	<0.02	3.7	1.37	<0.1	0.08	0.24	17.6	0.7	<0.05	2.3	13.07	43.1	0.03	<1	0.3	8.0	<10	<2
1830533	Drill Core	0.4	0.03	4.6	4.56	<0.1	0.11	0.21	31.9	0.9	<0.05	3.1	11.33	36.8	0.02	<1	0.6	12.5	<10	<2
1830534	Drill Core	<0.1	0.03	5.0	4.90	<0.1	0.06	0.27	34.4	0.8	<0.05	1.7	10.43	33.0	<0.02	<1	0.7	14.2	<10	<2
1830535	Drill Core	<0.1	<0.02	6.2	3.82	<0.1	0.07	0.29	34.3	0.8	<0.05	2.1	10.46	33.7	<0.02	<1	0.7	15.6	<10	<2
1830536	Drill Core	<0.1	<0.02	6.0	3.00	<0.1	0.07	0.20	21.6	0.8	<0.05	2.0	11.01	33.0	0.03	<1	0.7	13.8	<10	<2
1830537	Drill Core	<0.1	<0.02	5.4	3.13	<0.1	0.12	0.15	27.0	0.8	<0.05	1.6	12.40	38.9	0.03	<1	0.7	15.0	<10	<2
1830538	Drill Core	<0.1	<0.02	4.5	2.84	<0.1	0.06	0.11	25.3	0.6	<0.05	1.6	13.87	45.6	<0.02	<1	0.7	17.1	<10	<2
1830539	Drill Core	<0.1	<0.02	5.9	3.58	<0.1	0.08	0.17	30.2	0.7	<0.05	2.0	10.40	43.2	<0.02	<1	0.5	18.7	<10	<2
1830540	Rock Pulp	<0.1	<0.02	4.3	0.30	<0.1	0.07	0.08	6.4	0.2	<0.05	0.9	3.96	13.2	<0.02	<1	<0.1	6.0	<10	<2
1830541	Drill Core	<0.1	0.02	4.6	3.96	<0.1	0.09	0.10	36.3	0.4	<0.05	1.3	11.61	40.7	<0.02	<1	0.5	17.9	<10	<2
1830542	Drill Core	<0.1	0.02	3.2	3.11	<0.1	0.03	0.06	28.0	0.4	<0.05	1.3	6.72	48.1	<0.02	<1	0.5	10.3	<10	<2
1830543	Drill Core	0.3	<0.02	3.3	3.75	<0.1	0.06	0.09	33.4	0.4	<0.05	1.3	8.24	41.5	<0.02	2	0.4	12.1	<10	<2
1830544	Drill Core	0.2	<0.02	3.8	4.88	<0.1	0.08	0.06	36.5	0.4	<0.05	1.5	9.42	37.2	0.02	5	0.5	13.2	<10	<2
1830545	Drill Core	<0.1	<0.02	5.0	2.46	<0.1	0.06	0.11	23.5	0.4	<0.05	1.5	8.83	40.1	<0.02	<1	0.5	13.5	12	<2
1830546	Drill Core	<0.1	<0.02	7.2	2.11	<0.1	0.10	0.19	21.3	0.8	<0.05	1.9	13.15	45.2	0.03	1	0.8	25.3	<10	<2
1830547	Drill Core	0.1	<0.02	6.9	0.96	<0.1	0.07	0.19	14.8	0.6	<0.05	1.2	13.02	42.1	0.02	<1	0.5	22.6	<10	2
1830548	Drill Core	0.2	<0.02	5.5	1.00	<0.1	0.08	0.22	12.1	0.6	<0.05	1.4	13.27	45.8	0.03	<1	0.4	14.9	<10	<2
1830549	Drill Core	0.2	0.02	5.7	2.88	<0.1	0.07	0.05	20.4	0.6	<0.05	1.4	16.09	50.4	0.04	<1	0.4	21.7	<10	<2
1830550	Drill Core	0.2	<0.02	5.1	2.85	<0.1	0.09	0.09	20.4	0.6	<0.05	2.2	13.54	51.3	0.03	1	0.6	16.0	<10	<2
1830551	Drill Core	0.1	<0.02	4.5	2.95	<0.1	0.11	0.06	21.0	0.4	<0.05	3.0	15.81	50.2	0.04	<1	0.4	20.5	<10	<2
1830552	Drill Core	<0.1	0.02	3.1	2.16	<0.1	0.06	0.07	14.2	0.3	<0.05	1.3	10.01	33.2	0.03	<1	0.3	14.2	<10	<2
1830553	Drill Core	0.4	<0.02	6.4	1.87	<0.1	0.08	0.14	17.9	0.5	<0.05	1.6	14.30	44.2	<0.02	<1	0.3	22.9	<10	<2
1830554	Drill Core	0.3	<0.02	5.4	1.70	<0.1	0.03	0.12	16.1	0.3	<0.05	0.8	11.63	34.4	0.03	<1	0.4	21.6	<10	<2
1830555	Drill Core	0.1	<0.02	5.5	2.09	<0.1	0.05	0.04	19.6	0.4	<0.05	1.1	15.48	42.0	<0.02	<1	0.5	22.1	<10	<2
1830556	Drill Core	0.2	<0.02	3.0	1.04	<0.1	<0.02	<0.02	14.0	0.2	<0.05	0.7	10.59	39.5	<0.02	<1	0.4	11.9	<10	<2
1830557	Drill Core	0.2	<0.02	3.2	1.79	<0.1	<0.02	<0.02	14.7	0.2	<0.05	0.9	8.89	44.9	<0.02	<1	0.4	13.8	<10	<2
1830558	Drill Core	0.1	<0.02	3.3	2.41	<0.1	0.03	0.02	21.3	0.3	<0.05	0.8	7.77	34.6	<0.02	<1	0.4	10.3	<10	<2
1830559	Drill Core	0.3	<0.02	3.8	3.27	<0.1	0.05	<0.02	22.4	0.3	<0.05	0.7	10.60	34.8	0.02	<1	0.4	12.7	<10	<2



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CERTIFICATE OF ANALYSIS

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	Method	WGHT	M150	FA430	FS600	FS600	FS600	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	TotWt	-Au	TotAu	+Au	+Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
	Unit	kg	g	gm/t	gm/t	gm/t	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
	MDL	0.01	1	0.005	0.01	0.17	0.01	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1
1830560	Core DUP		441	0.018	0.02	<0.17	50.04	1.84	23.81	11.62	58.2	488	10.7	9.1	353	2.25	4.5	2.7	8.3	11.7	95.5
1830561	Drill Core	5.36	488	0.006	<0.01	<0.17	45.39	0.99	17.35	13.70	53.6	282	9.9	8.0	298	2.02	3.8	2.0	1.2	10.3	87.8
1830562	Drill Core	4.08	372	0.245	0.29	0.84	30.88	0.96	12.00	9.97	46.0	320	8.7	6.5	293	1.94	10.3	1.9	188.3	10.1	52.5
1830563	Drill Core	2.59	463	0.123	0.12	<0.17	51.47	0.71	5.24	7.22	31.4	327	4.6	4.9	232	1.31	40.8	1.6	115.7	12.3	40.8



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CERTIFICATE OF ANALYSIS

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	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
1830560	Core DUP	0.40	1.08	0.06	14	2.24	0.069	16.9	16.8	0.80	312.6	0.015	<1	1.24	0.012	0.51	0.2	4.3	0.17	0.13	10
1830561	Drill Core	0.27	0.90	0.07	16	1.71	0.064	18.9	17.9	0.74	306.4	0.016	<1	1.14	0.018	0.44	0.1	4.4	0.13	0.03	10
1830562	Drill Core	0.35	1.03	0.07	13	1.07	0.059	19.5	14.3	0.60	322.6	0.021	<1	0.96	0.029	0.51	0.2	4.3	0.15	<0.02	7
1830563	Drill Core	0.36	0.84	0.09	7	0.71	0.057	24.1	8.1	0.40	387.4	0.008	<1	0.74	0.018	0.48	0.2	3.2	0.14	<0.02	17



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CERTIFICATE OF ANALYSIS

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Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA530
Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	-Au
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm
MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.9
1830560	Core DUP	<0.1	<0.02	3.8	3.24	<0.1	0.02	<0.02	22.4	0.3	<0.05	0.7	10.23	34.2	0.03	<1	0.4	11.8	<10	<2
1830561	Drill Core	0.1	<0.02	4.0	2.00	<0.1	0.06	0.03	18.9	0.2	<0.05	1.0	10.42	37.7	<0.02	<1	0.4	12.7	<10	<2
1830562	Drill Core	<0.1	<0.02	3.0	2.64	<0.1	0.05	0.05	21.4	0.3	<0.05	1.1	7.59	38.3	0.03	<1	0.4	9.8	<10	<2
1830563	Drill Core	<0.1	<0.02	2.5	1.81	<0.1	0.04	0.04	19.7	0.2	<0.05	1.0	7.27	48.2	0.02	<1	0.3	7.4	<10	<2



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	Method	WGHT	M150	FA430	FS600	FS600	FS600	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
	Analyte	Wgt	TotWt	-Au	TotAu	+Au	+Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	
	Unit	kg	g	gm/t	gm/t	gm/t	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	
	MDL	0.01	1	0.005	0.01	0.17	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	
Pulp Duplicates																						
1830502	Drill Core	4.32	394	0.012	0.01	<0.17	28.76	0.72	10.65	6.99	55.1	260	10.5	6.8	357	1.82	5.7	0.9	5.5	10.1	31.6	
REP 1830502	QC							0.68	10.25	6.92	52.1	254	10.4	6.6	335	1.80	6.3	0.9	5.0	10.5	31.1	
1830534	Drill Core	4.27	431	0.005	<0.01	<0.17	45.42	0.35	15.07	11.10	57.1	263	4.8	6.1	383	2.11	4.0	1.9	<0.2	10.4	24.6	
REP 1830534	QC			<0.005																		
1830537	Drill Core	4.91	422	0.005	<0.01	<0.17	32.30	0.23	15.64	16.25	59.7	179	4.4	5.7	416	2.13	1.7	1.8	<0.2	10.8	53.3	
REP 1830537	QC							0.24	14.96	16.00	59.4	189	4.5	5.8	431	2.14	1.3	1.7	<0.2	10.8	53.3	
1830538	Drill Core	5.20	428	0.005	<0.01	<0.17	52.76	0.45	15.63	11.63	68.2	174	4.7	5.5	367	2.06	3.8	1.9	2.3	12.3	48.7	
REP 1830538	QC			<0.005																		
Core Reject Duplicates																						
1830518	Drill Core	1.89	410	>10	26.07	108.02	35.02	0.61	17.86	2.84	16.3	6988	3.5	2.4	229	1.07	1.7	0.5	31330.7	4.0	9.6	
DUP 1830518	QC		411	>10	36.99	258.12	24.69	0.69	17.40	2.85	16.1	10774	3.5	2.5	226	1.08	2.0	0.5	45575.2	6.1	9.1	
1830553	Drill Core	4.88	445	<0.005	<0.01	<0.17	46.89	1.23	15.88	13.57	64.7	194	12.4	7.7	422	2.37	4.5	2.4	<0.2	9.4	58.2	
DUP 1830553	QC		516	<0.005	<0.01	<0.17	49.59	1.17	15.59	13.44	65.5	199	12.4	8.1	424	2.35	4.6	2.4	<0.2	9.3	58.4	
Reference Materials																						
STD AGPROOF	Standard																					
STD BVGEO01	Standard							10.51	4443.86	186.45	1751.8	2544	159.6	24.4	733	3.76	116.5	3.8	214.5	17.0	52.3	
STD DS11	Standard							13.02	141.64	129.33	315.7	1662	76.3	12.6	936	2.94	42.3	2.5	97.7	7.5	62.9	
STD DS11	Standard							13.99	146.10	130.95	326.3	1611	73.1	12.9	966	2.95	39.3	2.4	66.8	8.4	57.0	
STD OREAS262	Standard							0.59	115.54	55.34	149.8	464	62.4	26.1	526	3.17	36.0	1.2	68.2	9.1	35.7	
STD OREAS262	Standard							0.66	112.00	56.89	146.7	462	63.1	27.2	551	3.28	36.4	1.2	64.8	9.1	33.7	
STD OREAS262	Standard							0.69	113.50	55.53	146.6	448	58.3	25.0	496	3.07	33.6	1.2	70.7	9.8	30.9	
STD OXC145	Standard	0.225																				
STD OXH139	Standard	1.368																				
STD OXN134	Standard	7.779																				
STD OXQ114	Standard																					
STD OXQ90	Standard	25.33						29.14														
STD OXQ90	Standard	25.25						29.54														
STD OXQ90	Standard	25.33						29.88														



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	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
		Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
		ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
		0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
Pulp Duplicates																					
1830502	Drill Core	0.26	0.47	0.11	12	0.74	0.060	28.6	10.7	0.76	261.7	0.004	2	1.13	0.026	0.36	0.2	4.3	0.11	<0.02	<5
REP 1830502	QC	0.29	0.48	0.12	12	0.73	0.060	28.3	10.4	0.75	251.7	0.004	2	1.13	0.026	0.35	0.2	4.2	0.11	<0.02	<5
1830534	Drill Core	0.26	1.74	0.19	22	0.51	0.060	16.7	23.3	0.68	271.0	0.087	1	1.22	0.040	0.58	1.8	5.0	0.34	<0.02	35
REP 1830534	QC																				
1830537	Drill Core	0.28	0.81	0.12	22	1.44	0.063	19.7	21.7	0.79	268.9	0.056	2	1.38	0.029	0.53	0.5	5.8	0.23	<0.02	12
REP 1830537	QC	0.27	0.82	0.11	22	1.43	0.061	20.1	21.7	0.80	261.9	0.055	1	1.40	0.031	0.53	0.4	5.5	0.23	<0.02	16
1830538	Drill Core	0.29	1.00	0.28	18	1.26	0.062	22.8	18.2	0.69	305.3	0.059	2	1.23	0.024	0.53	0.7	5.3	0.20	<0.02	10
REP 1830538	QC																				
Core Reject Duplicates																					
1830518	Drill Core	0.19	0.76	0.02	2	0.11	0.016	11.2	5.1	0.20	145.4	0.007	1	0.39	0.011	0.22	0.2	1.6	0.07	<0.02	21
DUP 1830518	QC	0.21	0.73	0.03	3	0.11	0.014	11.1	5.5	0.20	163.2	0.006	2	0.43	0.014	0.25	0.2	1.3	0.06	<0.02	17
1830553	Drill Core	0.35	1.53	0.10	24	1.65	0.063	22.3	27.6	0.91	195.6	0.063	2	1.57	0.034	0.36	0.4	4.9	0.14	0.08	10
DUP 1830553	QC	0.37	1.44	0.11	23	1.65	0.063	22.3	28.0	0.92	191.5	0.060	2	1.58	0.035	0.36	0.4	4.9	0.14	0.08	19
Reference Materials																					
STD AGPROOF	Standard																				
STD BVGEO01	Standard	6.23	3.29	23.17	77	1.35	0.069	25.0	186.2	1.27	270.5	0.205	4	2.30	0.199	0.90	4.9	6.3	0.63	0.68	90
STD DS11	Standard	2.40	8.70	11.43	47	1.00	0.066	16.2	53.3	0.81	342.3	0.083	8	1.10	0.065	0.38	3.0	2.8	4.68	0.27	277
STD DS11	Standard	2.17	7.91	10.26	48	1.03	0.065	16.2	54.8	0.79	333.2	0.074	6	1.11	0.068	0.39	2.7	2.8	4.72	0.28	274
STD OREAS262	Standard	0.64	5.54	1.01	21	2.87	0.038	14.4	39.3	1.15	238.8	0.003	4	1.28	0.064	0.28	0.2	3.3	0.44	0.26	169
STD OREAS262	Standard	0.69	5.48	1.00	23	2.94	0.038	15.8	43.4	1.16	256.6	0.002	4	1.37	0.068	0.33	0.2	3.4	0.49	0.26	147
STD OREAS262	Standard	0.62	5.66	0.89	21	2.79	0.036	13.7	39.3	1.10	235.3	0.002	2	1.21	0.064	0.30	0.2	3.0	0.46	0.25	174
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXN134	Standard																				
STD OXQ114	Standard																				
STD OXQ90	Standard																				
STD OXQ90	Standard																				
STD OXQ90	Standard																				



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Method Analyte Unit MDL		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA530
		Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates																				
1830502	Drill Core	<0.1	<0.02	3.7	3.24	<0.1	0.13	0.03	15.5	0.3	<0.05	6.6	7.54	54.9	0.02	2	0.5	15.4	<10	<2
REP 1830502	QC	<0.1	<0.02	3.4	3.22	<0.1	0.16	<0.02	15.1	0.3	<0.05	7.5	7.19	52.6	<0.02	<1	0.4	15.3	<10	<2
1830534	Drill Core	<0.1	0.03	5.0	4.90	<0.1	0.06	0.27	34.4	0.8	<0.05	1.7	10.43	33.0	<0.02	<1	0.7	14.2	<10	<2
REP 1830534	QC																			
1830537	Drill Core	<0.1	<0.02	5.4	3.13	<0.1	0.12	0.15	27.0	0.8	<0.05	1.6	12.40	38.9	0.03	<1	0.7	15.0	<10	<2
REP 1830537	QC	<0.1	<0.02	5.3	3.00	<0.1	0.05	0.15	26.9	0.7	<0.05	1.6	12.24	39.8	0.03	<1	0.5	14.6	<10	<2
1830538	Drill Core	<0.1	<0.02	4.5	2.84	<0.1	0.06	0.11	25.3	0.6	<0.05	1.6	13.87	45.6	<0.02	<1	0.7	17.1	<10	<2
REP 1830538	QC																			
Core Reject Duplicates																				
1830518	Drill Core	<0.1	0.09	1.1	0.76	<0.1	0.04	0.07	8.0	0.2	<0.05	2.7	2.84	20.6	<0.02	<1	0.2	5.9	<10	<2
DUP 1830518	QC	<0.1	0.11	1.3	0.78	<0.1	0.05	0.07	9.1	0.4	<0.05	1.7	2.91	22.1	<0.02	<1	0.2	6.2	<10	<2
1830553	Drill Core	0.4	<0.02	6.4	1.87	<0.1	0.08	0.14	17.9	0.5	<0.05	1.6	14.30	44.2	<0.02	<1	0.3	22.9	<10	<2
DUP 1830553	QC	0.4	<0.02	6.4	1.82	<0.1	0.18	0.13	17.8	0.5	<0.05	1.6	13.97	44.1	0.02	<1	0.4	22.9	<10	<2
Reference Materials																				
STD AGPROOF	Standard																			<0.9
STD BVGEO01	Standard	4.7	1.00	7.2	7.28	0.2	0.30	0.28	95.0	5.4	<0.05	6.6	13.40	51.5	0.41	6	0.7	20.2	147	188
STD DS11	Standard	1.7	4.25	4.5	2.78	<0.1	0.07	1.37	31.1	1.6	<0.05	2.6	7.11	32.2	0.21	47	0.6	22.1	103	167
STD DS11	Standard	2.0	4.60	4.8	2.87	<0.1	0.05	1.26	32.5	1.7	<0.05	2.2	7.16	34.2	0.25	48	0.7	21.5	107	149
STD OREAS262	Standard	<0.1	0.19	3.8	2.80	<0.1	0.21	<0.02	17.0	0.5	<0.05	10.7	10.39	28.9	0.03	3	1.1	17.2	<10	4
STD OREAS262	Standard	0.3	0.25	4.2	2.97	<0.1	0.29	<0.02	19.8	0.5	<0.05	9.4	10.33	33.3	0.03	<1	1.0	17.2	<10	<2
STD OREAS262	Standard	0.4	0.26	3.9	3.08	<0.1	0.25	<0.02	18.2	0.5	<0.05	6.2	9.83	28.9	0.03	<1	1.1	17.0	<10	<2
STD OXC145	Standard																			
STD OXH139	Standard																			
STD OXN134	Standard																			
STD OXQ114	Standard																			35.4
STD OXQ90	Standard																			
STD OXQ90	Standard																			
STD OXQ90	Standard																			



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QUALITY CONTROL REPORT

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		WGHT	M150	FA430	FS600	FS600	FS600	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	TotWt	-Au	TotAu	+Au	+Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
		kg	g	gm/t	gm/t	gm/t	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
		0.01	1	0.005	0.01	0.17	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
STD OXQ90	Standard					25.16	30.21														
STD OXQ90	Standard					25.36	29.50														
STD OXQ90	Standard					25.20	29.92														
STD SP49	Standard																				
STD OXQ90 Expected						24.88															
STD BVGEO01 Expected								11.2	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55
STD DS11 Expected								14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3
STD OREAS262 Expected								0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36
BLK	Blank					<0.17	30.00														
BLK	Blank					<0.17	30.00														
BLK	Blank			<0.005																	
BLK	Blank			<0.005																	
BLK	Blank					<0.17	30.00														
BLK	Blank					<0.17	30.00														
BLK	Blank					<0.17	30.00														
BLK	Blank					<0.17	30.00														
BLK	Blank							<0.01	<0.01	<0.01	0.4	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5
BLK	Blank																				
BLK	Blank							<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5
BLK	Blank							<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5
Prep Wash																					
ROCK-WHI	Prep Blank		542	<0.005	<0.01	<0.17	48.26	0.85	2.43	1.23	27.3	7	0.6	3.3	440	1.77	1.1	0.4	<0.2	2.2	19.7
ROCK-WHI	Prep Blank		518	<0.005	<0.01	<0.17	48.40	0.76	1.46	1.03	26.2	8	0.6	3.2	425	1.75	0.8	0.4	<0.2	2.0	15.9



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Project: LS
Report Date: July 20, 2019

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		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
		ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
		0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
STD OXQ90	Standard																				
STD OXQ90	Standard																				
STD OXQ90	Standard																				
STD SP49	Standard																				
STD OXQ90 Expected																					
STD BVGEO01 Expected		6.5	3.39	25.6	73	1.3219	0.0727	25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	5.97	0.62	0.6655	100
STD DS11 Expected		2.37	8.74	12.2	50	1.063	0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260
STD OREAS262 Expected		0.61	5.06	1.03	22.5	2.98	0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	3.24	0.47	0.253	170
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5
BLK	Blank																				
BLK	Blank	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5
BLK	Blank	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5
Prep Wash																					
ROCK-WHI	Prep Blank	0.02	0.03	<0.02	22	0.57	0.038	5.5	2.0	0.43	58.2	0.070	2	0.89	0.095	0.09	<0.1	4.1	0.02	<0.02	<5
ROCK-WHI	Prep Blank	0.01	0.02	<0.02	23	0.54	0.039	5.1	1.6	0.44	45.8	0.059	1	0.78	0.061	0.07	<0.1	2.7	<0.02	<0.02	<5



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		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA530	
		Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	-Au
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm
		0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.9
STD OXQ90	Standard																				
STD OXQ90	Standard																				
STD OXQ90	Standard																				
STD SP49	Standard	18.4																			
STD OXQ90 Expected																					
STD BVGEO01 Expected		4.84	1.02	7.37	7.36	0.15	0.32	0.23	95	5.64		9.1	14.5	53	0.47	4	0.69	21.4	134	182	
STD DS11 Expected		2.2	4.56	5.1	2.88	0.08	0.06	1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67	23.3	100	172	
STD OREAS262 Expected		0.4	0.23	3.73	2.8		0.27		18.6	0.5		11.7	11.2	32	0.033		1.14	17.8			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.9																			
BLK	Blank	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
Prep Wash																					
ROCK-WHI	Prep Blank	<0.1	<0.02	3.3	0.17	<0.1	0.12	0.26	2.2	0.3	<0.05	3.3	7.68	11.1	<0.02	<1	0.1	1.8	<10	<2	
ROCK-WHI	Prep Blank	<0.1	<0.02	3.1	0.14	<0.1	0.12	0.17	1.7	0.3	<0.05	2.7	7.22	10.2	<0.02	<1	0.2	1.5	<10	<2	