



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: Midnight Mining
Box 31347
Whitehorse Yukon Y1A 5P7 Canada

Submitted By: Debbie James
Receiving Lab: Canada-Whitehorse
Received: September 26, 2016
Report Date: October 22, 2016
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI16000310.2

CLIENT JOB INFORMATION

Project: SPY
Shipment ID:
P.O. Number
Number of Samples: 40

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
RTRN-RJT Return 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
PRP70-250	40	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA130	40	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed	VAN
AQ270	40	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	40	Per sample shipping charges for branch shipments			VAN
FA350	3	50g lead collection fire assay analysis by ICP	50	Completed	VAN
EN002	3	Environmental disposal charge-Fire assay lead waste			VAN

ADDITIONAL COMMENTS

Version 2 : FA350-Pt Pd included.

Invoice To: Midnight Mining
Box 31347
Whitehorse Yukon Y1A 5P7
Canada

CC: Jean Pautler
Bill Harris
Graham Davidson



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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Page: 2 of 3

Part: 1 of 2

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Method Analyte Unit MDL	WGHT	FA130	FA130	FA130	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	
	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
	0.01	1	0.1	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	
615801	Rock	1.30	9	1.1	1.5	7.3	2242.3	7.2	76	1.0	18.4	159.3	565	21.19	<5	1.0	5.2	24	<0.5	2.1	0.7
615802	Rock	1.16	9	36.9	19.2	<0.5	123.9	1.5	46	<0.5	310.4	46.4	447	3.81	<5	<0.5	<0.5	13	<0.5	<0.5	<0.5
615803	Rock	1.37	8	20.0	35.9	<0.5	201.8	1.2	56	<0.5	1394.8	106.3	871	7.37	<5	<0.5	<0.5	45	<0.5	<0.5	<0.5
615804	Rock	0.82	2	0.2	0.6	1.1	14.9	15.4	108	<0.5	7.7	13.4	512	4.25	<5	0.7	2.4	32	<0.5	<0.5	<0.5
615805	Rock	2.08	8	16.5	31.6	<0.5	326.0	1.3	68	<0.5	1371.5	121.6	1132	8.51	<5	<0.5	<0.5	33	<0.5	<0.5	<0.5
615806	Rock	1.11	7	16.9	7.5	<0.5	86.8	1.9	72	<0.5	467.5	117.8	994	7.98	<5	<0.5	<0.5	26	<0.5	<0.5	<0.5
615807	Rock	1.56	1	0.2	<0.5	0.8	15.2	4.6	78	<0.5	11.6	14.4	544	4.20	<5	0.7	2.5	31	<0.5	<0.5	<0.5
615808	Rock	1.21	3	5.7	8.2	<0.5	61.0	2.4	42	<0.5	74.0	23.9	409	3.54	<5	<0.5	<0.5	15	<0.5	<0.5	<0.5
615809	Rock	2.45	3	14.7	6.2	<0.5	80.4	1.7	83	<0.5	503.1	116.5	1261	8.44	<5	<0.5	<0.5	43	<0.5	<0.5	<0.5
615810	Rock	1.94	10	8.4	38.9	<0.5	583.8	2.0	42	<0.5	145.9	41.3	300	4.57	<5	<0.5	<0.5	58	<0.5	<0.5	<0.5
615811	Rock	2.51	5	7.5	7.2	0.6	152.3	2.5	34	<0.5	27.2	28.5	315	4.82	<5	<0.5	<0.5	10	<0.5	<0.5	<0.5
615812	Rock	1.47	10	2.4	4.1	1.1	880.9	30.5	67	6.1	98.7	123.3	795	33.89	<5	2.8	0.8	45	<0.5	0.7	0.8
615813	Rock	2.54	28	316.1	616.7	1.7	1254.0	7.6	24	0.6	564.5	62.4	313	11.41	<5	<0.5	1.3	33	<0.5	1.4	<0.5
615814	Rock	1.07	3	1.6	4.8	0.6	94.4	1.7	11	<0.5	41.2	9.3	309	2.70	20	<0.5	3.1	16	<0.5	1.6	<0.5
615815	Rock	2.15	70	549.1	665.7	2.5	4900.6	8.1	93	1.9	2645.3	191.6	530	10.28	<5	<0.5	1.6	14	<0.5	1.8	<0.5
615816	Rock	2.99	15	3.0	6.1	2.0	6025.0	30.7	69	4.2	85.4	250.0	429	34.82	<5	1.4	1.1	17	<0.5	0.5	1.1
615817	Rock	1.80	24	111.1	216.2	<0.5	756.3	3.2	62	0.7	2108.8	143.5	1006	8.53	<5	<0.5	<0.5	26	<0.5	<0.5	<0.5
615818	Rock	1.24	570	253.0	320.6	0.8	8882.2	11.5	47	5.8	496.5	33.6	550	6.81	6	0.9	3.4	13	<0.5	0.6	<0.5
1501251	Rock	0.73	20	73.8	130.5	<0.5	791.1	4.0	63	1.1	2108.2	161.6	1061	8.78	<5	<0.5	<0.5	6	<0.5	<0.5	<0.5
1501252	Rock	0.96	4	0.9	1.9	0.8	67.4	26.2	104	1.7	29.0	22.9	411	6.10	17	<0.5	0.7	13	<0.5	0.9	<0.5
1501253	Rock	0.85	4	1.1	2.3	1.3	258.1	43.1	100	<0.5	32.1	11.2	928	3.64	8	<0.5	2.2	35	0.6	<0.5	<0.5
1501265	Rock	1.12	75	>1000	909.7	7.0	1694.1	5.1	59	<0.5	1367.3	74.0	479	4.00	19	0.9	2.8	14	<0.5	2.2	<0.5
1501266	Rock	1.29	44	126.9	234.2	0.6	507.1	3.5	80	1.7	1041.8	106.7	962	8.33	<5	<0.5	<0.5	37	<0.5	<0.5	<0.5
1353661	Rock	1.29	35	151.9	284.9	<0.5	1086.1	3.9	89	1.1	2168.3	115.0	733	6.93	<5	<0.5	<0.5	59	<0.5	<0.5	<0.5
1353662	Rock	1.76	308	>1000	627.4	0.7	8150.4	3.1	68	2.6	1484.0	125.3	449	7.49	<5	<0.5	<0.5	36	<0.5	0.6	<0.5
1353663	Rock	0.84	23	83.4	137.9	<0.5	729.6	2.9	68	0.8	2241.9	157.8	1050	8.71	<5	<0.5	<0.5	6	<0.5	<0.5	<0.5
1353664	Rock	1.33	21	100.7	193.2	<0.5	483.8	2.3	66	0.7	2413.8	162.7	1139	8.37	<5	<0.5	<0.5	30	<0.5	<0.5	<0.5
1353665	Rock	1.51	3	1.8	3.0	2.7	250.8	9.3	690	<0.5	24.3	16.6	738	10.53	<5	0.7	1.7	36	1.6	<0.5	<0.5
1353666	Rock	0.68	38	128.3	165.4	<0.5	639.7	3.8	76	0.7	1033.7	133.6	1017	8.89	<5	<0.5	<0.5	51	<0.5	<0.5	<0.5
1353667	Rock	1.23	13	7.7	5.9	0.6	108.2	8.5	75	<0.5	32.3	26.5	461	4.59	<5	<0.5	0.7	35	<0.5	0.5	<0.5



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Page: 2 of 3

Part: 2 of 2

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Method	Analyte	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	FA350	FA350	
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pt	Pd
Unit		ppm	%	%	ppm	ppm	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppb	
MDL		10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.05	0.05	0.5	0.05	5	2	3	2	
615801	Rock	82	0.85	0.221	22.3	9.2	1.44	234	0.273	2.93	0.06	0.26	<0.5	0.07	5.2	<0.5	6.72	18	67		
615802	Rock	37	0.77	0.023	2.1	434.1	4.46	63	0.107	2.06	0.02	0.13	<0.5	<0.05	5.4	<0.5	<0.05	<5	<2		
615803	Rock	18	0.79	0.022	2.6	226.7	13.54	58	0.071	1.89	0.10	0.12	<0.5	0.06	6.2	<0.5	0.05	<5	<2		
615804	Rock	101	1.06	0.088	13.4	23.3	1.58	132	0.338	1.96	0.12	0.18	<0.5	<0.05	6.5	<0.5	<0.05	8	<2		
615805	Rock	12	0.63	0.015	1.7	184.3	16.78	42	0.048	1.44	0.07	0.09	<0.5	<0.05	8.4	<0.5	0.10	<5	<2		
615806	Rock	36	0.58	0.028	3.7	355.0	12.65	123	0.114	2.02	0.05	0.27	<0.5	<0.05	6.5	<0.5	<0.05	5	<2		
615807	Rock	105	1.10	0.080	11.8	71.5	1.78	141	0.299	2.13	0.14	0.19	<0.5	<0.05	7.7	<0.5	<0.05	8	<2		
615808	Rock	54	2.80	0.019	1.5	29.4	1.65	49	0.102	3.18	0.09	0.07	<0.5	<0.05	2.3	<0.5	<0.05	6	<2		
615809	Rock	20	0.52	0.024	2.0	222.4	15.13	74	0.084	1.59	0.06	0.22	<0.5	0.05	6.5	<0.5	<0.05	<5	<2		
615810	Rock	61	1.52	0.025	1.8	30.9	1.63	82	0.132	3.04	0.27	0.15	<0.5	<0.05	4.7	<0.5	0.40	7	<2		
615811	Rock	66	3.63	0.059	4.8	8.9	0.75	46	0.278	2.88	0.05	0.06	<0.5	0.06	3.8	<0.5	1.66	12	6		
615812	Rock	52	4.20	1.835	48.1	25.8	2.66	23	0.019	2.60	<0.01	<0.01	1.9	<0.05	6.4	<0.5	20.59	12	61		
615813	Rock	66	1.66	0.058	4.8	466.2	2.14	78	0.308	2.78	0.12	0.06	<0.5	0.13	4.8	<0.5	1.74	8	12		
615814	Rock	128	0.95	0.066	19.4	34.7	0.63	41	0.007	0.69	0.11	0.04	<0.5	<0.05	9.0	<0.5	<0.05	<5	<2		
615815	Rock	81	1.48	0.166	14.3	194.5	2.20	65	0.147	2.46	0.06	0.06	<0.5	0.09	6.2	0.6	5.01	10	14		
615816	Rock	74	1.12	0.476	23.7	46.3	2.00	120	0.016	2.09	<0.01	0.10	<0.5	<0.05	5.5	<0.5	20.89	11	112		
615817	Rock	15	0.73	0.027	2.2	163.4	14.82	37	0.044	1.66	0.05	0.08	<0.5	0.06	5.6	<0.5	0.86	<5	4		
615818	Rock	112	1.83	0.158	21.8	42.7	1.49	75	0.216	2.62	0.08	0.07	<0.5	0.10	9.6	<0.5	0.96	12	7		
1501251	Rock	25	0.29	0.021	1.5	270.0	18.15	16	0.045	1.48	<0.01	0.03	<0.5	0.05	8.1	<0.5	0.75	<5	2		
1501252	Rock	172	0.84	0.050	9.7	124.0	1.54	42	0.241	1.81	0.14	0.05	<0.5	0.17	13.8	<0.5	1.25	8	7		
1501253	Rock	120	3.97	0.062	14.1	51.1	1.22	106	0.010	1.73	0.09	0.07	<0.5	0.10	7.9	<0.5	<0.05	9	<2		
1501265	Rock	116	1.52	0.133	17.0	39.3	0.95	98	0.126	1.36	0.10	0.07	<0.5	<0.05	8.0	<0.5	0.36	9	4	1193	914
1501266	Rock	37	0.80	0.014	1.6	470.7	9.43	33	0.068	1.89	0.10	0.10	<0.5	0.13	6.1	<0.5	1.34	<5	3		
1353661	Rock	43	1.20	0.025	2.7	282.2	7.33	74	0.089	2.66	0.16	0.15	<0.5	<0.05	5.9	<0.5	1.19	6	3		
1353662	Rock	81	1.27	0.047	3.6	370.1	4.09	86	0.202	3.37	0.12	0.13	<0.5	0.07	7.3	<0.5	1.00	9	14	1095	603
1353663	Rock	22	0.34	0.017	1.4	252.5	17.34	13	0.041	1.53	<0.01	0.03	<0.5	<0.05	7.5	<0.5	0.85	<5	4		
1353664	Rock	15	0.63	0.023	2.0	212.5	16.60	31	0.047	1.45	0.03	0.06	<0.5	<0.05	7.1	<0.5	0.67	<5	2		
1353665	Rock	177	1.05	0.304	23.2	43.3	1.57	56	0.289	2.44	0.11	0.05	<0.5	0.12	19.8	<0.5	0.90	14	8		
1353666	Rock	22	1.01	0.021	2.0	167.7	12.25	51	0.059	2.06	0.13	0.08	<0.5	<0.05	6.0	<0.5	1.09	<5	<2		
1353667	Rock	105	7.24	0.076	7.8	11.1	0.74	10	0.229	4.24	0.03	<0.01	<0.5	0.06	6.7	<0.5	1.10	15	<2		



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Page: 3 of 3

Part: 1 of 2

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Method	WGHT	FA130	FA130	FA130	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	
Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	1	0.1	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	
1353668	Rock	1.32	25	2.1	3.1	2.0	181.3	6.0	210	<0.5	117.4	18.0	3410	17.85	14	2.2	2.4	33	<0.5	<0.5	<0.5
1353669	Rock	0.98	9	4.1	8.7	15.5	99.5	7.4	244	1.8	88.5	11.9	268	4.22	10	1.4	2.6	76	4.7	4.8	<0.5
1353670	Rock	2.45	60	102.7	139.4	<0.5	2046.6	26.9	99	0.7	1263.3	162.7	1086	9.92	<5	<0.5	<0.5	57	<0.5	<0.5	<0.5
1353671	Rock	1.44	75	201.0	297.4	0.6	1441.1	10.6	97	1.5	1481.6	193.0	1019	11.27	<5	<0.5	<0.5	52	0.7	<0.5	1.0
1353672	Rock	1.44	39	185.3	322.3	<0.5	824.3	10.7	77	1.0	697.4	94.7	289	5.64	11	<0.5	0.9	23	<0.5	<0.5	<0.5
1353673	Rock	0.59	50	295.2	242.0	1.3	5122.3	10.4	83	1.8	469.4	43.1	264	3.97	6	<0.5	0.8	28	<0.5	1.3	<0.5
1353674	Rock	1.14	52	183.9	177.7	<0.5	1027.6	6.4	35	0.6	559.0	53.4	312	3.13	<5	<0.5	<0.5	88	<0.5	<0.5	<0.5
615819	Rock	1.71	6	18.2	29.9	<0.5	136.4	0.9	41	<0.5	983.4	88.7	1251	7.29	12	<0.5	<0.5	141	<0.5	<0.5	<0.5
615820	Rock	2.37	4	11.4	21.7	<0.5	149.7	0.8	47	<0.5	1087.6	97.3	1342	6.36	<5	<0.5	<0.5	126	<0.5	<0.5	<0.5
615821	Rock	1.08	14	526.2	>1000	2.2	3130.1	4.3	25	0.7	7635.9	275.7	209	6.33	<5	0.5	1.3	17	<0.5	1.4	<0.5



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Method	Analyte	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	FA350	FA350
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pt	Pd
Unit		ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppb	
MDL		10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.05	5	2	3	2	
1353668	Rock	95	0.81	0.079	18.4	41.1	1.92	164	0.132	2.89	0.03	0.06	0.6	<0.05	8.2	<0.5	4.15	10	10		
1353669	Rock	144	2.86	0.213	20.1	162.2	1.32	337	0.008	1.57	0.02	0.32	<0.5	0.26	6.3	0.6	3.04	5	28		
1353670	Rock	32	1.16	0.020	2.1	260.2	10.00	101	0.097	2.36	0.12	0.18	<0.5	<0.05	4.8	<0.5	1.56	<5	8		
1353671	Rock	35	0.98	0.009	1.7	144.9	10.60	65	0.071	1.86	0.14	0.13	<0.5	0.10	4.4	<0.5	2.76	<5	8		
1353672	Rock	63	2.90	0.034	4.3	535.9	3.62	13	0.180	3.32	0.01	0.06	<0.5	<0.05	2.4	<0.5	1.21	7	4		
1353673	Rock	58	1.18	0.051	7.1	129.4	1.36	74	0.257	1.56	0.13	0.15	<0.5	<0.05	2.6	<0.5	0.93	6	6		
1353674	Rock	18	1.80	0.016	2.2	85.3	2.30	408	0.078	1.89	0.05	0.06	<0.5	0.06	1.2	<0.5	0.53	<5	2		
615819	Rock	31	5.95	0.009	1.5	380.2	10.97	187	0.010	0.54	0.02	0.05	<0.5	0.17	10.6	<0.5	<0.05	<5	<2		
615820	Rock	28	5.91	0.012	1.6	343.6	10.40	248	0.021	0.88	0.05	0.16	<0.5	0.18	7.7	<0.5	<0.05	<5	<2		
615821	Rock	93	3.66	0.137	15.7	71.6	2.43	8	0.372	2.79	<0.01	<0.01	<0.5	0.06	5.5	<0.5	2.12	6	15	555	973



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Project: SPY
Report Date: October 22, 2016

Page: 1 of 2

Part: 1 of 2

QUALITY CONTROL REPORT

WHI16000310.2

Method	WGHT	FA130	FA130	FA130	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	
Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	
Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	1	0.1	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	
Pulp Duplicates																					
615806	Rock	1.11	7	16.9	7.5	<0.5	86.8	1.9	72	<0.5	467.5	117.8	994	7.98	<5	<0.5	<0.5	26	<0.5	<0.5	<0.5
REP 615806	QC					<0.5	93.3	1.9	75	<0.5	458.1	111.6	995	7.81	6	<0.5	0.5	28	<0.5	<0.5	<0.5
615807	Rock	1.56	1	0.2	<0.5	0.8	15.2	4.6	78	<0.5	11.6	14.4	544	4.20	<5	0.7	2.5	31	<0.5	<0.5	<0.5
REP 615807	QC		2	0.2	0.5																
1501265	Rock	1.12	75	>1000	909.7	7.0	1694.1	5.1	59	<0.5	1367.3	74.0	479	4.00	19	0.9	2.8	14	<0.5	2.2	<0.5
REP 1501265	QC		53	>1000	874.2																
1353666	Rock	0.68	38	128.3	165.4	<0.5	639.7	3.8	76	0.7	1033.7	133.6	1017	8.89	<5	<0.5	<0.5	51	<0.5	<0.5	<0.5
REP 1353666	QC		38	124.1	159.3																
1353672	Rock	1.44	39	185.3	322.3	<0.5	824.3	10.7	77	1.0	697.4	94.7	289	5.64	11	<0.5	0.9	23	<0.5	<0.5	<0.5
REP 1353672	QC		40	138.1	329.1	<0.5	815.3	10.8	78	1.0	699.8	93.4	292	5.63	11	<0.5	0.8	23	<0.5	<0.5	<0.5
Core Reject Duplicates																					
1501266	Rock	1.29	44	126.9	234.2	0.6	507.1	3.5	80	1.7	1041.8	106.7	962	8.33	<5	<0.5	<0.5	37	<0.5	<0.5	<0.5
DUP 1501266	QC		48	135.6	224.7	0.5	524.4	3.9	79	2.0	1060.3	106.5	989	8.66	<5	<0.5	<0.5	39	<0.5	<0.5	<0.5
Reference Materials																					
STD CDN-PGMS-19	Standard		260	113.5	489.5																
STD CDN-PGMS-19	Standard		232	114.7	463.8																
STD CDN-PGMS-19	Standard		223	104.7	442.6																
STD CDN-PGMS-19	Standard		235	108.2	481.5																
STD CDN-PGMS-23	Standard																				
STD GBM398-4-AR	Standard					917.8	3916.5	11816.8	5264	48.2	3896.1	1910.2	5390	3.92	7	0.6	0.7	13	8.4	7.5	12.9
STD GBM398-4-AR	Standard					900.8	3873.3	11459.3	5216	46.4	4207.2	1906.7	5141	3.90	7	0.7	0.8	12	8.4	7.0	12.2
STD OREAS927-AR	Standard					0.9	10690.1	218.3	724	4.7	28.5	28.6	1104	8.03	13	1.6	12.3	13	1.0	1.3	67.4
STD OREAS927-AR	Standard					1.0	10695.6	227.4	744	4.2	29.4	28.9	1088	8.13	12	1.7	12.7	13	1.0	1.4	65.9
STD GBM398-4-AR Expected						917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3
STD OREAS927-AR Expected						1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66
STD CDN-PGMS-19 Expected			230	108	476																
STD CDN-PGMS-23 Expected																					
BLK	Blank		1	0.1	0.6																



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Project: SPY
Report Date: October 22, 2016

Page: 1 of 2

Part: 2 of 2

QUALITY CONTROL REPORT

WHI16000310.2

Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	FA350	FA350	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pt	Pd	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppb	
MDL	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	3	2	
Pulp Duplicates																					
615806	Rock	36	0.58	0.028	3.7	355.0	12.65	123	0.114	2.02	0.05	0.27	<0.5	<0.05	6.5	<0.5	<0.05	5	<2		
REP 615806	QC	35	0.59	0.027	4.0	357.3	12.71	127	0.114	2.02	0.05	0.26	<0.5	0.05	5.4	<0.5	<0.05	5	<2		
615807	Rock	105	1.10	0.080	11.8	71.5	1.78	141	0.299	2.13	0.14	0.19	<0.5	<0.05	7.7	<0.5	<0.05	8	<2		
REP 615807	QC																				
1501265	Rock	116	1.52	0.133	17.0	39.3	0.95	98	0.126	1.36	0.10	0.07	<0.5	<0.05	8.0	<0.5	0.36	9	4	1193	914
REP 1501265	QC																			1245	926
1353666	Rock	22	1.01	0.021	2.0	167.7	12.25	51	0.059	2.06	0.13	0.08	<0.5	<0.05	6.0	<0.5	1.09	<5	<2		
REP 1353666	QC																				
1353672	Rock	63	2.90	0.034	4.3	535.9	3.62	13	0.180	3.32	0.01	0.06	<0.5	<0.05	2.4	<0.5	1.21	7	4		
REP 1353672	QC	64	2.89	0.035	4.5	543.8	3.63	14	0.185	3.37	0.01	0.06	<0.5	<0.05	2.5	<0.5	1.21	7	4		
Core Reject Duplicates																					
1501266	Rock	37	0.80	0.014	1.6	470.7	9.43	33	0.068	1.89	0.10	0.10	<0.5	0.13	6.1	<0.5	1.34	<5	3		
DUP 1501266	QC	38	0.84	0.017	1.7	458.6	9.68	35	0.070	1.94	0.10	0.10	<0.5	0.08	5.9	<0.5	1.32	<5	4		
Reference Materials																					
STD CDN-PGMS-19	Standard																				
STD CDN-PGMS-19	Standard																				
STD CDN-PGMS-19	Standard																				
STD CDN-PGMS-19	Standard																				
STD CDN-PGMS-23	Standard																			434	2006
STD GBM398-4-AR	Standard	30	0.34	0.016	2.8	1943.4	0.12	19	0.112	0.49	0.26	0.11	3.1	3.20	1.7	<0.5	0.94	<5	3		
STD GBM398-4-AR	Standard	18	0.30	0.021	2.5	1936.7	0.13	19	0.109	0.44	0.25	0.12	2.9	3.10	1.4	<0.5	0.91	<5	3		
STD OREAS927-AR	Standard	33	0.28	0.052	27.1	40.5	1.96	45	0.081	3.20	<0.01	0.25	5.1	0.13	4.1	<0.5	1.78	9	17		
STD OREAS927-AR	Standard	33	0.29	0.056	26.6	39.9	1.88	51	0.080	3.19	<0.01	0.29	5.0	0.11	4.7	<0.5	1.76	10	16		
STD GBM398-4-AR Expected		24	0.34	0.02	2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3		
STD OREAS927-AR Expected		34	0.3	0.054	26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5		
STD CDN-PGMS-19 Expected																					
STD CDN-PGMS-23 Expected																				456	2032
BLK	Blank																				



QUALITY CONTROL REPORT

WHI16000310.2

		WGHT	FA130	FA130	FA130	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	1	0.1	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
BLK	Blank		2	0.4	0.5																
BLK	Blank		2	0.2	0.6																
BLK	Blank					<0.5	0.9	1.3	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
BLK	Blank					<0.5	0.6	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
BLK	Blank		2	<0.1	<0.5																
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		<1	0.1	<0.5	0.9	3.9	3.9	34	<0.5	<0.5	3.4	471	1.96	<5	<0.5	2.1	24	<0.5	<0.5	0.6
ROCK-WHI	Prep Blank		3	0.1	<0.5	1.3	6.9	2.7	39	<0.5	1.1	3.5	479	1.90	<5	<0.5	2.2	34	<0.5	<0.5	<0.5



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Project: SPY
Report Date: October 22, 2016

Page: 2 of 2

Part: 2 of 2

QUALITY CONTROL REPORT

WHI16000310.2

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	FA350	FA350	
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pt	Pd
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppb
BLK	Blank	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	3	2
BLK	Blank																				
BLK	Blank	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank																				
BLK	Blank																			<3	<2
Prep Wash																					
ROCK-WHI	Prep Blank	24	0.62	0.044	5.6	2.9	0.40	65	0.103	1.01	0.16	0.11	<0.5	<0.05	3.4	<0.5	<0.05	<5	<2		
ROCK-WHI	Prep Blank	24	0.69	0.041	8.1	2.5	0.43	85	0.108	1.15	0.19	0.15	<0.5	<0.05	4.3	<0.5	<0.05	<5	<2		