

# **YMEP Final Report for the DUN Property**

## *For Work Completed in 2015*

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NTS Maps 115H03 & 115H04

**Claim Owners: E. Charles (Charlie) Long, Edward (Ed) Long**

**Location: 61°9' N, 137°58' W**

**Whitehorse Mining District**

**Ruby Range, Yukon Territory**

Casey Cardinal, Edward Long & Riley Gibson

1/31/2016

## Table of Contents

Introduction.....	1
Location .....	1
Access .....	2
History.....	2
Sampling Techniques.....	3
Past Work & Prospecting.....	3
2015 Field Program & Findings.....	5
Expenditures.....	9
Conclusion & Recommendations .....	10
Statement of Qualifications.....	11
Appendix A: Data & Certificates.....	12

## Introduction

The DUN property consists of 140 quartz claims around Fourth of July Creek and its surrounding tributaries. The claims lie approximately 50 km northwest of the community of Haines Junction, situated in the area between Kluane Lake and Aishihik Lake. The DUN claims cover the gold-producing creeks Fourth of July and Twelfth of July, which are tributaries of the Jarvis River. This area has long been a target for hard rock and placer exploration, and has recently been a focus of claim staking in the Ruby Range. Work on the DUN project will attempt to locate the source of abundant placer gold in the area. Encouraging results from the parallel placer exploration program undertaken by All-In Exploration Solutions Inc. helps provide positive motivation to continue hard rock regional exploration for the source of local placer gold within the DUN property.

The main intention of the first portion of the 2015 field program was to complete two test pits at the sites of the two highest Au in soil anomalies collected on the property to date with soils and rock chip samples taken from the pits, as well as soils collected from four different directions surrounding each test pit. The focus of the second portion of the field program was for the geologist (Rick Zuran, B.Sc.) to complete a small focused survey of the area with respect to air photo observations outlined in a short study of air photos of the property, completed by Zuran in the spring of 2015. Several rock chip samples and soils were also collected by Zuran, who then summarized his observations in a short report to help develop a geological model regarding the targeting of potential gold environments from which future work is recommended.

## Location

The DUN claims are located in the Ruby Range in the region between Kluane Lake and Aishihik Lake. The claim block is approximately 200 km west of the City of Whitehorse, and 50 km northwest of the community of Haines Junction. The DUN claims are centered on latitude of 61°9' N and longitude of 137°58' W in NTS Map Sheets 115H 03 and 115H 04.

Claim Number	Claim Owner	Grant Number	Expiry Date
DUN 1-16	E. Charles Long	YD32721 - YD32736	12/31/2016
DUN 41-48	E. Charles Long	YD32761 - YD32768	12/31/2016
DUN 57-68	E. Charles Long	YD32777 - YD32788	12/31/2016
DUN 70-74	E. Charles Long	YD32790 - YD32794	12/31/2016
DUN 85-100	E. Charles Long	YD32805 - YD32820	12/31/2016
DUN 101-104	E. Charles Long	YD72507 - YD72510	12/31/2016
DUN 121-183	Edward (Ed) Long	YE62909 - YE62971	12/31/2016
DUN 220-235	E. Charles Long	YE54932 - YE54947	12/31/2016

Table 1: Claim names/numbers, grant numbers and expiry dates.

## **Access**

The DUN claims can be accessed by following the Alaska Highway for 56 km northwest of Haines Junction, and an additional 38 km by 4x4 along the Cultus Lake Road, east of Kluane Lake. There is road access on the property from a local placer mining operation. Alternative access is by helicopter, which is a 50 km flight from Haines Junction. There is also an airstrip at the south end of the property, which could easily be cleared and repaired to working condition.

## **History**

On July 4<sup>th</sup>, 1903, the first discovery claim in the area was staked by “Tagish” Charlie on Fourth of July Creek upon discovering gold. This initiated a large rush to the Kluane area which would last for several years to come. Tagish Charlie’s find in 1903 was the first payable placer gold found in the Kluane district. Tagish Charlie, together with George Carmack and Skookum Jim Mason, had discovered placer gold on Bonanza Creek in 1896 which started the Klondike Gold Rush.

More recently, the most notable work has been done in the area surrounding Minfile occurrences 115H 047 and 115H 055, also known as the Killermun Lake property which is owned by Rockhaven Resources. The majority of work done here was in the late 80’s until present. On occurrence 115H 047, the most significant work was carried out by Cash Minerals which included over 300m of diamond drilling, soil sampling and trenching. The interest in this area was fuelled by assay results for quartz-carbonate vein material in float, which returned 126.9 g/t Au. With extensive sampling and trenching, a peak value of 193.57 g/t was returned. Through drilling and trenching, mineralized structures were well defined laterally and vertically; however, this mineralization was variable ranging from 0.01g/t to over 100g/t Au.

Occurrence 115H 055 has had over 2000 m of diamond drilling done, in addition to various amounts of trenching, soil sampling and geophysics. In one location, a vein system 50 to 100 m wide was traced horizontally for 350 m and vertically for 245 m. The grades range from 3g/t to 50g/t Au with a peak value of 123g/t Au from a grab sample, and a drill intersection of 2.83 g/t Au over 6.80 m.

Both of the cited Minfile occurrences lay in the range of ~10km east of the claim block. The mineralization consists of arsenopyrite and native gold in quartz-carbonate vein material. At each occurrence, topographical lineations were identified correlating to vein material in float.

Mineralization is structurally controlled and well-defined laterally and vertically, but with variable grade.

## **Sampling & Assay Methods**

Soil samples were collected from the C soil horizon (or B horizon in the case that the C horizon could not be reached) using a 5 ft. Dutch auger. Each sample was then put into a kraft soil sample bag, each sample weighing approximately 2 lbs. At each station, the soil sampler took notes and recorded the geographical coordinates of the location where the sample was collected. Each soil station was marked with fluorescent orange flagging. The soil preparation procedure was done by Bureau Veritas Mineral Laboratories Canada Ltd. in Whitehorse, which consists of crushing and drying the soil samples, then sieving them to 200 mesh.

All samples were then sent down to the Bureau Veritas lab in Vancouver to be assayed. The soils were tested using 30 Element, Aqua Regia ICP, and Au fire assay. The rocks were tested using lead-collection fire assay fusion with AAS finish, and Aqua Regia ICP.

## **Past Field Work & Prospecting**

The 2010 and 2011 soil sampling program was developed to provide a preliminary look into the area surrounding Fourth of July Creek. October 2010 soil samples were collected at 450 m intervals along the staking grid, with 900 m spacing between lines. The June 2011 program was ridge and spur soils at 250 m intervals in the southeast corner of the claim block. The August 2011 soil sampling program was also ridge and spur soils, done at 150 m intervals. The September 2011 soil sampling program infilled areas of anomalous gold values from soils collected in October 2010. This was done on the west side of claim block. No significant gold mineralization was located; however, there were a handful of soil samples that appeared to produce mildly anomalous results, ranging from 30 ppb to 70 ppb Au.

During the 2012 field season, a more detailed and extensive ridge and spur soils program was carried out to further define potential targets within the claim block on which to focus future work. In addition, regional stream sediment samples were collected in the majority of creeks and major tributaries, and some prospecting was completed. A total of 333 soils and 16 stream sediment samples were collected in 2012. Soils returned several anomalous Au results (peaking at 79 ppb),

which coincided with significant As results (peaking at 215 ppm). Stream sediment samples from Larose Creek and some its tributaries in the eastern part of the claim block returned several anomalous Au values which correlated with high Au values in soils from the same area (peaking at 39 ppb Au). Also, a highly anomalous Au value of 796 ppb was returned from a silt collected below a canyon on Twelfth of July Creek before it merges with Fourth of July Creek. It was decided that this spot would be re-sampled in 2013 to confirm the anomaly. Given the size of the eastern portion of the claim block and the limited sampling done here, it was also decided that more sampling was needed to define a clearer target within this part of the claim block.

The main focus of the 2013 field program was to carry out more focused ridge and contour soils in the eastern portion of the claim block around Larose Creek, which yielded the majority of significant assay results in soils and stream sediments collected during the 2012 field program. In addition, an extensive stream sediment sampling program was carried out in this area along Larose Creek and its tributaries where 2012 stream sediments assayed as high as 70 ppb Au. A total of 122 soils and 18 stream sediment samples were collected. The peak Au value in soil was collected on a ridge (between Larose Creek and Tributary 1 which yielded a number of significant Au values in silts) and assayed 112.9 ppb Au (sample 11518). A handful of somewhat anomalous soils also came from this area and are between 10 and 20 ppb Au. Overall, it was found that the Au background values in soil are much higher in this area than in any other portion of the claim block.

Stream sediments returned some highly anomalous Au values along Larose Creek and its tributaries. A peak value of 6506.3 ppb Au was returned from a sample collected on Rabbit Creek (sample 226), which connects lower down on Larose Creek shortly before it merges with Twelfth of July Creek. Out of the ten samples collected along this tributary, five are between 10 and 30 ppb Au. These samples also assayed between 25 and 45 ppm As. Interestingly, soil sample 11518 lies to the south, directly above Rabbit Creek. In addition, two other highly anomalous samples came from higher up on Larose Creek. One was collected where two forks converge at the top of the creek, taken from the north fork (sample 11765). This sample returned a value of 2584.4 ppb Au. Another sample about 1.5 km further down Larose Creek (sample 11767) assayed 391.9 ppb Au.

Another very strong Au value came from a silt collected at roughly the same spot where a 2012 sample assayed 796 ppb. This sample (sample 11769) was collected just below a canyon on Twelfth of July Creek before it merges with Fourth of July Creek, and yielded 3331.9 ppb Au. It had been shown in past soils results that the most anomalous Au numbers were mainly clustered in the eastern portion of the property in the southern portion of Twelfth of July Creek, eastern portion of Larose

Creek and in the lower Rabbit Creek drainage. While some soils were collected on the slopes east of Larose and north of Twelfth of July Creeks, the majority of sampling and prospecting during the 2014 field season was focused within and on the margins of Rabbit Creek, where a number of silts and soils produced significant Au values. A more focused contour soils program was carried out to provide more data coverage of this area, and to hopefully define additional potential targets within this portion of the claim block. A total of 197 soils and 13 rocks were collected, and roughly 3 yards of coarse fluvial sediment was moved by hand and fed through a 4-foot powered sluice to test for placer potential.

2014 soils further proved that the highest Au values on the DUN property are within the Larose Creek/Rabbit Creek area. A peak value of 660.3 ppb Au was returned from a soil collected on the south side of Rabbit Creek, the highest Au value from a soil collected on the DUN property to date. In addition, a small cluster of highly anomalous As results just above the sluicing area returned a new peak value of 292.4 ppm As, with surrounding values of 175, 186, 196 and 292 ppm As. Test sluicing on Rabbit Creek revealed that the gravel at the test area is very boulder and cobble rich and clast supported, with little finer matrix material. Although 3 yards of material was moved, it was 90% large boulders and rocks. A small amount of very coarse gold was recovered; however, the successful recovery rate of the sluice is unknown.

## **2015 Field Program & Findings**

The main intention of the first portion of the field program (July 21-25) was to complete two test pits (or small 'trenches') at the sites of the two highest Au in soil anomalies collected on the property to date. Soil and rock samples were taken from within the pits, as well as soils collected from the four cardinal directions surrounding the perimeter of each test pit (see Figure 1). A day was also taken to traverse the mountains surrounding the Larose Creek drainage and collect several rock samples for assay. The third and final portion of the field program was done in the early fall (September 8-11), with the geologist (Rick Zuran, B.Sc.) visiting the property and spending several days surveying the Larose Creek/Rabbit Creek portion of property. The main focus of work conducted in 2015 was for the geologist to complete a small focused survey of the area to ground truth observations outlined in a short study of air photos of the property, completed by Zuran in the spring of 2015. Several rock chip samples and soils were also collected by Zuran, who then summarized his observations in a short report to help develop a geological model regarding the targeting of potential gold environments from which future work is recommended.



*Figure 1 – Test pit #2.*

A total of 19 soils, 18 rocks and 3 stream sediment samples (assayed as soils) were collected during the 2015 field program (with 7 of these samples collected off of the DUN property). Although the 2015 field program was considerably less extensive than in previous years, some useful information was provided by the short air photo study and field program conducted by the geologist that may outline some geological parameters, possibly providing insight into the location of gold in-situ on the DUN property.

### ***Geological Air Photo Analysis & Field Survey***

At this point it is difficult to make a definitive gold model for the DUN Property, as more work is needed to properly identify a gold source in-situ. However, a number of observations made during the field program of 2015 can help steer future exploration towards potentially better targets on the property regarding gold mineralization.

The air photo analysis (Zuran, 2015) revealed distinctive sub-parallel east-west trending lineaments evenly spaced at approximately 900 metres, and locally intersecting north-northeast trending



lineaments (see Figure 2 – a). Ground-truthing conducted during the field portion of the 2015 program delineated the east-west lineaments as calcareous psammite: locally buckled with local-associated quartz saddle reefs, local decalcification, local solution-collapsed recessive zones (see IMGP106 on the geologist's Field Observation Map, Figure 2) within the lineament, and local on strike, sandy soil residue. The repetitive consistency of east-west lineaments is interpreted by the geologist as the calcareous psammite being structurally repeated. Intersecting north-northeast lineaments are interpreted as extensional features, notably jointing. However, there is evidence of felsic dykes or sills in approximately north-trending Ruby Creek – interpreted as an extensional direction, late phase Eocene and possibly associated to the Hayden Lake granodiorite plug to the northeast of the property. The geologist hypothesizes that these felsic units may potentially be associated with late phase gold-bearing quartz.

A large 'bleached area' in the southeast part of the property was identified in the air photo analysis report (Zuran, 2015), which occurs immediately west of the intersection of an east-west lineament and extensional NNE trending jointing. It was confirmed through ground-truthing that the area is lighter due to the lighter mafic-poor subunits within the dark mica schist host lithology. They include a calcareous psammite and a non-calcareous psammite. The width is approximately 1-5m thick and forms the east-west ridge and 'blows open' to the north, dispersing down the slope north of the ridge resulting in a circular area. Historic soiling in 2011 resulted in one sample (#6) being taken in this bleached area, which was anomalous in gold and copper (37 ppb Au and 74 ppm Cu).

It is clear that in two cases regarding east-trending air photo lineaments; these features are coincident with light grey calcareous rich units within the schists (i.e. calcareous psammite or calcareous schist). Parent rocks may have been sandy limestones or calcareous siltstones, respectively. These east-west lineaments are, in part, solution collapse features. In some cases these features have been de-calcified locally, leaving non-calcareous sand behind in a recessive zone. These east-west striking carbonate-rich units have potential as favourable 'reaction faces' for invading mineralized fluids.

There is good evidence that *non-foliated*, 'young' (Eocene?) dyke/sill lithologies have invaded the ductile-covered Hayden intrusive/Kluane Metamorphic Assemblage contact area, increasing potential for gold as a target (i.e. the headwaters of Rabbit Creek). Numerous intrusive gold-related systems documented within the Tintina Gold Belt can potentially react with 'dirty' carbonate rock types as gold and/or metal-enhanced replacement-type mineralization or local skarns. East-west air photo lineaments on the DUN claim block are coincident with a 'dirty' carbonate rich rock type – potentially

a good 'reaction face' if the right pressure-temperature conditions exist and there is a gold-saturated solution invading the carbonate to begin with. The rock lithologies are described by the geologist as calcareous psammites and calcareous schists; parent lithologies are possibly sandy limestones or calcareous shales.

North-ish orientation of structures are extensional in the regional 'tectonic picture', and potentially promote dilatational or crack and seal-type structural mechanisms. This is important as many Laramide Event intrusive systems in the Yukon Tintina Gold Belt host elevated gold values in the 'later' phase fluid ejection events of these intrusive systems. The evidence of a felsic, non-foliated intrusive lithology coincident with a north-ish drainage, coupled with a historic 'healthy' gold placer output (Ruby Creek) may be an important clue regarding increased gold potential and related felsic composition.

Although there is a lack of visible extensive alteration on the property to date, the fact that placer gold has been recovered from the area alone warrants additional field work. Increased coverage regarding sampling and utilizing specific geological parameters as noted from Zuran's field report may benefit in finding gold in situ on the property.

Geochemical assay results from samples collected on the property in 2015 did not yield any significant results, other than a small 'sniff' from a rock chip sample from test pit #2 ('trench' #2) at the site of a past 113 ppb Au soil sample, which yielded 28.1 ppb Au (TR15DUN002). Otherwise, no 2015 samples collected by either All-In Exploration or the geologist produced any note-worthy Au assay values. Soil, rock and silt sample locations for the 2015 field program are shown in Figure 3.

# Expenditures

## July 21 2015

<b>5 Man MOB in to DUN Property @ \$400/day</b>	<b>Total</b>	
	\$ 2,000.00	
2 Trucks 350 km @ 60 cents/km	\$ 420.00	
2 Trailer	\$ 32.00	
4 Quads \$40/quad	\$ 160.00	
Daily field expenses \$100/day	\$ 500.00	
Generator \$10/day	\$ 10.00	

## July 22 2015

<b>5 man Camp Building Crew @ \$400/day</b>	<b>Total</b>	
	\$ 2,000.00	
2 Truck	\$ 100.00	
2 Trailer	\$ 32.00	
4 Quads \$40/quad	\$ 160.00	
Daily field expenses \$100/day	\$ 500.00	
Generator \$10/day	\$ 10.00	

## July 23 2015

<b>5 man Geochem Sampling Crew @ \$400/day</b>	<b>Total</b>	
	\$ 2,000.00	
2 Truck	\$ 100.00	
2 Trailer	\$ 32.00	
4 Quads \$40/quad	\$ 160.00	
Daily field expenses \$100/day	\$ 500.00	
Generator \$10/day	\$ 10.00	

## July 24 2015

<b>5 man Geochem Sampling Crew @ \$400/day</b>	<b>Total</b>	
	\$ 2,000.00	
2 Truck	\$ 100.00	
2 Trailer	\$ 32.00	
4 Quads \$40/quad	\$ 160.00	
Daily field expenses \$100/day	\$ 500.00	
Generator \$10/day	\$ 10.00	

## July 25 2015

<b>5 Man MOB out to Whitehorse @ \$400/day</b>	<b>Total</b>	
	\$ 2,000.00	
2 Trucks 350 km @ 60 cents/km	\$ 420.00	
2 Trailer	\$ 32.00	
4 Quads \$40/quad	\$ 160.00	
Daily field expenses \$100/day	\$ 500.00	
Generator \$10/day	\$ 10.00	

## September 8 2015

<b>1 man mob in to DUN Property @ \$400/day</b>	<b>Total</b>	
	\$ 400.00	
1 Truck 350 km @ 60 cents/km	\$ 210.00	
1 Trailer	\$ 16.00	
2 Quads \$40/quad	\$ 80.00	
Daily field expenses - \$100/day x 2 (1 geo, 1 helper)	\$ 200.00	
Generator \$10/day	\$ 10.00	

## September 9 2015

<b>1 Geochem Sampling helper @ \$400/day</b>	<b>Total</b>	
	\$ 400.00	
1 Truck	\$ 50.00	
1 Trailer	\$ 16.00	
2 Quads \$40/quad	\$ 80.00	
Daily field expenses \$100/day	\$ 200.00	
Generator \$10/day	\$ 10.00	

## September 10 2015

<b>1 Geochem Sampling helper @ \$400/day</b>	<b>Total</b>	
	\$ 400.00	
1 Truck	\$ 50.00	
1 Trailer	\$ 16.00	
2 Quads \$40/quad	\$ 80.00	
Daily field expenses \$100/day	\$ 200.00	
Generator \$10/day	\$ 10.00	

## September 11 2015

<b>1 man mob out to Whse @ \$400/day</b>	<b>Total</b>	
	\$ 400.00	
1 Truck 350 km @ 60 cents/km	\$ 210.00	
1 Trailer	\$ 16.00	
2 Quads \$40/quad	\$ 80.00	
Daily field expenses \$100/day	\$ 200.00	
Generator \$10/day	\$ 10.00	

**FIELD WORK TOTAL** \$ 17,994.00

Rock Assay 14	\$ 564.54
Soil Assay 19	\$ 432.52
Geologist labour/consultation	\$ 2,100.00
	\$ 2,625.00
	\$ 1,127.00

**TOTAL** \$ 24,843.06

Assesment Report Cost 10 % Total \$ 2,484.31

**GRAND TOTAL** \$ 27,327.37

## Conclusion & Recommendations

The main focus of work conducted in 2015 was for the geologist to complete a small focused survey of the Larose Creek/Rabbit Creek area with respect to air photo observations outlined in a short study of air photos of the property, completed by Zuran in the spring of 2015. Several rock chip samples and soils were collected by Zuran, who then summarized his observations in a short report to help develop a geological model regarding the targeting of potential gold environments from which future work is recommended. A total of 19 soils, 18 rocks and 3 stream sediment samples (assayed as soils) were collected during the 2015 field program (with 7 of these samples collected off of the DUN property). Although the 2015 field program was considerably less extensive than in previous years, some useful information was provided by the short air photo study and field program conducted by the geologist that may outline some geological parameters, possibly providing insight into the location of gold in-situ on the DUN property. Encouraging results from the parallel placer exploration program undertaken by All-In Exploration Solutions helps provide positive motivation to continue hard rock regional exploration for the source of local placer gold within the DUN property.

Recommended future work on the DUN Project:

- 1) Investigative and infill soil sampling at 25m spacing, based on the intersection zones of the east-west lineaments (blue) and north-ish lineaments (red), approximately 200 soil samples (see Figure 4).
- 2) Investigative prospecting along the Hayden intrusive plug contact area outside of the DUN claim area, with particular attention to the southern east-trending contact.
- 3) Rock sampling of all non-foliated intermediate and felsic intrusive and associated quartz phases, preferably in-situ.
- 4) Continuing detailed geological mapping of the DUN Property with particular attention given to: calcareous psammite/schist, metric scale folding and associated quartz saddle reefs, dyke/sill intrusive phases, intrusive plug/schist contact zones, in-situ quartz veining, and associated structural information.

## Statement of Qualifications

I, Edward C. Long, Prospector, certify that:

- 1) I reside at 106 Titanium Way, Whitehorse, Yukon, Y1A 0E8.
- 2) I am co-owner and employed by All-In Exploration Solutions Inc. of Whitehorse, Yukon.
- 3) I graduated from Northern Alberta Institute of Technology in Edmonton, Alberta in 2009 with a Diploma in Geological Technology.
- 4) I am a member of the Association of Science and Engineering Technologists of Alberta.
- 5) I have spent a great deal of time completing field work on the DUN property.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2016, at Whitehorse, Yukon.

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Edward C. Long (Prospector)

## **Appendix A: Data & Certificates**



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

[www.bureauveritas.com/um](http://www.bureauveritas.com/um)

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

**Client:** **All-In Exploration Solutions Inc.**  
113A Platinum Rd.  
Whitehorse YT Y1A 5M3 CANADA

Submitted By: Ed Long/Riley Gibson  
Receiving Lab: Canada-Whitehorse  
Received: November 20, 2015  
Report Date: December 01, 2015  
Page: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI15000274.1

## CLIENT JOB INFORMATION

Project: Dun  
Shipment ID:  
P.O. Number  
Number of Samples: 21

## 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: All-In Exploration Solutions Inc.  
113A Platinum Rd.  
Whitehorse YT Y1A 5M3  
CANADA

CC:

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	21	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	21	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ201	21	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	21	Per sample shipping charges for branch shipments			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.



**BUREAU VERITAS** MINERAL LABORATORIES  
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Project: Dun

Report Date: December 01, 2015

Page: 2 of 2

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI15000274.1

Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	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	2	0.01	
4467	Rock	2.40	0.007	0.4	37.0	3.7	102	0.1	32.3	22.4	622	4.50	9.6	7.1	0.3	360	0.2	<0.1	0.1	138	1.31
4473	Rock	1.70	<0.005	0.9	37.7	1.4	101	<0.1	24.0	17.8	847	5.27	10.4	2.6	0.6	43	<0.1	<0.1	<0.1	138	0.72
4474	Rock	1.25	<0.005	0.3	2.9	0.1	2	<0.1	2.2	0.9	61	0.51	1.5	5.1	<0.1	2	<0.1	<0.1	<0.1	4	0.09
4475	Rock	1.60	0.006	0.4	9.6	2.9	34	<0.1	5.1	2.8	263	1.11	2.6	3.9	0.6	22	<0.1	<0.1	<0.1	16	0.49
4476	Rock	1.54	0.005	0.4	13.6	2.8	17	<0.1	3.8	1.9	180	0.83	3.0	2.3	0.3	21	<0.1	<0.1	<0.1	16	0.49
4477	Rock	1.47	<0.005	0.5	58.2	2.5	43	<0.1	14.6	6.8	247	2.00	3.9	1.1	1.2	19	<0.1	<0.1	<0.1	24	0.24
4479	Rock	1.79	0.007	0.3	5.3	2.0	10	0.2	0.9	0.3	56	1.26	16.0	4.4	5.9	11	<0.1	<0.1	0.1	<2	0.04
4480	Rock	1.41	0.009	1.1	70.5	4.2	120	<0.1	61.4	21.3	595	4.49	22.5	4.6	5.4	34	<0.1	<0.1	0.2	72	0.41
4481	Rock	1.39	0.017	1.3	74.2	5.8	97	0.1	26.3	13.7	458	4.84	38.1	1.8	7.8	30	0.2	0.3	0.2	84	0.09
15EL001	Rock	0.36	<0.005	0.5	4.8	0.5	5	<0.1	3.5	1.3	31	0.58	0.5	2.2	<0.1	1	<0.1	<0.1	<0.1	<2	<0.01
15EL002	Rock	1.10	<0.005	0.6	17.2	1.3	38	<0.1	62.9	15.1	213	0.60	1.7	1.4	0.1	7	0.2	0.2	<0.1	3	0.21
15EL003	Rock	1.20	0.007	0.1	22.5	3.9	80	<0.1	14.4	11.1	611	3.30	17.4	3.2	1.6	63	0.1	<0.1	<0.1	48	2.69
15EL004	Rock	2.99	<0.005	0.2	8.6	3.1	20	<0.1	2.8	1.7	213	0.87	3.8	3.2	0.4	23	<0.1	<0.1	<0.1	6	0.73
15EL005	Rock	0.73	<0.005	2.0	14.4	1.2	71	<0.1	41.3	17.9	913	4.54	10.7	<0.5	0.4	55	<0.1	0.1	<0.1	105	1.97
15EL006	Rock	1.07	0.006	<0.1	6.4	1.6	41	<0.1	3.6	2.7	269	1.13	2.5	2.6	0.2	15	<0.1	<0.1	<0.1	16	0.26
15EL007	Rock	0.56	0.005	0.2	2.2	1.4	59	<0.1	6.5	7.9	513	2.30	1.1	1.2	0.5	38	<0.1	<0.1	<0.1	46	0.49
15EL008	Rock	0.52	<0.005	0.4	1.9	6.0	6	<0.1	3.5	1.4	204	0.43	1.8	2.1	9.4	9	<0.1	<0.1	<0.1	<2	0.05
15EL009	Rock	0.78	0.008	<0.1	9.3	13.6	115	0.1	114.0	23.8	973	4.60	28.0	4.5	6.2	197	0.3	<0.1	0.1	136	4.31
TR15DUN001	Rock	1.67	0.011	0.7	28.9	4.2	60	<0.1	21.1	7.7	269	2.65	30.7	0.8	3.1	12	<0.1	<0.1	<0.1	31	0.11
TR15DUN002	Rock	1.33	0.053	0.9	27.8	6.6	84	0.1	45.5	12.8	402	3.07	22.2	28.1	4.1	76	<0.1	0.3	0.2	43	0.67
DUN15RX001	Rock	0.67	0.011	0.3	37.8	5.0	84	<0.1	36.6	13.8	494	3.37	5.4	0.7	5.2	25	<0.1	<0.1	0.2	75	0.22





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PHONE (604) 253-3158

Client: **All-In Exploration Solutions Inc.**

113A Platinum Rd.  
Whitehorse YT Y1A 5M3 CANADA

Project: Dun

Report Date: December 01, 2015

Page: 2 of 2

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI15000274.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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	
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
4467	Rock	0.255	7	35	1.87	227	0.075	1	3.90	0.234	0.46	1.3	<0.01	10.4	0.2	<0.05	12	<0.5	<0.2
4473	Rock	0.097	3	62	2.22	803	0.276	<1	3.67	0.072	1.77	<0.1	<0.01	9.9	0.3	<0.05	11	<0.5	<0.2
4474	Rock	0.002	<1	6	0.05	9	0.003	<1	0.07	0.003	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
4475	Rock	0.044	2	6	0.31	138	0.064	<1	0.71	0.059	0.41	<0.1	<0.01	0.7	0.1	<0.05	2	<0.5	<0.2
4476	Rock	0.026	2	6	0.17	78	0.034	<1	0.51	0.058	0.21	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
4477	Rock	0.034	4	14	0.52	193	0.112	<1	1.15	0.042	0.71	<0.1	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2
4479	Rock	0.026	19	2	0.08	116	0.010	<1	0.47	0.044	0.15	<0.1	<0.01	0.2	<0.1	<0.05	2	<0.5	<0.2
4480	Rock	0.127	12	63	1.33	157	0.089	<1	2.53	0.033	0.47	<0.1	<0.01	4.2	0.2	<0.05	6	<0.5	<0.2
4481	Rock	0.086	28	57	1.25	159	0.109	<1	2.34	0.060	0.68	<0.1	<0.01	5.5	0.3	<0.05	7	<0.5	<0.2
15EL001	Rock	0.001	<1	5	0.01	3	0.002	<1	0.04	0.003	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	0.6	<0.2
15EL002	Rock	0.004	4	13	0.04	5	0.004	<1	0.09	0.003	<0.01	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
15EL003	Rock	0.121	4	30	1.41	75	0.034	<1	1.99	0.039	0.16	<0.1	<0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
15EL004	Rock	0.016	2	5	0.17	85	0.029	<1	0.52	0.067	0.22	<0.1	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
15EL005	Rock	0.083	2	115	2.19	220	0.174	<1	2.95	0.029	0.47	<0.1	<0.01	7.6	<0.1	<0.05	8	<0.5	<0.2
15EL006	Rock	0.025	1	5	0.34	94	0.100	<1	0.71	0.078	0.33	<0.1	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
15EL007	Rock	0.076	2	18	0.94	492	0.159	<1	1.60	0.068	1.09	<0.1	<0.01	2.9	0.2	<0.05	7	<0.5	<0.2
15EL008	Rock	0.007	16	8	0.03	168	0.014	2	0.34	0.071	0.23	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
15EL009	Rock	0.184	15	379	4.52	209	0.125	<1	3.87	0.022	0.48	0.1	<0.01	13.8	0.2	<0.05	13	<0.5	<0.2
TR15DUN001	Rock	0.045	9	27	0.58	64	0.034	<1	1.28	0.029	0.19	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
TR15DUN002	Rock	0.228	16	45	0.85	81	0.039	<1	1.89	0.034	0.25	<0.1	<0.01	4.0	0.1	<0.05	5	<0.5	<0.2
DUN15RX001	Rock	0.087	10	55	1.06	101	0.067	<1	2.14	0.029	0.36	<0.1	<0.01	6.4	0.2	<0.05	7	<0.5	<0.2



# QUALITY CONTROL REPORT

WHI15000274.1

Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm		
MDL	0.01	0.005	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	2	0.01	
Pulp Duplicates																					
DUN15RX001	Rock	0.67	0.011	0.3	37.8	5.0	84	<0.1	36.6	13.8	494	3.37	5.4	0.7	5.2	25	<0.1	<0.1	0.2	75	0.22
REP DUN15RX001	QC		0.013	0.4	38.2	5.0	86	<0.1	37.0	14.6	491	3.39	5.4	1.1	5.2	25	<0.1	<0.1	0.2	74	0.23
Core Reject Duplicates																					
4477	Rock	1.47	<0.005	0.5	58.2	2.5	43	<0.1	14.6	6.8	247	2.00	3.9	1.1	1.2	19	<0.1	<0.1	<0.1	24	0.24
DUP 4477	QC		0.007	0.5	57.5	2.6	43	<0.1	14.2	7.0	248	2.02	3.2	1.5	1.1	21	<0.1	<0.1	<0.1	24	0.26
Reference Materials																					
STD DS10	Standard			14.3	162.9	156.2	376	1.9	77.8	13.7	930	2.92	47.1	92.7	7.7	72	2.3	9.2	13.1	44	1.09
STD OXC129	Standard			1.3	28.6	6.5	42	<0.1	82.0	21.4	428	3.11	0.6	175.4	2.0	191	<0.1	<0.1	<0.1	52	0.67
STD OXD108	Standard		0.421																		
STD OXI121	Standard		1.813																		
STD OXN117	Standard		7.655																		
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD DS10 Expected				15.1	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625
STD OXC129 Expected				1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.665
BLK	Blank		<0.005																		
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	<2	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		0.007	0.8	3.0	1.2	32	<0.1	2.5	4.0	448	1.80	0.6	5.0	2.5	27	<0.1	<0.1	<0.1	22	0.59
ROCK-WHI	Prep Blank		0.006	0.7	2.1	1.2	28	<0.1	1.4	3.9	476	1.94	0.7	4.5	2.5	30	<0.1	<0.1	<0.1	25	0.67



# QUALITY CONTROL REPORT

WHI15000274.1

Method		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte		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
MDL		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																			
DUN15RX001	Rock	0.087	10	55	1.06	101	0.067	<1	2.14	0.029	0.36	<0.1	<0.01	6.4	0.2	<0.05	7	<0.5	<0.2
REP DUN15RX001	QC	0.086	10	56	1.05	100	0.068	<1	2.15	0.029	0.36	<0.1	<0.01	6.5	0.2	<0.05	7	<0.5	<0.2
Core Reject Duplicates																			
4477	Rock	0.034	4	14	0.52	193	0.112	<1	1.15	0.042	0.71	<0.1	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2
DUP 4477	QC	0.036	4	14	0.52	210	0.115	<1	1.15	0.042	0.71	<0.1	<0.01	1.9	0.2	<0.05	4	<0.5	<0.2
Reference Materials																			
STD DS10	Standard	0.075	19	61	0.81	371	0.092	7	1.09	0.070	0.35	3.2	0.27	3.1	4.9	0.27	5	2.2	4.8
STD OXC129	Standard	0.111	13	54	1.54	49	0.417	<1	1.59	0.615	0.37	<0.1	<0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
STD OXD108	Standard																		
STD OXI121	Standard																		
STD OXN117	Standard																		
STD OXD108 Expected																			
STD OXN117 Expected																			
STD OXI121 Expected																			
STD DS10 Expected		0.0765	17.5	54.6	0.775	359	0.0817		1.0755	0.067	0.338	3.32	0.3	3	5.1	0.29	4.5	2.3	5.01
STD OXC129 Expected		0.102	13	52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
BLK	Blank																		
BLK	Blank	<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
Prep Wash																			
ROCK-WHI	Prep Blank	0.044	6	6	0.43	60	0.084	1	0.87	0.073	0.07	<0.1	<0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.044	6	4	0.44	66	0.088	2	0.95	0.087	0.08	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

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PHONE (604) 253-3158

**Client:** **All-In Exploration Solutions Inc.**  
113A Platinum Rd.  
Whitehorse YT Y1A 5M3 CANADA

Submitted By: Ed Long/Riley Gibson  
Receiving Lab: Canada-Whitehorse  
Received: November 20, 2015  
Report Date: November 27, 2015  
Page: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI15000275.1

## CLIENT JOB INFORMATION

Project: Dun  
Shipment ID:  
P.O. Number  
Number of Samples: 19

## SAMPLE DISPOSAL

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

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	19	Dry at 60C			WHI
SS80	19	Dry at 60C sieve 100g to -80 mesh			WHI
SVRJT	19	Save all or part of Soil Reject			WHI
AQ201	19	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	19	Per sample shipping charges for branch shipments			VAN

## ADDITIONAL COMMENTS

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

Invoice To: All-In Exploration Solutions Inc.  
113A Platinum Rd.  
Whitehorse YT Y1A 5M3  
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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**Client: All-In Exploration Solutions Inc.**

113A Platinum Rd.

Whitehorse YT Y1A 5M3 CANADA

Project: Dun

Report Date: November 27, 2015

Page: 2 of 2

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI15000275.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		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	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
4468	Soil	0.4	30.8	36.4	63	0.4	32.9	12.5	696	2.76	11.0	1.5	2.1	37	0.2	0.3	0.1	56	0.88	0.092	9
4469	Soil	0.6	27.0	3.7	52	<0.1	28.3	10.9	2081	2.97	19.5	1.8	1.8	77	0.3	0.3	<0.1	51	2.51	0.097	9
4470	Soil	0.7	53.7	5.4	88	<0.1	53.3	19.9	482	3.93	26.8	2.0	1.9	17	<0.1	0.3	0.1	92	0.22	0.040	8
4471	Soil	1.0	50.2	5.7	86	0.1	35.6	17.1	569	3.65	18.0	2.1	0.9	33	0.2	0.5	0.1	94	0.53	0.062	7
4472	Soil	1.1	51.9	7.5	83	0.1	44.4	17.7	467	3.82	21.5	2.9	1.3	26	0.1	0.5	0.2	90	0.29	0.066	9
4478	Soil	0.8	55.1	5.6	60	0.1	53.1	17.4	451	3.59	21.1	4.3	1.4	19	0.1	0.2	0.2	107	0.30	0.121	6
43644	Soil	1.7	60.1	8.3	103	0.4	46.4	20.1	572	3.73	22.7	3.2	2.7	29	0.2	0.4	0.2	77	0.31	0.090	17
43645	Soil	1.6	59.6	10.8	101	0.5	49.0	20.0	532	3.72	26.8	2.6	2.8	29	0.2	0.4	0.2	82	0.33	0.084	16
43646	Soil	1.7	63.4	14.0	100	0.5	45.8	18.5	534	3.76	27.8	2.6	2.8	27	0.1	0.4	0.2	78	0.26	0.084	19
43647	Soil	1.1	91.0	7.8	97	0.3	64.4	21.5	538	3.34	32.6	4.3	3.4	36	0.3	0.6	0.2	71	0.47	0.078	17
43649	Soil	1.4	40.0	10.5	96	0.3	40.3	20.6	472	3.42	38.7	13.5	3.0	25	<0.1	0.3	0.2	76	0.28	0.070	12
43636	Soil	1.2	47.5	6.6	106	0.2	45.3	22.4	616	3.99	42.1	5.4	3.2	24	0.1	0.3	0.2	85	0.22	0.066	12
43637	Soil	1.5	77.5	18.6	103	0.5	51.3	20.5	506	3.61	36.9	3.5	2.5	36	0.1	0.6	0.2	83	0.43	0.093	22
43638	Soil	0.9	56.6	5.9	104	0.2	51.3	19.9	467	3.89	58.8	6.7	3.8	25	0.1	0.3	0.2	84	0.29	0.079	15
43639	Soil	1.6	42.8	7.4	96	0.3	40.8	21.1	573	3.72	43.0	4.5	2.7	25	<0.1	0.3	0.2	82	0.29	0.069	12
43641	Soil	0.9	38.6	6.1	93	0.2	43.2	19.4	550	3.42	25.0	11.5	3.0	25	<0.1	0.2	0.2	80	0.32	0.087	11
43642	Soil	1.4	45.1	7.8	80	0.3	34.5	17.9	542	3.04	31.7	4.3	1.9	30	0.1	0.3	0.2	70	0.34	0.074	13
43634	Soil	1.0	60.0	8.6	115	0.2	56.4	20.3	557	4.29	56.5	5.9	3.6	26	0.1	0.4	0.2	90	0.28	0.070	14
43726	Soil	0.9	44.2	14.7	80	0.1	49.3	18.2	493	3.82	53.8	2.3	2.3	24	<0.1	0.5	0.1	80	0.32	0.062	10



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Project: Dun

Report Date: November 27, 2015

Page: 2 of 2

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI15000275.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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		
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
4468	Soil	41	0.85	101	0.080	2	1.27	0.015	0.19	<0.1	0.02	3.2	0.1	<0.05	4	<0.5	<0.2	
4469	Soil	33	0.73	164	0.067	2	1.00	0.020	0.13	<0.1	0.02	2.8	<0.1	<0.05	3	0.5	<0.2	
4470	Soil	61	1.22	134	0.125	1	2.45	0.008	0.35	<0.1	0.02	4.7	0.2	<0.05	7	<0.5	<0.2	
4471	Soil	51	1.34	251	0.106	2	2.51	0.011	0.43	<0.1	0.03	4.4	0.2	<0.05	8	<0.5	<0.2	
4472	Soil	60	1.13	155	0.088	2	2.16	0.011	0.23	<0.1	0.03	4.0	0.2	<0.05	7	<0.5	<0.2	
4478	Soil	63	1.05	206	0.154	<1	2.49	0.013	0.43	0.3	<0.01	8.0	0.3	<0.05	7	<0.5	<0.2	
43644	Soil	54	1.05	93	0.077	2	2.07	0.010	0.18	<0.1	0.04	4.9	0.3	<0.05	7	0.7	<0.2	
43645	Soil	58	1.07	103	0.082	1	2.20	0.010	0.20	<0.1	0.04	5.2	0.3	<0.05	7	0.6	<0.2	
43646	Soil	56	1.05	92	0.075	1	2.22	0.009	0.20	0.1	0.04	5.0	0.3	<0.05	7	<0.5	<0.2	
43647	Soil	54	0.99	108	0.079	1	1.91	0.012	0.22	0.2	0.03	5.1	0.2	<0.05	6	0.6	<0.2	
43649	Soil	54	1.02	106	0.087	<1	2.18	0.008	0.26	0.1	0.05	5.0	0.3	<0.05	7	<0.5	<0.2	
43636	Soil	60	1.14	110	0.096	1	2.27	0.008	0.28	<0.1	0.04	5.2	0.3	<0.05	8	<0.5	<0.2	
43637	Soil	59	1.08	140	0.086	2	2.28	0.011	0.26	0.1	0.05	5.0	0.3	<0.05	7	<0.5	<0.2	
43638	Soil	65	1.24	126	0.103	2	2.43	0.011	0.33	0.2	0.02	6.4	0.3	<0.05	7	<0.5	<0.2	
43639	Soil	56	0.97	111	0.086	<1	1.99	0.008	0.25	<0.1	0.03	4.6	0.3	<0.05	7	<0.5	<0.2	
43641	Soil	59	1.10	109	0.098	1	2.09	0.011	0.23	0.1	0.02	4.7	0.2	<0.05	6	<0.5	<0.2	
43642	Soil	47	0.86	109	0.073	2	1.85	0.010	0.21	<0.1	0.05	4.2	0.3	<0.05	6	<0.5	<0.2	
43634	Soil	67	1.25	120	0.097	1	2.44	0.009	0.34	0.1	0.03	5.7	0.3	<0.05	8	<0.5	<0.2	
43726	Soil	57	1.05	120	0.104	2	2.29	0.013	0.14	<0.1	0.01	4.1	0.2	<0.05	6	<0.5	<0.2	



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**Client:** All-In Exploration Solutions Inc.  
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Whitehorse YT Y1A 5M3 CANADA

Project: Dun  
Report Date: November 27, 2015

Page: 1 of 1

Part: 1 of 2

# QUALITY CONTROL REPORT

WHI15000275.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
43726	Soil	0.9	44.2	14.7	80	0.1	49.3	18.2	493	3.82	53.8	2.3	2.3	24	<0.1	0.5	0.1	80	0.32	0.062	10
REP 43726	QC	1.0	41.8	13.6	74	0.2	44.4	16.3	453	3.50	48.0	3.4	2.1	23	<0.1	0.5	0.1	71	0.30	0.056	10
Reference Materials																					
STD DS10	Standard	15.4	163.6	150.7	378	1.9	76.9	13.4	919	2.88	46.0	108.1	7.5	67	2.6	9.9	12.5	46	1.10	0.078	19
STD OXC129	Standard	1.3	27.9	6.3	42	<0.1	79.7	20.5	407	3.02	<0.5	197.6	1.9	186	<0.1	<0.1	<0.1	57	0.69	0.103	13
STD DS10 Expected		15.1	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765	17.5
STD OXC129 Expected		1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.665	0.102	13
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	<2	<0.01	<0.001	<1



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Page: 1 of 1

Part: 2 of 2

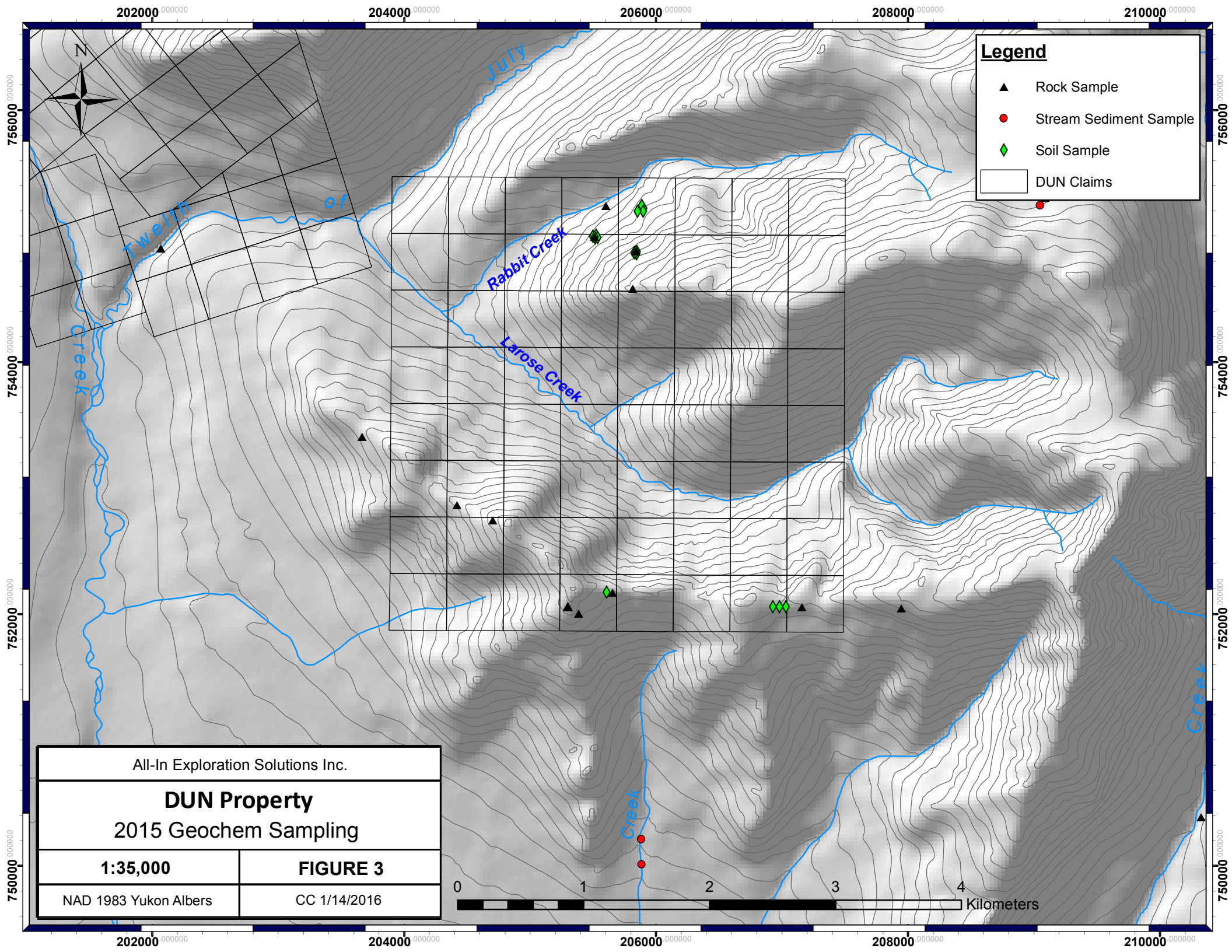
# QUALITY CONTROL REPORT

WHI15000275.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																	
43726	Soil	57	1.05	120	0.104	2	2.29	0.013	0.14	<0.1	0.01	4.1	0.2	<0.05	6	<0.5	<0.2
REP 43726	QC	53	1.03	113	0.095	1	2.22	0.012	0.15	0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
Reference Materials																	
STD DS10	Standard	58	0.80	359	0.083	7	1.04	0.069	0.34	3.4	0.28	2.8	5.1	0.26	5	1.6	5.1
STD OXC129	Standard	52	1.53	50	0.414	2	1.53	0.562	0.37	<0.1	<0.01	0.7	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		54.6	0.775	359	0.0817		1.0755	0.067	0.338	3.32	0.3	3	5.1	0.29	4.5	2.3	5.01
STD OXC129 Expected		52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
BLK	Blank	<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



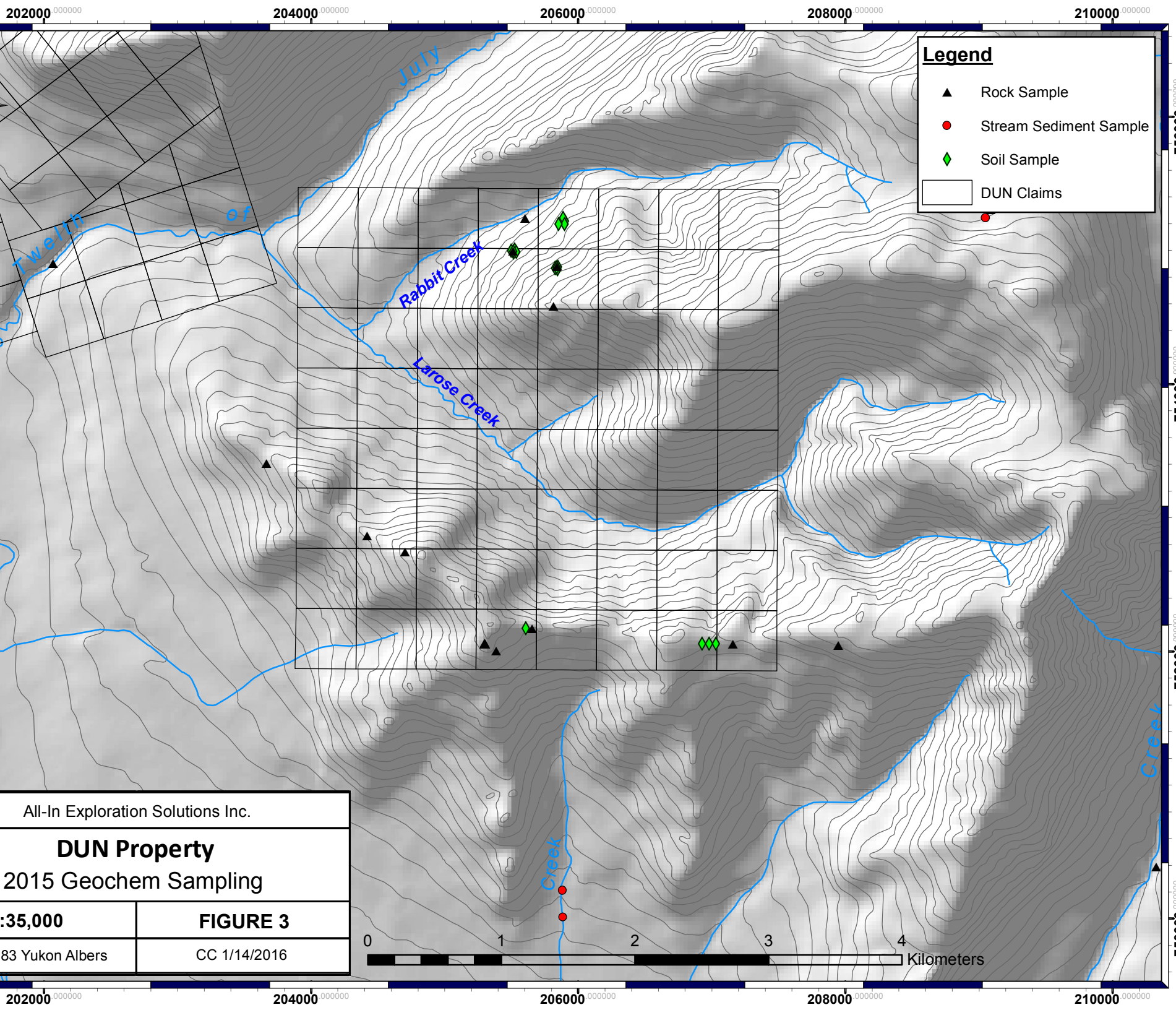
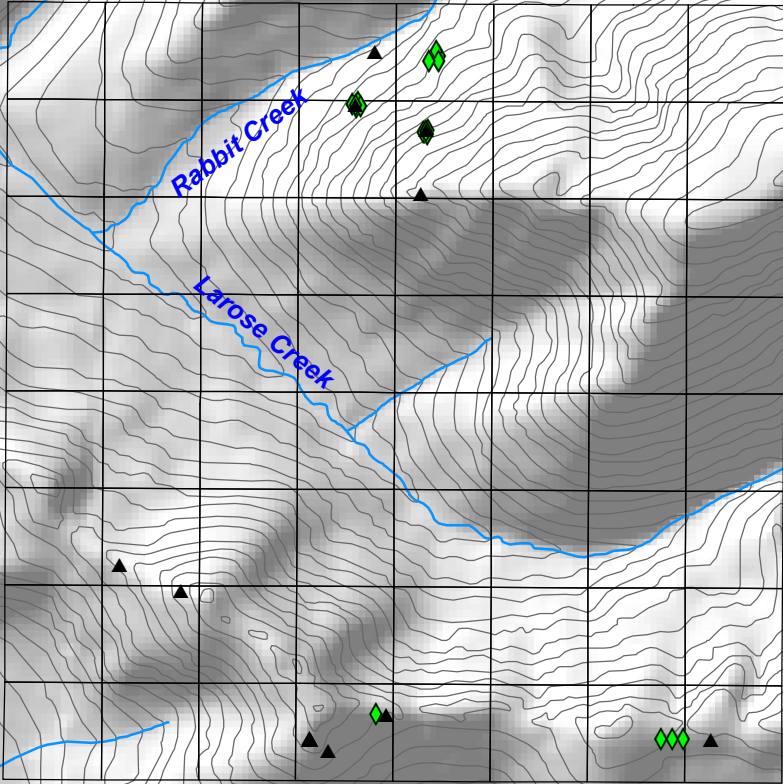
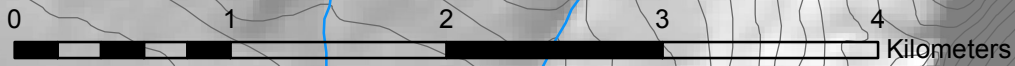


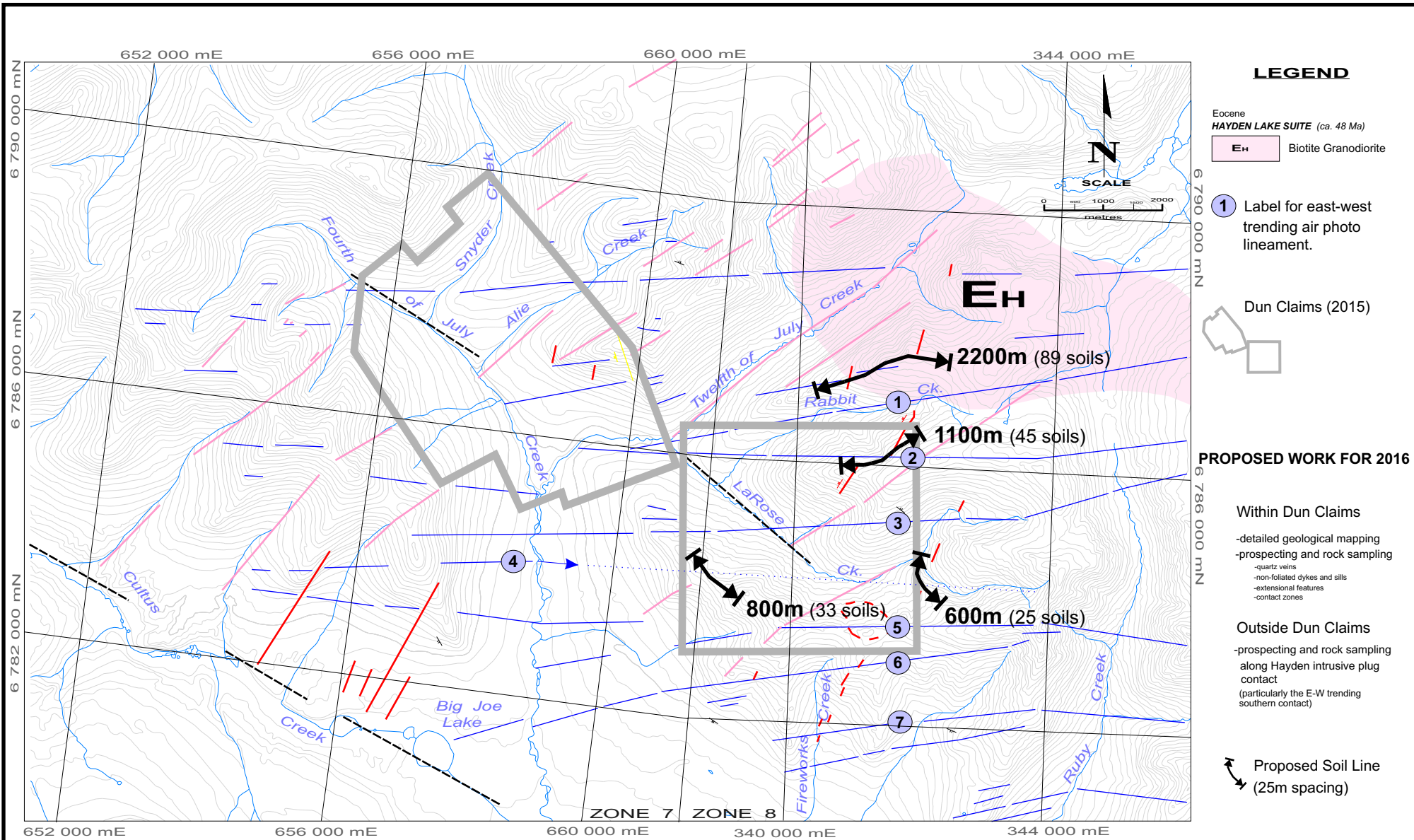


**Legend**

- ▲ Rock Sample
- Stream Sediment Sample
- ◆ Soil Sample
- DUN Claims

All-In Exploration Solutions Inc.	
<b>DUN Property</b>	
<b>2015 Geochem Sampling</b>	
<b>1:35,000</b>	<b>FIGURE 3</b>
NAD 1983 Yukon Albers	CC 1/14/2016





**LEGEND**

Eocene  
**HAYDEN LAKE SUITE** (ca. 48 Ma)  
 Eh Biotite Granodiorite

1 Label for east-west trending air photo lineament.



**PROPOSED WORK FOR 2016**

- Within Dun Claims**
- detailed geological mapping
  - prospecting and rock sampling
    - quartz veins
    - non-foliated dykes and sills
    - extensional features
    - contact zones
- Outside Dun Claims**
- prospecting and rock sampling along Hayden intrusive plug contact (particularly the E-W trending southern contact)

↔ Proposed Soil Line (25m spacing)

\* taken from: SHORT REPORT, Air Photo Analysis, Fourth of July Area (R. Zuran, June 2015).

- |                             |  |
|-----------------------------|--|
| <b>Air Photo Lineaments</b> | <b>Attitudes (estimated) - Structural Fabric</b> |
| — East-ish trending         | — Shallow (0-20 degrees)                         |
| — Northeast trending        | — Moderate (20-60 degrees)                       |
| — North-northeast trending  | — Steep (60-89 degrees)                          |
| — North-northwest trending  | — Vertical (90 degrees)                          |
| — East-southeast trending   | — Whitened or bleached outcrop                   |

\* taken from Air Photo Analysis Short Report, R. Zuran, 2015.

**FOURTH OF JULY AREA**

Yukon Territory, Canada  
 'DUN' CLAIMS

**RECOMMENDATIONS**  
 Proposed Work for 2016

AUTHOR: R. Zuran FIGURE:1  
DATE: January, 2016