Geochemical Assessment Report on the JPL 1-14 Quartz Claims

Claim Names	Grant Numbers	Registered Owner	Mining District
JPL 1 - 6	YE79885 – YE79890	OK Creek Mining and Exploration Inc.	Dawson
JPL 9	YE79893	OK Creek Mining and Exploration Inc.	Dawson
JPL 11	YE79895	OK Creek Mining and Exploration Inc.	Dawson
JPL 13 - 14	YE79897 – YE79898	OK Creek Mining and Exploration Inc.	Dawson

Table 1

Work Performed:
August 1 – 6, 2013
August 9 – 11, 2013

Location:

NTS mapsheet 116B-04

UTM Zone 7
571500 Easting
7102700 Northing

Author: Morgan Fraughton
Date: July 21, 2014

Table of Contents

1 Introduction

The JPL hard-rock claims, 1-14, are located in the Dawson Mining division on UTM map-sheet 116B-04. During the summer of 2013, soil rock and stream sediment samples were taken on the claims in order to assess their potential for hosting economic mineralization. The focus of exploration was on gold but a range of 36 elements were assayed for.

2 History

The history of the area around the JPL quartz claims is dominated by its proximity to the Klondike Gold Fields. The Klondike Gold Fields were the source of millions of ounces of placer gold and were first discovered in 1896. Although the JPL claims are in close proximity to the Klondike Gold Fields (~10km) no significant amounts of gold were ever recorder to come out of the area underlying the JPL claims. After the Klondike Gold Rush had started it is obvious that placer claims were staked on OK Creek, the creek underlying the JPL claims, but no significant amounts gold work was ever recorded on the JPL claims for placer or hard-rock.

Surrounding the area with a radius of about 10km from the JPL claims there have been multiple recordings of small hard rock exploration programs that have turned up VMS style mineralization that infer there is at least small VMS deposits in the area. Also, gold in quartz veins is sometimes anomalous.

In the summer of 2012 the JPL claims were staked by Henry Vincent of OK Creek Mining and Exploration Inc. See JPL Assessment report for 2012. During the summer of 2012 there were some hand pits dug and Jean Pautler (Geologist) spent one day prospecting the property. Jean picked out a few rock samples to be sent in for assay. Although, the assays did not show any significant mineralization there were two that showed elevated values of economic elements. One sample, which was a quartz vein in a schist was elevated in gold (>100ppb), and another sample showed elevated copper values (>300ppb).

OK Creek Mining and Exploration Inc. wanted to assess the JPL property further and so a small geochemical survey of rock, soil, and stream sediment was undertaken on the property in the summer of 2013.

3 List of Claims

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4 Geology

4.1 Regional Geology

On a regional scale the geology around the JPL Claims are underlain by Yukon Tanana Terrane which lies in the Intermontane morphological belt of the Northern Cordillera province. The JPL property sits near the edge of the Tintina trench, a crustal scale right lateral strike slip fault that extends up from British Columbia, then cuts diagonally north-west all the way through the Yukon Territory into Alaska. It is estimated, in a study which used matching magnetic trends along the fault by Richard W. Saltus, that the Tintina Fault has moved on average 490km. See image 12 below. On the north side of the Tintina Fault is the older rock of Ancestral North America. The south side of the Tintina Fault, where the JPL property is, is made up of the Intermontane morphological belt, which hosts the Yukon Tanana Terrane. Yukon Tanana Terrane is composed of many different rock

units.

The region around Dawson City was not affected by the repeated advance of the Cordillera

Ice sheet that covered most of North America repeatedly over the course of distant history.

This has caused the erosional material from the underlying bedrock of the area to stay

close, within meters, to its original source. This is why “C” horizon soil sampling can be such

an effective tool for narrowing in on mineralized bedrock targets.

4.2 Local Geology

Underlying the JPL Claims are two major rock units of the Yukon Tanana Terrain outlined

by the Yukon Geological Survey (YGS). In order of highest to lowest concentration the units

are Nasina Assemblage(DMN1), and in a small amount entering the

eastern edge of the JPL claims is the rock unit known as the Anvil Range assemblage

(CPA1). See figure 13 and 14. The table below outlines the JPL property rock units according

to the YGS's own legends:

DEVONIAN, MISSISSIPPIAN AND(?) OLDER	**DMN1**	**DMN: NASINA**	dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (chlorite; feldspar augen) schist, locally gametiferous; minor graphitic stretched metaconglomerate and metagrit **(Nasina assem.)**
CARBONIFEROUS AND PERMIAN	**CPA1**	**CPA: ANVIL**	variably altered and foliated, locally augite-phyric basalt (local pillows), diorite and gabbro, chloritic greenstone, amphibolitic greenstone and amphibolite; minor metachert, siliceous argillite or siltstone, greywacke, tuff, and siliceous limestone

5 Description of Data Collected, Method of Collection, Equipment and Procedures

Three methods of sample collection were used during the 2013 geochemical evaluation of the JPL property; C-horizon soil sampling, rock sampling, and stream sediment sampling.

The soil sampling program was designed to cover the entire property with a contour soil sampling program that targeted C-horizon soil. 110 Soil samples were taken. Samples were taken at 50m intervals along OK Creek at a contour level that collected samples that were high enough in the elevation contour to avoid sampling the sluffing materials from uphill and attempt to sample freshly eroded C-horizon soil from as near to the bedrock interface as possible. All samples were taken with a 1.2m dutch auger and or/mattock. Once extracted the material nearest the bottom of the auger of mattock hole was then put in to brown kraft paper sample bags and sealed. For each sample taken there was a geolocation recorded with a hand-held Garmin GPS76Csx, as well as a number of other data observations.

All rock samples were collected by hand and or rock hammer from rock outcrops or float material. Once enough sample was obtained a photo of the sample and sample site were taken and the geolocation was recorded with a hand-held Garmin GPS along with other data observations. All rock samples were placed in to a 12x18 inch ore bag and sealed.

Stream sediment samples were taken at 500m intervals along OK Creek or at the mouth of OK Creek tributaries. All stream sediment samples were taken from the flowing creek where threre was gravel like dumps, (behind a larger rock, or stump, etc). Steam samples were collected by hand and then sieved with a 20mesh sieve. The sieved material was then photographed along with the sample site, geolocation was recorded, along with other observations, and the material was bagged in a cloth bag and sealed.

QAQC was provided in the lab by Acme Labs. A series of blanks and standards were run with all samples in order to provide QAQC. See assay certificates for more information. Also, with the soil samples field duplicates were taken at a ratio of 1 in 25 samples. No field duplicates were taken with the stream sediment samples or rock samples because the number of samples taken was considered too small.

All samples (soil, rock, sediment) were brought back to Dawson City then bagged in to rice

bags and shipped to Acme Labs Whitehorse for processing. After processing the prepared samples were sent to Acme Labs in Vancouver to be assayed. Analysis types and methods used for each sample can be viewed on the sample certificated included in this document.

6 Interpretations

This preliminary geochemical survey that included soil, rock, and stream sediment sampling

Soil sampling on the JPL property was useful in bringing to light the conditions under the moss layer that is so typical of this part of the Yukon. Assays that came back showed that there were not extremely elevated concentrations of gold in the underlying bedrock but there were assays in the survey that showed slightly elevated gold in assays. Due to the fact that samples were taken at 50m intervals throughout then entire JPL hard-rock claims around the same contour one unexpected bonus came out of this. Since we were going up to 1.2m under the surface every 50m with a auger we were able to identify areas where there were old river rocks. From this data we could see where there would have been an old river bed (the Yukon River??) that flowed perpendicular to OK Creek and parallel to the current Yukon River. This was significant because we know that these gravels have contained placer gold in other areas nearby. Occasionally when the soil sample assays did provide elevated gold values it is my belief that the elevated values were associated with the placer gravels. While the gravel was avoided and not taken while soil sampling it seems that all elevated gold values were correlated with a proximity to the gravel and where we it was thought to be avoided during the sampling process it may have contaminated the samples.

The rock grab samples that were taken were all low in economic mineralization except for one rock that stood out. Sample #1463034 when compared to the other rocks was considerably elevated in Cu, 254.1 ppb. Although this is not a extremely high number it did come from a rock that was interesting because I believed it to be at the contact between the Nasina Assemblage rock unit and the Anvil Range rock unit. This rock was extremely fine grained and metamorphosed with calcite staining and orange oxidation.

Stream Sediment samples did indicate elevated values of gold in the stream and helped to identify zones where elevated gold may exist. Due to the nature of the stream itself I believe that the samples taken were not to be totally trusted for two reasons. The first reason is because of the old river gravels that cut perpendicularly through OK Creek. This old river rock would hold mineralization that may have been carried from very distant placed and is also known to contain placer gold. This would skew the results. Secondly, the narrow stream bed of OK Creek is mostly frozen less than a meter from the surface. Most material collected was extremely fine and may have come from anywhere, most likely it is all old sand that has been transported and associated with the old river channels.

7 Conclusion

The geochemical program that was undertaken and described by this paper was successful in delivering information about the ground under the JPL claims. It is clear that there is a lot of gravel that was associated with a old river bed that ran perpendicular to the current OK Creek. The gravels should be further investigated because the have the potential to host placer gold in economic grades.

Because some soil samples and rock samples returned elevated values of Au where there are quartz veins I think this is significant because it shows that there is gold in the quartz veining system that has intruded the bedrock in the area. Across the Yukon River in the Klondike Gold Fields gold is concentrated inside of and in the wall-rock of large quartz veins such as the SHEBA Vien. Gold bearing quartz veins like the SHEBA vein are contained within felsic metavolcanic rocks. Locating more felsic altered rocks in the area of the JPL may prove to host quartz veins with higher gold concentrations. Also, the rock that contained elevated copper was interesting because of the many reports in the area of VMS style mineralization throughout that indicates possible larger VMS lenses that have yet to be located. In order to discover more targets to that would be elevated in gold or economic base metals it is recommended that a large scale reconnaissance type ridge and spur soil sampling program be undertaken. It has been proven that collecting C-horizon soil samples is one of the most effective methods of geochemical sampling because of the lack of recent glacial disturbance to the soil profile in the area.

Due to the old river channel that cross cuts OK Creek I don’t believe any further stream sediment sampling would be effective because of possible contamination the old river gravels would introduce to the current streams.

In conclusion the geochemical survey described here showed that there is no significant hard rock mineralization within the bounds of the current JPL 1 – 14 claims. The elevated gold values in quartz veining and the elevated copper values do suggest that there could be economic concentrations nearby and a larger scale ridge and spur soil

sampling/prospecting program should take place in 2014 that would delineate targets to follow up on within a few kilometres north and west of the JPL claims.

Appendix I: Copy of Assay Certificates

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Submitted By: Henry Vincent
Receiving Lab: Canada-Whitehorse
Received: August 22, 2013
Report Date: October 04, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000318.1

CLIENT JOB INFORMATION

Project: JPL
Shipment ID:
P.O. Number
Number of Samples: 12

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme 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
R200-250	12	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B03	12	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed	VAN
1DX2	12	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: OK Creek Mining
#105-7466 Beverly Blvd
Los Angeles 90036
USA

CC: Morgan Fraughton

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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. Acme 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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Client: **OK Creek Mining**
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Los Angeles 90036 USA

Project: JPL
Report Date: October 04, 2013

CERTIFICATE OF ANALYSIS WHI13000318.1

	Method	WGHT	3BMS	3BMS	3BMS	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	1	0.1	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
1463029	Rock	1.44	11	1.2	1.0	0.2	92.3	5.4	43	<0.1	42.7	18.9	934	2.76	1.0	9.7	1.6	133	<0.1	1.0	<0.1
1463030	Rock	2.86	9	2.2	1.6	0.1	73.4	1.1	56	<0.1	28.3	20.5	504	3.74	1.2	4.5	0.9	110	<0.1	0.5	<0.1
1463033	Rock	1.84	7	0.1	<0.5	0.8	33.4	2.0	84	<0.1	69.0	33.7	686	6.09	5.4	0.6	1.3	151	0.1	1.3	<0.1
1463034	Rock	0.64	7	0.3	<0.5	0.2	254.1	2.3	76	<0.1	95.8	28.8	1255	4.82	63.8	2.5	<0.1	212	0.2	25.3	<0.1
1463035	Rock	1.53	5	0.3	<0.5	<0.1	70.1	0.3	46	<0.1	167.4	33.2	702	3.29	1.3	1.5	<0.1	57	<0.1	0.8	<0.1
1463036	Rock	1.98	6	0.4	<0.5	<0.1	77.3	0.3	52	<0.1	158.8	35.6	609	3.01	2.9	0.8	<0.1	68	<0.1	1.4	<0.1
1463038	Rock	1.80	9	0.6	0.6	0.3	87.9	2.0	39	<0.1	50.4	18.3	1104	3.63	1.2	5.2	0.6	205	0.2	0.8	<0.1
1463039	Rock	2.35	8	0.7	1.0	0.6	65.0	2.5	36	<0.1	106.3	23.4	1396	3.85	9.8	1.7	0.5	517	0.2	0.5	<0.1
1463057	Rock	1.80	6	0.7	0.6	<0.1	20.8	0.6	29	<0.1	14.1	14.9	1309	1.83	0.9	1.3	0.3	108	<0.1	0.3	<0.1
1463125	Rock	1.48	6	<0.1	<0.5	0.3	5.7	8.3	3	3.3	0.7	0.2	35	0.44	7.3	1.4	1.2	12	<0.1	7.7	<0.1
1463126	Rock	0.93	7	0.5	1.2	2.1	7.0	18.7	14	5.9	1.6	0.4	45	1.20	19.3	3.3	2.9	18	<0.1	10.6	<0.1
1463127	Rock	1.59	5	<0.1	<0.5	0.2	0.9	10.5	7	0.2	1.0	0.4	58	0.61	3.7	2.0	8.2	13	<0.1	0.2	<0.1

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www.acmelab.com

Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Project: JPL
Report Date: October 04, 2013

CERTIFICATE OF ANALYSIS WHI13000318.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1463029	Rock	85	2.85	0.140	6	48	1.81	155	0.217	1	2.04	0.026	0.02	<0.1	<0.01	5.4	<0.1	<0.05	6	<0.5	<0.2
1463030	Rock	87	1.15	0.120	3	24	1.22	50	0.187	1	1.46	0.072	0.08	<0.1	<0.01	4.8	<0.1	<0.05	4	<0.5	<0.2
1463033	Rock	144	3.78	0.223	28	135	3.13	78	0.071	2	3.51	0.199	0.09	<0.1	0.01	18.0	<0.1	0.07	10	<0.5	<0.2
1463034	Rock	86	9.86	0.012	<1	60	3.69	40	<0.001	8	1.06	0.002	0.10	<0.1	0.24	8.4	<0.1	<0.05	2	<0.5	<0.2
1463035	Rock	80	2.69	0.039	<1	243	3.31	20	0.354	<1	2.88	0.018	0.02	<0.1	<0.01	5.1	<0.1	<0.05	5	<0.5	<0.2
1463036	Rock	71	2.22	0.043	<1	580	2.87	41	0.285	1	2.57	0.019	0.03	<0.1	<0.01	7.8	<0.1	<0.05	5	<0.5	<0.2
1463038	Rock	95	7.11	0.079	5	76	1.49	156	0.007	1	1.37	0.031	0.09	<0.1	<0.01	12.5	<0.1	<0.05	4	<0.5	<0.2
1463039	Rock	112	13.73	0.054	6	124	2.58	365	0.004	2	2.29	0.037	0.16	<0.1	0.01	13.7	<0.1	<0.05	6	<0.5	<0.2
1463057	Rock	46	14.99	0.067	<1	13	0.90	2100	0.183	<1	1.13	0.014	0.02	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1463125	Rock	4	0.07	0.004	6	7	0.02	690	0.002	<1	0.15	0.002	0.14	0.1	6.68	0.3	0.1	0.07	<1	<0.5	<0.2
1463126	Rock	5	0.04	0.007	11	15	0.02	427	0.003	<1	0.23	0.013	0.26	0.4	1.98	0.8	0.3	0.29	<1	0.9	<0.2
1463127	Rock	<2	0.44	0.006	21	2	<0.01	175	<0.001	<1	0.17	0.016	0.19	<0.1	0.07	0.6	<0.1	0.19	<1	<0.5	<0.2

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QUALITY CONTROL REPORT WHI13000318.1

	Method	WGHT	3BMS	3BMS	3BMS	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	1	0.1	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
1463029	Rock	1.44	11	1.2	1.0	0.2	92.3	5.4	43	<0.1	42.7	18.9	934	2.76	1.0	9.7	1.6	133	<0.1	1.0	<0.1
REP 1463029	QC		10	1.1	0.9																
1463127	Rock	1.59	5	<0.1	<0.5	0.2	0.9	10.5	7	0.2	1.0	0.4	58	0.61	3.7	2.0	8.2	13	<0.1	0.2	<0.1
REP 1463127	QC					0.2	1.1	11.6	8	<0.1	1.2	0.4	62	0.61	4.1	0.9	8.3	14	<0.1	0.2	<0.1
Core Reject Duplicates																					
1463057	Rock	1.80	6	0.7	0.6	<0.1	20.8	0.6	29	<0.1	14.1	14.9	1309	1.83	0.9	1.3	0.3	108	<0.1	0.3	<0.1
DUP 1463057	QC		7	0.7	0.6	<0.1	19.6	0.6	26	<0.1	12.8	12.8	1319	1.66	0.7	<0.5	0.2	108	<0.1	0.3	<0.1
Reference Materials																					
STD DS9	Standard					12.6	107.9	118.7	308	1.8	38.8	7.2	583	2.32	25.3	134.8	6.4	71	2.1	5.8	5.7
STD PD1	Standard		541	440.5	546.7																
STD DS9 Expected						12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32
STD PD1 Expected			542	456	563																
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank		6	<0.1	<0.5																
Prep Wash																					
G1-WHI	Prep Blank		6	<0.1	<0.5	0.4	3.5	4.8	45	<0.1	2.7	3.8	578	2.05	0.6	1.9	6.0	65	<0.1	<0.1	<0.1
G1-WHI	Prep Blank		6	0.2	<0.5	0.2	3.6	3.9	46	<0.1	2.3	3.9	581	1.96	0.7	1.8	6.1	64	<0.1	<0.1	<0.1

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	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																					
1463029	Rock	85	2.85	0.140	6	48	1.81	155	0.217	1	2.04	0.026	0.02	<0.1	<0.01	5.4	<0.1	<0.05	6	<0.5	<0.2
REP 1463029	QC																				
1463127	Rock	<2	0.44	0.006	21	2	<0.01	175	<0.001	<1	0.17	0.016	0.19	<0.1	0.07	0.6	<0.1	0.19	<1	<0.5	<0.2
REP 1463127	QC	<2	0.46	0.006	22	2	<0.01	188	<0.001	<1	0.17	0.016	0.19	<0.1	0.10	0.6	<0.1	0.19	<1	<0.5	<0.2
Core Reject Duplicates																					
1463057	Rock	46	14.99	0.067	<1	13	0.90	2100	0.183	<1	1.13	0.014	0.02	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
DUP 1463057	QC	42	15.40	0.057	<1	12	0.81	2152	0.182	1	1.05	0.016	0.02	<0.1	<0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																					
STD DS9	Standard	39	0.74	0.083	14	124	0.63	284	0.105	2	0.98	0.084	0.40	2.9	0.21	2.4	5.1	0.16	5	5.5	5.7
STD PD1	Standard																				
STD DS9 Expected		40	0.7201	0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
STD PD1 Expected																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	34	0.52	0.072	15	6	0.49	155	0.112	1	0.97	0.098	0.47	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1-WHI	Prep Blank	35	0.52	0.075	15	5	0.49	148	0.111	1	0.93	0.091	0.47	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Submitted By: Henry Vincent
Receiving Lab: Canada-Whitehorse
Received: August 22, 2013
Report Date: September 06, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000320.1

CLIENT JOB INFORMATION

Project: JPL
Shipment ID:
P.O. Number
Number of Samples: 11

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme 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	11	Dry at 60C			WHI
SS80	11	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	11	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: OK Creek Mining
#105-7466 Beverly Blvd
Los Angeles 90036
USA

CC: Morgan Fraughton

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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. Acme 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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Project: JPL
Report Date: September 06, 2013

CERTIFICATE OF ANALYSIS WHI13000320.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1463031	Sediment	0.7	15.3	11.9	52	<0.1	19.1	9.6	353	1.65	5.7	3.2	4.0	3.9	44	0.3	0.5	0.2	29	0.46	0.052
1463032	Sediment	0.6	21.0	12.1	61	0.1	21.9	8.6	233	1.84	6.0	4.5	4.7	3.9	50	0.3	0.7	0.2	33	0.54	0.053
1463037	Sediment	0.8	23.9	14.5	73	0.1	27.8	10.9	375	2.20	6.8	6.9	3.5	4.5	60	0.2	0.7	0.2	41	0.61	0.058
1463049	Sediment	0.9	20.8	15.4	58	<0.1	20.7	11.0	412	2.22	8.5	2.1	1.6	4.6	40	0.3	0.6	0.2	39	0.48	0.049
1463053	Sediment	1.0	20.0	21.3	55	0.1	15.4	6.7	312	1.80	8.6	3.7	3.3	4.4	44	0.4	0.9	0.2	28	0.53	0.055
1463058	Sediment	0.7	17.4	12.2	65	<0.1	22.7	9.4	439	2.02	6.0	3.8	2.9	5.2	52	0.3	0.4	<0.1	33	0.52	0.071
1463098	Sediment	0.6	17.2	11.6	58	<0.1	21.3	8.5	366	1.77	4.4	3.4	4.8	4.2	52	0.3	0.6	0.1	35	0.63	0.053
1463101	Sediment	0.6	33.8	13.0	74	0.1	37.2	15.5	3012	3.34	15.9	2.3	3.8	3.9	105	0.4	0.6	0.1	46	1.30	0.080
1463130	Sediment	0.9	23.4	13.5	75	0.1	37.8	15.0	6176	3.70	541.8	2.9	2.5	3.8	111	0.6	0.8	0.1	44	1.10	0.075
1463136	Sediment	0.7	33.1	14.7	80	0.2	34.7	14.8	2153	3.42	15.3	3.1	3.4	4.5	97	0.5	0.7	0.1	47	1.11	0.072
1463137	Sediment	0.3	16.9	11.2	63	0.1	24.2	9.8	1632	2.41	74.0	1.6	3.4	4.1	70	0.3	0.5	<0.1	36	0.74	0.061

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Project: JPL
Report Date: September 06, 2013

CERTIFICATE OF ANALYSIS WHI13000320.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1463031	Sediment	16	25	0.46	271	0.031	2	0.86	0.009	0.05	0.1	0.01	2.2	<0.1	<0.05	2	<0.5	<0.2
1463032	Sediment	13	23	0.49	289	0.038	<1	1.03	0.016	0.06	<0.1	0.04	3.1	<0.1	0.20	3	<0.5	<0.2
1463037	Sediment	17	31	0.65	353	0.046	2	1.27	0.016	0.08	0.2	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
1463049	Sediment	16	50	0.64	286	0.049	<1	1.20	0.010	0.06	<0.1	0.02	3.4	<0.1	<0.05	4	0.6	<0.2
1463053	Sediment	22	21	0.42	298	0.020	<1	1.03	0.010	0.09	<0.1	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1463058	Sediment	20	25	0.61	276	0.041	1	0.94	0.010	0.05	0.2	0.01	2.8	<0.1	<0.05	3	<0.5	<0.2
1463098	Sediment	15	27	0.56	290	0.039	<1	1.01	0.014	0.06	0.2	0.02	3.3	<0.1	0.08	3	<0.5	<0.2
1463101	Sediment	16	37	0.95	422	0.035	1	1.39	0.015	0.07	0.1	0.05	4.9	<0.1	<0.05	4	1.0	<0.2
1463130	Sediment	17	30	0.71	596	0.029	3	1.26	0.017	0.08	0.1	0.05	4.2	<0.1	<0.05	3	1.0	<0.2
1463136	Sediment	18	36	0.86	437	0.035	2	1.51	0.018	0.09	0.1	0.03	5.0	<0.1	0.07	4	0.7	<0.2
1463137	Sediment	15	27	0.57	316	0.034	1	1.07	0.014	0.07	0.3	0.02	3.5	<0.1	<0.05	3	1.0	<0.2

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Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Project: JPL
Report Date: September 06, 2013

QUALITY CONTROL REPORT WHI13000320.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1463101	Sediment	0.6	33.8	13.0	74	0.1	37.2	15.5	3012	3.34	15.9	2.3	3.8	3.9	105	0.4	0.6	0.1	46	1.30	0.080
REP 1463101	QC	0.8	33.9	13.3	75	0.1	36.6	16.3	2897	3.27	15.9	2.4	3.2	4.0	109	0.5	0.6	0.1	47	1.33	0.078
1463137	Sediment	0.3	16.9	11.2	63	0.1	24.2	9.8	1632	2.41	74.0	1.6	3.4	4.1	70	0.3	0.5	<0.1	36	0.74	0.061
REP 1463137	QC	0.4	16.9	12.0	61	0.1	24.3	10.0	1615	2.36	74.9	1.7	0.8	4.1	71	0.3	0.5	0.1	35	0.75	0.058
Reference Materials																					
STD DS9	Standard	13.2	112.8	128.7	310	1.8	41.6	7.4	574	2.26	24.8	2.8	123.8	6.0	70	2.3	6.1	6.2	42	0.70	0.084
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Project: JPL
Report Date: September 06, 2013

QUALITY CONTROL REPORT WHI13000320.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1463101	Sediment	16	37	0.95	422	0.035	1	1.39	0.015	0.07	0.1	0.05	4.9	<0.1	<0.05	4	1.0	<0.2
REP 1463101	QC	17	37	0.93	432	0.035	2	1.40	0.015	0.07	0.1	0.04	4.5	<0.1	<0.05	4	1.3	<0.2
1463137	Sediment	15	27	0.57	316	0.034	1	1.07	0.014	0.07	0.3	0.02	3.5	<0.1	<0.05	3	1.0	<0.2
REP 1463137	QC	16	28	0.57	318	0.034	2	1.09	0.014	0.06	0.2	0.03	3.5	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	14	120	0.63	292	0.113	3	0.95	0.079	0.39	3.1	0.20	2.7	5.1	0.11	5	5.9	5.3
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Submitted By: Henry Vincent
Receiving Lab: Canada-Whitehorse
Received: August 22, 2013
Report Date: September 06, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI13000319.1

CLIENT JOB INFORMATION

Project: JPL
Shipment ID:
P.O. Number
Number of Samples: 110

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme 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	110	Dry at 60C			WHI
SS80	110	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	110	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: OK Creek Mining
#105-7466 Beverly Blvd
Los Angeles 90036
USA

CC: Morgan Fraughton

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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All results are considered the confidential property of the client. Acme 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: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Project: JPL
Report Date: September 06, 2013

CERTIFICATE OF ANALYSIS WHI13000319.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1463001	Soil		36.8	142.0	35.4	303	0.8	190.5	50.0	552	5.69	31.6	1.5	2.1	8.1	70	2.4	18.5	0.3	30	0.99	0.143
1463002	Soil		2.7	38.6	18.0	92	0.2	35.6	12.5	451	2.59	17.7	0.7	2.9	5.1	49	0.5	1.8	0.2	46	0.98	0.090
1463003	Soil		8.7	76.9	22.4	120	0.4	101.6	36.5	772	4.84	45.6	0.9	6.5	5.9	65	0.6	3.8	0.2	59	1.34	0.175
1463004	Soil		14.0	140.8	47.3	163	0.8	139.1	51.3	1072	7.15	131.2	1.0	<0.5	7.0	142	3.3	4.3	0.2	39	2.52	0.193
1463005	Soil		6.9	90.6	85.1	134	0.5	82.4	45.2	815	4.69	101.9	0.8	2.6	12.0	65	1.2	14.4	0.3	48	0.88	0.105
1463006	Soil		11.4	125.9	39.5	179	0.8	192.3	74.4	1118	6.15	113.5	0.6	1.6	6.5	133	1.6	7.8	0.2	72	2.84	0.158
1463007	Soil		11.0	123.5	30.6	174	0.6	140.4	50.3	644	6.17	797.1	0.7	2.1	7.5	80	1.2	12.8	0.2	50	1.13	0.149
1463008	Soil		1.4	93.4	13.0	99	0.4	95.1	30.9	722	4.99	114.5	0.4	0.9	4.4	93	0.7	7.4	<0.1	54	2.59	0.172
1463009	Soil		2.5	68.9	19.1	95	0.1	73.8	21.4	493	4.39	47.0	0.9	2.4	5.2	31	0.3	2.1	0.1	64	0.70	0.101
1463010	Soil		9.6	95.6	56.2	197	0.5	114.7	33.9	665	5.47	44.1	0.9	2.6	8.5	56	1.7	3.4	0.2	41	0.90	0.163
1463011	Soil		12.0	69.0	65.8	126	0.8	51.2	17.2	396	3.31	22.3	0.8	3.8	19.0	25	1.6	8.4	0.3	30	0.29	0.071
1463012	Soil		19.3	98.8	67.4	144	1.0	63.2	23.8	426	4.34	34.3	0.9	4.0	18.9	29	1.8	7.9	0.3	34	0.29	0.093
1463013	Soil		16.0	99.9	34.6	216	0.7	144.6	37.9	630	5.66	1169	0.9	1.7	7.3	72	1.9	30.0	0.2	33	1.23	0.191
1463014	Soil		7.7	96.6	36.7	209	0.8	147.8	41.9	740	5.21	46.0	0.8	2.4	8.5	51	1.6	9.3	0.2	50	0.93	0.167
1463015	Soil		3.2	30.4	84.3	68	0.6	25.8	7.6	278	2.40	22.0	1.4	7.6	7.6	29	0.1	1.8	0.3	41	0.35	0.060
1463017	Soil		2.7	56.9	9.0	86	0.2	74.9	28.4	936	4.41	18.7	0.7	<0.5	4.3	256	0.4	1.0	<0.1	50	6.44	0.324
1463018	Soil		17.2	91.2	42.5	193	0.7	119.4	34.3	843	4.70	15.5	1.5	2.6	8.7	111	2.5	10.4	0.3	46	1.83	0.164
1463019	Soil		1.9	29.2	42.4	77	0.6	27.0	8.9	214	2.70	43.3	2.0	7.6	13.0	43	0.7	1.6	0.3	13	0.20	0.051
1463020	Soil		1.0	21.6	36.6	63	0.4	19.4	5.5	228	1.95	22.5	1.6	4.0	16.1	42	0.4	1.2	0.2	12	0.24	0.033
1463021	Soil		0.7	14.5	34.2	50	0.4	7.3	3.1	185	1.39	3.7	1.0	2.9	18.7	48	0.2	0.6	0.2	6	0.87	0.028
1463022	Soil		0.7	15.5	22.6	46	0.3	13.5	4.3	243	1.60	6.3	0.8	62.0	13.1	24	0.2	0.6	0.2	18	0.29	0.028
1463023	Soil		0.5	8.2	26.2	28	0.2	5.5	2.0	126	1.06	6.2	0.8	4.3	14.5	16	0.2	0.5	0.2	4	0.15	0.017
1463024	Soil		0.5	8.2	13.6	35	<0.1	7.9	2.6	83	1.07	4.2	1.0	0.6	6.5	13	0.1	0.5	0.1	12	0.12	0.009
1463025	Soil		0.8	13.1	16.2	36	0.3	9.2	3.4	101	1.43	8.9	1.6	4.4	7.5	17	0.2	0.8	0.1	20	0.10	0.012
1463026	Soil		2.2	10.2	30.7	35	0.8	5.1	2.0	101	1.45	6.1	2.4	4.8	16.9	20	0.2	1.1	0.3	7	0.11	0.015
1463027	Soil		1.1	10.4	12.1	29	0.1	7.4	2.5	111	1.54	12.9	1.1	1.9	4.4	17	<0.1	0.6	0.3	23	0.17	0.021
1463028	Soil		1.2	21.4	13.1	43	0.3	18.8	5.8	247	1.80	9.1	3.0	2.0	4.5	37	0.1	0.8	0.2	35	0.54	0.049
1463040	Soil		0.7	19.5	6.6	46	<0.1	22.8	8.0	299	1.90	7.1	1.3	<0.5	4.0	27	0.1	0.6	0.1	43	0.39	0.066
1463041	Soil		1.1	43.0	21.5	59	<0.1	20.6	21.8	431	3.05	17.0	3.9	<0.5	13.4	17	0.1	0.8	0.2	30	0.22	0.046
1463042	Soil		1.0	21.4	12.2	44	<0.1	26.9	8.8	236	2.37	10.8	3.0	7.8	5.2	20	<0.1	0.6	0.1	59	0.26	0.032

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Los Angeles 90036 USA

Project: JPL
Report Date: September 06, 2013

CERTIFICATE OF ANALYSIS WHI13000319.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1463001	Soil	5	37	0.98	76	0.003	<1	1.26	0.005	0.05	<0.1	0.07	3.4	<0.1	0.09	3	5.2	<0.2
1463002	Soil	14	29	0.68	315	0.056	1	1.21	0.020	0.08	0.2	0.04	4.2	<0.1	<0.05	3	<0.5	<0.2
1463003	Soil	18	68	1.31	199	0.024	<1	1.79	0.022	0.07	<0.1	0.05	6.5	<0.1	<0.05	5	2.1	<0.2
1463004	Soil	6	79	1.45	75	0.005	<1	1.69	0.008	0.05	<0.1	0.04	5.9	<0.1	0.24	4	5.0	<0.2
1463005	Soil	9	108	2.23	115	0.006	<1	2.23	0.009	0.04	<0.1	0.04	5.3	<0.1	0.15	6	2.6	<0.2
1463006	Soil	6	93	1.75	111	0.008	<1	2.12	0.007	0.04	<0.1	0.06	10.7	<0.1	0.17	6	1.8	<0.2
1463007	Soil	9	56	1.17	88	0.003	<1	1.47	0.018	0.06	<0.1	0.06	8.6	<0.1	0.15	4	3.2	<0.2
1463008	Soil	22	79	1.22	172	0.012	<1	1.80	0.006	0.08	<0.1	0.03	9.0	<0.1	<0.05	5	1.3	<0.2
1463009	Soil	26	76	1.18	229	0.020	<1	1.82	0.008	0.06	<0.1	0.05	8.6	<0.1	<0.05	5	0.7	<0.2
1463010	Soil	29	74	1.34	209	0.004	<1	1.85	0.005	0.06	<0.1	0.09	8.3	<0.1	<0.05	4	2.0	<0.2
1463011	Soil	23	51	1.05	142	0.007	<1	1.26	0.006	0.05	<0.1	0.08	4.4	<0.1	<0.05	3	2.4	<0.2
1463012	Soil	21	59	1.27	132	0.005	<1	1.48	0.006	0.04	<0.1	0.09	5.5	<0.1	0.07	4	3.8	<0.2
1463013	Soil	20	51	0.94	211	0.005	<1	1.30	0.007	0.06	<0.1	0.11	6.8	<0.1	0.13	3	2.7	<0.2
1463014	Soil	15	99	1.58	154	0.005	<1	2.01	0.008	0.07	<0.1	0.07	10.3	<0.1	0.09	5	1.9	<0.2
1463015	Soil	18	46	0.66	276	0.041	<1	1.25	0.017	0.06	0.2	0.10	3.6	0.1	<0.05	4	1.3	<0.2
1463017	Soil	23	74	1.87	55	0.035	<1	2.07	0.008	0.04	<0.1	<0.01	5.3	<0.1	0.54	5	<0.5	<0.2
1463018	Soil	26	81	1.58	134	0.017	<1	1.84	0.011	0.06	<0.1	0.08	3.0	<0.1	0.05	4	2.7	<0.2
1463019	Soil	23	9	0.17	354	0.007	<1	0.60	0.009	0.11	<0.1	0.08	4.2	<0.1	0.14	1	1.3	<0.2
1463020	Soil	30	10	0.19	421	0.010	<1	0.60	0.008	0.12	<0.1	0.08	3.5	<0.1	0.08	1	<0.5	<0.2
1463021	Soil	48	4	0.54	499	0.003	<1	0.74	0.006	0.06	<0.1	0.05	4.5	<0.1	<0.05	2	<0.5	<0.2
1463022	Soil	34	10	0.46	450	0.010	<1	0.87	0.008	0.06	0.1	0.03	3.5	<0.1	<0.05	3	<0.5	<0.2
1463023	Soil	46	4	0.21	421	0.006	<1	0.58	0.004	0.08	<0.1	0.01	2.1	<0.1	<0.05	2	<0.5	<0.2
1463024	Soil	16	9	0.43	204	0.016	<1	0.73	0.005	0.04	<0.1	0.01	2.1	<0.1	<0.05	2	<0.5	<0.2
1463025	Soil	21	13	0.34	243	0.020	<1	0.77	0.011	0.06	<0.1	0.04	2.2	<0.1	<0.05	2	<0.5	<0.2
1463026	Soil	34	7	0.21	285	0.009	<1	0.52	0.008	0.06	<0.1	0.06	2.2	<0.1	<0.05	1	<0.5	<0.2
1463027	Soil	16	15	0.34	214	0.023	<1	0.69	0.008	0.06	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5	<0.2
1463028	Soil	21	21	0.40	377	0.037	<1	0.92	0.014	0.05	0.2	0.05	3.3	<0.1	<0.05	3	1.2	<0.2
1463040	Soil	13	22	0.54	187	0.045	<1	0.85	0.018	0.05	0.1	0.01	3.0	<0.1	<0.05	2	<0.5	<0.2
1463041	Soil	29	15	1.51	221	0.010	<1	1.95	0.009	0.03	<0.1	<0.01	5.3	<0.1	<0.05	4	<0.5	<0.2
1463042	Soil	12	34	0.46	213	0.054	<1	1.25	0.012	0.06	0.2	<0.01	5.3	<0.1	<0.05	4	<0.5	<0.2

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Los Angeles 90036 USA

Project: JPL
Report Date: September 06, 2013

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1463043	Soil		0.5	95.0	4.7	60	0.1	57.5	27.2	893	4.91	13.0	0.9	2.7	1.8	88	0.2	0.6	<0.1	133	4.02	0.069
1463044	Soil		0.4	101.2	4.2	63	0.1	103.0	31.0	780	3.86	9.2	0.8	1.1	1.1	87	<0.1	0.9	<0.1	93	1.98	0.057
1463045	Soil		0.1	118.9	3.1	40	<0.1	51.8	22.3	582	2.90	2.2	0.3	5.1	1.4	67	<0.1	0.7	<0.1	74	1.32	0.127
1463046	Soil		1.1	32.8	5.0	58	0.2	43.5	29.2	625	3.12	85.2	1.2	21.5	2.2	99	0.2	1.8	<0.1	62	3.64	0.061
1463047	Soil		4.6	45.6	55.8	145	0.3	49.7	16.0	581	2.68	17.8	1.1	2.0	8.6	28	0.9	1.2	0.2	48	0.54	0.066
1463048	Soil		5.2	62.7	39.2	132	0.4	62.8	19.9	595	3.49	11.8	1.0	9.1	10.0	40	0.7	1.6	0.7	42	0.74	0.080
1463050	Soil		1.3	28.0	22.5	83	0.6	32.8	9.9	513	2.85	236.2	2.0	6.6	11.6	29	0.3	2.5	0.3	13	0.37	0.047
1463051	Soil		8.6	106.8	26.8	186	0.4	118.1	45.7	1092	5.57	51.4	0.7	6.0	6.1	92	1.6	10.1	0.2	56	1.81	0.161
1463052	Soil		12.0	95.9	26.5	200	0.6	118.8	37.8	1050	4.32	16.4	0.8	0.9	7.5	67	2.2	7.8	0.2	34	0.54	0.128
1463054	Soil		0.8	15.4	26.0	56	0.1	16.2	7.3	257	1.81	6.3	2.5	2.0	8.0	26	0.1	0.5	0.2	31	0.27	0.027
1463055	Soil		0.4	190.9	4.9	88	<0.1	37.6	24.9	844	3.93	5.5	0.9	4.1	1.5	61	<0.1	0.9	<0.1	77	0.95	0.080
1463056	Soil		0.6	64.4	8.1	69	<0.1	36.4	16.3	641	3.05	7.7	0.7	1.8	3.2	46	0.2	1.0	0.1	59	0.77	0.107
1463059	Soil		0.7	74.3	6.5	58	<0.1	27.6	14.8	383	3.52	7.7	0.5	2.4	2.4	23	<0.1	0.9	0.1	88	0.37	0.044
1463060	Soil		0.9	90.1	8.0	68	<0.1	34.1	16.6	513	3.37	5.5	1.5	5.5	2.7	41	<0.1	0.5	0.1	70	0.71	0.074
1463061	Soil		0.7	35.4	6.3	64	<0.1	39.4	14.6	386	3.07	5.9	0.8	<0.5	2.3	34	0.2	0.6	0.1	70	0.51	0.051
1463062	Soil		0.5	67.7	5.8	58	<0.1	102.2	26.1	791	3.21	4.7	0.3	6.4	1.6	29	<0.1	1.2	<0.1	63	0.62	0.039
1463063	Soil		0.2	106.6	4.6	54	<0.1	77.1	23.9	634	3.49	2.3	0.4	3.7	1.7	59	<0.1	0.8	<0.1	74	1.83	0.141
1463064	Soil		0.2	64.0	4.0	50	<0.1	44.1	17.8	517	2.75	3.5	0.4	<0.5	1.8	33	<0.1	0.6	<0.1	55	0.80	0.147
1463065	Soil		0.2	77.8	4.8	59	<0.1	48.3	20.6	507	3.64	2.6	0.4	<0.5	3.0	41	<0.1	0.6	<0.1	65	0.77	0.130
1463066	Soil		0.1	99.7	4.4	58	<0.1	51.3	21.0	563	3.32	2.4	0.5	<0.5	2.5	50	<0.1	0.9	<0.1	57	0.98	0.107
1463067	Soil		0.3	83.9	6.8	56	<0.1	43.1	19.8	505	3.69	1.7	0.4	0.7	2.5	48	<0.1	0.6	<0.1	77	0.93	0.079
1463068	Soil		0.1	90.5	2.7	57	<0.1	42.5	22.2	594	3.23	1.2	0.2	<0.5	1.9	41	<0.1	0.7	<0.1	67	0.92	0.136
1463069	Soil		0.1	90.5	5.2	63	<0.1	49.3	23.1	551	3.50	1.6	0.3	<0.5	2.4	59	<0.1	0.8	<0.1	66	0.90	0.137
1463070	Soil		0.3	56.3	5.8	56	<0.1	51.1	17.5	434	3.06	3.3	0.7	<0.5	2.3	50	<0.1	1.0	<0.1	71	1.06	0.086
1463071	Soil		0.3	56.6	5.3	57	<0.1	46.8	19.1	515	3.16	3.3	0.6	0.9	2.0	55	0.2	0.8	<0.1	72	1.01	0.087
1463072	Soil		0.1	101.3	3.9	68	<0.1	69.7	28.9	912	4.28	3.2	0.4	1.5	2.3	55	<0.1	1.0	<0.1	109	1.71	0.109
1463073	Soil		0.2	99.2	4.4	55	<0.1	99.9	28.8	873	4.09	2.2	0.2	11.5	1.2	50	0.1	1.3	<0.1	104	1.35	0.102
1463074	Soil		0.4	46.8	4.0	53	<0.1	124.5	20.1	388	3.25	3.1	1.0	<0.5	1.6	47	<0.1	1.0	<0.1	70	1.01	0.059
1463075	Soil		0.2	69.6	4.5	61	<0.1	85.4	24.8	641	3.78	2.3	0.5	<0.5	1.8	46	<0.1	0.9	<0.1	97	0.84	0.122
1463076	Soil		<0.1	84.6	2.5	59	<0.1	81.6	27.5	738	4.47	2.1	0.4	<0.5	1.1	57	0.1	1.4	<0.1	118	1.67	0.103

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1463043	Soil		9	114	2.58	229	0.044	<1	2.87	0.007	0.05	<0.1	0.02	15.4	<0.1	<0.05	8	<0.5	<0.2
1463044	Soil		5	158	2.68	77	0.176	<1	2.52	0.010	0.06	<0.1	0.02	5.8	<0.1	<0.05	7	<0.5	<0.2
1463045	Soil		6	56	3.67	39	0.065	<1	2.27	0.015	0.02	<0.1	<0.01	8.5	<0.1	<0.05	5	<0.5	<0.2
1463046	Soil		8	181	1.52	150	0.121	<1	1.63	0.010	0.04	0.2	0.03	8.3	<0.1	<0.05	4	<0.5	<0.2
1463047	Soil		24	50	0.91	190	0.034	<1	1.35	0.011	0.05	0.2	0.03	4.0	<0.1	<0.05	4	0.9	<0.2
1463048	Soil		20	69	1.79	98	0.002	<1	1.81	0.007	0.04	<0.1	0.02	3.3	<0.1	<0.05	4	0.5	<0.2
1463050	Soil		35	31	0.59	184	0.004	<1	0.97	0.014	0.06	<0.1	0.03	3.0	<0.1	0.05	2	1.6	<0.2
1463051	Soil		20	71	1.93	85	0.010	<1	2.26	0.006	0.06	<0.1	0.06	6.1	<0.1	<0.05	6	3.0	<0.2
1463052	Soil		20	50	1.38	49	0.004	1	1.68	0.009	0.05	<0.1	0.07	4.3	<0.1	0.10	4	3.0	<0.2
1463054	Soil		25	26	0.42	283	0.042	<1	1.13	0.009	0.08	<0.1	0.02	3.1	<0.1	<0.05	3	0.6	<0.2
1463055	Soil		7	41	1.57	270	0.110	2	2.30	0.010	0.09	0.1	0.02	4.8	<0.1	<0.05	6	0.6	<0.2
1463056	Soil		10	27	0.98	293	0.080	<1	1.50	0.017	0.07	0.2	<0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
1463059	Soil		9	35	0.91	260	0.089	1	2.13	0.009	0.05	0.1	<0.01	5.8	<0.1	<0.05	7	1.0	0.2
1463060	Soil		13	43	1.08	244	0.089	1	2.05	0.020	0.07	0.1	0.02	6.2	<0.1	<0.05	6	0.8	<0.2
1463061	Soil		9	60	0.98	262	0.112	<1	1.93	0.012	0.06	0.1	<0.01	4.4	<0.1	<0.05	6	0.5	<0.2
1463062	Soil		6	148	1.76	153	0.140	<1	2.07	0.010	0.03	<0.1	0.05	6.8	<0.1	<0.05	5	0.8	<0.2
1463063	Soil		12	97	2.76	118	0.072	2	2.42	0.008	0.04	<0.1	0.02	9.4	<0.1	<0.05	6	0.6	<0.2
1463064	Soil		7	45	2.36	156	0.087	<1	2.02	0.007	0.03	<0.1	<0.01	5.0	<0.1	<0.05	5	0.6	<0.2
1463065	Soil		9	44	2.52	168	0.098	<1	2.53	0.007	0.05	<0.1	<0.01	4.7	<0.1	<0.05	6	0.7	<0.2
1463066	Soil		10	47	2.56	234	0.075	<1	2.50	0.010	0.06	<0.1	0.02	5.2	<0.1	<0.05	6	1.2	<0.2
1463067	Soil		13	55	2.42	217	0.044	<1	2.60	0.011	0.06	<0.1	0.01	6.5	<0.1	<0.05	7	0.8	<0.2
1463068	Soil		4	31	2.59	114	0.111	<1	2.21	0.004	0.04	<0.1	<0.01	4.5	<0.1	<0.05	6	<0.5	<0.2
1463069	Soil		7	43	2.78	191	0.111	<1	2.45	0.006	0.05	<0.1	<0.01	4.7	<0.1	<0.05	6	0.6	<0.2
1463070	Soil		10	65	1.67	198	0.088	1	2.10	0.011	0.04	<0.1	0.02	6.2	<0.1	<0.05	6	0.8	<0.2
1463071	Soil		9	51	1.84	209	0.064	<1	2.08	0.011	0.04	<0.1	0.03	6.5	<0.1	<0.05	6	1.0	<0.2
1463072	Soil		7	85	2.75	145	0.125	<1	2.55	0.008	0.03	<0.1	<0.01	8.7	<0.1	<0.05	8	<0.5	<0.2
1463073	Soil		4	174	2.91	79	0.141	<1	2.40	0.008	0.02	<0.1	0.01	9.7	<0.1	<0.05	7	<0.5	<0.2
1463074	Soil		8	166	1.62	196	0.119	<1	2.30	0.012	0.03	0.1	0.02	7.5	<0.1	<0.05	6	0.6	<0.2
1463075	Soil		6	107	2.22	123	0.114	<1	2.33	0.008	0.04	<0.1	<0.01	8.3	<0.1	<0.05	6	<0.5	<0.2
1463076	Soil		6	112	3.06	171	0.134	<1	2.86	0.009	0.08	<0.1	0.01	10.3	<0.1	<0.05	8	<0.5	<0.2

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Project: JPL
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CERTIFICATE OF ANALYSIS WHI13000319.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1463077	Soil		0.2	101.4	3.4	61	<0.1	85.6	31.4	775	4.88	9.7	0.3	1.3	1.5	112	0.1	2.5	<0.1	127	4.51	0.083
1463078	Soil		0.2	100.7	3.7	66	<0.1	57.7	29.0	756	4.66	2.5	0.5	<0.5	3.1	90	<0.1	2.9	<0.1	132	3.39	0.153
1463079	Soil		0.4	43.5	6.5	58	<0.1	91.1	24.3	946	4.66	6.1	0.6	1.4	1.8	37	0.1	1.4	0.1	117	0.86	0.045
1463080	Soil		0.3	93.9	3.8	57	<0.1	186.9	34.0	811	4.94	13.7	0.3	2.7	0.6	73	<0.1	14.3	<0.1	98	4.47	0.069
1463081	Soil		0.4	186.6	5.4	57	<0.1	117.1	32.5	889	5.12	51.1	0.4	2.1	0.2	99	0.2	49.2	<0.1	98	5.21	0.096
1463082	Soil		0.3	67.0	3.6	51	<0.1	171.5	33.9	726	4.08	3.9	0.1	<0.5	1.1	26	<0.1	1.9	<0.1	85	0.99	0.018
1463083	Soil		0.3	89.9	4.4	47	<0.1	139.1	36.1	643	3.41	6.9	0.4	0.8	1.0	89	0.1	1.5	<0.1	68	4.31	0.035
1463084	Soil		0.3	61.4	0.8	60	<0.1	191.4	39.0	818	4.70	1.2	0.3	1.4	<0.1	85	0.1	1.2	<0.1	105	6.14	0.046
1463085	Soil		0.3	59.3	4.2	70	<0.1	134.9	40.6	1044	5.83	2.1	0.2	1.8	0.5	92	0.1	1.3	<0.1	146	5.02	0.089
1463086	Soil		0.1	70.5	1.7	56	<0.1	117.9	29.7	746	3.89	1.2	0.5	1.4	1.0	134	0.1	1.3	<0.1	117	4.50	0.127
1463087	Soil		0.3	59.0	3.8	59	0.1	66.0	23.8	683	3.74	5.2	0.5	2.9	2.0	142	0.1	1.0	<0.1	85	5.00	0.092
1463088	Soil		0.3	83.2	2.2	47	<0.1	98.0	29.1	690	4.40	2.1	0.3	2.8	0.9	134	0.1	1.1	<0.1	102	7.37	0.069
1463089	Soil		0.5	87.2	4.5	64	<0.1	115.1	35.1	1276	5.55	3.9	0.8	6.5	1.9	116	0.2	1.0	0.1	133	4.42	0.150
1463090	Soil		1.5	79.9	3.0	63	<0.1	113.1	35.4	873	5.36	9.8	0.6	3.0	1.4	61	0.2	1.5	<0.1	103	2.40	0.086
1463091	Soil		0.7	64.6	9.8	65	<0.1	122.3	29.6	939	4.44	2.3	0.2	2.9	1.1	46	0.2	0.7	<0.1	96	0.92	0.050
1463092	Soil		0.7	49.9	4.1	88	0.1	87.2	27.7	835	5.15	5.7	0.7	2.2	1.8	65	0.2	2.0	<0.1	127	2.22	0.074
1463093	Soil		1.4	503.9	11.5	103	0.9	50.6	38.2	1604	10.14	18.1	0.8	21.9	6.7	77	0.4	1.6	0.2	249	2.30	0.115
1463094	Soil		0.8	111.0	6.4	67	0.1	38.3	22.4	679	5.17	4.9	0.4	2.2	4.1	51	0.1	0.5	<0.1	146	1.03	0.069
1463095	Soil		0.8	29.7	12.4	48	0.1	21.4	9.5	356	2.08	5.1	1.0	10.7	6.4	55	0.1	0.7	0.1	45	0.99	0.062
1463096	Soil		0.7	31.0	9.8	53	<0.1	27.0	10.2	306	2.44	5.7	1.6	2.6	5.0	31	<0.1	0.7	<0.1	50	0.48	0.051
1463097	Soil		0.5	41.1	7.1	56	<0.1	24.8	17.2	420	2.94	4.1	1.8	2.8	4.5	19	<0.1	0.5	<0.1	39	0.25	0.036
1463099	Soil		2.1	37.6	12.4	62	0.2	52.1	15.2	416	2.84	20.7	0.7	78.6	6.0	26	0.2	1.2	<0.1	52	0.41	0.047
1463100	Soil		1.5	17.0	31.8	52	0.4	14.3	5.3	223	1.74	388.6	1.4	10.2	15.7	35	0.2	2.0	0.1	15	0.24	0.021
1463102	Soil		39.8	107.9	40.7	319	2.0	104.9	17.7	448	4.26	80.3	1.8	5.9	12.5	38	4.0	9.7	0.3	38	0.80	0.149
1463103	Soil		0.9	45.7	6.6	61	0.2	62.6	17.7	629	3.33	89.0	1.0	4.7	3.8	28	<0.1	2.0	0.1	70	0.50	0.055
1463104	Soil		32.7	97.9	37.1	335	1.7	98.3	16.4	485	3.20	34.5	1.1	5.0	11.4	18	4.1	3.0	0.3	21	0.25	0.107
1463105	Soil		37.0	108.8	31.1	340	0.9	105.6	16.8	459	4.55	647.4	2.2	8.2	9.9	42	2.0	11.1	0.3	33	0.28	0.095
1463106	Soil		33.2	88.7	40.1	313	1.4	94.0	17.0	481	3.84	90.8	2.2	5.8	11.0	41	3.0	8.1	0.3	34	0.44	0.125
1463107	Soil		12.4	36.3	43.3	84	1.2	30.0	2.6	120	3.40	62.3	7.3	4.6	12.6	45	0.6	2.8	0.3	41	0.24	0.068
1463108	Soil		0.5	19.1	44.7	56	1.2	17.7	4.8	182	1.44	20.8	1.9	14.3	19.2	21	0.2	1.0	0.3	19	0.24	0.024

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1463077	Soil		6	102	3.08	123	0.071	2	2.74	0.007	0.06	<0.1	0.01	17.7	<0.1	<0.05	7	<0.5	<0.2
1463078	Soil		13	46	1.92	263	0.097	1	2.36	0.007	0.29	<0.1	0.03	12.9	0.2	<0.05	7	<0.5	<0.2
1463079	Soil		11	125	1.64	347	0.022	1	2.87	0.013	0.04	0.1	0.02	18.6	<0.1	<0.05	7	<0.5	<0.2
1463080	Soil		3	245	2.62	195	0.024	2	2.97	0.007	0.06	<0.1	0.16	18.9	<0.1	<0.05	6	<0.5	<0.2
1463081	Soil		2	116	1.62	205	0.002	2	2.26	0.008	0.10	<0.1	0.52	24.6	0.2	<0.05	4	0.9	<0.2
1463082	Soil		4	268	2.75	174	0.196	<1	3.24	0.008	0.03	<0.1	<0.01	10.9	<0.1	<0.05	6	<0.5	<0.2
1463083	Soil		4	215	2.39	138	0.204	2	2.46	0.011	0.03	<0.1	0.02	7.4	<0.1	<0.05	5	<0.5	<0.2
1463084	Soil		2	284	3.02	102	0.069	<1	3.26	0.006	0.02	<0.1	<0.01	15.6	<0.1	<0.05	7	<0.5	<0.2
1463085	Soil		7	192	2.85	136	0.106	<1	3.27	0.009	0.03	<0.1	0.02	17.2	<0.1	<0.05	9	<0.5	<0.2
1463086	Soil		5	203	2.86	119	0.167	1	2.40	0.009	0.15	<0.1	0.02	10.8	0.1	<0.05	7	<0.5	<0.2
1463087	Soil		10	87	1.77	229	0.106	<1	2.15	0.036	0.06	<0.1	0.03	9.4	<0.1	<0.05	6	0.9	<0.2
1463088	Soil		7	140	1.80	155	0.014	<1	2.27	0.013	0.05	<0.1	0.04	14.7	<0.1	<0.05	6	<0.5	<0.2
1463089	Soil		15	183	2.28	226	0.040	2	2.72	0.011	0.05	<0.1	0.02	18.9	<0.1	<0.05	8	<0.5	<0.2
1463090	Soil		12	160	2.04	229	0.064	<1	3.51	0.015	0.03	<0.1	0.02	17.9	<0.1	<0.05	9	<0.5	<0.2
1463091	Soil		7	196	2.36	409	0.106	1	2.96	0.012	0.05	<0.1	0.01	16.6	<0.1	<0.05	7	<0.5	<0.2
1463092	Soil		11	135	2.55	274	0.006	1	3.36	0.008	0.05	<0.1	<0.01	18.8	<0.1	<0.05	9	<0.5	<0.2
1463093	Soil		39	29	2.71	348	0.007	<1	3.78	0.006	0.04	<0.1	0.04	40.4	<0.1	<0.05	13	1.8	<0.2
1463094	Soil		23	40	1.64	252	0.023	<1	2.54	0.011	0.04	<0.1	0.01	17.3	<0.1	<0.05	9	<0.5	<0.2
1463095	Soil		19	28	0.82	395	0.037	<1	1.46	0.013	0.04	0.3	0.03	5.2	<0.1	<0.05	4	<0.5	<0.2
1463096	Soil		15	33	1.18	237	0.051	<1	1.78	0.011	0.05	<0.1	0.02	5.2	<0.1	<0.05	4	<0.5	<0.2
1463097	Soil		12	28	2.27	130	0.061	<1	2.37	0.009	0.04	<0.1	<0.01	5.0	<0.1	<0.05	5	<0.5	<0.2
1463099	Soil		22	46	0.81	175	0.038	<1	1.32	0.013	0.07	0.3	<0.01	4.7	<0.1	<0.05	4	<0.5	<0.2
1463100	Soil		47	11	0.24	240	0.009	1	0.63	0.013	0.11	<0.1	0.02	2.2	<0.1	<0.05	1	<0.5	<0.2
1463102	Soil		20	19	0.56	394	0.001	<1	1.04	0.005	0.10	0.3	0.15	4.8	0.2	<0.05	2	7.4	0.3
1463103	Soil		16	60	1.05	242	0.040	1	1.60	0.016	0.05	0.2	0.03	7.6	<0.1	<0.05	5	<0.5	<0.2
1463104	Soil		22	19	0.81	125	0.002	<1	0.79	0.004	0.03	0.2	0.10	1.5	<0.1	<0.05	2	3.4	<0.2
1463105	Soil		16	19	0.47	220	0.003	1	0.94	0.006	0.07	0.3	0.14	3.8	0.2	<0.05	2	4.9	<0.2
1463106	Soil		18	20	0.58	327	0.002	<1	1.00	0.007	0.09	0.2	0.09	4.6	0.2	<0.05	3	5.3	<0.2
1463107	Soil		44	29	0.92	533	0.004	<1	1.53	0.027	0.08	0.3	0.13	2.3	0.3	<0.05	5	2.2	<0.2
1463108	Soil		45	13	0.79	253	0.010	<1	1.10	0.014	0.04	<0.1	0.08	2.4	<0.1	<0.05	3	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1463109	Soil		0.4	87.6	33.0	92	0.9	46.1	8.1	162	2.55	31.9	1.5	5.8	15.7	28	0.2	1.9	0.4	27	0.19	0.077
1463110	Soil		0.5	59.2	31.8	104	0.4	67.1	10.8	166	3.20	9.0	2.1	1.2	7.4	21	<0.1	1.5	0.3	40	0.21	0.024
1463111	Soil		1.0	45.6	38.3	93	0.5	53.1	11.1	193	2.63	32.4	1.4	2.8	12.1	23	<0.1	11.3	0.3	38	0.24	0.030
1463112	Soil		0.7	25.4	35.5	70	0.5	24.4	6.0	176	1.96	19.6	2.2	4.7	12.6	16	<0.1	1.8	0.2	26	0.17	0.041
1463113	Soil		1.4	21.2	35.9	85	0.8	23.2	4.4	122	2.25	19.7	2.1	4.0	15.4	16	0.2	2.1	0.4	14	0.12	0.021
1463114	Soil		6.0	65.5	23.8	93	0.8	61.9	12.9	358	3.06	40.1	3.3	3.1	5.6	32	0.3	5.9	0.2	49	0.30	0.032
1463115	Soil		2.9	20.4	145.1	85	9.1	12.3	7.2	584	3.52	69.9	0.5	4.2	2.7	50	0.4	40.1	0.1	34	0.31	0.126
1463116	Soil		11.9	2.1	65.3	5	14.4	0.9	0.1	7	2.60	49.7	0.2	47.4	4.7	58	<0.1	36.7	0.2	10	0.03	0.025
1463117	Soil		0.8	15.1	17.6	38	0.2	16.8	5.9	235	1.73	460.1	1.0	50.9	9.0	23	0.1	2.0	<0.1	32	0.32	0.028
1463118	Soil		0.9	14.2	39.1	39	0.3	12.6	4.2	177	1.14	595.2	2.3	134.0	16.7	30	0.2	4.8	0.1	11	0.25	0.014
1463119	Soil		9.7	67.4	16.9	135	0.6	129.0	18.0	420	3.13	154.7	1.0	3.2	4.8	140	0.8	5.1	<0.1	30	7.31	0.139
1463120	Soil		1.8	46.3	27.6	109	0.3	88.5	23.1	644	4.63	2424	0.9	3.5	7.1	97	0.2	11.0	0.2	11	1.58	0.097
1463121	Soil		21.8	121.2	41.3	282	1.0	133.8	26.9	1202	5.24	5231	4.0	4.8	5.6	208	3.4	18.3	0.4	43	0.49	0.103
1463122	Soil		0.6	9.1	19.9	36	<0.1	12.0	4.4	200	1.74	17.5	0.7	0.5	10.2	18	<0.1	0.8	0.1	32	0.22	0.013
1463123	Soil		0.6	10.8	30.4	25	0.3	9.3	3.0	140	1.21	8.5	1.5	4.9	12.5	63	0.2	0.5	0.2	14	1.54	0.019
1463124	Soil		0.4	11.0	27.7	27	0.1	9.1	2.8	146	1.30	6.1	1.3	3.9	12.9	55	0.1	0.5	0.1	15	1.21	0.013
1463128	Soil		5.2	46.5	21.3	90	0.2	37.7	7.1	178	3.66	97.0	1.2	2.3	3.8	31	0.2	6.1	0.2	39	0.25	0.032
1463129	Soil		38.3	94.5	24.8	305	1.2	99.6	19.9	629	3.80	193.4	2.8	12.1	7.8	87	4.7	10.1	0.2	28	4.07	0.187
1463131	Soil		1.2	5.2	39.9	9	0.6	1.3	0.2	12	1.01	7.9	0.7	4.0	15.4	12	<0.1	0.5	0.2	2	0.05	0.011
1463132	Soil		1.3	4.9	40.8	8	0.7	1.6	0.3	14	1.15	9.9	0.6	3.4	14.2	11	<0.1	0.5	0.3	2	0.05	0.012

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Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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www.acmelab.com

Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Project: JPL
Report Date: September 06, 2013

CERTIFICATE OF ANALYSIS WHI13000319.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1463109	Soil	52	29	1.07	264	0.004	<1	1.44	0.004	0.05	<0.1	0.07	1.6	<0.1	<0.05	4	<0.5	<0.2
1463110	Soil	35	40	0.83	744	0.005	<1	1.75	0.007	0.09	<0.1	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
1463111	Soil	62	30	0.87	683	0.009	<1	1.65	0.007	0.10	0.1	0.06	2.7	<0.1	<0.05	4	0.5	<0.2
1463112	Soil	38	17	0.78	225	0.011	<1	1.24	0.007	0.05	0.1	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
1463113	Soil	48	10	1.48	200	0.004	<1	1.68	0.007	0.05	<0.1	0.05	1.8	<0.1	<0.05	4	<0.5	<0.2
1463114	Soil	24	27	0.48	719	0.012	1	1.43	0.012	0.08	0.3	0.13	4.0	0.1	<0.05	4	0.5	<0.2
1463115	Soil	10	22	0.25	413	0.037	1	1.06	0.015	0.27	0.7	0.88	3.0	0.3	0.27	3	0.9	<0.2
1463116	Soil	4	14	0.01	130	0.004	<1	0.07	0.052	0.49	1.0	3.35	0.8	1.4	0.99	<1	2.4	<0.2
1463117	Soil	25	16	0.30	286	0.020	2	0.73	0.017	0.08	0.2	0.09	3.0	<0.1	<0.05	2	<0.5	<0.2
1463118	Soil	51	6	0.09	313	0.002	<1	0.42	0.007	0.10	0.1	0.16	2.4	0.1	<0.05	<1	<0.5	<0.2
1463119	Soil	15	52	0.82	374	0.002	2	0.77	0.017	0.07	0.1	0.14	3.0	<0.1	0.06	2	1.7	<0.2
1463120	Soil	16	17	0.60	185	<0.001	1	0.65	0.021	0.10	<0.1	0.11	5.7	0.2	0.08	<1	1.2	<0.2
1463121	Soil	7	15	0.39	797	<0.001	<1	1.18	0.017	0.16	0.2	0.47	9.1	1.2	0.13	2	2.7	0.2
1463122	Soil	28	16	0.40	446	0.024	<1	0.87	0.011	0.08	0.1	0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
1463123	Soil	38	8	0.29	647	0.003	<1	0.69	0.015	0.12	<0.1	0.12	3.4	<0.1	<0.05	2	<0.5	<0.2
1463124	Soil	35	9	0.27	556	0.003	<1	0.67	0.012	0.11	<0.1	0.08	3.5	<0.1	<0.05	2	<0.5	<0.2
1463128	Soil	12	24	0.16	911	0.007	<1	1.09	0.009	0.11	<0.1	0.04	3.9	0.1	<0.05	3	1.0	<0.2
1463129	Soil	18	12	0.35	557	0.003	<1	0.53	0.008	0.07	0.5	0.23	3.6	0.2	<0.05	1	4.5	<0.2
1463131	Soil	27	1	0.09	205	<0.001	<1	0.22	0.019	0.10	<0.1	0.03	1.0	<0.1	0.22	<1	<0.5	<0.2
1463132	Soil	26	2	0.07	235	0.001	<1	0.19	0.021	0.14	<0.1	0.03	0.9	<0.1	0.33	<1	<0.5	<0.2

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Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

Project: JPL
Report Date: September 06, 2013

QUALITY CONTROL REPORT WHI13000319.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1463013	Soil	16.0	99.9	34.6	216	0.7	144.6	37.9	630	5.66	1169	0.9	1.7	7.3	72	1.9	30.0	0.2	33	1.23	0.191
REP 1463013	QC	14.7	99.5	32.8	211	0.6	149.1	37.1	611	5.55	1163	0.9	2.8	7.1	71	2.0	30.1	0.2	32	1.20	0.189
1463014	Soil	7.7	96.6	36.7	209	0.8	147.8	41.9	740	5.21	46.0	0.8	2.4	8.5	51	1.6	9.3	0.2	50	0.93	0.167
REP 1463014	QC	7.2	101.4	34.9	220	0.7	152.1	43.6	717	5.23	45.9	0.8	38.5	8.4	50	1.9	9.6	0.2	50	0.94	0.172
1463065	Soil	0.2	77.8	4.8	59	<0.1	48.3	20.6	507	3.64	2.6	0.4	<0.5	3.0	41	<0.1	0.6	<0.1	65	0.77	0.130
REP 1463065	QC	0.3	78.8	4.7	63	<0.1	47.7	21.0	516	3.59	2.8	0.4	1.2	3.0	42	<0.1	0.6	<0.1	63	0.76	0.134
1463066	Soil	0.1	99.7	4.4	58	<0.1	51.3	21.0	563	3.32	2.4	0.5	<0.5	2.5	50	<0.1	0.9	<0.1	57	0.98	0.107
REP 1463066	QC	0.2	98.8	4.1	57	<0.1	50.4	20.9	569	3.35	2.3	0.5	<0.5	2.5	51	<0.1	0.9	<0.1	56	0.96	0.106
1463103	Soil	0.9	45.7	6.6	61	0.2	62.6	17.7	629	3.33	89.0	1.0	4.7	3.8	28	<0.1	2.0	0.1	70	0.50	0.055
REP 1463103	QC	0.8	43.9	6.5	63	0.2	58.1	17.6	598	3.30	89.0	1.0	29.5	3.8	28	<0.1	1.9	<0.1	69	0.48	0.052
1463104	Soil	32.7	97.9	37.1	335	1.7	98.3	16.4	485	3.20	34.5	1.1	5.0	11.4	18	4.1	3.0	0.3	21	0.25	0.107
REP 1463104	QC	29.1	99.6	33.9	330	1.5	96.0	17.2	489	3.16	33.6	1.1	5.3	10.9	16	3.8	3.0	0.3	20	0.25	0.103
1463132	Soil	1.3	4.9	40.8	8	0.7	1.6	0.3	14	1.15	9.9	0.6	3.4	14.2	11	<0.1	0.5	0.3	2	0.05	0.012
REP 1463132	QC	1.5	4.9	40.4	8	0.6	1.4	0.3	13	1.13	9.6	0.6	2.9	14.3	11	0.1	0.6	0.2	3	0.05	0.011
Reference Materials																					
STD DS9	Standard	13.6	105.6	130.8	316	1.8	39.4	7.4	601	2.36	26.0	2.9	129.0	6.8	81	2.3	6.5	7.3	37	0.77	0.088
STD DS9	Standard	13.0	109.7	127.9	312	1.8	41.2	7.2	562	2.21	24.7	2.8	116.2	6.3	71	2.1	5.9	7.0	40	0.68	0.081
STD DS9	Standard	11.9	109.7	131.5	301	1.9	38.9	7.6	537	2.20	24.5	2.7	112.7	5.9	65	2.4	5.9	6.3	39	0.64	0.082
STD DS9	Standard	13.5	103.9	125.8	305	1.8	40.2	7.7	578	2.30	24.2	2.9	118.1	6.6	79	2.7	5.8	6.3	41	0.75	0.085
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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PHONE (604) 253-3158

Client: **OK Creek Mining**
#105-7466 Beverly Blvd
Los Angeles 90036 USA

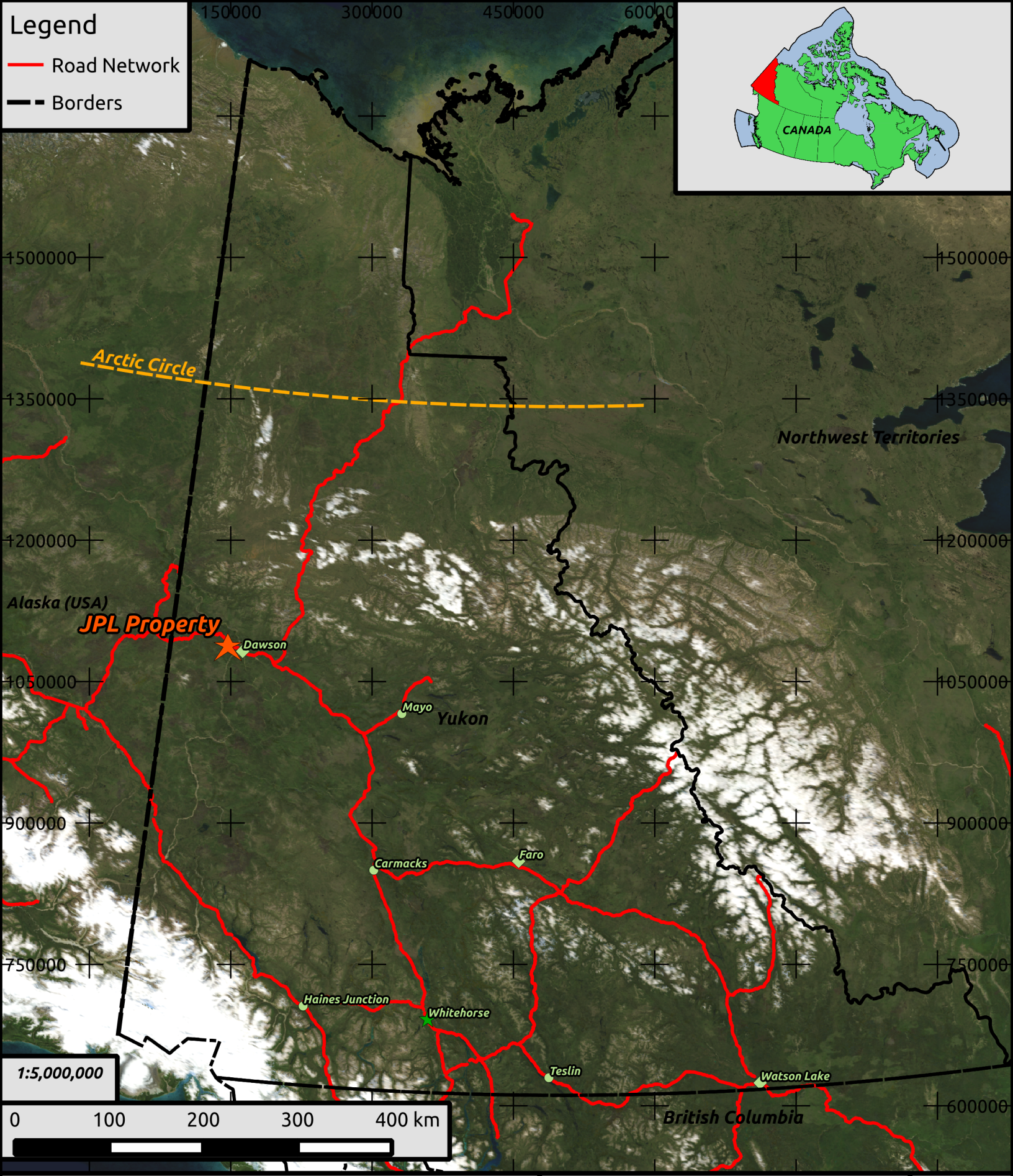
Project: JPL
Report Date: September 06, 2013

QUALITY CONTROL REPORT WHI13000319.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1463013	Soil	20	51	0.94	211	0.005	<1	1.30	0.007	0.06	<0.1	0.11	6.8	<0.1	0.13	3	2.7	<0.2
REP 1463013	QC	18	47	0.92	200	0.005	<1	1.24	0.007	0.06	<0.1	0.11	6.8	<0.1	0.13	3	1.6	<0.2
1463014	Soil	15	99	1.58	154	0.005	<1	2.01	0.008	0.07	<0.1	0.07	10.3	<0.1	0.09	5	1.9	<0.2
REP 1463014	QC	14	98	1.62	147	0.005	<1	2.01	0.008	0.06	<0.1	0.08	10.8	<0.1	0.10	5	<0.5	<0.2
1463065	Soil	9	44	2.52	168	0.098	<1	2.53	0.007	0.05	<0.1	<0.01	4.7	<0.1	<0.05	6	0.7	<0.2
REP 1463065	QC	9	44	2.58	169	0.096	<1	2.57	0.007	0.05	<0.1	<0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
1463066	Soil	10	47	2.56	234	0.075	<1	2.50	0.010	0.06	<0.1	0.02	5.2	<0.1	<0.05	6	1.2	<0.2
REP 1463066	QC	9	47	2.44	239	0.066	<1	2.34	0.009	0.05	<0.1	0.03	5.2	<0.1	<0.05	6	0.7	<0.2
1463103	Soil	16	60	1.05	242	0.040	1	1.60	0.016	0.05	0.2	0.03	7.6	<0.1	<0.05	5	<0.5	<0.2
REP 1463103	QC	15	59	1.02	227	0.039	<1	1.54	0.016	0.05	0.2	0.02	7.7	<0.1	<0.05	5	<0.5	<0.2
1463104	Soil	22	19	0.81	125	0.002	<1	0.79	0.004	0.03	0.2	0.10	1.5	<0.1	<0.05	2	3.4	<0.2
REP 1463104	QC	21	19	0.78	112	0.002	<1	0.78	0.004	0.03	0.2	0.10	1.5	<0.1	<0.05	2	3.6	<0.2
1463132	Soil	26	2	0.07	235	0.001	<1	0.19	0.021	0.14	<0.1	0.03	0.9	<0.1	0.33	<1	<0.5	<0.2
REP 1463132	QC	27	2	0.07	241	0.001	<1	0.19	0.022	0.14	<0.1	0.03	0.9	<0.1	0.32	<1	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	15	123	0.66	314	0.118	1	0.99	0.085	0.40	3.0	0.22	2.6	5.3	0.13	5	5.6	5.0
STD DS9	Standard	13	119	0.61	280	0.105	<1	0.90	0.079	0.38	3.0	0.21	2.4	5.1	0.13	4	4.7	5.1
STD DS9	Standard	12	119	0.61	288	0.101	1	0.88	0.078	0.37	3.0	0.18	2.2	5.2	0.15	4	5.0	4.9
STD DS9	Standard	16	120	0.62	306	0.117	2	0.99	0.087	0.39	2.7	0.21	2.9	5.2	0.09	5	5.2	5.1
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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.

Appendix II: Claim Maps



Project Locator Map

Projection: Yukon Albers (EPSG:3579)

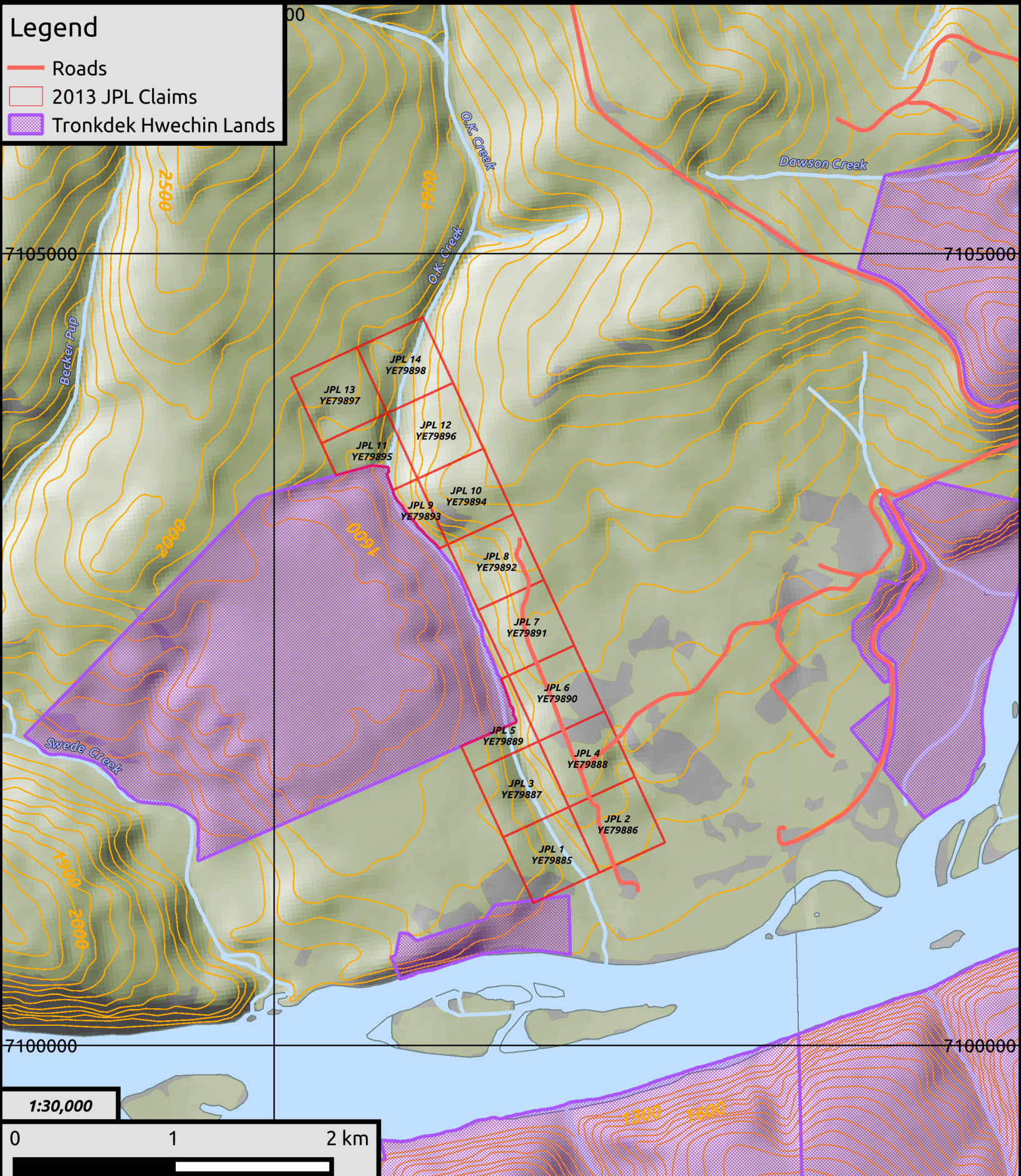
Datum: NAD83(CSRS)

Author: Morgan Fraughton

For: O.K. Creek Mining and Exploration

Location of JPL Claims within the Yukon Territory

N



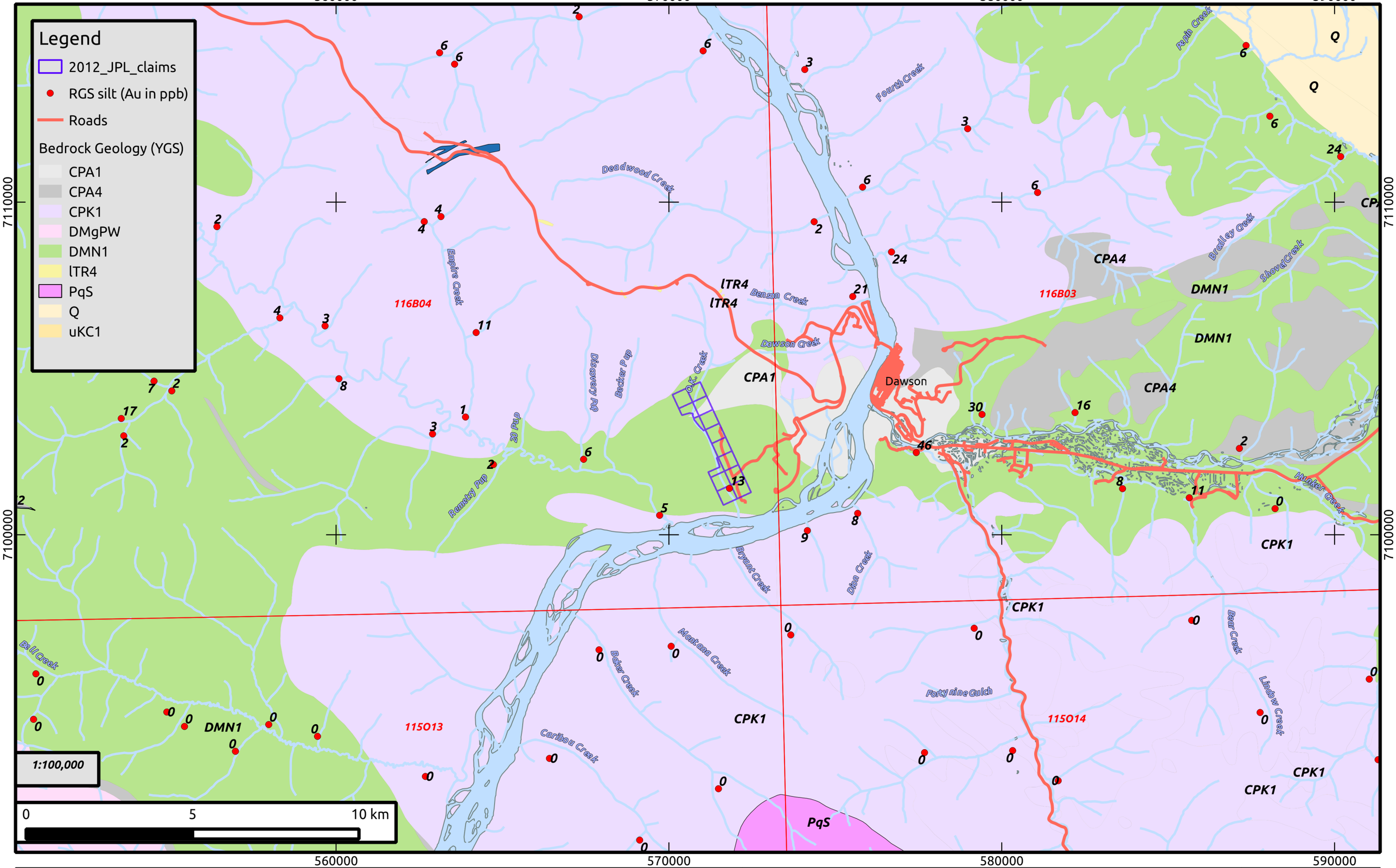
September 2013 JPL Claims

Projection: UTM Zone 7 (EPSG:3154)

Datum: NAD83(CSRS)

Author: Morgan Fraughton

N



JPL Property Geology

Author: Morgan Fraughton

For: O.K. Creek Mining and Exploration

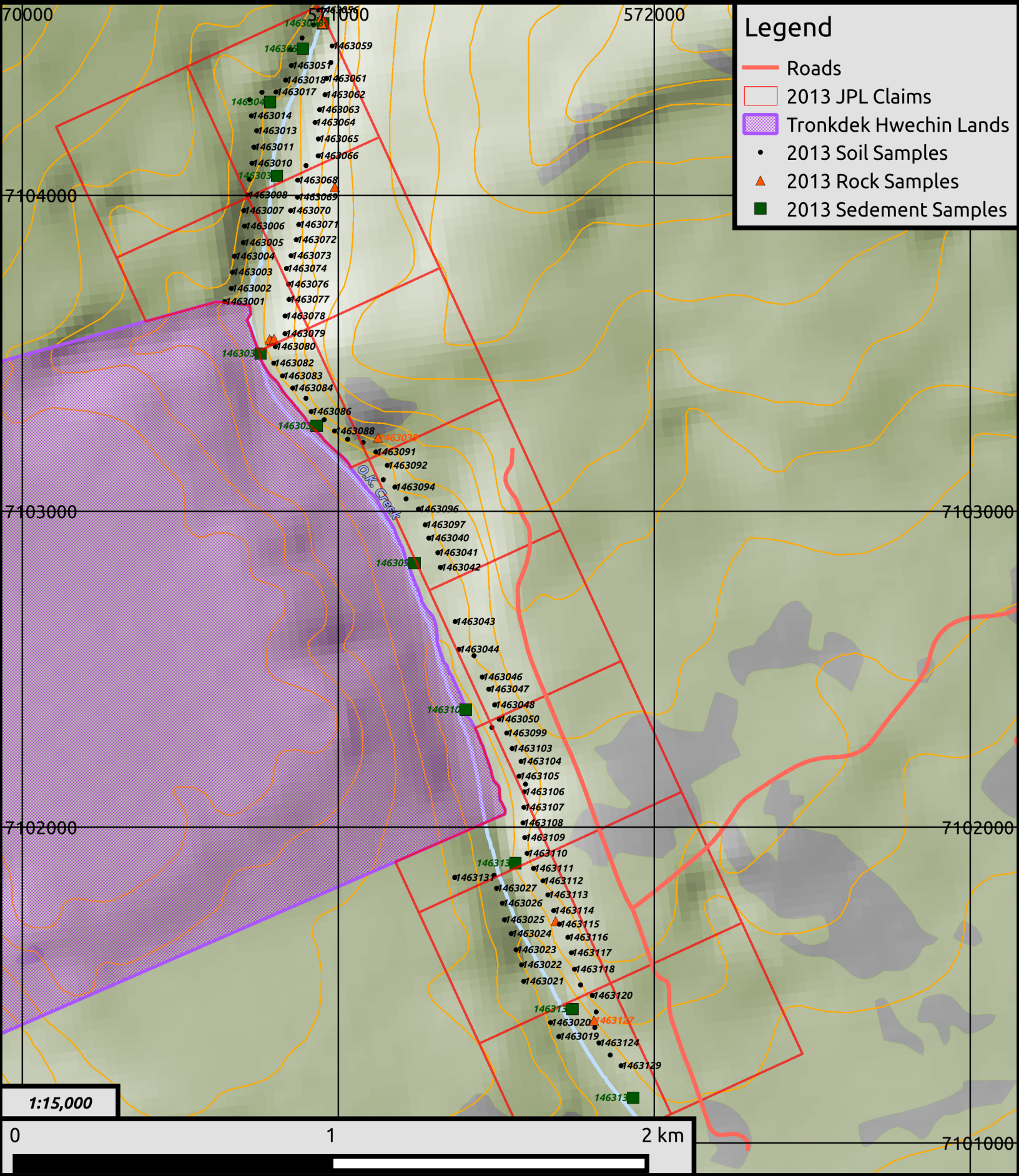
Projection: UTM Zone 7 (EPSG:3154)

Datum: NAD83(CSRS)

Regional Geology of the JPL claims

N

Appendix III: Sample Location Map



2013 JPL Geochemical Samples

Projection: UTM Zone 7 (EPSG:3154)

Datum: NAD83(CSRS)

Author: Morgan Fraughton

N

Appendix IV: Signed Statement of qualifications

I, Morgan Fraughton, of Spere Exploration Inc., Box 1381, Dawson, Yukon, Canada

DO HEREBY CERTIFY that:

1. I have been employed in the mineral exploration industry in Western Canada for the past 8 years.

2. I have been a prospector in the Yukon for the last 5 years.

3. I am the president of exploration services company Spere Exploration Inc.

4. This report is based upon knowledge of the Property gained from a review of existing industry and government reports as well as past work done on the property.

Signed and Dated this 21st day of July, 2014

Morgan Fraughton

President/CEO

Spere Exploration Inc.

Appendix V: Statement of Expenditures

Description		Rate	Unit	Total
Soil Sampling and Sediment Sampling (Aug. 1 – 6, 2013)				**$ 6,022.00**
Soil Sampling Technician	per day	$ 350.00	6	$ 2,100.00
Flagging, ID Tags, Sample Bags, Ore Bags, Rice Bags, radios, GPS etc.	per day	$ 100.00	6	$ 600.00
Truck	per day	$ 50.00	6	$ 300.00
ATV	per day	$ 40.00	6	$ 240.00
ATV Tub Trailer	per day	$ 10.00	6	$ 60.00
Chainsaw	per day	$ 10.00	6	$ 60.00
Acme Laboratories, Vancouver, B.C./SOILS and Sediment	per sample	$ 22.00	121	$ 2,662.00
Prospecting (Aug 9 – 11, 2014)				**$ 1,432.00**
Prospector	per day	$ 350.00	2	$ 700.00
Flagging, ID Tags, Sample Bags, Ore Bags, Rice Bags, radios, GPS etc.	per day	$ 100.00	2	$ 200.00
Truck	per day	$ 50.00	2	$ 100.00
ATV	per day	$ 40.00	2	$ 80.00
ATV Tub Trailer	per day	$ 10.00	2	$ 20.00
Chainsaw	per day	$ 10.00	2	$ 20.00
Acme Laboratories, Vancouver, B.C./ROCKS	per sample	$ 26.00	12	$ 312.00
Report Writing				$ 500.00
TOTAL EXPENSES				**$ 7,954.00**

Appendix VI: Bibliography/References:

Gordey, S.P. and Makepeace, A.J. (comp.) 1999: Yukon bedrock geology in Yukon digital geology, S.P. Gordey and A.J. Makepeace (comp.); Geological Survey of Canada Open File D3826 and Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-1(D)