

Appendix A: Copy of Assay Certificates and Sample Data

## Rock Sample Table and Notes

Sample	NAD83Z16 Easting	NAD83Z16 Northing	Date	Description
BK-14-001	358634	5441410	Nov 9 2014	Float, Sibley Sediments
BK-14-002	358638	5441415	Nov 9 2014	Lg float gabbro 1-2% py
BK-14-003	358543	5441411	Nov 9 2014	Float, gabbro speck of py
BK-14-004	358357	5441271	Nov 9 2014	Float, silica calcite no mineralization
BK-14-005	358392	5441458	Nov 9 2014	Large float of magnetite rich mafic intrusive
BK-14-006	358317	5441570	Nov 9 2014	Magnetite bearing syenite float
BK-14-007	358381	5441541	Nov 9 2014	Float epidote, hematite altered gabbro
FM-14-G-001	356142	5440497	Nov 7 2014	boulder, olivine-rich ~15%, v. rounded boulder ~1m in size, sample FM-14-G-001
FM-14-G-002	356387	5440506	Nov 7 2014	large area of float, mostly diabase consisting of m.g. to c.g., starting to get granophyric, flds-rich gabbro, lot so flds laths, lots of magnetite, tr diss py, sample FM-14-G-002
FM-14-G-003	356408	5440829	Nov 7 2014	outcrop diabase, m.g. mod magnetic, may be Nipigon sill or Disralie intrusion, sample FM-14-G-003
FM-14-G-004	356440	5441337	Nov 7 2014	outcrop, large cliff, olivine gabbro, f.g. to m.g. 2-5% olivine, mod magnetic, Nipigon sill? Or Disralie intrusion?, sample FM-14-G-004
FM-14-G-005	356635	5441341	Nov 7 2014	outcrop, f.g. v homogenous, flds-rich, weakly to mod magnetic, mostly likely Nipigon sill, sample FM-14-G-005
FM-14-G-006	355877	5442705	Nov 8 2014	large scree boulder field, more peridotitic gabbro, v. black (serpentinized olivine?) lot of biotite, tr diss py, m.g. v. distinctive pitted weathering similar to the peridotite in the Seagull Intrusion, FM-14-G-006
FM-14-G-007	355871	5442705	Nov 8 2014	large scree boulder field, more peridotitic gabbro, v. black (serpentinized olivine?) lot of biotite, tr diss py, m.g. v. distinctive pitted weathering locally defining layering, similar to the peridotite in the Seagull Intrusion, FM-14-G-007
FM-14-G-008	356226	5442713	Nov 8 2014	outcrop, small island, all seem to be made of same rock type, f.g. diabase, mostly likely Disralie, but could be Nipigon sill, closely spaced jointing, FM-14-G-008
FM-14-G-009	356244	5441964	Nov 8 2014	outcrop, low outcrop, rounded weathered olvine diabase, bit more ultramafic, FM-14-G-009
FM-14-G-010	356258	5441874	Nov 8 2014	outcrop, v. massive, widely spaced joints, rounded bulbous weathering, m.g. to f.g. diabase, Disralie/Nipigon sill?, sample FM-G-010

## Soil Sample Table and Notes

Sample	NAD83Z16 Easting	NAD83Z16 Northing	Date	Description
FM-14-001	355999	5440501	Nov-7-14	poorly dveloped A horozion, dark maroon soil, lots of red siltstone chips, lots of organics, sample is of bedrock chip rich B horizon from ~20cm depth
FM-14-002	356003	5440594	Nov-7-14	dark brown silt, poorly developed A horizon, organic-rich, sampe is B horizon at 10cm depth
FM-14-003	355999	5440696	Nov-7-14	brown-red silt-rich, moderate organic, B horizon with gabbro bedrock chips, 20 cm depth
FM-14-004	355999	5440795	Nov-7-14	brown silt-fine sand mix, gabbro chips, moderate organics, sample is B horizon, 25cm depth
FM-14-005	355999	5440894	Nov-7-14	well developed A horizon, samle of brown silt B horizon with gabbro chips, moderate organics, 25cm depth
FM-14-006	355999	5440990	Nov-7-14	brown-red silt-rich, well developed A horizon, sample is of B horizon few gabbro chips, 20cm depth
FM-14-007	356093	5440992	Nov-7-14	brown red silt-rich, well developed A horizon, sample of B horizon with few gabbro chips, 25cm depth
FM-14-008	356100	5440900	Nov-7-14	silt-fine sand, moderate A horizon, sample of brown B horizon, no bedrock chips, 20cm depth
FM-14-009	356199	5440891	Nov-7-14	well developed A horizon, sample of medium brown light sandy silt, no bedrock chips, moderate organics, 25cm depth
FM-14-010	356297	5440888	Nov-7-14	well developed A horizon, sample of sand/silty brown B horizon, few gabro chips, few organics, 25cm depth
FM-14-011	356395	5440887	Nov-7-14	poorly developed A horizon, sample of light brown B horizon silt, few gabbro chips, 35cm depth
FM-14-012	356489	5440884	Nov-7-14	well developed A horizon, sample of light brown clay-rich B horizon, 25-30cm depth
FM-14-013	356536	5440886	Nov-7-14	brown-clay rich B horizon, organic rich soil, hard to get a sample, 50cm depth
FM-14-014	356548	5441000	Nov-7-14	medium brown B horizon, sand/silt few gabbro chips, moderate organics, 30cm depth
FM-14-015	356490	5440988	Nov-7-14	medium brown B horizon, silt/sand, low organics, few gabbro chips, 25-30cm depth
FM-14-016	356395	5440986	Nov-7-14	red-brown silt/clay, large gabbro chips, moderate organics, poor A horizon, sample at base of gabbro outcrop, sample is of B horizon, 40cm depth
FM-14-017	356296	5440984	Nov-7-14	red-brown silt, few gabbro chips, little organics, A horizon moderate developed, sample is of B horizon, 30cm depth
FM-14-018	356201	5440987	Nov-7-14	silt-sand medium brown, organic rich, moderate A horizon, sample of B horizon, 30cm depth
FM-14-019	356094	5440791	Nov-7-14	light brown, sand-silt, gabbro chips, moderate organics, well developed A horizon, sample of B horizon, 20cm depth
FM-14-020	356198	5440787	Nov-7-14	light brown silt, few gabbro chips, low organics, well developed A horizon, sample of B horizon, 40cm depth
FM-14-021	356298	5440788	Nov-7-14	dark brown clay, organic rich, well developed A horizon, taken in swamp, sample of B horizon, 30cm depth

FM-14-022	356394	5440782	Nov-7-14	red brown silt, few gabbro chips, well developed A horizon, base of gabbro outcrop, sampel of B horizon, 25cm depth
FM-14-023	356490	5440784	Nov-7-14	clay silt mix, red brown, few gabbro chips, poorly developed A horizon, moderate organics, sample of B horizon, 40cm depth
FM-14-024	356523	5440783	Nov-7-14	light brown silt clay, organic rich, decent A horizon, sample of B horizon, 30cm depth
FM-14-025	356094	5440700	Nov-8-14	light brown, fairly organic rich soil, B horizon Silt-sand, minor gabbro chips, poorly developed A layer, sampe of B horizon, 25cm depth
FM-14-026	356197	5440705	Nov-8-14	organic rich soil, medium grown silt & stone chip mix, poorly developed A horizon
FM-14-027	356297	5440704	Nov-8-14	medium brown, large gabbro chips, silt, low organics, poorly developed A horizon, sample of B horizon, 20-25m depth
FM-14-028	356395	5440704	Nov-8-14	medium brown, moderate organics, silt-rich, few gabbro chips, well developed A horizon, sample of B horizon, 30cm depth
FM-14-029	356490	5440707	Nov-8-14	red-brown, silt-clay mix, siltsonte chips, well developed A horizon, sample of B horizon, 25cm depth
FM-14-030	356577	5440708	Nov-8-14	black grey, very organic rich soil, hard to find B horizon to sample, No A horizon, chips of calcite, sampe of O Horizon, 20cm depth
FM-14-031	356600	5440611	Nov-8-14	oraganic - clay rich, nearly impossible to find a B horizon to sample, no bedrock chips, no A horizon, taken in a rocky swamp, sample is O Horizon, 50-60cm
FM-14-032	356495	5440610	Nov-8-14	Red brown silt sand, moderate organic, full of gabbro and siltstone chips, well developed A layer, sample from B horizon, 30-35cm depth
FM-14-033	356395	5440605	Nov-8-14	red brown lots of gabbro chips, moderate organics, well defined A horizon, sample from B horizon, 20-25cm depth
FM-14-034	356298	5440606	Nov-8-14	medium brown, silt and sand, few gabbro chips, moderate organics, well developed A horizon, sample of B horizon, 25-30cm depth
FM-14-035	356194	5440602	Nov-8-14	brown-red, moderate organics, silt, no bedrock chips, well developed A horizon, sample from B horizon, 25cm depth
FM-14-036	356097	5440596	Nov-8-14	medium brown sand-silt, few gabbro chips, moderate organics, well developed A horizon, sample from B horizon, 25cm depth
FM-14-037	356097	5440499	Nov-8-14	brown red, lots of siltstone chips, well defined A horizon, moderate organics, silty soil, sample from B horizon, 30cm depth
FM-14-038	356197	5440499	Nov-8-14	brown-grey clay few siltstone chips, low organics, well defined A horizon, sample from B horizon, 30cm depth
FM-14-039	356300	5440498	Nov-8-14	red brown silt, low organics, few gabbro chips, well defined A horizon, sampel from B horizon, 20-25cm depth
FM-14-040	356397	5440499	Nov-8-14	medium brown, silt, moderate organics, few gabbro chips, well defined A horizon, sample from B horizon, 20cm depth
FM-14-041	356495	5440490	Nov-8-14	brown silt, no bedrock chips, low organics, well defined A horizon, sample of B horizon, 20-25cm depth
FM-14-042	356599	5440494	Nov-8-14	red brown silt, few to no gabbro chips, low organics, well defined A horizon, sampel from B horizon, 20cm depth
FM-14-043	356699	5440493	Nov-8-14	maroon brown, silt-sand lots of siltstone chips, moderate organics, poorly developed A horizon, hard to get a sample, sampe of B horizon, 25cm depth
FM-14-044	356798	5440506	Nov-8-14	medium brown silt-sand mix, lots of siltstone chips, no A horizon, hard to get a sample, lots of organics, sample of B horizon, 20cm depth
FM-14-045	356897	5440492	Nov-8-14	light brown silt, with siltstone chips, moderate organics, no A horizon, lots of large boulders, sample of B horizon, 20-25cm depth
FM-14-046	356987	5440487	Nov-8-14	medium brown silt-clay mix, gabbro & siltstone chips, moderate organics, no A horizon, sample form B horizon, 20-25cm depth
FM-14-047	356996	5440611	Nov-8-14	light brown, mix silt & sand, low organics, poorly developd A horizon, few siltstone chips, sample from B horizon, 20-25cm depth
FM-14-048	356899	5440612	Nov-8-14	light brown, sand-silt mix, low organics, no A horizon, no bedrock chips, sample from B horizon, 20-25cm depth
FM-14-049	356802	5440608	Nov-8-14	black water saturated clay, no bedrock chips, collected in a swamp, difficult to get a sample, very ogranic rich, sample of O horizon, 20-40cm depth
FM-14-050	356803	5440705	Nov-8-14	brown-black, very organic rich sand, frozen below 15cm siltstone chips, taken off road,sampel of B horizon? 20-25cm depth
FM-14-051	356903	5440712	Nov-8-14	light brown, silt-sand with siltstone chips, poorly developed A horizon, low organics, sampel of B horizon, 23-30cm depth
FM-14-052	357001	5440709	Nov-8-14	red brown, silt & sand mix, siltstone cips, poorly developed A horizon, low organics, sampel of B horizon, 25-30cm depth
FM-14-053	356995	5440796	Nov-8-14	medium brown, sand-silt mix, large siltsone chips, poorly developed A horizon, low organics, partly frozen, sampe of B horizon
FM-14-054	356899	5440801	Nov-8-14	light brown silt with stone chips, moderate organics, poorly developed A horizon, sampel of B horizon, 20-25cm depth
FM-14-055	356803	5440812	Nov-8-14	medium brown, silty sand, moderate organics, well defined A horizon, few silstone chips, sampe of B horizon, 25cm depth
FM-14-056	356803	5440903	Nov-8-14	light brown, silt sand moderate organics, no bedrock chips, no A horizon, sample of B horizon, 25cm depth
FM-14-057	356903	5440901	Nov-8-14	medium brown silt, low organics, poorly developed A horizon, no bedrock chips, sampel of B horizon, 20-25cm depth
FM-14-058	357002	5440901	Nov-8-14	medium brown silt-sand mix, moderate organics, poorly developed A horizon, siltstone chips, sampel of B horizon, 20-25cm depth
FM-14-059	356728	5440998	Nov-8-14	light brown silt low organics, poorly developed A horizon, low organics, no rock chips, sample of B horizon, 25-40cm deep
FM-14-060	356823	5441000	Nov-8-14	red brown, silty sand, moderate organics, no rock chips, poorly developed A horizon, sample of B horizon, 20-25cm depth
FM-14-061	356920	5441007	Nov-8-14	silt-sand mix, low organics, no rock chips, medium brown, poorly developed A horizon, sample of B horizon, 20-25cm depth
FM-14-062	357017	5441000	Nov-8-14	medium brown, sand-silt mix, moderate organics, no A horizon, large siltstone chips, sample of B horizon, 20-25cm depth
FM-14-200	356472	5441354	Nov-7-14	soil sample FM-14-200, v. sandy B horizon, ~15cm deep
FM-14-201	356375	5441993	Nov-8-14	Soil sample FM-14-201, taken at the foot fo large hill at the tip of the Disralie lake hook, v. sandy, no A developed, sampled B horizon, ~25cm deep, cedar and birch forest type
FM-14-202	356409	5441989	Nov-8-14	Soil Sample FM-14-202, bouldery ground, of B horizon

FM-14-203	356452	5442014	Nov-8-14	Soil sample at the foot of a lightning struck cedar, redish B horizon, shallow soil sample starts at 10cm depth, some organics mixed in
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**Client:** Ursa Major Minerals Ltd  
1128-1090 W. Georgia St.  
Vancouver BC V6E 3V7 CANADA

Submitted By: Jill Moore  
Receiving Lab: Canada-Timmins  
Received: December 01, 2014  
Report Date: January 07, 2015  
Page: 1 of 4

# CERTIFICATE OF ANALYSIS

TIM14000016.1

## CLIENT JOB INFORMATION

Project: Fox Mountain  
Shipment ID: NA-14338  
P.O. Number: 66  
Number of Samples: 66

## SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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
Dry at 60C	66	Dry at 60C			VAN
SS80	66	Dry at 60C sieve 100g to -80 mesh			VAN
AQ252_EXT	66	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

## ADDITIONAL COMMENTS

Invoice To: Ursa Major Minerals Ltd  
1128-1090 W. Georgia St.  
Vancouver BC V6E 3V7  
CANADA

CC:

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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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
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**Client:** Ursa Major Minerals Ltd  
1128-1090 W. Georgia St.  
Vancouver BC V6E 3V7 CANADA

**Project:** Fox Mountain  
**Report Date:** January 07, 2015

**Page:** 4 of 4

**Part:** 3 of 3

# CERTIFICATE OF ANALYSIS

TIM14000016.1

Method	Analyte	Unit	AQ252		AQ252		AQ252		AQ252		AQ252		AQ252		AQ252		AQ252	
			Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	ppb	ppm	ppb
FM-14-061	Soil	MDL	0.82	10.4	0.5	<0.05	4.4	3.01	16.5	0.03	<1	0.3	14.9	<10	3			
FM-14-062	Soil		0.69	17.8	0.4	<0.05	3.8	3.73	21.0	0.02	<1	0.3	13.9	<10	6			
FM-14-200	Soil		0.78	10.5	0.4	<0.05	4.0	3.29	14.9	<0.02	<1	0.3	13.2	<10	2			
FM-14-201	Soil		0.37	14.4	0.3	<0.05	4.1	5.19	27.8	0.02	<1	0.2	21.3	<10	8			
FM-14-202	Soil		0.33	10.0	0.4	<0.05	3.6	5.95	24.4	0.03	<1	0.2	13.0	<10	6			
FM-14-203	Soil		1.05	15.7	0.6	<0.05	3.1	2.96	15.4	0.04	<1	0.4	17.0	<10	2			

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**Project:** Fox Mountain  
**Report Date:** January 07, 2015

**Page:** 1 of 1

**Part:** 3 of 3

# QUALITY CONTROL REPORT

TIM14000016.1

Method Analyte Unit	AQ252		AQ252		AQ252		AQ252		AQ252		AQ252		AQ252		AQ252	
	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppm	Be ppm	Li ppm	Pd ppm	Pt ppm	Pb ppm	Bi ppm	Mo ppm
Pulp Duplicates																
FM-14-013	1.84	9.5	0.7	<0.05	3.7	3.29	19.0	0.02	<1	0.4	23.3	<10	2			
REP FM-14-013	1.76	9.1	0.8	<0.05	3.6	3.26	18.7	<0.02	<1	0.3	24.0	<10	<2			
FM-14-045	1.37	14.4	0.7	<0.05	2.2	2.38	16.2	0.03	<1	0.4	18.4	<10	<2			
REP FM-14-045	1.39	14.6	0.8	<0.05	2.3	2.36	17.3	0.04	<1	0.5	20.0	<10	<2			
FM-14-203	1.05	15.7	0.6	<0.05	3.1	2.96	15.4	0.04	<1	0.4	17.0	<10	2			
REP FM-14-203	1.12	16.0	0.6	<0.05	3.0	2.94	16.3	0.02	<1	0.4	17.5	<10	<2			
Reference Materials																
STD DS10	1.73	28.3	1.6	<0.05	2.5	7.70	37.7	0.23	46	0.6	20.6	119	185			
STD DS10	1.76	28.7	1.6	<0.05	2.7	8.03	36.9	0.26	50	0.7	19.9	109	189			
STD DS10	1.57	27.9	1.5	<0.05	2.5	7.81	35.1	0.24	43	0.6	18.8	107	170			
STD OXC109	1.79	13.6	1.2	<0.05	22.5	3.97	23.9	<0.02	<1	0.8	2.4	<10	<2			
STD OXC109	1.26	13.4	1.2	<0.05	19.7	3.85	23.3	<0.02	<1	1.0	2.5	<10	<2			
STD OXC109	1.84	14.4	1.1	<0.05	18.9	3.84	22.8	<0.02	<1	1.0	2.2	<10	<2			
STD DS10 Expected	1.62	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191			
STD OXC109 Expected																
BLK	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2			
BLK	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2			
BLK	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2			

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**Client:** Ursa Major Minerals Ltd  
1128-1090 W. Georgia St.  
Vancouver BC V6E 3V7 CANADA

Submitted By: Jill Moore  
Receiving Lab: Canada-Timmins  
Received: December 01, 2014  
Report Date: January 07, 2015  
Page: 1 of 2

# CERTIFICATE OF ANALYSIS

# TIM14000017.1

## CLIENT JOB INFORMATION

Project: Fox Mountain  
Shipment ID: NA-14338  
P.O. Number: 17  
Number of Samples: 17

## SAMPLE DISPOSAL

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

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: Ursa Major Minerals Ltd  
1128-1090 W. Georgia St.  
Vancouver BC V6E 3V7  
CANADA

CC:

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	17	Crush, split and pulverize 250 g rock to 200 mesh			VAN
LF202	4	Total Whole Rock Characterization with AQ200	0.2	Completed	VAN
AQ252_EXT	17	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

## ADDITIONAL COMMENTS



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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**Project:** Fox Mountain  
**Report Date:** January 07, 2015

**Page:** 2 of 2

**Part:** 1 of 6

# CERTIFICATE OF ANALYSIS

TIM14000017.1

Method	WGH	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs
Analyte	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm
Unit																				
MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	1	0.2
BK-14-001	Rock																			
BK-14-002	Rock																			
BK-14-003	Rock	0.57	49.35	13.71	14.93	5.25	9.71	2.88	1.00	1.72	0.21	0.005	62	37	0.8	99.73	299	<1	49.3	0.6
BK-14-004	Rock	0.72																		
BK-14-005	Rock	2.24																		
BK-14-006	Rock	1.01																		
BK-14-007	Rock	1.12	47.76	9.02	12.96	9.73	11.15	3.31	0.67	2.61	0.19	0.060	111	38	2.2	99.69	124	<1	45.3	<0.1
FM-14-G-001	Rock	1.85																		
FM-14-G-002	Rock	1.21																		
FM-14-G-003	Rock	0.40																		
FM-14-G-004	Rock	0.91																		
FM-14-G-005	Rock	1.41																		
FM-14-G-006	Rock	2.14																		
FM-14-G-007	Rock	0.27																		
FM-14-G-008	Rock	0.64																		
FM-14-G-009	Rock	0.22	47.01	3.15	13.31	20.41	11.77	0.43	0.34	0.91	0.22	0.288	546	40	1.6	99.57	148	<1	104.9	0.3
FM-14-G-010	Rock	0.27	47.53	3.05	13.63	20.58	11.55	0.53	0.35	0.94	0.21	0.268	530	40	0.8	99.57	115	<1	114.5	0.3











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**Project:** Fox Mountain  
**Report Date:** January 07, 2015

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**Part:** 6 of 6

# CERTIFICATE OF ANALYSIS

# TIM14000017.1

Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt			
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb			
MDL	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			
BK-14-001	Rock	2.75	0.2	0.78	0.34	4.6	0.3	<0.05	28.6	11.62	<0.02	<1	0.5	22.5	<10	<2			
BK-14-002	Rock	0.24	<0.1	0.44	0.06	6.3	0.5	<0.05	18.0	13.50	<0.02	1	0.2	30.0	14	7			
BK-14-003	Rock	0.59	<0.1	0.23	0.06	18.6	0.5	<0.05	9.9	13.98	0.02	2	0.2	12.7	20	6			
BK-14-004	Rock	0.09	<0.1	0.25	0.07	2.3	0.1	<0.05	10.5	3.06	<0.02	<1	0.3	13.9	<10	<2			
BK-14-005	Rock	1.44	<0.1	0.18	0.03	6.9	0.5	<0.05	6.4	7.89	<0.02	<1	0.1	14.3	15	5			
BK-14-006	Rock	0.09	<0.1	0.04	0.28	5.3	0.7	<0.05	5.2	9.71	<0.02	<1	0.5	41.4	<10	<2			
BK-14-007	Rock	0.04	0.1	0.89	0.13	0.9	0.4	<0.05	34.4	5.09	<0.02	<1	0.4	40.6	<10	9			
FM-14-G-001	Rock	0.15	<0.1	0.10	0.04	5.6	0.3	<0.05	2.4	3.67	<0.02	<1	<0.1	3.3	<10	3			
FM-14-G-002	Rock	0.23	0.1	0.06	0.14	4.4	0.9	<0.05	4.7	12.49	0.03	<1	0.6	34.3	<10	4			
FM-14-G-003	Rock	0.45	0.1	0.09	0.10	13.0	0.2	<0.05	3.8	1.27	<0.02	<1	<0.1	9.7	<10	17			
FM-14-G-004	Rock	0.93	0.1	0.10	0.13	11.8	0.2	<0.05	4.2	1.53	<0.02	<1	0.2	8.4	<10	11			
FM-14-G-005	Rock	0.59	0.1	0.53	0.12	14.2	0.6	<0.05	15.5	5.79	<0.02	1	0.2	6.6	<10	10			
FM-14-G-006	Rock	1.08	0.1	0.26	0.13	30.0	0.3	<0.05	9.9	3.29	0.02	<1	0.2	15.4	<10	17			
FM-14-G-007	Rock	1.02	0.1	0.12	0.05	27.9	0.2	<0.05	5.3	2.28	0.02	<1	0.2	17.7	10	14			
FM-14-G-008	Rock	1.01	<0.1	0.22	0.05	17.3	0.6	<0.05	9.5	11.97	0.02	2	<0.1	14.4	11	10			
FM-14-G-009	Rock	0.45	<0.1	0.04	0.05	7.1	<0.1	<0.05	2.2	1.03	<0.02	<1	<0.1	12.1	<10	6			
FM-14-G-010	Rock	0.35	0.1	0.07	0.10	7.7	0.1	<0.05	3.3	0.97	<0.02	<1	<0.1	6.7	<10	4			









# QUALITY CONTROL REPORT

TIM14000017.1

Method	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200				
Analyte	Tb	Dy	Ho	Er	Yb	Lu	Tim	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	
MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	
Pulp Duplicates																							
BK-14-003	1.15	6.77	1.48	4.23	0.60	3.68	0.60	3.68	0.58	0.04	0.04	0.6	210.2	9.2	63	20.6	0.6	0.2	<0.1	<0.1	<0.1	<0.1	8.2
REP BK-14-003												0.4	204.4	8.9	61	20.5	0.8	0.1	<0.1	<0.1	<0.1	<0.1	7.3
FM-14-G-005																							
REP FM-14-G-005																							
FM-14-G-010	0.43	2.41	0.46	1.06	0.11	0.81	0.11	0.81	0.08	0.03	0.03	0.1	56.4	1.3	52	402.3	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	1.2
REP FM-14-G-010	0.42	2.19	0.42	0.96	0.11	0.81	0.10	0.10	0.03	0.02													
Reference Materials																							
STD DS10												11.1	145.2	145.4	344	70.5	41.5	2.2	8.0	12.3	1.6	79.0	
STD DS10																							
STD GS311-1										1.06	2.47												
STD GS910-4										2.66	8.68												
STD OREAS45EA										1.5	646.1	14.4	28	349.4	8.9	0.1	0.4	0.1	0.4	0.3	0.3	57.1	
STD OXC109																							
STD SO-18	0.50	2.89	0.62	1.93	0.24	1.85	0.25																
STD SO-18	0.52	3.17	0.69	1.82	0.26	1.81	0.27																
STD GS311-1 Expected										1.02	2.35												
STD GS910-4 Expected										2.65	8.27												
STD OREAS45EA Expected										1.39	709	14.3	28.9	381	9.1	0.02	0.2	0.2	0.26	0.26	0.26	53	
STD SO-18 Expected	0.53	3	0.62	1.84	0.27	1.79	0.27					14.69	154.61	150.55	370	74.6	43.7	2.49	8.23	11.65	2.02	91.9	
STD DS10 Expected																							
STD OXC109 Expected																							
BLK										<0.02	<0.02												
BLK										<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	
BLK	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01	<0.05	<0.01														
BLK																							
Prep Wash																							
ROCK-VAN	0.44	2.76	0.62	2.08	0.33	2.21	0.36	2.21	0.36	0.05	0.03	0.8	4.0	7.3	39	1.6	1.0	<0.1	<0.1	<0.1	<0.1	2.4	
ROCK-VAN	0.44	2.87	0.59	1.73	0.31	2.19	0.36	2.19	0.36	0.05	0.03	1.1	2.8	2.0	30	1.6	0.9	<0.1	<0.1	<0.1	<0.1	0.7	

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**Project:** Fox Mountain  
**Report Date:** January 07, 2015

**Page:** 1 of 1

**Part:** 5 of 6

# QUALITY CONTROL REPORT

TIM14000017.1

Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	
MDL	2	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	0.1	0.02	
Pulp Duplicates																				
BK-14-003	238	1.72	0.085	12.0	4.8	0.52	130.8	0.150	6	1.59	0.317	0.38	<0.1	3.3	0.03	0.04	<5	0.1	<0.02	8.8
REP BK-14-003	QC																			
FM-14-G-005	125	0.82	0.118	19.7	171.9	1.07	64.0	0.161	2	0.62	0.124	0.24	<0.1	3.0	0.03	<0.02	<5	<0.1	<0.02	3.4
REP FM-14-G-005	128	0.82	0.126	20.1	172.1	1.07	65.7	0.161	1	0.62	0.124	0.24	<0.1	3.0	0.03	<0.02	<5	<0.1	<0.02	3.4
FM-14-G-010	36	0.40	0.041	4.0	271.4	6.31	60.6	0.091	5	0.48	0.043	0.23	<0.1	2.9	0.10	<0.02	<5	<0.1	<0.02	1.6
REP FM-14-G-010	QC																			
Reference Materials																				
STD DS10																				
STD DS10	48	1.10	0.080	19.4	59.5	0.78	359.7	0.086	7	1.10	0.069	0.34	3.4	3.0	5.17	0.28	300	2.2	5.13	4.5
STD GS311-1																				
STD GS910-4																				
STD OREAS45EA																				
STD OXC109	51	0.72	0.112	13.5	59.8	1.46	60.5	0.374	1	1.56	0.690	0.42	0.2	1.2	0.02	<0.02	<5	<0.1	<0.02	5.4
STD SO-18																				
STD SO-18																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD OREAS45EA Expected																				
STD SO-18 Expected																				
STD DS10 Expected	43	1.0625	0.073	17.5	54.6	0.775	359	0.0817	1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3	
STD OXC109 Expected																				
BLK																				
BLK																				
BLK																				
BLK	<2	<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	<0.1	<0.02	<0.1
Prep Wash																				
ROCK-VAN	29	0.70	0.043	7.5	3.3	0.46	85.6	0.093	2	1.05	0.112	0.10	0.1	3.2	<0.02	0.02	<5	<0.1	<0.02	4.4
ROCK-VAN	25	0.70	0.044	6.8	3.7	0.47	77.4	0.085	2	1.03	0.099	0.09	<0.1	2.9	<0.02	0.02	<5	<0.1	<0.02	4.3

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**Project:** Fox Mountain  
**Report Date:** January 07, 2015

**Page:** 1 of 1

**Part:** 6 of 6

# QUALITY CONTROL REPORT

TIM14000017.1

Method	Analyste	Unit	MDL	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
				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	ppb	ppm	ppm	ppb	ppb
				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																			
BK-14-003	Rock			0.59	<0.1	0.23	0.06	18.6	0.5	<0.05	9.9	13.98	23.7	0.02	2	0.2	12.7	20	6
REP BK-14-003	QC																		
FM-14-G-005	Rock			0.59	0.1	0.53	0.12	14.2	0.6	<0.05	15.5	5.79	41.2	<0.02	1	0.2	6.6	<10	10
REP FM-14-G-005	QC			0.60	0.1	0.53	0.12	14.4	0.6	<0.05	15.2	5.72	42.4	<0.02	<1	0.1	6.6	<10	14
FM-14-G-010	Rock			0.35	0.1	0.07	0.10	7.7	0.1	<0.05	3.3	0.97	7.4	<0.02	<1	<0.1	6.7	<10	4
REP FM-14-G-010	QC																		
Reference Materials																			
STD DS10	Standard																		
STD DS10	Standard			2.82	<0.1	0.08	1.75	29.9	1.7	<0.05	2.8	8.37	37.4	0.26	48	0.7	21.0	103	184
STD GS311-1	Standard																		
STD GS910-4	Standard																		
STD OREAS45EA	Standard																		
STD OXC109	Standard			0.17	<0.1	0.24	1.48	13.7	1.2	<0.05	18.7	4.25	24.5	<0.02	<1	0.8	2.2	<10	<2
STD SO-18	Standard																		
STD SO-18	Standard																		
STD GS311-1 Expected																			
STD GS910-4 Expected																			
STD OREAS45EA Expected																			
STD SO-18 Expected																			
STD DS10 Expected				2.63	0.08	0.06	1.62	27.7	1.6	<0.05	2.8	7.77	37	0.23	50	0.63	19.4	110	191
STD OXC109 Expected																			
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank			<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-VAN	Prep Blank			0.13	<0.1	0.19	0.16	2.9	0.4	<0.05	5.0	8.87	14.2	<0.02	<1	0.2	2.5	<10	<2
ROCK-VAN	Prep Blank			0.12	<0.1	0.17	0.14	2.6	0.4	<0.05	4.6	8.57	13.4	<0.02	2	0.2	2.4	<10	<2

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