



**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:** Longford Exploration Services Ltd.  
460-688 West Hastings St.  
Vancouver British Columbia V6B 1P1 Canada

Submitted By: James Rogers  
Receiving Lab: Canada-Whitehorse  
Received: August 24, 2018  
Report Date: January 24, 2019  
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# CERTIFICATE OF ANALYSIS

WHI18000743.1

## CLIENT JOB INFORMATION

Project: 2018-Ellen  
Shipment ID:  
P.O. Number  
Number of Samples: 42

## SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps  
PICKUP-RJT Client to Pickup Rejects

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	42	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA330	42	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	42	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	42	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	42	Per sample shipping charges for branch shipments			VAN
MA370	2	4-Acid Digestion ICP-ES Finish	0.5	Completed	VAN

## ADDITIONAL COMMENTS

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

Invoice To: Longford Exploration Services Ltd.  
460-688 West Hastings St.  
Vancouver British Columbia V6B 1P1  
Canada

CC: Vedran Pobric



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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# CERTIFICATE OF ANALYSIS

WHI18000743.1

Method	WGHT	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V		
Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	ppm		
1319608	Rock	1.39	10	<3	4	6	16	10	115	0.4	32	3	534	2.41	17	<2	9	<0.5	<3	<3	27	
1319609	Rock	1.59	4	<3	5	<1	73	3	40	<0.3	7	9	176	1.48	<2	<2	131	<0.5	<3	<3	23	
1319610	Rock	1.49	2	<3	8	<1	106	<3	29	0.5	11	10	285	2.30	3	<2	125	<0.5	<3	<3	51	
1319611	Rock	1.31	35	4	3	<1	>10000	<3	78	6.6	6	5	280	4.47	<2	<2	3	<0.5	<3	<3	36	
1319612	Rock	0.77	3	<3	5	<1	22	3	32	<0.3	16	3	271	2.58	4	<2	2	<0.5	<3	<3	44	
1319613	Rock	1.57	3	<3	<2	<1	30	<3	17	<0.3	3	<1	107	0.71	7	<2	6	0.8	<3	<3	3	
1319614	Rock	1.54	<2	3	<2	<1	14	<3	71	<0.3	5	4	197	0.46	5	<2	2	1.1	<3	<3	2	
1319615	Rock	1.36	4	<3	4	3	72	5	110	<0.3	34	19	2409	3.18	8	3	7	0.5	<3	3	24	
1319616	Rock	1.39	19	<3	2	<1	11	<3	<1	<0.3	1639	105	383	3.97	7	<2	72	<0.5	<3	<3	8	
1319617	Rock	1.37	2	<3	2	<1	3	<3	<1	<0.3	1662	103	636	4.63	<2	<2	68	<0.5	<3	<3	11	
1319618	Rock	1.60	<2	<3	3	<1	4	<3	<1	<0.3	1293	96	248	4.49	<2	<2	49	<0.5	<3	<3	21	
1319619	Rock	1.44	4	<3	<2	<1	1	<3	<1	<0.3	1180	127	990	4.77	<2	<2	7	<0.5	<3	<3	7	
1319620	Rock	1.54	<2	7	22	<1	448	<3	61	1.9	60	30	709	5.46	3	<2	40	0.5	<3	<3	105	
1319621	Rock	2.37	6	7	9	<1	213	<3	23	0.6	41	17	375	2.51	3	<2	33	<0.5	<3	<3	52	
1319622	Rock	1.35	13	4	7	<1	241	<3	47	0.8	30	20	756	2.95	3	<2	19	<0.5	<3	<3	55	
1319623	Rock	2.28	28	8	13	<1	194	<3	34	0.7	30	23	470	3.41	57	<2	12	<0.5	<3	<3	73	
1319624	Rock	2.25	11	14	30	<1	1039	<3	61	<0.3	52	31	663	5.19	<2	<2	14	0.7	<3	<3	102	
1319625	Rock	1.88	3	<3	<2	<1	2	<3	<1	<0.3	1269	105	373	5.69	<2	<2	95	<0.5	<3	<3	17	
1319626	Rock	1.29	<2	4	<2	<1	3	<3	<1	<0.3	1719	90	415	4.12	<2	<2	66	<0.5	<3	<3	12	
1319627	Rock	1.88	3	9	13	<1	293	<3	53	1.1	53	33	815	5.51	<2	<2	23	0.5	<3	<3	159	
1319628	Rock	0.90	<2	4	<2	<1	2	<3	32	<0.3	9	2	440	1.26	<2	<2	190	<0.5	<3	<3	13	
1319629	Rock	1.28	2	<3	<2	<1	215	<3	57	0.8	21	23	819	4.77	<2	<2	13	<0.5	<3	<3	113	
1319630	Rock	2.73	77	9	20	<1	3648	<3	25	1.2	29	14	591	3.16	<2	<2	48	1.0	<3	<3	83	
1319631	Rock	2.39	<2	4	4	<1	237	<3	34	0.5	26	15	392	2.81	<2	<2	11	<0.5	<3	<3	64	
1319632	Rock	1.79	2	10	6	<1	274	<3	43	0.6	28	19	412	3.06	<2	<2	27	<0.5	<3	<3	70	
1319633	Rock	2.30	3	9	9	<1	5	<3	5	<0.3	101	13	174	0.86	<2	<2	27	<0.5	<3	<3	14	
1319634	Rock	1.24	2	11	24	<1	13	<3	4	<0.3	24	9	110	0.75	<2	<2	29	<0.5	<3	<3	23	
1319635	Rock	1.24	2	5	6	<1	372	<3	103	1.0	49	44	1297	8.47	5	<2	16	<0.5	<3	<3	145	
1319636	Rock	0.91	2	<3	2	<1	151	<3	19	0.5	11	8	749	2.62	<2	<2	30	<0.5	<3	<3	40	
1319637	Rock	1.12	2	11	22	<1	222	<3	6	0.3	9	5	238	1.36	<2	<2	84	<0.5	<3	<3	66	



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Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA370	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Cu	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.001	
1319608	Rock	0.07	0.040	3	10	0.58	226	0.021	<20	0.77	<0.01	0.17	<2	0.08	<1	<5	<5	<5	
1319609	Rock	0.62	0.142	<1	3	0.18	97	0.073	<20	0.64	0.06	0.25	<2	0.36	<1	<5	<5	<5	
1319610	Rock	0.80	0.127	2	16	0.57	66	0.168	<20	0.98	0.06	0.17	<2	0.21	<1	<5	<5	<5	
1319611	Rock	0.10	0.002	<1	59	0.57	3	0.032	<20	0.78	<0.01	<0.01	2	1.24	<1	<5	<5	<5	1.154
1319612	Rock	<0.01	0.007	<1	18	1.04	111	0.007	<20	0.86	0.02	0.06	<2	0.73	<1	<5	<5	<5	
1319613	Rock	<0.01	0.010	<1	2	<0.01	103	<0.001	<20	0.05	<0.01	0.01	<2	<0.05	<1	<5	<5	<5	
1319614	Rock	0.09	0.002	<1	2	<0.01	21	<0.001	<20	0.04	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	
1319615	Rock	0.07	0.033	11	11	0.70	349	0.002	<20	1.62	0.02	0.15	<2	<0.05	<1	<5	<5	<5	
1319616	Rock	0.61	<0.001	1	445	13.68	61	0.002	50	0.10	<0.01	<0.01	<2	1.39	<1	<5	<5	<5	
1319617	Rock	0.52	<0.001	2	450	18.89	4	0.003	125	0.11	<0.01	<0.01	<2	0.07	<1	<5	<5	<5	
1319618	Rock	0.42	<0.001	2	683	17.47	3	0.006	84	0.29	<0.01	<0.01	<2	<0.05	<1	<5	<5	10	
1319619	Rock	0.25	<0.001	2	288	20.57	4	<0.001	69	0.05	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
1319620	Rock	1.23	0.072	3	148	2.07	18	0.463	<20	2.64	0.01	<0.01	<2	<0.05	<1	<5	<5	5	
1319621	Rock	1.04	0.047	<1	43	0.65	22	0.308	<20	1.03	0.09	0.02	<2	<0.05	<1	<5	<5	<5	
1319622	Rock	6.95	0.042	<1	36	1.05	8	0.272	<20	1.50	0.06	<0.01	<2	<0.05	<1	<5	<5	<5	
1319623	Rock	2.36	0.044	1	52	1.18	79	0.268	<20	1.32	0.02	0.07	<2	0.92	<1	<5	<5	<5	
1319624	Rock	0.83	0.046	2	184	1.99	9	0.497	<20	2.54	0.04	0.03	<2	0.06	<1	<5	<5	6	
1319625	Rock	0.50	<0.001	2	487	17.02	17	0.003	37	0.13	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
1319626	Rock	1.11	<0.001	2	379	18.00	59	0.004	36	0.22	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
1319627	Rock	2.19	0.048	1	86	2.12	9	0.243	<20	2.85	0.02	<0.01	<2	<0.05	<1	<5	<5	5	
1319628	Rock	1.70	0.054	4	7	0.50	172	0.037	<20	0.50	0.10	0.06	<2	0.30	<1	<5	<5	<5	
1319629	Rock	1.17	0.066	2	13	1.38	80	0.290	<20	1.77	0.02	0.12	<2	<0.05	<1	<5	<5	<5	
1319630	Rock	1.47	0.078	2	64	0.91	76	0.531	<20	1.30	0.02	0.06	<2	0.20	<1	<5	<5	<5	
1319631	Rock	0.71	0.065	2	48	0.87	5	0.300	<20	1.31	0.09	0.01	<2	<0.05	<1	<5	<5	<5	
1319632	Rock	1.03	0.060	1	83	1.19	5	0.333	<20	1.54	0.04	<0.01	<2	<0.05	<1	<5	<5	<5	
1319633	Rock	0.92	0.001	<1	173	1.69	46	0.015	<20	1.23	0.01	0.07	<2	<0.05	<1	<5	<5	<5	
1319634	Rock	0.71	0.008	<1	56	0.64	68	0.067	<20	0.82	0.02	0.09	<2	<0.05	<1	<5	<5	<5	
1319635	Rock	0.85	0.078	2	71	3.03	24	0.242	<20	3.99	0.02	0.02	<2	<0.05	<1	<5	<5	5	
1319636	Rock	0.72	0.040	<1	37	0.53	149	0.258	<20	0.64	0.08	0.17	<2	<0.05	<1	<5	<5	<5	
1319637	Rock	3.01	0.052	1	41	0.20	23	0.428	<20	0.93	0.04	0.02	<2	<0.05	<1	<5	<5	<5	



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Method	WGHT	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	
1319638	Rock	1.02	3	<3	7	<1	9	<3	13	<0.3	2209	105	784	4.62	<2	<2	6	<0.5	<3	<3	11
1319639	Rock	1.77	3	9	7	<1	464	<3	22	<0.3	16	10	1712	1.94	<2	<2	48	<0.5	<3	<3	47
1319640	Rock	1.61	3	8	6	<1	439	<3	69	<0.3	27	27	1630	6.44	<2	<2	12	<0.5	<3	<3	113
1319641	Rock	2.65	3	8	11	<1	210	<3	82	0.8	25	33	1428	7.00	<2	<2	14	<0.5	<3	<3	144
1319642	Rock	3.12	9	17	8	<1	176	<3	67	0.7	23	27	1373	5.73	<2	<2	15	0.5	<3	<3	122
1319643	Rock	1.53	6	8	12	<1	117	<3	66	2.1	41	25	972	4.36	<2	<2	12	<0.5	<3	<3	80
1319644	Rock	0.40	4	6	21	<1	2271	<3	74	1.1	61	36	1050	6.56	<2	<2	6	0.7	<3	<3	132
1319645	Rock	1.34	6	6	10	<1	166	<3	40	0.6	28	19	565	3.23	<2	<2	39	<0.5	<3	<3	78
1319646	Rock	3.94	3	<3	12	<1	268	<3	22	0.9	23	12	413	2.35	<2	<2	4	<0.5	<3	<3	61
K736180	Rock	1.18	6198	3	4	30	>10000	6	160	15.0	30	59	652	22.43	46	<2	4	2.6	<3	17	96
K736181	Rock	1.19	16	22	47	2	3880	<3	149	2.0	40	53	1960	12.11	<2	<2	4	0.6	<3	<3	270
K736182	Rock	1.58	6	8	17	<1	300	<3	55	0.9	25	18	1241	3.78	<2	<2	14	<0.5	<3	<3	66



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Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA370	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Cu	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.001	
1319638	Rock	0.41	0.002	2	410	20.11	5	0.004	48	0.17	<0.01	<0.01	<2	<0.05	<1	<5	<5	6	
1319639	Rock	18.09	0.035	<1	30	0.61	66	0.262	<20	0.81	0.01	0.03	<2	<0.05	<1	<5	<5	<5	
1319640	Rock	1.53	0.083	2	10	1.66	370	0.312	<20	1.39	0.06	0.46	<2	<0.05	<1	<5	<5	6	
1319641	Rock	2.16	0.073	2	11	2.01	322	0.315	<20	2.14	0.03	0.29	<2	0.09	<1	<5	<5	<5	
1319642	Rock	2.18	0.088	3	17	1.77	192	0.391	<20	1.88	0.04	0.23	<2	<0.05	<1	<5	<5	<5	
1319643	Rock	2.37	0.057	2	63	1.76	41	0.452	<20	2.02	0.02	0.16	<2	<0.05	<1	<5	<5	<5	
1319644	Rock	0.86	0.087	1	134	2.62	20	0.626	<20	2.79	0.02	0.06	<2	0.16	<1	<5	<5	<5	
1319645	Rock	2.56	0.052	1	57	1.00	16	0.336	<20	1.75	0.02	0.03	<2	<0.05	<1	<5	<5	<5	
1319646	Rock	1.16	0.052	1	59	0.75	10	0.265	<20	1.04	0.08	<0.01	<2	<0.05	<1	<5	<5	<5	
K736180	Rock	0.10	0.026	3	63	1.26	3	0.132	<20	2.29	<0.01	<0.01	39	4.61	5	<5	<5	11	>10
K736181	Rock	0.54	0.108	2	33	3.88	6	0.350	<20	5.29	<0.01	<0.01	<2	0.20	<1	<5	<5	6	
K736182	Rock	1.25	0.062	1	67	1.12	71	0.241	<20	1.06	0.06	0.16	<2	0.11	<1	<5	<5	<5	



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# QUALITY CONTROL REPORT

WHI18000743.1

Method	WGHT	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	
Pulp Duplicates																					
1319611	Rock	1.31	35	4	3	<1	>10000	<3	78	6.6	6	5	280	4.47	<2	<2	3	<0.5	<3	<3	36
REP 1319611	QC																				
1319617	Rock	1.37	2	<3	2	<1	3	<3	<1	<0.3	1662	103	636	4.63	<2	<2	68	<0.5	<3	<3	11
REP 1319617	QC		<2	<3	<2																
1319638	Rock	1.02	3	<3	7	<1	9	<3	13	<0.3	2209	105	784	4.62	<2	<2	6	<0.5	<3	<3	11
REP 1319638	QC		3	<3	3																
K736181	Rock	1.19	16	22	47	2	3880	<3	149	2.0	40	53	1960	12.11	<2	<2	4	0.6	<3	<3	270
REP K736181	QC		12	18	47																
Core Reject Duplicates																					
1319639	Rock	1.77	3	9	7	<1	464	<3	22	<0.3	16	10	1712	1.94	<2	<2	48	<0.5	<3	<3	47
DUP 1319639	QC		3	3	6	<1	481	<3	23	<0.3	18	11	1756	1.98	<2	<2	49	<0.5	<3	<3	49
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS11	Standard					14	151	131	348	1.7	74	13	1033	3.17	44	7	64	2.4	7	13	48
STD DS11	Standard					14	149	137	348	2.0	76	13	1045	3.19	45	7	64	2.6	7	12	48
STD DS11	Standard					14	152	141	370	1.6	79	13	1054	3.22	45	7	66	2.2	7	10	50
STD DS11	Standard					14	147	136	345	1.2	77	13	1016	3.08	42	7	66	2.2	8	11	49
STD OREAS45EA	Standard					3	705	12	31	0.6	372	50	401	24.33	12	10	4	0.7	<3	<3	308
STD OREAS45EA	Standard					3	736	15	32	0.6	390	52	417	24.48	12	10	4	1.2	<3	<3	321
STD OREAS45EA	Standard					1	736	16	35	<0.3	406	53	423	23.27	4	11	4	<0.5	<3	<3	326
STD OREAS45EA	Standard					2	729	13	35	<0.3	407	52	414	22.89	5	10	4	<0.5	<3	<3	320
STD PD05	Standard		516	434	615																
STD PD05	Standard		525	438	620																
STD PD05	Standard		496	420	602																
STD PG04	Standard		1003	921	1234																



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Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA370	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Cu	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.001	
Pulp Duplicates																			
1319611	Rock	0.10	0.002	<1	59	0.57	3	0.032	<20	0.78	<0.01	<0.01	2	1.24	<1	<5	<5	<5	1.154
REP 1319611	QC																		1.143
1319617	Rock	0.52	<0.001	2	450	18.89	4	0.003	125	0.11	<0.01	<0.01	<2	0.07	<1	<5	<5	<5	
REP 1319617	QC																		
1319638	Rock	0.41	0.002	2	410	20.11	5	0.004	48	0.17	<0.01	<0.01	<2	<0.05	<1	<5	<5	6	
REP 1319638	QC																		
K736181	Rock	0.54	0.108	2	33	3.88	6	0.350	<20	5.29	<0.01	<0.01	<2	0.20	<1	<5	<5	6	
REP K736181	QC																		
Core Reject Duplicates																			
1319639	Rock	18.09	0.035	<1	30	0.61	66	0.262	<20	0.81	0.01	0.03	<2	<0.05	<1	<5	<5	<5	
DUP 1319639	QC	18.79	0.035	<1	32	0.66	58	0.280	<20	0.85	0.01	0.03	<2	<0.05	<1	<5	<5	<5	
Reference Materials																			
STD CDN-ME-14	Standard																		1.192
STD CDN-ME-9	Standard																		0.637
STD CDN-ME-14	Standard																		1.263
STD CDN-ME-9	Standard																		0.656
STD DS11	Standard	1.06	0.069	17	60	0.82	424	0.093	<20	1.14	0.07	0.40	3	0.30	<1	6	<5	<5	
STD DS11	Standard	1.03	0.068	17	64	0.85	441	0.093	<20	1.14	0.07	0.39	3	0.27	<1	6	<5	<5	
STD DS11	Standard	1.08	0.073	17	59	0.85	444	0.091	<20	1.16	0.07	0.41	2	0.29	<1	6	5	<5	
STD DS11	Standard	1.03	0.070	17	57	0.82	390	0.090	<20	1.12	0.07	0.40	2	0.28	<1	<5	<5	<5	
STD OREAS45EA	Standard	0.03	0.030	8	919	0.09	151	0.100	<20	3.42	0.02	0.06	<2	<0.05	<1	<5	<5	86	
STD OREAS45EA	Standard	0.03	0.031	9	962	0.10	154	0.107	<20	3.57	0.02	0.06	<2	<0.05	<1	<5	<5	87	
STD OREAS45EA	Standard	0.04	0.031	7	933	0.10	158	0.100	<20	3.37	0.02	0.06	<2	<0.05	<1	<5	22	89	
STD OREAS45EA	Standard	0.04	0.031	7	925	0.10	151	0.105	<20	3.48	0.02	0.06	<2	<0.05	<1	<5	10	88	
STD PD05	Standard																		
STD PD05	Standard																		
STD PD05	Standard																		
STD PG04	Standard																		



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		WGHT	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1
STD PG04	Standard		1045	941	1276																
STD PG04	Standard		1012	934	1256																
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD OREAS45EA Expected						1.6	709	14.3	31.4	0.26	381	52	400	22.65	11	10.7	4.05				303
STD DS11 Expected						13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50
STD PD05 Expected			519	430	596																
STD PG04 Expected			1004	903	1196																
BLK	Blank		2	<3	<2																
BLK	Blank		3	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		2	<3	<2																
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank																				
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank		<2	3	2																
BLK	Blank		2	<3	2																
Prep Wash																					
ROCK-WHI	Prep Blank		2	<3	<2	1	3	<3	34	<0.3	1	4	530	1.88	<2	2	21	<0.5	<3	<3	24
ROCK-WHI	Prep Blank		2	<3	<2	1	6	<3	36	<0.3	<1	4	559	2.02	<2	2	24	<0.5	<3	<3	26





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		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA370		
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Cu	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	
		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.001	
STD PG04	Standard																			
STD PG04	Standard																			
STD CDN-ME-14 Expected																				1.221
STD CDN-ME-9 Expected																				0.654
STD OREAS45EA Expected		0.036	0.029	7.06	849	0.095	148	0.0984		3.32	0.02	0.053		0.036			12.4	78		
STD DS11 Expected		1.063	0.0701	18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1		
STD PD05 Expected																				
STD PG04 Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		
BLK	Blank																			<0.001
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-WHI	Prep Blank	0.65	0.041	6	2	0.50	53	0.077	<20	0.89	0.06	0.08	<2	<0.05	<1	<5	<5	<5		
ROCK-WHI	Prep Blank	0.66	0.042	6	1	0.50	57	0.090	<20	0.91	0.07	0.09	<2	<0.05	<1	<5	<5	<5		