

# Report of 2015 Surface Exploration Program on the Lucky Strike Project, White Gold District

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**Location:**

Dawson Mining Division, Yukon Territory

**Work Period:**

JULY 17<sup>th</sup> to JULY 25<sup>th</sup> 2015

**Property Coordinates:**

Latitude: 63° 12' 10 " N, Longitude: 139° 7' 6" W

**NTS Sheets:**

115003

**Prepared on behalf of:**

Goldstrike Resources Ltd.

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**Report Date:**

January 25th, 2016

## QUARTZ CLAIM INFORMATION

GRANT NUMBER	CLAIM NAME	CLAIM HOLDER	NTS MAP NUMBER
YC98689 – YC98816	AU 89 -116	Petro One Energy Corp	115003
YC99489	<b>Lucky 1</b>	Petro One Energy Corp	115003
YD155903	LUCKY 1	Petro One Energy Corp	115003
YC99490	<b>Lucky 2</b>	Petro One Energy Corp	115003
YD155904	LUCKY 2	Petro One Energy Corp	115003
YC99491	<b>Lucky 3</b>	Petro One Energy Corp	115003
YD155905	LUCKY 3	Petro One Energy Corp	115003
YC99492 - YC91824	Lucky 4 - 124	Petro One Energy Corp	115003
YC91829 - YC91866	Lucky 129 - 166	Petro One Energy Corp	115003
YC91869 - YC91872	Lucky 169 - 172	Petro One Energy Corp	115003
YC98701 - YC98710	Strike 1 - 10	Petro One Energy Corp	115003
YC98721 - YC98730	Strike 21 - 30	Petro One Energy Corp	115003
YC98741 - YC98750	Strike 41 - 50	Petro One Energy Corp	115003
YC98761 - YC98770	Strike 61 - 70	Petro One Energy Corp	115003
YC98781 - YC98790	Strike 81 - 90	Petro One Energy Corp	115003
YC99475 - YC99488	Strike 101 - 114	Petro One Energy Corp	115003

261 quartz mineral claims in total

## SUMMARY

The Lucky Strike property is located in the Dawson Mining District approximately 90km due south of Dawson City in the White Gold district on the east side of the Dawson Range Gold Belt. It is 15km east of Kinross's Golden Saddle deposit, 37km northeast of Kaminak's Coffee Creek gold discovery and 12km east southeast of Comstock Metals QV discovery. Currently the property is only accessible by helicopter or by boat.

In July of 2015, a 5 person crew completed 9 days of mechanical trenching, soil sampling and prospecting on 10 of the 261 quartz claims that form the Lucky Strike Property. The purpose of the exploration program was to determine if the property holds potential for economic quantities of gold mineralization as seen on nearby properties with similar geology. Previously known soil sample sites that were geochemically anomalous in gold and other gold pathfinder elements and previously obtained auriferous rocks samples from the property were used to vector in on a target area for this program. A test ground magnetic geophysical survey conducted between 2012 and 2014 indicated the presence of possible northeast structures in the area referred to as Zone 1 and was also considered when laying out the exploration program.

The Lucky Strike Property is unglaciated (*Duk-Rodkin, 2001*) and characterized by smooth round-topped hills with steeply dipping incised drainages. The property encompasses an area of tree-covered hills often in various stages of recovery from historical forest fires and lies within the mature dendritic drainages of the Yukon River watershed. The property is bisected by the northeast steeply dipping drainage of Simmons Creek. Elevations on the property range from 1200m along river valleys to a maximum height of 2700m on one of the mountain tops within the claim block.

The property lies within the Dawson Range Mineral Belt or what has now become more commonly known as the White Gold District since the 2008-2009 discovery of the Golden

Saddle and Arc deposits on the White Gold property by Underworld Resources and the 2010 discovery of the Coffee Property by Kaminak Resources.

The Lucky Strike property currently does not have a detailed geology map. The property is extremely limited in outcrop for mapping and typically has between 0% and 5% outcrop in most areas however the basic property geology can be ascertained from the regional geology map of the Stewart River Area (Figure 5: *Geo-Referenced Map of Property Geology, Ryan and Gordey, 2005*). The property is underlain by the same Devono-Mississippian metamorphic rocks that host the Coffee Creek gold discoveries, the Golden Saddle, the Arc gold deposits and the recent QV discovery.

The property consists of 3 distinct metasedimentary and orthogneissic rock packages or panels that trend in a northwest direction through the property. These are described as undivided grey gneiss / amphibolite with an intermediate to mafic composition, quartz mica schists and undivided felsic gneiss. The quartz-mica schists and gneisses appear to be the result of continental margin type deposition with an amphibolite grade of alteration. Later early Jurassic to mid-Cretaceous granites and granodiorites have intruded the area with at least two small intrusions mapped on the property, one in the south east corner of the property and another to the north of the property. The small southern intrusion is bounded by a north / northeast trending structure which transects both the Kinross property to the south and the Lucky Strike property. Another intrusion is likely located on the northwest Au claims where a strong gamma anomaly is located near the Three Sisters Minfile (Figure 6: *AU Claims, Lucky Strike Property – Total Gamma Response Map, Reed, 2010*). Fresh dykes of intermediate composition and granitic boulders have also been noted on the property by prospectors.

The 2015, 9 day helicopter-supported exploration program consisted of 69 meters of mechanical trenching with 35 trench rock samples, 129 geochemical soil samples and 28 rock grab samples. The results were conclusive in showing that gold mineralisation is indeed present at Lucky Strike and further work is recommended.



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## 1.0 INTRODUCTION

### 1.1 GENERAL

In July 2015, a 9 day 5 man mechanical trenching, rock sampling, and geochemical soils sampling program was carried out on the Lucky Strike property by Druid Exploration Inc. of Dawson City, Yukon on behalf of Gold Strike Resources Ltd. The exploration team consisted of two geologists, one equipment operator and two field hand / samplers. The program was supervised by geologist Daithi Mac Gearailt.

The Lucky Strike property is located 90km due south of Dawson City and lies within the Dawson Range Mineral Belt or what has now become more commonly known and the White Gold District since the 2008-2009 discovery of the Golden Saddle and Arc deposits on the White Gold property by Underworld Resources and the 2010 discovery of the Coffee Property (Supremo and Latte Zones) by Kaminak Resources.

The property consists of 261 quartz mining claims located within the Dawson Mining District, Yukon Territory, Canada. The property was accessed by helicopter based from Dawson City. Crew and supplies were first flown by fixed wing aircraft to Thistle Creek airstrip located 24 km to the south of Lucky Strike and then flown by helicopter to the property where a fly camp was established for the duration of the project.

A total of 192 samples (rock and soil) were assayed by Acme Analytical Laboratories Ltd. where by all samples were prepped in Whitehorse, Yukon and analyzed in Vancouver, British Columbia. Assay results for gold from the 63 rock samples ranged from detection level to 4,263 parts per billion (ppb) gold, and assay results for gold from the 129 soil samples ranged from detection level to 1,989.2 ppb gold.



## 1.2 UNITS AND CURRENCY

Metric units are used throughout this report. Tonnages are shown as tonnes ("t"), linear measurements as metres ("m"), or kilometres ("km") and precious metal values as grams ("g") and/or grams per tonne ("gpt").

Conversions: 31.1034 grams = 1 troy ounce

1 gram per tonne = 0.0292 troy ounces per ton

1.0 metric ton (1,000 kg) = tonne ("t") = 1.10231 short tons ("T")

1.0 metre ("m") = 3.28 feet

1.0 hectare ("ha") = 2.47105 acres

Currency amounts are expressed in Canadian dollars ("CDN\$"), unless indicated otherwise.

## 2.0 PROPERTY

### 2.1 LOCATION AND ACCESS

The Lucky Strike property is located on NTS map sheet 1150 03 in the Yukon Territory, Canada. The property is geographically centered at 63° 12' 10" N ,139° 7' 6" W or UTM 7009583 N and 594636 E (NAD 83, Zone 7)(Figure 1: *Location Map*).

The claim group lies within the Dawson Mining District approximately 90 km due south of Dawson City and some 245 km northwest of Whitehorse. The property lies on the southern bank of the Stewart River 9km from its confluence with the Yukon River.

The property lies within the Dawson Range Mineral Belt or what has now become more commonly known and the White Gold District since the 2008-2009 discovery of the Golden Saddle and Arc deposits on the White Gold property by Underworld Resources (15km to the W) and the 2010 discovery of the Coffee Property by Kaminak Resources (37 km to the SW), and the more recent discovery of the QV property by Comstock Metals Ltd in 2011 / 2012, (12 km to the NW).

There is no road access to the Lucky Strike property and currently access is obtained by helicopter from Dawson City or fixed wing aircraft from Dawson City to Thistle Creek airstrip (18km to the southwest) and then by helicopter to the property from there. The property does have the potential for a barge landing on the Stewart River and will be in close proximity to the proposed new road access for the Kaminak Resources mine plan serviced from Dawson City, YT.

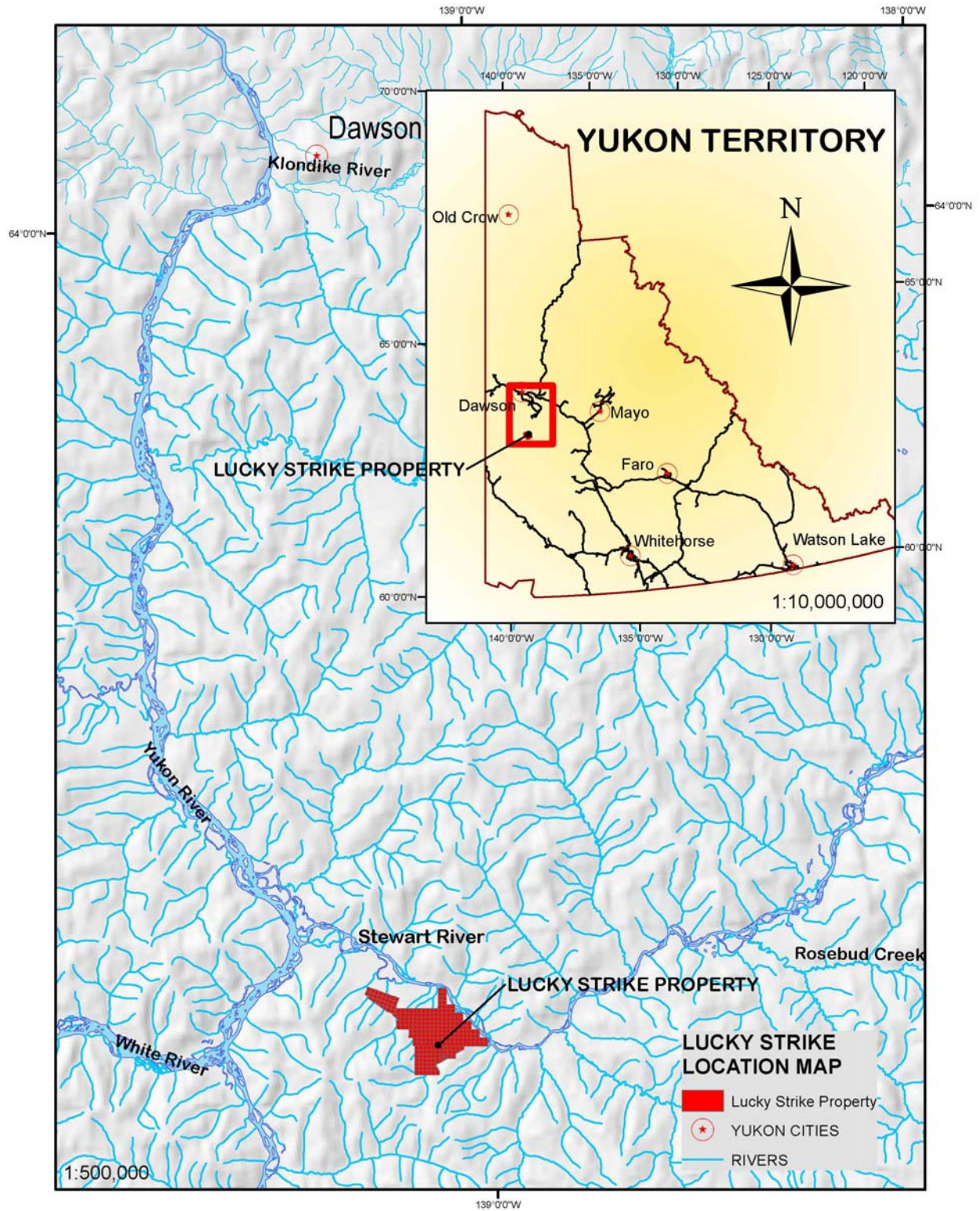


Figure 1: Location Map

## 2.2 DESCRIPTION OF MINING CLAIMS

The Lucky Strike property consists of 261 quartz mining claims located in the Dawson Mining District (Figure 2: *Lucky Strike Claim Map*). The property is comprised of the Lucky, Strike and Au block of claims, all of which are contiguous.

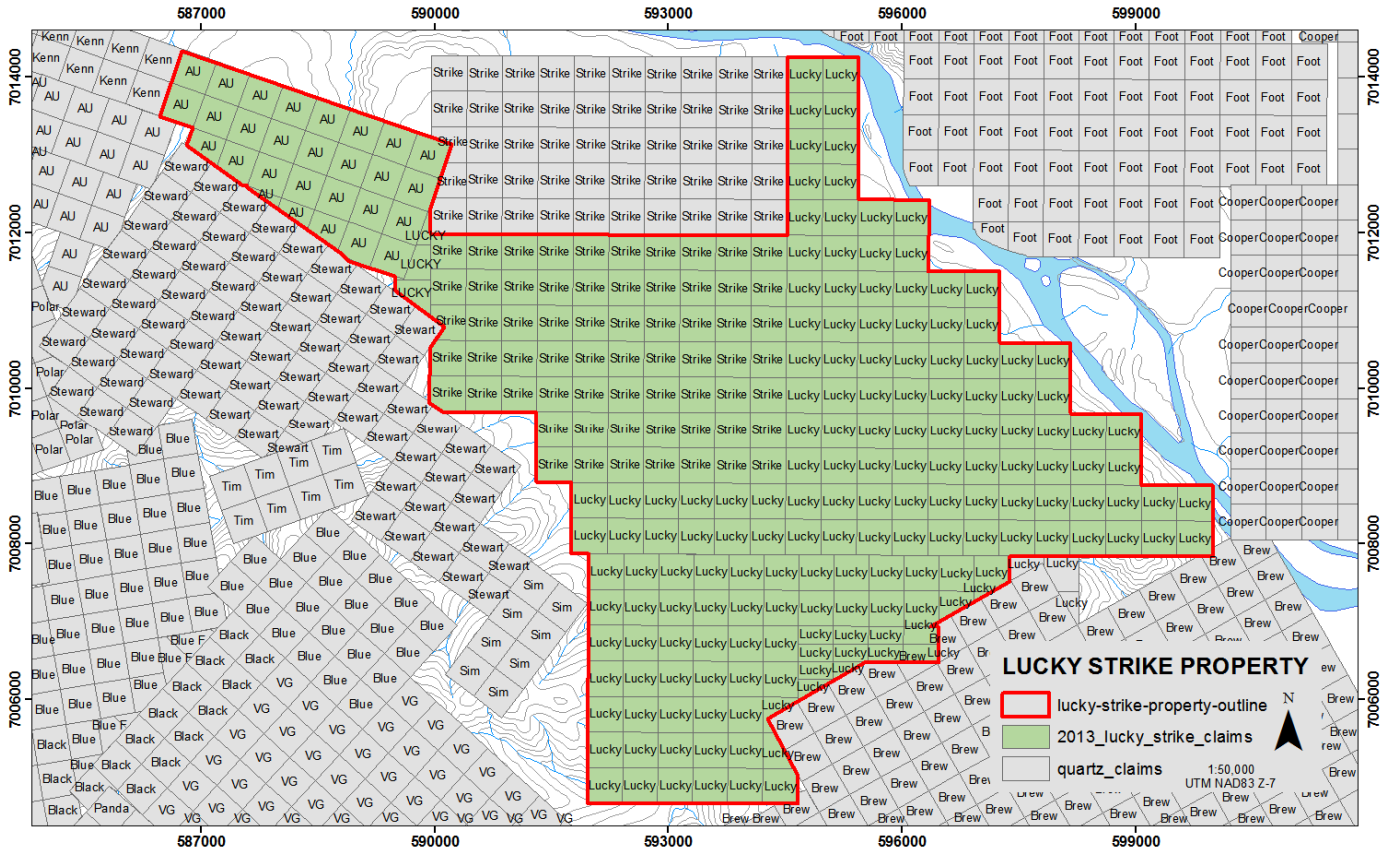


Figure 2: Lucky Strike Claim Map

All claims are owned 100% by Petro One Energy Corp. (formerly named Cloudbreak Resources Ltd.) and they are currently optioned to Goldstrike Resources Ltd. (formerly named Accelrate Power Systems Inc.).

### 3.0 PHYSIOGRAPHY, VEGETATION AND CLIMATE

The Lucky Strike Property lies within a portion of the Yukon that is unglaciated (*Duk-Rodkin, 2001*) and is characterized by smooth round topped hills with steeply dipping incised drainages. The property encompasses an area of tree-covered hills often in various stages of recovery from historical forest fires resulting in areas of dense regrowth of mainly poplar and birch and /or “rafts” of fallen dead spruce trees making travel through some areas difficult. The few unburnt areas on the property have mature spruce forests with thick moss cover on the ground. Bedrock exposure is generally limited to less than 5%. The property lies within the mature dendritic drainages of the Yukon River watershed and is bisected by the northeast steeply dipping drainage of Simmons Creek. Elevations on the property range from 1200m along local river valleys to a maximum height of 2700m on one of the mountain tops within the claim block. Specific areas of higher elevation have subalpine to alpine climate with low scrub and commonly scarce soil development. Soil on a significant part of the property is reasonably well developed.

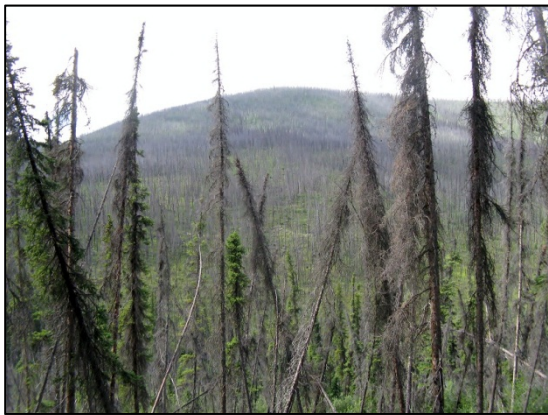


Figure 3: Property Physiography

The Yukon has a sub-arctic continental climate. Summer temperatures can reach up to 35° C but the mean temperature is 10° C. Winter temperatures can be very cold reaching down to -55° C but with a mean winter temperature of -23° C. Dawson City is the nearest point of support and averages above freezing temperatures for 180 days per year.

#### 4.0 PROPERTY HISTORY

The property lies within the Dawson Range Mineral Belt or what has now become more commonly known as the White Gold District since the 2008-2009 discovery of the Golden Saddle and Arc deposits on the White Gold property by Underworld Resources (15km to the W) and the 2010 discovery of the Coffee Property (Supremo and Latte Zones) by Kaminak Resources (37 km to the SW), and the more recent discovery of the QV property by Comstock Metals Ltd in 2011 / 2012, (12 km to the NW). Since these discoveries a large number of claims have been staked in the area.

Prior to 2009 no work history is known on the Lucky Strike property and no known assessment report has been filed on any ground within the claims block.

One MINFILE showing from the Yukon Geological Survey's database occurs within the claim boundary to the northwest of the property and the following summary exists through government publications and the MINFILE database.

Placer work has been undertaken within the drainage system of the area dating back to the Gold Rush of the 1800's.

1992: MINFILE Showing 115N, O 007 – staked as Three Sisters in April of 1992. No work reported aside from the area being underlain by Paleozoic metasedimentary rocks and gneissic granites. Claims were assumed to cover quartz veins.

2009: A property wide soil sampling program was conducted by Aurora Geosciences from Whitehorse on behalf of Accelrate Power Systems Inc.

2009/10: An airborne geophysical survey was conducted by Precision Geophysics on behalf of Accelrate Power Systems Inc.

2011: A soil sampling and prospecting program was conducted on behalf of Goldstrike Resources Ltd. by Druid Exploration from Dawson City and by Kryotec Engineering from Whitehorse.

2012: Two days of prospecting and soil sampling and one day of ground magnetometer surveying was conducted by Druid Exploration Inc. of Dawson City on behalf of Goldstrike Resources Ltd.

2013: Six days of prospecting soil sampling, mechanical trenching and ground magnetometer surveying. Work was conducted by Druid Exploration Inc. of Dawson City on behalf of Goldstrike Resources Ltd.

2014: Sixteen days of prospecting soil sampling, mechanical trenching and ground magnetometer surveying. Work was conducted by Druid Exploration Inc. of Dawson City on behalf of Goldstrike Resources Ltd.

## 5.0 GEOLOGICAL SETTING

### 5.1 REGIONAL GEOLOGY

The Lucky Strike property is situated within the Yukon-Tanana Terrane (YTT), which spans part of the Yukon Territory and east-central Alaska. This terrane is bounded to the northeast and southwest by the right-lateral Tintina-Kaltag and Denali-Farewell fault systems (Figure 4: *Yukon Terrane Map, Nelson and Colpron, 2007*). Between late Paleozoic and early Cenozoic the Canadian Cordillera was accreted to the western margin of the North American craton. The largest of these accreted terranes is the YTT.

In the Middle Paleozoic, the YTT rifted southward and westward away from the northwest margin of Laurentia, in conjunction with the opening of the Slide Mountain Ocean (*Nelson, et al., 2006; Berman, et al., 2007; Colpron, Nelson and Murphy, 2006*). Quartz-rich schists and gneisses are the result of continental margin-type deposition of sediments during this period. Mid Cretaceous intrusive rocks, also found intruding YTT, commonly have been associated with mineralization in the Tintina Gold Province. This province forms an arcuate zone that stretches across Alaska and western Canada and hosts known mineral deposits like Pogo, Fort Knox, and Dublin Gulch.



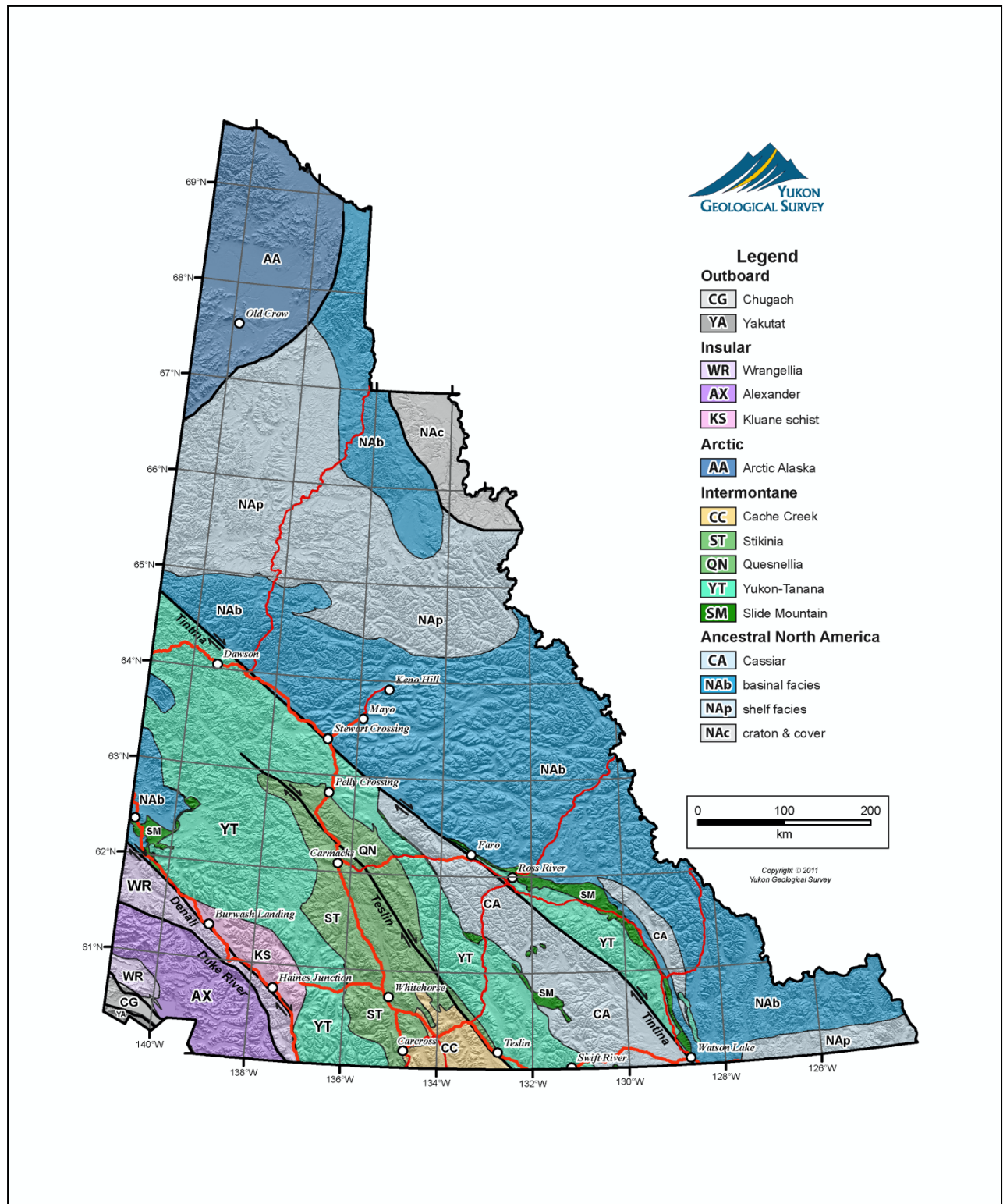


Figure 4: Yukon Terrane Map, Nelson and Colpron, 2007

## 5.2 PROPERTY GEOLOGY AND MINERALIZATION

The Lucky Strike property currently does not have a detailed geology map. The property is extremely limited in outcrop for mapping and typically has between 0% and 5% outcrop in most areas however the basic property geology can be ascertained from the regional geology map of the Stewart River Area (Figure 5: *Geo-Referenced Map of Property Geology, Ryan and Gordey, 2005*).

The property lies within an area of the Yukon that was untouched by the last glaciation (*Duk-Rodkin, 2001*) and appears to be underlain by the same Devonian-Mississippian metamorphic rocks that host the Coffee Creek gold discoveries, the Golden Saddle, the Arc gold deposits and the recent QV discovery (*Wainwright, Simmons, Finnigan, Smith, and Carpenter, 2011* and *Ryan and Gordey, 2005*).

The property consists of 3 distinct metasedimentary and orthogneissic rock packages or panels that trend in a northwest direction through the property. These are described as undivided grey gneiss / amphibolite with an intermediate to mafic composition, quartz mica schists and undivided felsic gneiss. The quartz-mica schists and gneisses appear to be the result of continental margin type deposition with an amphibolite grade of alteration. Later, early Jurassic to mid-Cretaceous granites and granodiorites have intruded the area with at least two small intrusions mapped on the property, one in the south east corner of the property and another to the north of the property. The small southern intrusion is bounded by a north / northeast trending structure which transects both the Kinross property to the south and the Lucky Strike property. Another intrusion is likely located on the northwest Au claims where a strong gamma anomaly is located near the Three Sisters Minfile (Figure 6: *AU Claims, Lucky Strike Property – Total Gamma Response Map, Reed, 2010*). Fresh dykes of intermediate composition and granitic boulders have also been noted on the property by prospectors.

The recent gold discoveries in the White Gold district appear to represent late possibly high crustal level, structurally-controlled mineralizing systems. Key pathfinder elements consist of

As-Ag-Sb-Ba-Mo (*Wainwright, et al., 2011*). The predominant regional control in the White Gold district is the presence of several structural panels bounded by NW-trending first-order fault systems accompanied by second and third order N - NNW and W - WSW trending structures that host mineralization (*Bennett, Colpron and Burke, 2010*).



## TOTAL GAMMA RESPONSE MAP – Au CLAIMS

The drainage mainly associates with lower Gamma response. The Gamma anomalies 1 and 1a are very clear possibly representing a buried intrusion. 1a is likely a faulted off component of 1. Other weaker Gamma highs seem more lithologically based (Reed, 2010).

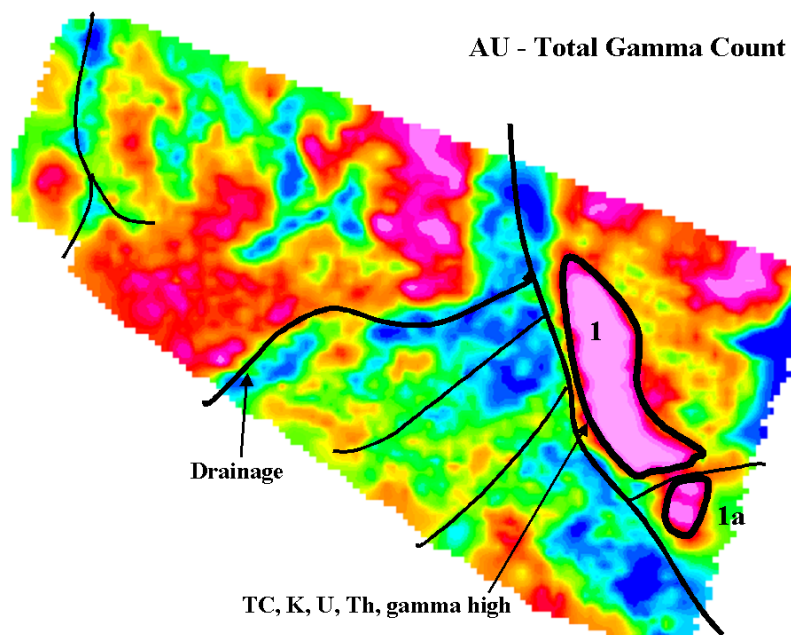


Figure 6: AU Claims, Lucky Strike Property – Total Gamma Response Map

## 6.0 2015 EXPLORATION PROGRAM

In July of 2015 a 5 person crew completed 9 days of mechanical trenching, soil sampling and prospecting on 10 of the 261 quartz claims that form the Lucky Strike Property. The purpose of the exploration program was to determine if the property holds economic quantities of gold mineralization as seen on nearby properties with similar geology. For the purpose of this report the areas of the 2015 exploration program will be referred to as Au claims and “Zone-1” (Figure 7: 2015 Work Program Map).

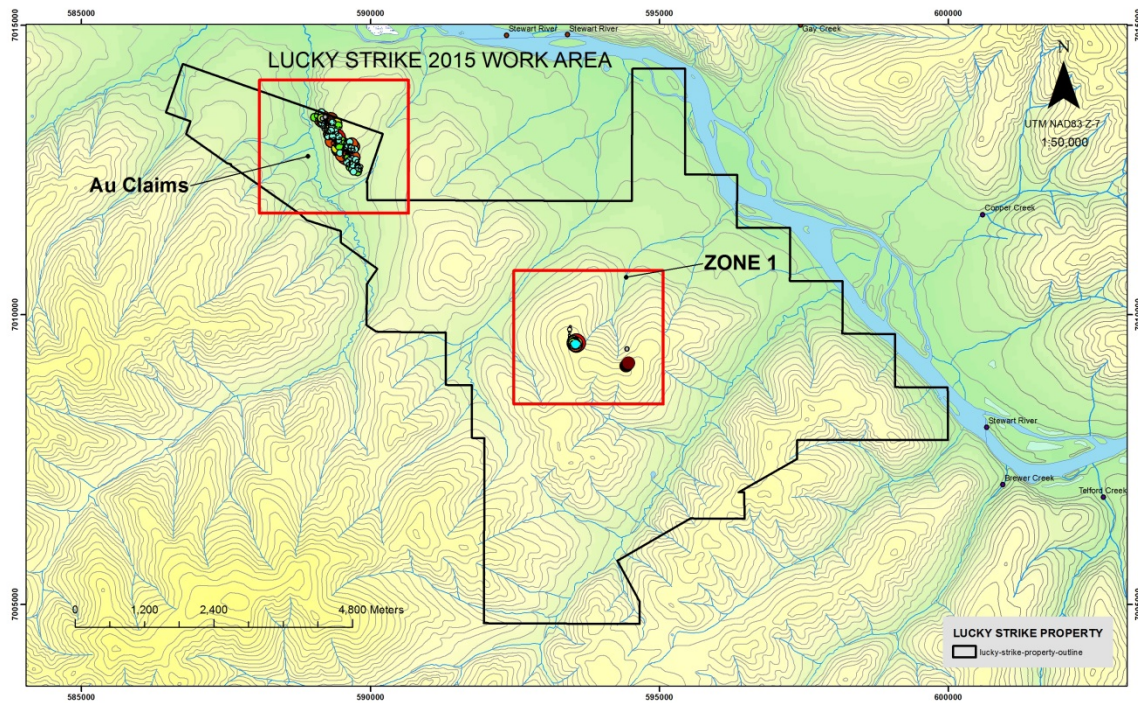


Figure 7: Work program map

Previously known soil sample sites that were geochemically anomalous in gold and other gold pathfinder elements and previously obtained auriferous rocks samples from the property along with airborne geophysics and magnetics were used to vector in on target areas for this program.

The crew of 5 flew to Thistle Creek airstrip located 18km to the southwest of the property by fixed wing aircraft chartered from Great River Air in Dawson City. All crew and equipment were then flown to the property by an A-Star helicopter chartered from Trans North Transport from Dawson City. A fly camp was established near the target site at Zone-1 and used as a base camp for the duration of the program. The crew members consisted of Daithi Mac Gearailt, Project Geologist; Clayton Jones, Geologist; Dustin Blampin, Machine Operator; and Sean Perry and Brad Osmond, Field Hand / Samplers. One day of soil sampling and prospecting at the Au claims was achieved by chartering an extra helicopter for the day and flying from the base camp at Zone-1.

## 6.1 MECHANICAL TRENCHING AND PIT SAMPLES

A total of 21 hand dug pits and a 69m long mechanically dug trench were completed on the property in 2015.

TRENCH: The 69m trench was completed by using a modified Candig Mining CD21 fly portable mini excavator. The trenching program was designed cross a geochemical gold in soils anomaly from the 2014 program. LSTR-01 was 69m in length and was successful in reaching bedrock. The underlying geology is described as orthogenesis with various degrees of sheering and silicification. Typical mineralogy consists of quartz, sericite and mica. Some quartz veining was sampled but did not return any significant gold numbers.

TRENCH NAME	LENGTH	NUMBER OF SAMPLES	GOLD RESULTS
LSTR-01	69m	35	From 0.25 to 217 ppb/Au

Table 1: 2015 Trench Details

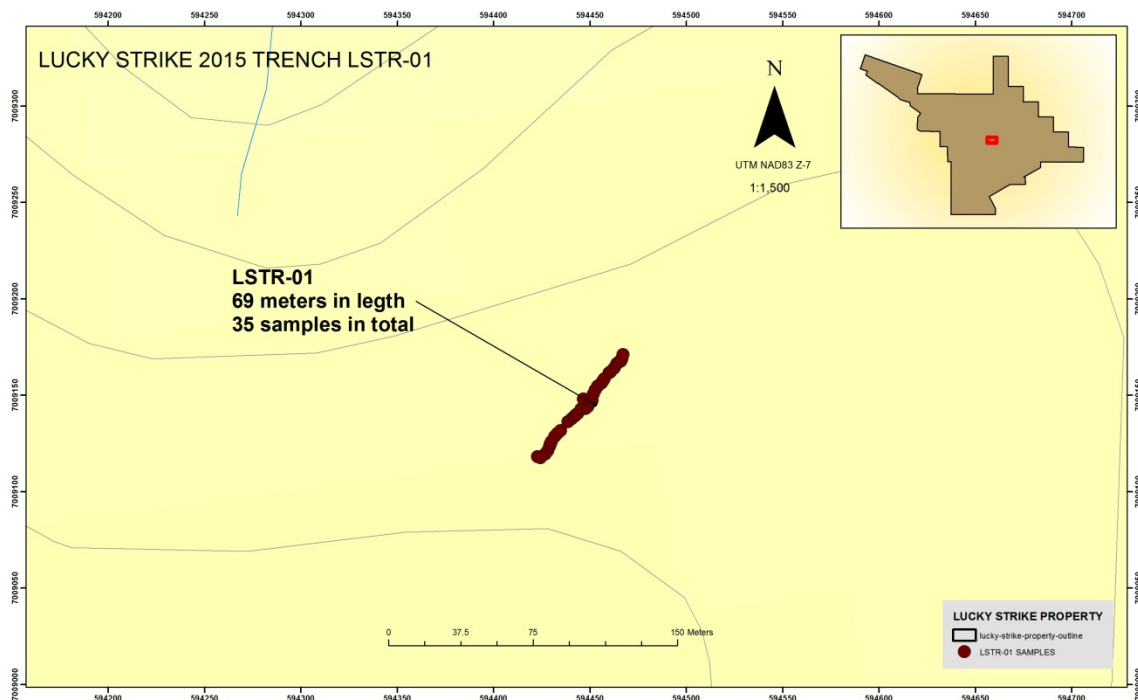


Figure 8: 2015 Trench Map



A total of 35 samples were collected from 69m of trenching in sequence from South to North and returned values between detection and 217 ppb/Au. For a full list of Assay results and descriptions please see Appendix I to III.

PIT & GRAB SAMPLES ZONE-1: A total of 23 rock grab samples were also collected from a series of hand dug pits located 1km northwest of LSTR-01 in Zone-1. (Figure 9: *Pit Sample Locations*). Two northeast trending lines of pits were constructed at 5 meter intervals and 50 meters apart. The pits were designed to cross an inferred northwest structure where previous soils and rocks had returned anomalous gold values including sample 1771951 that contained visible gold discovered in 2014. Sample 1771951 returned a 1.1 g/t Au value by fire assay technique. The sample was described as “a grey to blue scilified volcanic looking quartz sample with visible gold in quartz near a dark brown weathered out sulphide pocket.” The 2015 pits were successful in showing that a consistent trend of gold bearing rocks can be found in that area and appear to be crossing a mineralized northwest trending structure. Pit and grab samples from 2015 returned gold values by fire assay technique between detection and 4,263 ppb/Au with 7 of the samples over 500 ppb/Au. (Figure 10: *Pit Sample Gold Values*).

Anomalous rock samples are generally described as oxidized orthogenesis and gold values are usually associated with brecciation and / or quartz veining. Most samples are intensely weathered, oxidized and brittle with varying amounts of quartz and feldspar alteration. A further 3 samples were assayed from the Au claims and returned gold values between detection and 135 ppb/Au. Two grab samples were taken 200 meters north of LSTR-01 and returned gold values between detection and 3 ppb/Au.

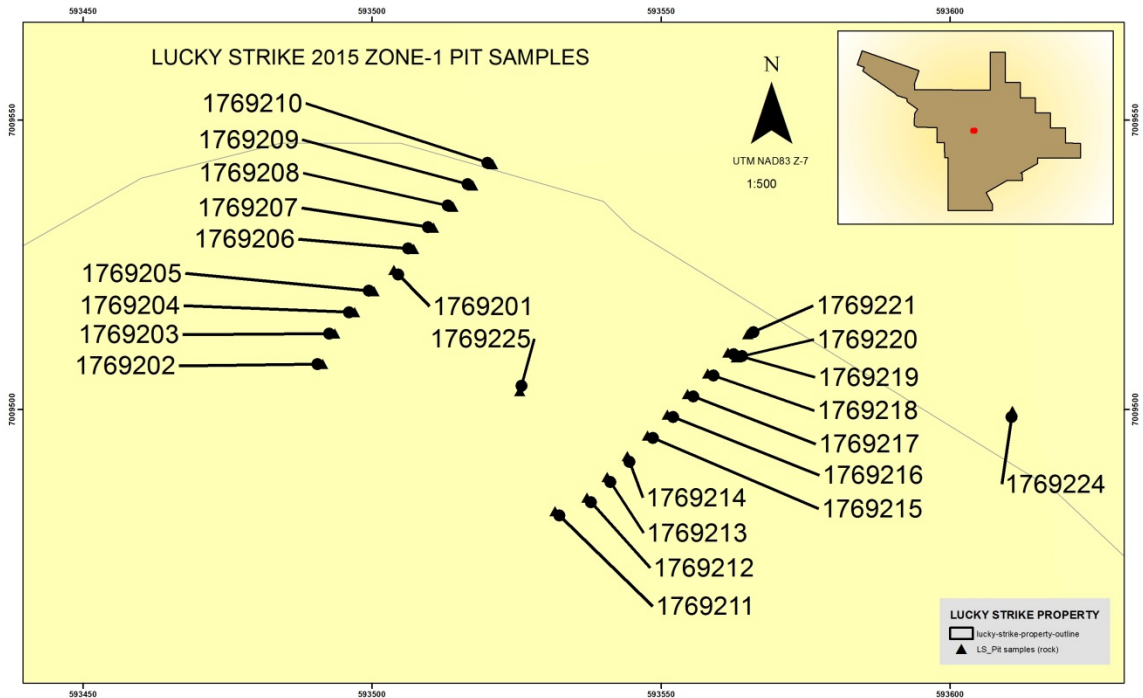


Figure 9: Pit Sample Location Map

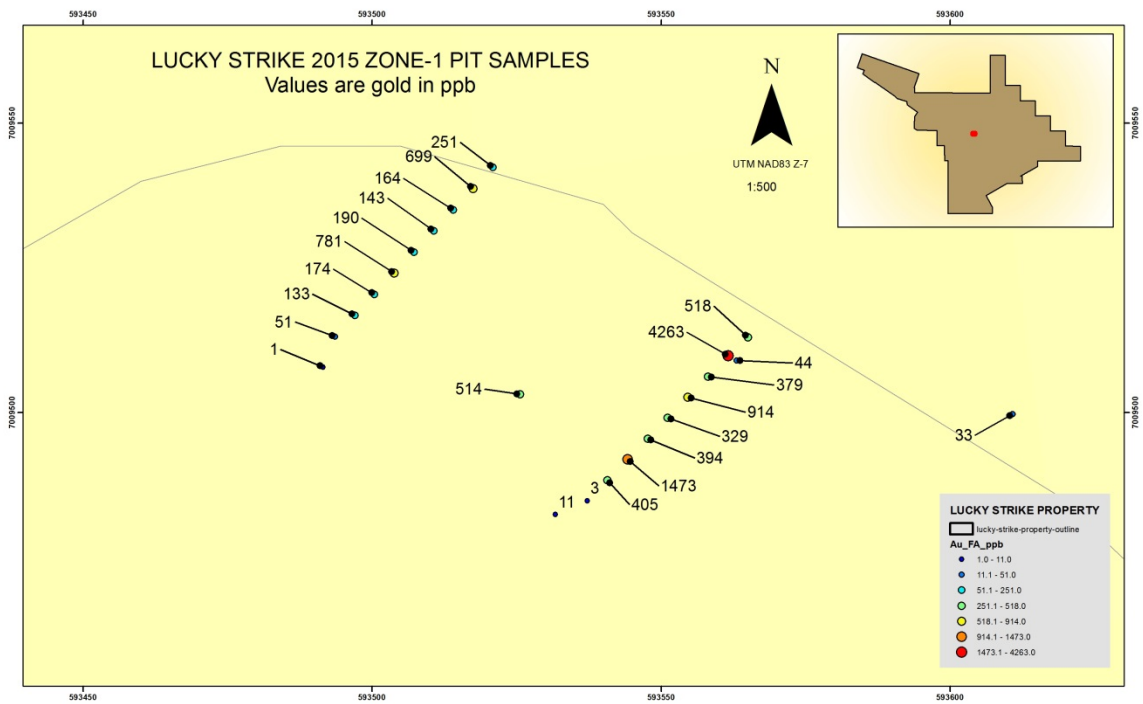


Figure 10: Pit Sample w/ Gold Values

A correlation matrix for samples taken shows the independence of the assay data between pairs of elements. This statistical analysis assists in the determination of the pathfinder elements that may be associated with gold. The closer the correlation coefficient (CC) is to 1.0, the stronger the relationship between the two variables. A summary of the 2015 results is as follows:

Table 2: Gold Pathfinder Elements Based on the Correlation Coefficients of 23, 2015 Pit Samples

Rock Samples	Elements = / > than 0.4 (High CC for Au)	Elements = / > than 0.2 to 0.4 (Med CC for Au)	Number of Samples
2015-Zone 1 pits	Ag, Cd, Hg, Cu, Bi, S	Se, Mo, Pb, Te, As, Sr	23

Below (Figure 11: *Photograph of sample 1769219*) is a typical example of orthogneiss found on the property. Sample 1769219 returned a gold value of 4.26 g/t Au by fire assay. It is described as oxidized quartz vein (70%) and orthogneiss (30%) material. Sections with polished slicken slides in the dark quartz indicate the presence of a structure.

A full list of sample coordinates and descriptions can be found in the appendix.



Figure 11: Photograph of sample 1769219 from Zone 1 Pits

## 6.2 SOIL SAMPLING

A total of 129 soil samples were collected during the 2015 exploration program at Lucky Strike.

At Zone-1, a roughly 400m line of 12 soil samples was collected directly northeast and north of the pit samples. Gold values ranged between 1.7 and 17 ppb/Au. (Figure 12: Zone 1 Soil Sample Map)

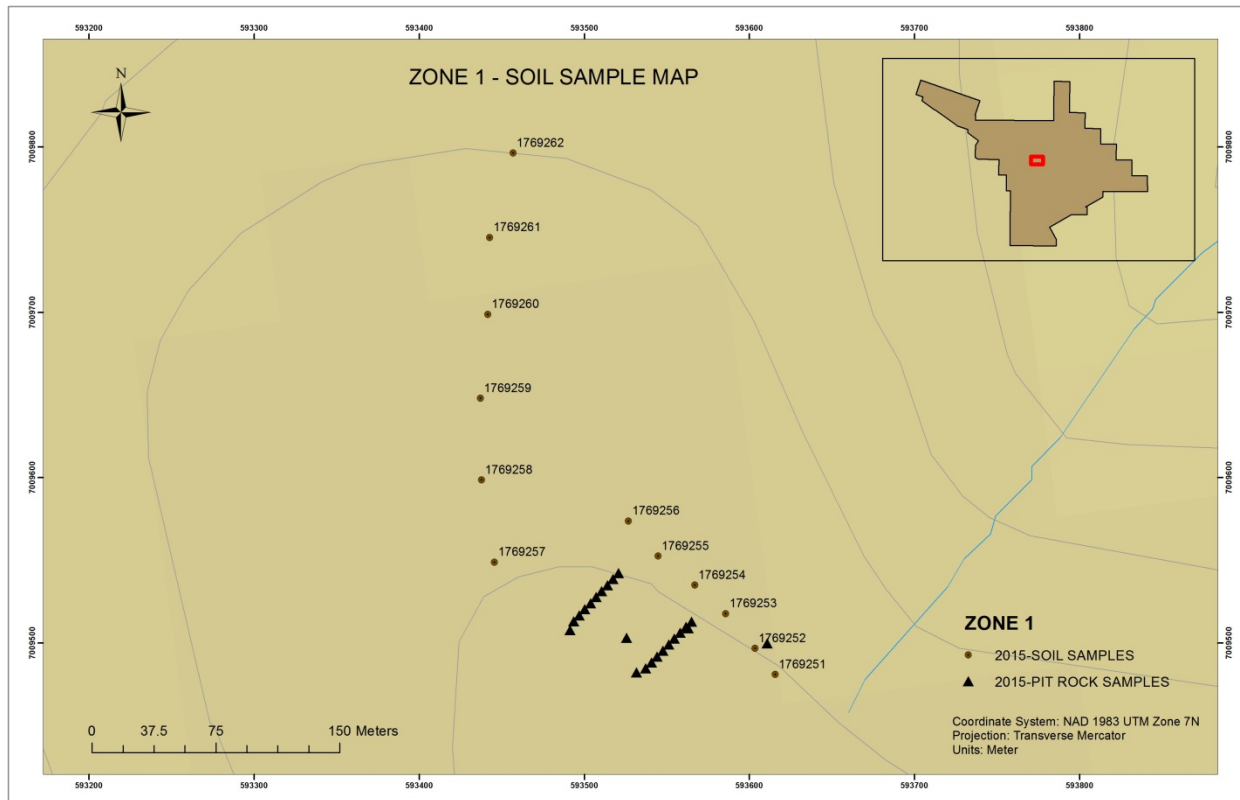


Figure 12: Zone 1 - Soil Sample Map

At the Au claims, a roughly 1200m X 300m grid consisting of 117 soil samples was completed. The soil grid was sampled with 50m sample spacing intervals along lines spaced 50m apart and was designed to cover the edge of the buried intrusion inferred from the airborne geophysical survey conducted in 2009/10 by Precision Geophysics, (Figure 6 : Total Gama Response). Gold values ranged between detection and 1989.2 ppb/Au with 36 samples returning values over 15ppb Au. A strong north west trend can be seen in the gold values when values are contoured, (Figure 13: Au claims Soil Sample Map). See Appendix I to III for all sample descriptions, locations and assay data.

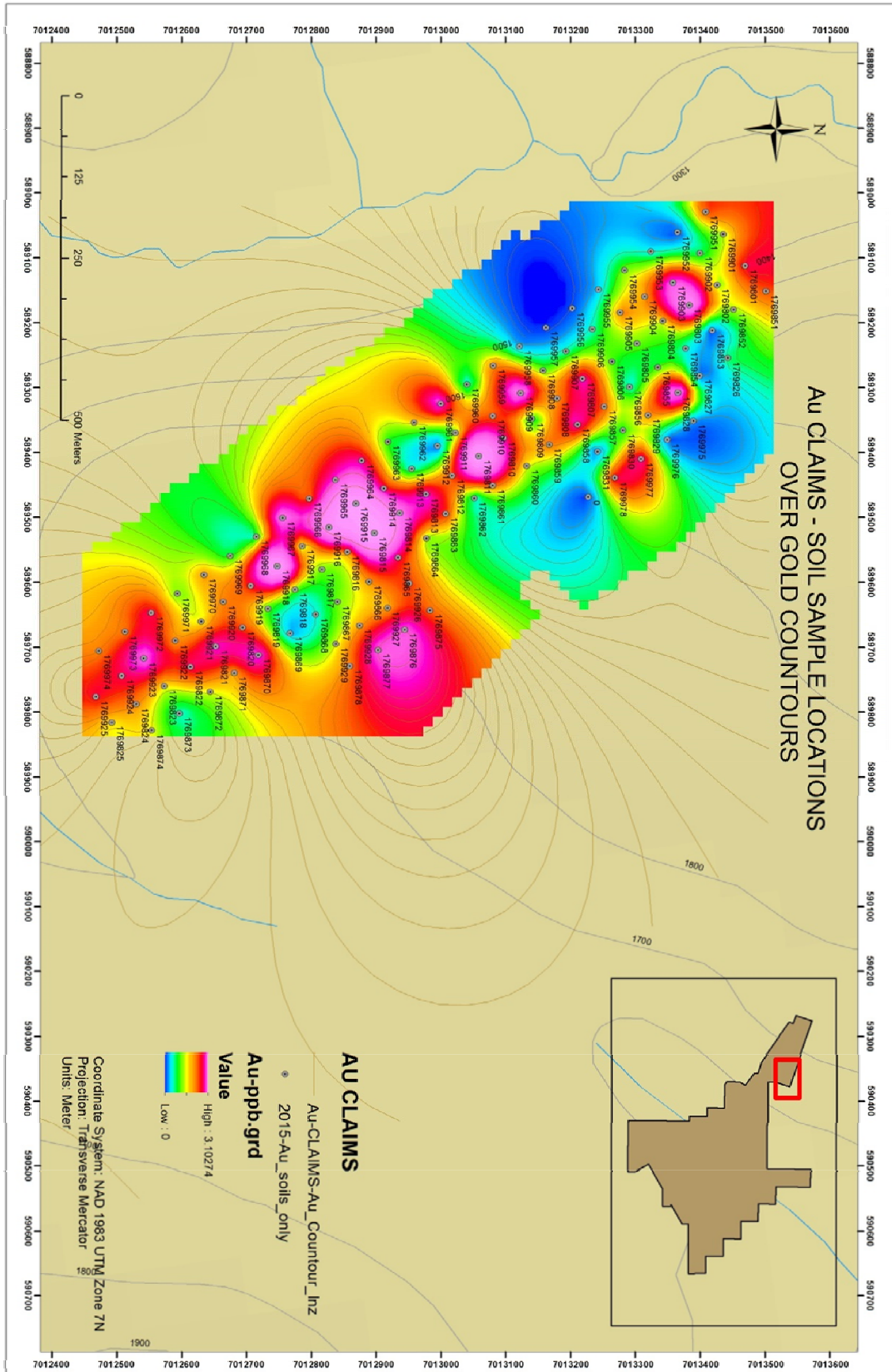


Figure 13: Au Claims - Soil Sample Map

## 7.0 METHODOLOGY, QUALITY ASSURANCE AND QUALITY CONTROL#

### 7.1 GEOCHEMICAL ANALYSIS

All the rock samples collected during the 2015 program were selected, sealed and shipped to Acme Laboratories in Whitehorse, YT. Groups of rock and soil samples were placed into sturdy, labelled, woven-polyethylene bags, sealed with cable ties and stored before shipping at a secure location in Dawson City, YT. All geochemical samples were shipped from Dawson City to Acme Analytical Laboratories in Whitehorse via ground transportation operated by Kluane Freight Lines Ltd. of Dawson City, YT. The assay certificates are located in Appendix I: *Certificates of Analysis*.

All rock samples were prepared by Acme Analytical Laboratories in Whitehorse, YT and the sample pulps were then analyzed by Acme Analytical Laboratories in Vancouver, BC. The samples were first dried at 60 degrees and then up to 5 kg were crushed to 80% passing a 10 mesh (2mm). A split of 250 g was then further pulverized to 85% passing 200 mesh (75mm). The remaining coarse reject portions of the sample remained in storage at the Acme Analytical Laboratories storage facility in Vancouver, BC. It was disposed of after 3 months from the date of analytical completion. A 0.5g split was leached in hot (95°C) Aqua Regia solution and analysed using the Acme Labs assay procedure 1DX-15, a 1:1:1 Aqua Regia digestion with an inductively-coupled plasma mass spectroscopy (ICP-MS) finish. The rock samples were also analysed by Acme Labs 3B lead-collection fire assay fusion procedure with an inductively-coupled plasma [atomic] emission spectroscopy (ICP-ES) finish. A larger 30 g split was used for this analysis procedure. The 3B lead-collection fire assay was used because refractory, massive sulphide and graphitic samples can limit Au solubility potentially yielding lower gold values in the standard ICP – MS procedure.

All the soil samples collected during the 2014 field season were selected, sealed and shipped to Acme Analytical Laboratories in Whitehorse, YT. All soil samples were dried and sieved at Acme Analytical Laboratories in Whitehorse and the sample pulps were analysed by Acme Analytical Laboratories in Vancouver, BC. The soil was dried at 60 degrees and sieved to 85% passing 200

mesh (75 mm). The samples were analysed using the Acme analytical laboratories assay procedure 1DX2, 1:1:1 Aqua Regia digestion with an inductively-coupled plasma mass spectroscopy (ICP-MS) finish. The assay certificates are located in Appendix I: *Certificates of Analysis*.

Acme Analytical Laboratories perform their own QA/QC procedure and are ISO 9001 certified. Blanks, duplicates, and standard reference materials are inserted in sequence of client's samples to provide a measure of background noise, accuracy and precision.

## 7.2 SOIL SAMPLE SURVEY

The proposed sampling locations were predefined and uploaded into a hand held GPS (Global Positioning System). The final sample site was chosen in the field by a trained employee based on soil availability and quality. Soil samples were collected using a 1.0 m long stainless steel Dutch Auger. At all times the soil "C" horizon was targeted for sampling but was not always present or obtainable. Individual soil samples were placed in labelled paper sample bags, sealed with flagging tape in the field and stored on-site to dry. All sample sites were flagged with biodegradable flagging tape and marked with the sample number. The sample sites were recorded using hand-held GPS units (accuracy 1-10 m) and relevant sample information was then recorded in notes by the sampler.

Soil geochemical contouring was produced using Arc GIS 10.0 mapping software. A kriging function was used to create the contoured geochemical maps produced in this report. All geochemical statistics were calculated with Microsoft Excel 2010. The sample element correlation matrix charts were created in Microsoft Excel 2010 and the percentile values of elements were used to derive Pearson coefficients.

### 7.3 TRENCH AND PIT SURVEY

Trench and pit samples were excavated using a modified MiningCD21 Can Dig mini excavator or by traditional pick and shovel methods. Trenches were designed to expose the bedrock at locations with strong gold in soil anomalies and/or auriferous rock grab samples. The location and orientation was determined using Arc GIS 10.0 and then refined in the field based on topographical considerations. The Candig was limited to a depth of approximately 1.5 m and a width of approximately 0.5 m. The rock grab samples were extracted using a rock hammer to expose fresh surfaces and to liberate a large sample of approximately 2.5 kg. All rock samples were described and photographed prior to sealing in a sample bag. Individual rock samples are placed in labelled plastic sample bags, sealed with a cable tie and stored on-site before transport to the analytical laboratory. A representative trench sample was collected for each sample assayed and stored in Dawson City for future analysis.

Trench and pit locations were recorded using hand-held GPS units (accuracy 1-10 m) and flagged with biodegradable flagging tape. All sample intervals are mapped with GPS and sample descriptions recorded.



## 7.5 DATA VERIFICATION

All GPS units were downloaded to a laptop and information then transferred into a spreadsheet. The database is checked both in the field and again in the office prior to writing the geological report on the property. An internal quality assurance / quality control (QA/QC) program was conducted by Druid Exploration by the insertion of blanks and standard materials into the sequence of trench rock samples. Blanks and standard reference materials were inserted in sequence to provide a measure of background noise, accuracy and precision. Acme Analytical Laboratories also performs its own QA/QC procedure and are ISO 9001 certified.

#

## 8.0 DISCUSSION AND CONCLUSION

### 8.1 DISCUSSION

The Lucky Strike property is comprised of various packages of predominately northwest trending gneisses of varying compositions and complexly altered schists. The property contains two mapped early-Jurassic to mid-Cretaceous granite / granodiorite intrusions but recent airborne geophysics suggests the presence of at least one other within the property boundary in the area called Au claims.

The mapped intrusion in the southern portion of the claims is bounded to the north by a northeast trending structure that transects both the Kinross property to the south and the Lucky Strike property. The property location is in relatively close proximity to a number of recent gold discoveries including the Golden Saddle and Arc deposits on the White Gold property by Underworld Resources (15km to the W), the Coffee Property (Supremo and Latte Zones) by Kaminak Resources (37 km to the SW), and the QV property by Comstock Metals Ltd (12 km to the NW). The property area is surrounded by drainages that have seen historical gold placer mining work throughout the last century and up to the present day.

Zone-1, the main area of the 2015 exploration program on the Lucky Strike property is underlain by a sequence of heavily altered, weathered and oxidized gneiss, orthogneiss and schists with < 5% outcrop making detailed mapping difficult. Previous ridge and spur soil sampling and the limited trenching in the Zone-1 area by Goldstrike Resources between 2011 and 2015 returned a number of highly anomalous gold values in both soils and in rocks. Many of these soils were also elevated in gold pathfinder elements and are located directly within the general target area of the 2015 work program. Numerous gold bearing rock samples have now been discovered within Zone-1 including sample 1771951 that contained visible gold discovered in in 2014 and the newly discovered 50m X 50m Pit and grab sample area from 2015. The 2015 pit samples returned gold values in rock by fire assay technique between detection and 4,263 ppb/Au with 7 of the samples over 500 ppb/Au indicating an underlying northwest structural control on the mineralization in an area with great potential for expansion.

The 2013 and 2014 ground geophysical survey was successful in highlighting a change in ground magnetics that indicates a change in lithology that corresponds with interpreted northwest trending structures or contacts. Analysis of the geochemistry from the soil sampling along with field observations would imply that there is a series of northwest contacts or mineralized structure trending through the Zone-1 area and could be an important influence on mineralization.

A strong northwest trending gold anomaly is seen at the Au and corresponds well with the inferred margin of a buried intrusion seen from the historical airborne geophysical survey.

## 8.2 CONCLUSION

- Zone-1 on the Lucky Strike Property has returned numerous gold bearing rock samples within a small area in a relatively short period of time.
- We know from historical trenching programs at Lucky Strike that gold appears to be associated with quartz veining, brecciation and silica and feldspar alteration. Mineralized rocks are often found associated with slicken slides and heavily altered and oxidized rocks indicating that structurally controlled fluid pathways may be controlling mineralization. The influence of nearby intrusions on mineralization is still unknown but needs further investigations.
- This area of the Yukon was not affected by the last glaciation and thus geochemical anomalies derived by soil sampling should be representative of the underlying bedrock and mineralization. The combined 2013 to 2015 soil sampling programs have now outlined number of excellent targets with consistent gold pathfinder geochemical signatures that need to be tested.
- Many similarities can be drawn between Lucky Strike Property and neighboring deposits and discoveries including host rocks, age, alteration, brecciation, structure, proximity to intrusions, gold grades and associated mineralogy.

- The 2013 and 2014 ground magnetic survey, was significant in showing that it can be a useful aid in mapping the underlying geology, and structure, in an area with little outcrop.

Based on the positive results seen to date at the Lucky Strike Property a follow-up exploration program is recommended.

## 9.0 RECOMMENDATIONS

The Lucky Strike Property now holds two strong targets that warrant immediate follow up exploration programs. Firstly, the Au claims soil grid needs expanding and areas of multiple gold anomalies should be opened up by trenching and sampled and mapped. Follow up trenching, soil sampling and ground magnetometer surveying over the area of the 2015 pit sampling from Zone 1 should be done to confirm the consistency of the new zone and to determine its orientation. Further prospecting is required throughout the property especially in areas where previous soil sampling returned anomalous values for gold or known gold pathfinder elements and in areas with prospective geology and structure. Based on the positive results obtained to date a future program should include the following:

1. A detailed gridded (50m sample spacing on 50m line spacing) soil sampling survey is recommended to expand the Au claims survey. This survey should not be undertaken before mid-July to avoid issues with frozen ground. An estimation of approximately 3000 samples would be needed and a crew of 6 would require approximately 14 days to complete this survey.
2. A detailed gridded (50m sample spacing on 50m line spacing) soil sampling survey is recommended to expand upon the pit sample area from Zone 1. This survey should not be undertaken before mid-July to avoid issues with frozen ground. An estimation of approximately 1000 samples would be needed and a crew of 6 would require approximately 6 days to complete this survey.

3. A follow up trenching program over anomalous soil sample sites with a modified fly portable Candig Mini excavator. The program should include sample duplicates to be taken for every sample and thin section analysis on auriferous samples. This should be conducted as late in the season as possible to allow for maximum ground thaw and trenches should remain open until the following season until all analysis has been completed. This would require approximately a crew of 4 for 10 days at 150 samples total.
4. Reconnaissance mapping and prospecting over the entire property based on 200m spaced traverse lines by geologists and prospectors. 4 crew for 21 days at 600 samples. Prospecting and mapping should allocate time to investigate all known anomalous soil sample locations on the property, the mapped fault bounded intrusion to the south of the property, the area around the Three sisters MINFILE showing on the Au claims and all prospective geology and structure on the property.

The estimated budget for a follow up program on Lucky Strike is approximately \$462,000.00. This is just a guide and actual costs will differ when a detailed program is laid out (Table 4: *Estimated Budget for Follow up Exploration Program*).

ESTIMATED BUDGET FOR FOLLOW UP PROGRAM				
ITEM	DESCRIPTION	TIME	UNIT AMOUNT	\$ AMOUNT
1	SOIL SAMPLING	20 DAYS	4000 samples	\$ 144,000.00
2	TRENCHING + SAMPLING	10 DAYS	150 samples	\$ 16,000.00
3	MAPPING & PROSPECTING	21 DAYS	600 samples	\$ 90,000.00
4	HELICOPTER & FUEL		100 hrs	\$ 120,000.00
5	FIXED WING AIRCRAFT		20 trips	\$ 30,000.00
6	CAMP COSTS	50 DAYS		\$ 20,000.00
			SUBTOTAL	\$ 420,000.00
	CONTINGENCY @ 10%			\$ 42,000.00
			TOTAL	<b>\$ 462,000.00</b>

Table 3: Estimated Budget for Follow up Exploration Program

## 10.0 REFERENCES

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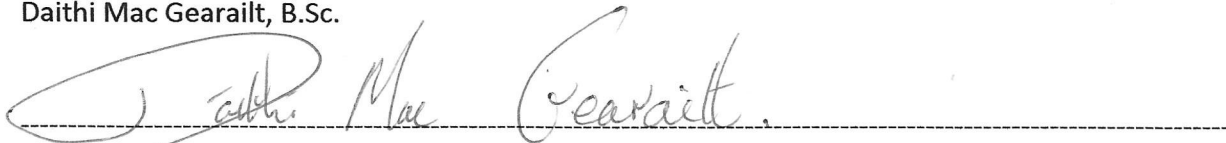
## 11.0 STATEMENT OF QUALIFICATIONS OF AUTHOR

I, Daithi Mac Gearailt, of:  
Dawson City, Yukon Territory  
Y0B 1G0,  
867-689-1475

Do hereby certify that:

1. I am a mineral exploration geologist with over 8 years of experience working in Ireland, Yukon Territory, Alaska and Nevada.
2. I am a graduate of National University of Ireland-Galway (NUIG), with an honors degree in geology (B.Sc., 2007) and have been involved in geology and mineral exploration continuously since 2007.
3. I am a member of The Yukon Chamber of Mines, The Association for Mineral Exploration British Columbia, AME BC and of the Irish Association of Economic Geology (IAEG).
4. I am the author of this report on the Lucky Strike property located in the Dawson Mining District, Yukon. The report is based on information obtained in the field, given to me and on referenced sources. It is, to the best of my knowledge, true and correct.

Daithi Mac Gearailt, B.Sc.

A handwritten signature in cursive script that reads "Daithi Mac Gearailt". The signature is written in dark ink and is positioned above a horizontal dashed line.

DATE: Jan 25th 2016

## APPENDIX I





**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:** **Goldstrike Resources Ltd.**  
1300 - 1111 West Georgia Street  
Vancouver BC V6E 4M3 CANADA

Submitted By: Trevor Bremner  
Receiving Lab: Canada-Whitehorse  
Received: July 27, 2015  
Report Date: September 22, 2015  
Page: 1 of 6

## CERTIFICATE OF ANALYSIS

WHI15000111.1

### CLIENT JOB INFORMATION

Project: Lucky Strike  
Shipment ID: LS\_SOIL\_2015  
P.O. Number  
Number of Samples: 128

### SAMPLE DISPOSAL

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

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

Invoice To: Goldstrike Resources Ltd.  
1300 - 1111 West Georgia Street  
Vancouver BC V6E 4M3  
CANADA

CC: Bill Chornobay  
Daithi Mac Gerailt  
Diana Benz

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	128	Dry at 60C			WHI
SS80	128	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	128	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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**Project:** Lucky Strike

**Report Date:** September 22, 2015

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**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

WHI15000111.1

Method Analyte	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	%	%	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	
1769251	Soil	3.2	16.8	11.9	81	0.1	15.5	14.4	1042	2.79	7.0	5.3	3.9	13	0.2	0.9	0.2	63	0.12	0.195	15
1769252	Soil	5.4	33.3	15.8	130	0.1	34.7	14.4	673	4.15	11.4	9.4	8.1	15	0.2	0.9	0.2	78	0.17	0.105	23
1769253	Soil	2.5	31.1	14.3	103	0.1	25.9	10.2	326	3.58	5.9	17.0	4.7	16	0.1	2.1	0.1	65	0.16	0.052	14
1769254	Soil	2.9	40.5	19.3	130	<0.1	40.7	17.4	560	4.08	7.4	6.7	8.0	16	0.2	1.1	0.2	88	0.19	0.072	21
1769255	Soil	8.6	33.6	13.5	87	<0.1	32.4	14.2	355	3.44	7.9	7.9	5.8	20	0.1	0.7	0.2	79	0.21	0.041	18
1769256	Soil	5.7	32.3	7.6	105	<0.1	28.6	11.2	395	3.64	4.3	2.4	8.1	20	0.1	0.4	0.1	84	0.09	0.056	22
1769257	Soil	3.2	41.4	22.5	93	<0.1	40.5	12.8	238	3.42	11.3	6.4	5.2	14	0.2	3.7	0.2	69	0.10	0.031	26
1769258	Soil	1.7	32.8	12.4	81	<0.1	36.8	10.6	275	3.36	16.0	3.4	7.0	14	0.2	0.5	0.1	53	0.12	0.046	20
1769259	Soil	1.9	28.0	16.7	101	0.1	34.4	11.9	294	3.36	20.8	1.7	5.8	12	0.3	0.6	0.4	68	0.11	0.048	14
1769260	Soil	4.9	26.6	17.9	68	0.1	27.6	11.5	300	3.03	11.4	2.9	6.7	16	<0.1	0.9	0.2	61	0.08	0.037	21
1769261	Soil	2.2	25.3	13.0	60	0.1	26.2	12.3	228	2.90	12.1	5.6	5.4	14	<0.1	0.7	0.2	66	0.11	0.024	13
1769262	Soil	1.9	33.4	15.9	119	<0.1	31.4	8.0	275	3.12	18.0	2.2	9.8	23	0.1	0.5	0.2	76	0.15	0.036	30
1769801	Soil	1.9	33.9	8.7	71	0.1	25.6	19.7	864	4.29	6.8	21.6	3.0	39	0.2	0.9	0.1	105	1.43	0.047	11
1769802	Soil	1.7	31.1	4.3	52	<0.1	27.0	18.4	546	3.80	5.0	4.9	1.6	59	0.1	0.7	0.1	82	2.88	0.068	6
1769803	Soil	21.8	39.3	11.5	56	0.7	34.4	16.7	699	2.92	13.9	208.9	1.3	68	0.7	3.1	0.2	54	4.01	0.049	6
1769804	Soil	1.3	44.3	5.8	83	<0.1	37.8	36.8	1113	6.18	3.1	6.2	4.2	52	0.3	0.4	<0.1	166	4.20	0.106	15
1769805	Soil	2.4	56.4	4.2	93	<0.1	34.4	41.0	1778	6.91	2.7	4.7	1.5	63	0.2	0.7	<0.1	229	4.90	0.092	11
1769806	Soil	0.9	24.7	9.0	70	0.1	14.7	15.3	794	3.70	4.5	4.2	1.7	22	0.2	0.4	<0.1	81	0.57	0.060	8
1769807	Soil	1.8	24.8	25.1	83	0.1	43.8	27.2	1593	5.24	3.2	34.6	2.9	50	0.4	0.4	<0.1	134	5.22	0.067	12
1769808	Soil	0.8	30.1	4.7	79	<0.1	28.8	37.4	1682	6.85	3.9	8.9	5.6	57	0.2	0.3	<0.1	204	4.00	0.080	17
1769809	Soil	1.4	32.3	6.5	66	<0.1	28.4	27.2	1040	5.89	4.1	2.8	3.3	37	<0.1	0.3	<0.1	126	3.98	0.093	21
1769810	Soil	1.5	51.4	174.3	60	0.4	25.3	19.8	1311	3.47	5.1	28.1	1.9	68	0.6	0.5	1.2	95	7.30	0.052	7
1769811	Soil	4.0	82.5	15.3	72	2.3	38.6	17.9	2175	4.57	19.1	1011.7	11.8	22	0.5	2.8	<0.1	102	0.27	0.045	24
1769812	Soil	0.8	76.0	22.4	53	<0.1	26.0	11.0	441	2.80	8.7	13.9	3.9	26	<0.1	1.0	0.1	62	0.45	0.040	14
1769813	Soil	1.3	45.0	5.6	56	<0.1	5.1	16.9	1236	3.74	2.4	38.0	1.8	39	0.1	0.4	<0.1	77	8.05	0.063	4
1769814	Soil	2.7	34.4	10.4	59	0.2	22.2	25.4	1493	3.56	3.7	68.9	2.4	45	0.2	0.4	<0.1	92	3.28	0.028	7
1769815	Soil	5.0	91.8	6.7	80	2.7	25.6	28.4	1857	5.44	9.9	1989.2	1.4	37	0.6	2.8	<0.1	75	1.56	0.041	7
1769816	Soil	0.3	63.2	3.8	75	<0.1	18.4	29.8	893	5.46	2.5	7.3	1.8	20	<0.1	0.2	<0.1	111	0.91	0.099	8
1769817	Soil	1.2	40.4	6.8	102	<0.1	45.0	27.8	1210	5.41	3.8	4.7	3.6	25	0.1	0.6	0.2	88	0.66	0.065	18
1769818	Soil	0.3	18.2	8.2	78	<0.1	24.2	27.9	1108	5.36	2.0	3.6	1.5	43	0.2	0.2	<0.1	101	0.99	0.062	7



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Report Date: September 22, 2015

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# CERTIFICATE OF ANALYSIS

WHI15000111.1

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	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		
1769251	Soil	24	0.24	362	0.050	3	1.20	0.007	0.18	0.1	0.33	3.1	0.2	<0.05	6	<0.5	<0.2	
1769252	Soil	40	0.46	330	0.108	3	1.54	0.008	0.48	0.1	0.07	4.1	0.5	<0.05	7	<0.5	<0.2	
1769253	Soil	32	0.49	389	0.086	2	1.59	0.007	0.38	0.1	1.24	6.7	0.3	<0.05	5	0.7	<0.2	
1769254	Soil	46	0.56	478	0.116	2	1.72	0.007	0.53	<0.1	0.10	5.5	0.4	<0.05	6	0.7	<0.2	
1769255	Soil	43	0.53	373	0.075	2	1.77	0.010	0.22	0.1	0.12	5.7	0.3	<0.05	6	0.6	<0.2	
1769256	Soil	43	0.56	331	0.119	2	1.66	0.005	0.58	<0.1	0.08	6.1	0.5	<0.05	5	0.7	<0.2	
1769257	Soil	43	0.40	229	0.070	4	1.57	0.006	0.18	0.2	0.17	4.9	0.2	<0.05	5	<0.5	<0.2	
1769258	Soil	28	0.27	239	0.037	2	1.01	0.005	0.15	<0.1	0.05	6.2	0.3	<0.05	4	0.7	<0.2	
1769259	Soil	33	0.32	218	0.032	3	1.32	0.006	0.11	0.1	0.08	3.7	0.2	<0.05	5	<0.5	<0.2	
1769260	Soil	30	0.32	213	0.042	2	1.44	0.006	0.13	<0.1	0.05	3.9	0.2	<0.05	4	<0.5	<0.2	
1769261	Soil	38	0.44	207	0.064	2	1.79	0.007	0.10	0.1	0.06	3.9	0.2	<0.05	5	<0.5	<0.2	
1769262	Soil	42	0.51	347	0.120	2	1.56	0.006	0.55	<0.1	0.13	5.5	0.6	<0.05	6	0.6	<0.2	
1769801	Soil	34	0.66	756	0.027	8	1.62	0.011	0.40	<0.1	0.06	16.3	0.1	<0.05	5	<0.5	<0.2	
1769802	Soil	18	0.76	390	0.002	3	0.79	0.007	0.23	<0.1	0.04	14.7	<0.1	<0.05	2	<0.5	<0.2	
1769803	Soil	29	0.51	802	0.005	7	0.76	0.007	0.17	0.1	0.50	12.1	<0.1	0.07	2	0.8	0.7	
1769804	Soil	60	1.15	684	0.038	3	1.29	0.007	0.54	<0.1	0.17	25.3	0.3	0.06	5	0.6	<0.2	
1769805	Soil	47	0.55	627	0.006	5	0.89	0.006	0.21	<0.1	0.06	27.0	0.2	<0.05	4	0.6	<0.2	
1769806	Soil	21	0.39	375	0.025	5	1.09	0.010	0.26	<0.1	0.02	18.4	0.1	<0.05	4	<0.5	<0.2	
1769807	Soil	81	0.67	614	0.020	4	1.02	0.008	0.25	<0.1	0.39	24.9	0.1	<0.05	4	0.5	0.8	
1769808	Soil	64	1.98	1022	0.116	3	2.98	0.011	0.60	<0.1	0.04	20.6	0.3	<0.05	14	<0.5	<0.2	
1769809	Soil	65	1.27	514	0.017	5	2.46	0.009	0.24	<0.1	0.03	23.0	0.1	<0.05	10	<0.5	<0.2	
1769810	Soil	38	0.52	418	0.022	4	0.75	0.015	0.09	<0.1	0.06	14.3	<0.1	<0.05	3	<0.5	0.3	
1769811	Soil	24	0.20	493	0.021	3	0.91	0.005	0.08	0.1	0.59	24.8	<0.1	<0.05	3	0.9	1.2	
1769812	Soil	26	0.44	214	0.048	2	1.12	0.015	0.07	0.1	0.04	9.0	<0.1	<0.05	3	<0.5	<0.2	
1769813	Soil	5	0.20	379	0.004	5	0.63	0.004	0.18	<0.1	0.03	19.9	<0.1	<0.05	3	<0.5	<0.2	
1769814	Soil	21	0.34	334	0.003	4	0.61	0.004	0.13	<0.1	0.05	20.6	<0.1	<0.05	3	<0.5	<0.2	
1769815	Soil	18	0.30	429	0.008	6	0.81	0.008	0.07	<0.1	0.27	23.5	0.1	<0.05	2	0.7	1.4	
1769816	Soil	49	0.94	530	0.015	2	1.85	0.013	0.41	<0.1	<0.01	19.5	0.2	<0.05	7	<0.5	<0.2	
1769817	Soil	81	0.62	484	0.014	3	1.38	0.008	0.27	<0.1	0.03	23.6	0.1	<0.05	5	<0.5	<0.2	
1769818	Soil	68	2.19	367	0.008	<1	2.90	0.012	0.05	<0.1	<0.01	14.8	<0.1	<0.05	9	<0.5	<0.2	



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Project: Lucky Strike

Report Date: September 22, 2015

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# CERTIFICATE OF ANALYSIS

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Method Analyte	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	%	%	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	
1769819	Soil	0.7	75.4	2.8	79	<0.1	12.7	26.7	2055	8.12	2.7	3.6	2.6	42	<0.1	0.5	<0.1	181	2.22	0.071	12
1769820	Soil	1.1	23.0	7.8	48	<0.1	13.6	20.7	1086	3.98	3.6	14.6	1.2	68	0.2	1.2	<0.1	92	9.99	0.033	4
1769821	Soil	1.2	34.6	2.0	94	<0.1	6.7	21.6	1188	6.00	3.4	37.3	1.8	25	<0.1	0.3	<0.1	236	0.68	0.060	15
1769822	Soil	0.9	30.4	5.5	106	<0.1	38.1	32.2	1960	5.88	2.2	24.5	3.7	28	0.1	0.6	<0.1	182	0.98	0.087	15
1769823	Soil	1.0	34.1	9.9	72	<0.1	27.1	12.5	552	2.80	8.8	6.3	4.0	52	0.3	0.9	0.2	64	1.38	0.056	14
1769824	Soil	1.0	35.5	9.4	66	0.1	27.6	11.6	412	2.80	8.6	10.8	4.1	68	0.2	0.8	0.1	67	1.98	0.050	14
1769825	Soil	0.9	34.2	10.2	61	0.1	27.1	11.9	424	2.79	8.9	6.7	3.9	73	0.2	0.8	0.2	70	1.84	0.048	14
1769826	Soil	1.1	8.5	8.4	62	<0.1	13.9	7.6	710	2.08	3.3	3.4	1.7	22	0.2	0.4	0.1	47	0.37	0.045	8
1769827	Soil	0.5	14.5	5.4	80	<0.1	157.0	19.4	898	2.98	6.0	1.1	1.4	61	0.1	0.4	<0.1	44	4.41	0.044	7
1769828	Soil	0.9	53.6	5.5	108	0.3	26.3	35.9	1987	9.29	4.7	123.2	1.2	51	0.3	1.5	<0.1	204	3.13	0.088	7
1769829	Soil	1.3	71.9	6.8	77	0.3	17.3	13.7	927	3.64	16.5	11.7	2.6	23	0.4	7.4	<0.1	40	2.88	0.031	10
1769830	Soil	1.2	63.0	13.6	75	0.1	17.4	27.3	1646	5.46	3.5	3.5	1.9	31	0.1	0.4	0.2	151	4.27	0.075	10
1769831	Soil	2.0	25.4	3.2	67	<0.1	8.0	19.5	1310	3.77	2.1	0.7	0.6	24	<0.1	0.3	<0.1	84	3.58	0.040	3
1769951	Soil	1.5	36.9	9.0	72	0.1	25.9	23.7	829	5.11	6.7	16.8	2.6	82	0.1	0.8	<0.1	138	3.83	0.076	10
1769952	Soil	1.4	26.0	10.0	63	<0.1	104.1	20.1	518	3.29	5.5	<0.5	3.1	48	0.1	0.5	0.1	64	1.85	0.044	7
1769953	Soil	0.7	26.6	23.2	66	0.2	21.9	15.1	422	2.87	7.6	2.1	9.9	35	0.1	0.5	0.3	50	1.01	0.028	27
1769954	Soil	0.9	14.3	5.6	45	<0.1	11.5	14.8	875	3.23	2.2	5.3	0.7	39	0.3	0.3	<0.1	78	3.21	0.038	4
1769955	Soil	0.8	26.1	20.7	75	0.1	23.8	15.9	534	3.24	4.6	1.7	9.1	34	0.1	0.3	0.3	55	1.10	0.037	26
1769956	Soil	1.2	51.7	26.0	62	0.1	41.5	25.4	890	5.09	3.6	1.1	3.8	108	0.1	0.5	0.3	99	3.55	0.079	15
1769957	Soil	1.4	28.8	7.1	51	<0.1	24.0	28.1	1163	4.76	1.8	<0.5	1.5	137	<0.1	0.4	<0.1	115	5.57	0.084	9
1769958	Soil	1.8	45.1	22.0	77	<0.1	30.3	22.7	1207	4.12	6.1	1.5	3.4	58	0.2	0.3	0.1	89	4.02	0.059	12
1769959	Soil	2.2	61.4	9.1	71	<0.1	14.6	27.6	1427	4.87	4.5	12.3	3.3	67	0.2	0.6	<0.1	131	6.36	0.092	10
1769960	Soil	0.9	13.3	15.5	47	<0.1	16.0	7.8	481	1.61	11.3	2.0	5.1	75	0.2	0.3	0.1	21	2.43	0.023	13
1769961	Soil	3.3	55.0	7.8	66	0.2	21.9	19.2	1451	3.69	4.7	54.3	2.8	55	0.3	0.6	<0.1	89	5.61	0.045	9
1769962	Soil	1.1	28.9	12.4	60	<0.1	16.0	14.9	871	3.20	15.3	7.7	4.3	24	0.1	0.8	0.1	61	1.98	0.025	12
1769963	Soil	0.4	16.3	17.0	52	<0.1	14.4	8.0	299	1.90	11.3	3.7	8.2	13	<0.1	0.2	0.3	18	0.28	0.008	24
1769964	Soil	1.1	34.4	4.0	62	<0.1	9.2	16.8	1191	4.01	4.0	27.6	1.9	28	0.1	0.5	<0.1	82	3.96	0.060	4
1769965	Soil	7.9	20.8	8.1	47	<0.1	5.9	12.5	1040	3.17	2.4	35.6	2.1	20	0.2	0.3	<0.1	38	2.09	0.046	7
1769966	Soil	1.2	74.4	8.9	56	<0.1	7.3	17.8	1159	3.69	2.2	10.9	1.6	22	0.2	0.4	<0.1	101	3.30	0.100	5
1769967	Soil	9.3	53.4	6.1	71	0.2	11.0	15.7	1353	5.25	6.6	79.6	1.5	14	0.1	1.8	<0.1	74	0.20	0.036	6



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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	
1769819	Soil	12	0.80	658	0.053	4	1.44	0.008	0.57	<0.1	0.02	29.4	0.3	<0.05	6	<0.5	<0.2
1769820	Soil	36	0.38	535	0.006	6	0.63	0.006	0.13	<0.1	0.03	18.2	0.1	<0.05	3	<0.5	<0.2
1769821	Soil	4	1.42	470	0.053	1	2.23	0.037	0.38	<0.1	0.02	24.7	0.1	<0.05	10	0.7	<0.2
1769822	Soil	84	0.92	516	0.064	3	1.26	0.008	0.58	<0.1	0.02	28.7	0.3	<0.05	8	<0.5	<0.2
1769823	Soil	29	0.67	343	0.081	1	1.48	0.033	0.11	0.1	0.04	5.4	<0.1	<0.05	4	<0.5	<0.2
1769824	Soil	30	0.72	367	0.082	1	1.54	0.034	0.10	0.1	0.04	6.4	<0.1	<0.05	5	<0.5	<0.2
1769825	Soil	30	0.68	375	0.091	2	1.67	0.033	0.08	0.1	0.04	6.7	<0.1	<0.05	5	<0.5	<0.2
1769826	Soil	23	0.33	429	0.037	1	1.31	0.011	0.13	0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1769827	Soil	198	1.85	529	0.009	3	0.77	0.010	0.12	<0.1	0.05	13.6	<0.1	<0.05	2	<0.5	<0.2
1769828	Soil	17	0.68	484	0.016	7	0.95	0.006	0.43	<0.1	0.19	35.5	0.2	<0.05	6	0.9	0.2
1769829	Soil	14	0.38	634	0.013	5	0.78	0.006	0.13	<0.1	0.32	11.3	0.1	<0.05	3	<0.5	<0.2
1769830	Soil	32	0.42	627	0.017	5	0.91	0.011	0.18	0.1	0.04	26.6	0.1	<0.05	5	<0.5	<0.2
1769831	Soil	7	0.20	434	0.004	4	0.65	0.007	0.13	<0.1	0.04	19.8	<0.1	<0.05	3	<0.5	<0.2
1769951	Soil	40	1.14	547	0.027	5	1.46	0.013	0.28	<0.1	0.05	16.1	0.1	<0.05	6	<0.5	<0.2
1769952	Soil	103	0.95	511	0.007	7	1.00	0.007	0.35	<0.1	0.04	13.0	0.2	<0.05	4	<0.5	<0.2
1769953	Soil	28	0.66	288	0.012	3	1.30	0.010	0.24	<0.1	0.10	8.6	0.3	<0.05	6	<0.5	<0.2
1769954	Soil	11	0.42	407	0.009	6	0.71	0.006	0.15	<0.1	0.07	17.2	<0.1	<0.05	3	<0.5	<0.2
1769955	Soil	35	0.80	477	0.025	4	1.50	0.010	0.27	<0.1	0.06	9.5	0.2	<0.05	7	<0.5	<0.2
1769956	Soil	67	1.09	573	0.031	5	1.62	0.008	0.54	<0.1	0.02	17.8	0.1	<0.05	6	0.9	<0.2
1769957	Soil	31	0.73	308	0.008	7	1.01	0.010	0.31	<0.1	0.02	22.5	0.1	<0.05	4	<0.5	<0.2
1769958	Soil	41	0.71	460	0.013	8	0.93	0.015	0.27	0.2	0.05	20.6	0.2	<0.05	4	<0.5	<0.2
1769959	Soil	18	0.54	775	0.018	8	0.99	0.007	0.34	<0.1	0.02	23.3	0.2	<0.05	4	<0.5	<0.2
1769960	Soil	12	0.28	897	0.007	3	0.56	0.009	0.10	<0.1	0.05	3.8	<0.1	<0.05	2	<0.5	<0.2
1769961	Soil	24	0.41	419	0.021	4	0.78	0.011	0.09	0.1	0.07	15.7	<0.1	<0.05	3	<0.5	0.3
1769962	Soil	13	0.17	847	0.004	4	0.67	0.005	0.16	<0.1	0.11	13.5	0.2	<0.05	2	<0.5	<0.2
1769963	Soil	9	0.07	98	0.002	2	0.41	0.004	0.10	<0.1	0.03	5.2	0.1	<0.05	3	<0.5	<0.2
1769964	Soil	12	0.18	283	0.008	5	0.61	0.006	0.11	<0.1	0.19	21.7	<0.1	<0.05	3	<0.5	<0.2
1769965	Soil	4	0.15	315	0.003	8	0.70	0.006	0.32	<0.1	0.07	17.4	0.1	<0.05	2	<0.5	<0.2
1769966	Soil	7	0.14	144	0.004	4	0.57	0.004	0.13	<0.1	0.02	29.7	<0.1	<0.05	2	<0.5	<0.2
1769967	Soil	10	0.22	195	0.006	6	1.01	0.003	0.29	<0.1	0.05	27.0	0.1	<0.05	3	<0.5	<0.2



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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	
1769968	Soil	2.5	58.1	7.7	69	<0.1	23.4	14.2	575	4.34	8.2	2.4	4.0	22	<0.1	1.1	0.1	77	0.37	0.060	18
1769969	Soil	7.8	10.8	5.6	58	<0.1	12.1	20.3	1112	4.29	10.9	3.2	0.7	61	0.2	0.6	<0.1	96	8.72	0.052	2
1769970	Soil	1.0	25.6	9.1	39	<0.1	10.1	11.6	577	2.61	3.4	10.1	1.4	16	<0.1	2.1	<0.1	53	0.76	0.077	5
1769971	Soil	3.0	30.4	21.6	53	<0.1	21.8	11.7	908	3.03	7.8	4.5	5.5	37	0.1	0.9	0.3	61	0.56	0.037	15
1769972	Soil	8.5	38.2	10.1	73	<0.1	22.1	15.7	570	3.48	6.7	23.8	3.3	54	0.2	1.2	0.1	73	1.88	0.063	14
1769973	Soil	1.6	33.4	9.7	66	<0.1	22.8	12.0	538	2.86	7.2	11.0	3.5	55	0.2	0.9	0.1	56	1.60	0.051	13
1769974	Soil	2.7	37.3	9.9	60	<0.1	25.3	12.5	491	2.97	7.0	10.6	3.6	57	0.2	0.9	0.1	63	1.59	0.053	13
1769975	Soil	0.8	32.2	8.0	56	<0.1	24.6	11.1	484	2.37	8.0	1.3	4.1	28	<0.1	0.7	0.1	51	0.56	0.044	15
1769976	Soil	0.5	10.1	7.1	39	<0.1	12.6	5.9	454	1.96	5.6	<0.5	3.3	39	<0.1	0.7	0.1	29	2.66	0.088	14
1769977	Soil	2.9	33.9	7.1	93	<0.1	12.7	18.9	1565	4.39	2.8	30.3	1.6	28	0.4	0.6	<0.1	69	5.20	0.050	5
1769978	Soil	2.7	24.4	8.2	67	0.1	16.9	9.4	1344	3.30	3.7	23.2	1.2	15	0.2	0.7	<0.1	38	0.25	0.014	5
1769901	Soil	2.3	53.6	5.6	84	<0.1	24.4	37.3	1118	7.24	7.3	5.3	1.3	76	0.2	0.3	<0.1	254	3.40	0.078	10
1769902	Soil	1.0	19.1	16.4	62	<0.1	25.4	14.9	505	2.58	6.7	2.9	6.9	86	0.1	1.3	0.2	45	1.71	0.032	20
1769903	Soil	1.9	38.2	6.3	57	0.1	16.4	18.9	759	3.83	4.8	54.5	0.8	61	0.3	0.9	<0.1	91	3.47	0.075	5
1769904	Soil	1.5	29.9	6.2	69	0.1	26.1	15.2	701	3.64	5.7	9.0	1.2	84	0.3	0.6	<0.1	99	4.50	0.059	9
1769905	Soil	0.7	25.3	4.1	43	<0.1	8.5	14.2	902	2.70	2.1	11.6	0.8	67	0.3	0.4	<0.1	61	5.12	0.047	3
1769906	Soil	2.0	36.0	10.4	85	<0.1	50.3	25.8	954	5.61	7.3	2.5	2.7	27	0.2	0.5	0.1	140	0.98	0.032	12
1769907	Soil	1.0	27.7	6.7	67	<0.1	27.1	21.4	1047	5.50	5.3	2.6	6.1	43	0.1	0.3	<0.1	101	1.50	0.105	34
1769908	Soil	0.6	36.3	6.5	56	<0.1	23.3	12.9	444	3.38	6.2	4.4	2.1	57	0.1	0.6	0.1	79	2.83	0.057	12
1769909	Soil	1.2	32.2	15.3	59	0.3	23.6	14.1	894	3.63	8.4	99.6	2.1	50	0.4	0.5	0.1	71	2.14	0.066	11
1769910	Soil	3.2	19.5	23.3	73	0.2	17.7	16.9	1181	3.91	12.6	12.2	2.4	31	0.3	0.8	0.2	82	0.61	0.054	9
1769911	Soil	1.6	21.2	11.6	49	0.1	23.4	12.2	694	2.76	7.7	4.4	3.7	25	<0.1	0.7	0.1	63	0.54	0.018	14
1769912	Soil	2.6	34.3	11.2	58	<0.1	21.7	16.7	592	4.34	6.3	1.1	4.2	16	<0.1	0.4	<0.1	107	0.42	0.032	8
1769913	Soil	0.6	36.5	4.8	78	<0.1	7.7	16.3	816	4.98	6.1	2.2	2.4	21	<0.1	0.7	<0.1	116	3.54	0.088	8
1769914	Soil	0.6	33.3	6.0	42	0.2	17.0	10.6	541	2.49	5.3	17.8	1.8	93	0.1	0.9	<0.1	58	5.27	0.063	9
1769915	Soil	10.0	41.5	7.7	54	0.4	20.2	15.3	905	4.04	6.8	901.1	2.8	18	0.1	1.1	<0.1	80	0.34	0.036	13
1769916	Soil	2.2	24.3	8.3	61	0.6	24.4	15.2	1819	4.10	5.7	320.7	2.7	24	0.3	0.7	<0.1	56	0.45	0.055	17
1769917	Soil	0.5	22.0	5.2	81	<0.1	29.1	29.6	1654	5.00	1.9	4.7	3.3	43	0.1	0.3	<0.1	168	3.66	0.069	15
1769918	Soil	4.2	27.7	7.9	72	1.0	25.6	15.9	516	4.94	5.2	854.3	2.6	13	0.2	1.1	<0.1	108	0.15	0.023	10
1769919	Soil	7.8	22.2	7.2	115	<0.1	27.4	37.2	3666	7.74	12.9	17.9	0.7	46	0.3	12.2	<0.1	182	5.64	0.048	5



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Project: Lucky Strike

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# CERTIFICATE OF ANALYSIS

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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	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		
1769968	Soil	29	0.52	227	0.045	4	1.62	0.010	0.29	0.2	0.03	19.1	0.1	<0.05	5	<0.5	<0.2	
1769969	Soil	18	0.14	181	0.002	5	0.39	0.005	0.10	<0.1	0.28	20.1	0.1	<0.05	1	<0.5	<0.2	
1769970	Soil	11	0.16	123	0.007	4	0.72	0.007	0.12	0.2	0.02	17.8	<0.1	<0.05	2	<0.5	<0.2	
1769971	Soil	21	0.30	351	0.017	6	1.06	0.013	0.19	0.2	0.21	8.8	0.2	<0.05	4	<0.5	<0.2	
1769972	Soil	26	0.60	294	0.043	4	1.33	0.027	0.14	0.1	0.10	14.7	0.1	<0.05	4	<0.5	<0.2	
1769973	Soil	25	0.65	310	0.061	3	1.48	0.035	0.10	0.1	0.05	7.7	<0.1	<0.05	5	<0.5	<0.2	
1769974	Soil	28	0.64	358	0.075	3	1.60	0.035	0.11	0.1	0.04	8.5	<0.1	<0.05	5	<0.5	<0.2	
1769975	Soil	27	0.60	327	0.045	2	1.43	0.015	0.08	0.1	0.04	6.6	<0.1	<0.05	4	<0.5	<0.2	
1769976	Soil	9	0.28	584	0.005	3	0.85	0.013	0.12	<0.1	0.03	5.0	<0.1	<0.05	2	<0.5	<0.2	
1769977	Soil	15	0.27	865	0.011	5	0.81	0.007	0.18	<0.1	0.08	16.0	<0.1	0.05	3	<0.5	<0.2	
1769978	Soil	9	0.21	534	0.017	6	0.71	0.007	0.12	<0.1	0.18	14.4	<0.1	<0.05	4	<0.5	<0.2	
1769901	Soil	31	1.35	528	0.015	5	2.15	0.013	0.25	<0.1	0.02	23.2	<0.1	0.13	9	0.7	<0.2	
1769902	Soil	25	0.51	909	0.003	2	1.08	0.005	0.16	<0.1	0.15	8.8	0.2	<0.05	4	<0.5	<0.2	
1769903	Soil	19	0.71	561	0.013	8	0.83	0.007	0.32	<0.1	0.09	17.5	0.1	0.08	3	0.7	<0.2	
1769904	Soil	29	0.65	546	0.027	6	1.03	0.012	0.25	0.1	0.05	13.4	0.1	0.07	4	0.7	<0.2	
1769905	Soil	8	0.43	477	0.008	5	0.66	0.005	0.23	<0.1	0.03	16.6	0.1	<0.05	3	<0.5	<0.2	
1769906	Soil	65	0.43	592	0.011	6	1.22	0.007	0.34	<0.1	0.05	21.0	0.1	<0.05	5	0.5	<0.2	
1769907	Soil	57	1.77	681	0.090	4	2.56	0.010	0.82	<0.1	0.03	13.3	0.2	<0.05	11	<0.5	<0.2	
1769908	Soil	37	0.88	440	0.036	4	1.55	0.023	0.13	0.1	0.03	9.2	<0.1	<0.05	5	<0.5	<0.2	
1769909	Soil	34	0.59	424	0.037	5	1.11	0.016	0.15	0.2	0.24	15.4	<0.1	0.05	4	0.5	0.3	
1769910	Soil	29	0.30	421	0.042	6	1.34	0.011	0.15	0.2	0.02	11.0	<0.1	<0.05	4	<0.5	<0.2	
1769911	Soil	33	0.45	464	0.054	3	1.42	0.014	0.12	0.2	0.02	9.3	<0.1	<0.05	4	<0.5	<0.2	
1769912	Soil	45	0.39	420	0.032	5	1.35	0.007	0.35	<0.1	0.02	14.2	0.1	<0.05	5	<0.5	<0.2	
1769913	Soil	10	0.82	473	0.091	5	1.43	0.006	0.60	<0.1	0.01	23.6	0.2	<0.05	5	0.5	<0.2	
1769914	Soil	17	0.49	359	0.023	5	0.89	0.015	0.09	0.1	0.06	12.9	<0.1	<0.05	3	<0.5	<0.2	
1769915	Soil	15	0.47	256	0.041	3	1.29	0.006	0.46	<0.1	0.07	23.0	0.1	<0.05	4	<0.5	0.3	
1769916	Soil	21	0.51	362	0.025	5	1.20	0.006	0.17	0.1	0.05	18.0	<0.1	<0.05	4	<0.5	0.2	
1769917	Soil	70	1.02	472	0.051	<1	1.37	0.008	0.27	<0.1	0.02	28.1	0.2	<0.05	8	<0.5	<0.2	
1769918	Soil	86	0.29	378	0.003	4	1.03	0.004	0.18	<0.1	0.11	19.5	0.1	<0.05	3	<0.5	1.3	
1769919	Soil	28	0.39	863	0.012	8	0.91	0.006	0.28	<0.1	0.04	27.5	0.2	<0.05	4	<0.5	<0.2	



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Method Analyte	Unit	MDL	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
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
			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	
1769920	Soil		0.6	24.3	4.5	39	<0.1	8.2	10.9	674	2.37	2.4	11.1	0.8	76	0.1	0.7	<0.1	48	9.84	0.045	4
1769921	Soil		0.3	22.5	2.4	36	<0.1	21.5	15.1	585	2.50	3.1	6.0	2.8	19	<0.1	0.2	<0.1	71	0.65	0.079	10
1769922	Soil		1.3	66.1	6.4	71	<0.1	21.7	17.3	1390	4.71	6.2	9.0	3.2	19	<0.1	0.8	<0.1	99	0.49	0.077	18
1769923	Soil		1.1	39.4	11.0	59	0.1	23.1	14.2	463	3.27	5.2	60.2	3.5	37	0.1	0.7	0.1	73	0.80	0.033	14
1769924	Soil		0.9	39.5	8.7	59	0.2	26.0	11.0	403	2.83	8.7	20.3	3.6	92	0.2	0.9	0.1	68	3.49	0.040	13
1769925	Soil		0.5	31.6	8.7	45	0.2	21.8	9.5	309	2.54	6.3	19.6	3.1	70	0.1	0.6	0.1	55	2.09	0.037	13
1769926	Soil		0.6	31.4	4.4	41	<0.1	19.8	10.5	298	2.62	4.8	16.4	2.4	34	<0.1	0.5	<0.1	34	1.50	0.024	6
1769927	Soil		1.8	13.0	12.2	67	<0.1	19.3	11.8	850	2.73	5.7	8.0	2.2	27	0.4	0.4	0.1	61	0.42	0.068	10
1769928	Soil		0.9	42.4	7.8	55	<0.1	31.4	14.9	1078	3.00	6.1	9.2	4.0	20	<0.1	0.8	<0.1	45	0.32	0.019	17
1769929	Soil		1.0	36.9	10.4	56	0.1	27.8	10.5	428	2.35	8.7	6.3	3.5	96	0.3	0.8	0.1	53	3.96	0.059	13
1769851	Soil		1.7	38.4	5.9	98	<0.1	31.8	30.9	1253	6.23	4.8	14.0	2.1	30	0.2	0.6	0.1	223	1.33	0.075	14
1769852	Soil		0.9	29.6	4.8	52	<0.1	11.0	13.7	747	2.97	3.5	5.7	0.9	63	0.1	0.8	<0.1	70	4.68	0.083	6
1769853	Soil		1.2	9.1	7.9	89	<0.1	14.5	9.8	436	2.71	5.0	0.8	3.2	18	<0.1	0.4	0.1	47	0.39	0.048	10
1769854	Soil		3.0	16.1	13.9	82	<0.1	26.0	10.8	459	2.76	10.0	2.4	4.0	28	0.2	0.6	0.2	62	0.63	0.122	13
1769855	Soil		1.8	46.6	10.4	112	0.1	21.4	24.3	1667	6.23	6.0	3.6	2.1	23	0.3	0.7	<0.1	143	0.63	0.065	13
1769856	Soil		1.7	50.9	14.1	100	0.1	41.0	32.8	1354	6.08	1.7	2.0	3.7	29	0.2	0.3	0.2	183	5.11	0.063	8
1769857	Soil		1.1	32.7	6.5	79	0.1	15.7	18.5	1062	3.86	6.5	13.8	3.0	13	0.2	0.6	<0.1	75	0.34	0.052	9
1769858	Soil		1.3	30.6	5.8	71	0.1	18.2	21.8	1475	4.20	3.3	36.6	1.9	31	0.2	0.4	<0.1	96	1.85	0.066	7
1769859	Soil		1.8	63.2	8.9	90	<0.1	21.5	20.7	1170	5.08	5.9	13.2	2.2	27	<0.1	0.4	0.1	121	1.55	0.037	8
1769860	Soil		0.8	24.0	3.6	72	<0.1	32.3	27.1	1354	5.72	3.4	5.9	4.3	40	<0.1	0.4	<0.1	131	5.71	0.070	14
1769861	Soil		0.5	20.4	6.3	37	<0.1	22.0	22.2	1305	4.19	4.0	12.2	3.5	37	<0.1	0.2	<0.1	71	9.72	0.037	7
1769862	Soil		0.1	36.7	23.5	76	<0.1	32.6	24.9	637	5.98	4.5	2.1	3.4	40	<0.1	<0.1	0.2	138	1.15	0.113	11
1769863	Soil		1.5	92.7	22.5	73	<0.1	21.7	27.8	987	5.49	3.0	17.5	3.7	59	<0.1	0.1	<0.1	123	5.17	0.069	12
1769864	Soil		0.6	91.4	2.1	87	<0.1	19.5	31.2	1380	5.38	1.7	4.5	1.0	77	0.1	0.4	<0.1	164	7.55	0.077	5
1769865	Soil		1.3	25.3	5.0	58	<0.1	15.7	10.0	553	3.29	7.5	19.8	3.0	18	<0.1	0.5	<0.1	54	0.22	0.020	9
1769866	Soil		1.1	22.7	3.4	51	<0.1	12.6	9.8	1068	2.91	4.2	9.9	1.9	16	<0.1	0.5	<0.1	57	0.19	0.014	10
1769867	Soil		1.4	28.8	7.8	89	<0.1	14.0	15.0	690	5.16	4.0	5.0	4.1	23	<0.1	0.5	<0.1	152	0.25	0.023	19
1769868	Soil		0.5	43.7	4.9	72	<0.1	13.2	23.9	1302	4.37	1.6	2.3	5.4	34	<0.1	0.2	0.1	81	2.61	0.061	17
1769869	Soil		1.0	43.3	6.1	47	<0.1	16.8	12.1	794	4.11	5.5	1.5	8.1	15	<0.1	0.5	0.1	35	0.40	0.095	21
1769870	Soil		1.1	79.5	5.2	75	0.1	12.8	31.2	1852	6.36	3.2	52.0	4.2	24	<0.1	0.6	<0.1	152	0.74	0.049	9





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		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	
1769920	Soil	6	0.23	264	0.003	4	0.52	0.006	0.07	<0.1	0.03	14.0	<0.1	0.05	2	<0.5	<0.2
1769921	Soil	63	1.13	213	0.065	<1	1.34	0.035	0.21	<0.1	0.02	6.4	<0.1	<0.05	5	<0.5	<0.2
1769922	Soil	19	0.51	480	0.030	2	1.23	0.010	0.25	0.1	0.04	23.2	0.1	<0.05	4	<0.5	<0.2
1769923	Soil	33	0.67	392	0.083	2	1.75	0.028	0.13	<0.1	0.04	10.3	<0.1	<0.05	6	<0.5	<0.2
1769924	Soil	29	0.77	391	0.090	2	1.64	0.036	0.09	0.1	0.03	6.6	<0.1	<0.05	5	<0.5	<0.2
1769925	Soil	27	0.59	322	0.075	2	1.52	0.033	0.08	0.1	0.03	5.9	<0.1	<0.05	5	<0.5	<0.2
1769926	Soil	25	0.44	267	0.024	3	1.15	0.008	0.23	0.1	0.05	8.4	0.1	<0.05	3	<0.5	<0.2
1769927	Soil	33	0.37	422	0.048	2	1.38	0.010	0.11	0.2	0.03	5.0	<0.1	<0.05	4	<0.5	<0.2
1769928	Soil	22	0.37	371	0.027	3	1.17	0.007	0.19	0.1	0.06	11.5	0.1	<0.05	4	<0.5	<0.2
1769929	Soil	27	0.74	406	0.056	2	1.22	0.030	0.06	0.2	0.04	4.4	0.1	<0.05	4	<0.5	<0.2
1769851	Soil	60	1.59	521	0.035	5	2.60	0.011	0.45	<0.1	0.07	24.8	0.1	<0.05	11	<0.5	<0.2
1769852	Soil	13	0.44	730	0.007	6	0.86	0.006	0.23	<0.1	0.04	14.3	<0.1	<0.05	3	0.6	<0.2
1769853	Soil	24	0.32	334	0.034	4	1.22	0.010	0.25	0.1	0.01	7.2	<0.1	<0.05	3	<0.5	<0.2
1769854	Soil	34	0.50	278	0.051	2	1.21	0.013	0.15	0.2	0.04	5.1	<0.1	<0.05	4	<0.5	<0.2
1769855	Soil	19	0.44	436	0.024	6	1.05	0.008	0.25	0.1	0.05	25.6	0.1	<0.05	4	<0.5	<0.2
1769856	Soil	46	0.53	624	0.022	3	1.01	0.010	0.32	<0.1	0.03	22.0	0.2	<0.05	5	<0.5	<0.2
1769857	Soil	17	0.52	618	0.030	2	0.89	0.006	0.21	<0.1	0.06	15.4	0.2	<0.05	4	<0.5	<0.2
1769858	Soil	24	0.44	447	0.020	3	0.92	0.007	0.28	<0.1	0.04	19.7	0.1	<0.05	4	<0.5	<0.2
1769859	Soil	17	0.40	355	0.020	4	1.03	0.009	0.28	<0.1	0.07	24.4	0.2	<0.05	4	<0.5	<0.2
1769860	Soil	70	0.89	521	0.054	7	1.21	0.009	0.48	<0.1	0.07	26.3	0.2	<0.05	6	<0.5	<0.2
1769861	Soil	25	0.29	311	0.003	3	0.59	0.006	0.07	<0.1	0.07	11.0	<0.1	<0.05	2	<0.5	<0.2
1769862	Soil	68	2.56	223	0.082	2	2.90	0.014	0.07	<0.1	0.04	17.1	<0.1	<0.05	13	<0.5	<0.2
1769863	Soil	43	1.71	528	0.049	3	2.25	0.008	0.43	<0.1	0.02	14.8	0.1	<0.05	8	<0.5	<0.2
1769864	Soil	32	0.98	850	0.035	4	1.72	0.016	0.37	<0.1	0.01	25.6	0.2	<0.05	7	<0.5	<0.2
1769865	Soil	21	0.46	297	0.056	4	1.34	0.009	0.40	<0.1	0.05	19.6	0.2	<0.05	5	<0.5	<0.2
1769866	Soil	10	0.23	338	0.008	2	0.83	0.005	0.10	<0.1	0.05	16.6	<0.1	<0.05	3	<0.5	<0.2
1769867	Soil	12	1.04	1498	0.101	6	2.39	0.009	0.78	<0.1	0.02	22.1	0.3	<0.05	8	0.6	<0.2
1769868	Soil	29	0.87	709	0.070	3	1.14	0.012	0.45	<0.1	0.01	19.4	0.1	<0.05	5	<0.5	<0.2
1769869	Soil	14	0.27	225	0.016	3	0.78	0.007	0.19	<0.1	0.02	21.2	<0.1	<0.05	3	<0.5	<0.2
1769870	Soil	11	0.81	506	0.073	4	1.64	0.007	0.77	<0.1	0.03	25.0	0.4	<0.05	7	<0.5	<0.2



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**Client:** Goldstrike Resources Ltd.

1300 - 1111 West Georgia Street  
Vancouver BC V6E 4M3 CANADA

**Project:** Lucky Strike

**Report Date:** September 22, 2015

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**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

WHI15000111.1

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
1769871	Soil	1.2	67.2	24.1	82	<0.1	28.8	36.2	1816	5.81	4.1	8.9	3.6	33	0.1	0.7	<0.1	125	0.78	0.108	12
1769872	Soil	1.0	37.6	10.0	72	<0.1	27.5	12.0	449	2.88	8.3	6.3	4.5	55	0.3	0.8	0.2	63	0.99	0.073	16
1769873	Soil	1.1	41.8	13.4	73	0.1	32.2	12.3	445	2.71	9.8	2.3	4.6	65	0.2	1.0	0.2	59	1.57	0.073	15
1769874	Soil	1.2	37.3	11.9	66	0.1	33.4	12.1	424	2.69	9.8	7.1	3.9	77	0.2	0.9	0.2	77	2.41	0.068	14
1769875	Soil	2.4	23.0	11.0	58	0.1	25.1	12.6	446	2.99	10.0	12.2	4.1	26	0.2	0.7	0.2	61	0.43	0.025	13
1769876	Soil	2.3	76.3	5.6	113	<0.1	26.8	29.9	1353	6.36	6.4	49.8	2.1	17	0.2	0.6	<0.1	130	0.24	0.040	8
1769877	Soil	1.5	70.6	13.4	73	<0.1	31.5	15.3	665	3.57	7.6	49.9	4.1	26	<0.1	0.8	0.1	78	0.37	0.028	17
1769878	Soil	0.8	33.6	9.8	69	0.1	27.8	10.8	426	2.71	9.3	11.0	4.4	36	0.2	0.8	0.1	59	0.56	0.077	15



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Project: Lucky Strike

Report Date: September 22, 2015

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# CERTIFICATE OF ANALYSIS

WHI15000111.1

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	
1769871	Soil	55	0.77	464	0.061	5	1.46	0.014	0.41	<0.1	0.05	25.7	0.2	<0.05	7	<0.5	<0.2
1769872	Soil	32	0.71	341	0.095	2	1.66	0.031	0.12	0.1	0.03	5.7	0.1	<0.05	5	<0.5	<0.2
1769873	Soil	30	0.81	350	0.092	2	1.46	0.036	0.10	0.2	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
1769874	Soil	32	0.72	331	0.107	3	1.47	0.036	0.11	0.2	0.03	5.4	<0.1	<0.05	4	<0.5	<0.2
1769875	Soil	37	0.44	322	0.060	2	1.51	0.012	0.09	0.1	0.03	7.9	<0.1	<0.05	4	<0.5	<0.2
1769876	Soil	27	0.75	602	0.083	3	1.80	0.006	0.74	<0.1	0.22	20.4	0.3	<0.05	8	<0.5	<0.2
1769877	Soil	52	0.46	344	0.042	3	1.56	0.011	0.15	<0.1	0.08	13.6	0.1	<0.05	5	<0.5	<0.2
1769878	Soil	30	0.57	391	0.071	2	1.43	0.032	0.09	0.2	0.03	5.1	<0.1	<0.05	4	<0.5	<0.2



# QUALITY CONTROL REPORT

WHI15000111.1

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	
Pulp Duplicates																					
1769804	Soil	1.3	44.3	5.8	83	<0.1	37.8	36.8	1113	6.18	3.1	6.2	4.2	52	0.3	0.4	<0.1	166	4.20	0.106	15
REP 1769804	QC	1.4	43.4	5.7	83	<0.1	38.6	35.8	1170	6.00	3.0	11.9	4.3	52	0.2	0.4	<0.1	167	4.34	0.104	15
1769960	Soil	0.9	13.3	15.5	47	<0.1	16.0	7.8	481	1.61	11.3	2.0	5.1	75	0.2	0.3	0.1	21	2.43	0.023	13
REP 1769960	QC	0.8	12.4	15.6	47	<0.1	15.4	7.5	480	1.62	11.0	1.1	5.1	73	0.2	0.4	0.1	20	2.52	0.024	13
1769917	Soil	0.5	22.0	5.2	81	<0.1	29.1	29.6	1654	5.00	1.9	4.7	3.3	43	0.1	0.3	<0.1	168	3.66	0.069	15
REP 1769917	QC	0.5	21.6	5.2	83	<0.1	29.3	29.8	1630	5.01	2.1	7.1	3.2	41	0.1	0.3	<0.1	168	3.67	0.068	15
1769859	Soil	1.8	63.2	8.9	90	<0.1	21.5	20.7	1170	5.08	5.9	13.2	2.2	27	<0.1	0.4	0.1	121	1.55	0.037	8
REP 1769859	QC	1.8	63.6	9.0	89	0.1	21.7	20.3	1239	5.15	5.9	13.2	2.2	29	<0.1	0.4	<0.1	125	1.57	0.038	8
Reference Materials																					
STD DS10	Standard	15.5	159.1	156.5	370	2.2	82.8	14.2	904	2.93	43.5	86.0	7.6	68	2.8	9.5	12.7	49	1.12	0.076	18
STD DS10	Standard	15.3	152.3	149.8	368	1.9	76.0	13.9	890	2.81	43.2	69.9	7.1	65	2.8	9.7	11.6	47	1.04	0.075	17
STD DS10	Standard	14.1	146.0	147.5	353	1.9	74.6	13.6	883	2.77	40.8	82.3	7.1	65	2.5	9.2	11.8	42	1.04	0.072	17
STD DS10	Standard	15.0	166.5	154.2	373	1.9	76.4	13.5	898	2.78	46.4	94.4	7.8	68	2.5	9.7	12.0	47	1.01	0.073	18
STD OXC129	Standard	1.4	27.0	5.9	40	<0.1	80.5	22.0	422	3.06	<0.5	185.4	1.8	178	<0.1	<0.1	<0.1	57	0.65	0.095	13
STD OXC129	Standard	1.4	27.4	5.6	41	<0.1	82.9	21.7	413	3.04	0.6	192.1	1.7	178	<0.1	<0.1	<0.1	56	0.60	0.099	13
STD OXC129	Standard	1.3	25.3	5.8	39	<0.1	78.9	21.0	411	3.03	<0.5	186.1	1.7	186	<0.1	<0.1	<0.1	53	0.64	0.090	12
STD OXC129	Standard	1.2	27.5	6.0	40	<0.1	82.3	21.0	414	3.06	0.5	197.9	1.9	189	<0.1	<0.1	<0.1	55	0.63	0.101	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
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
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
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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Project: Lucky Strike  
Report Date: September 22, 2015

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# QUALITY CONTROL REPORT

WHI15000111.1

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																	
1769804	Soil	60	1.15	684	0.038	3	1.29	0.007	0.54	<0.1	0.17	25.3	0.3	0.06	5	0.6	<0.2
REP 1769804	QC	60	1.17	681	0.039	5	1.23	0.007	0.56	<0.1	0.21	26.2	0.2	0.09	5	<0.5	<0.2
1769960	Soil	12	0.28	897	0.007	3	0.56	0.009	0.10	<0.1	0.05	3.8	<0.1	<0.05	2	<0.5	<0.2
REP 1769960	QC	12	0.28	895	0.008	4	0.56	0.008	0.10	<0.1	0.06	3.8	<0.1	<0.05	2	<0.5	<0.2
1769917	Soil	70	1.02	472	0.051	<1	1.37	0.008	0.27	<0.1	0.02	28.1	0.2	<0.05	8	<0.5	<0.2
REP 1769917	QC	69	1.04	453	0.051	2	1.37	0.008	0.29	<0.1	0.02	27.6	0.2	<0.05	9	<0.5	<0.2
1769859	Soil	17	0.40	355	0.020	4	1.03	0.009	0.28	<0.1	0.07	24.4	0.2	<0.05	4	<0.5	<0.2
REP 1769859	QC	18	0.40	361	0.021	5	1.04	0.009	0.28	0.1	0.09	24.8	0.2	<0.05	5	<0.5	<0.2
Reference Materials																	
STD DS10	Standard	61	0.80	349	0.080	7	1.07	0.067	0.36	3.5	0.32	3.1	5.6	0.33	4	2.6	5.0
STD DS10	Standard	58	0.82	358	0.073	8	1.02	0.068	0.32	3.5	0.31	2.9	5.2	0.32	5	2.2	5.0
STD DS10	Standard	55	0.79	333	0.069	7	1.00	0.069	0.33	3.3	0.31	2.9	5.3	0.30	4	2.2	5.2
STD DS10	Standard	57	0.80	365	0.086	7	1.02	0.069	0.34	3.2	0.28	2.7	4.9	0.25	4	1.9	5.0
STD OXC129	Standard	54	1.54	49	0.408	<1	1.55	0.587	0.35	<0.1	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	53	1.57	49	0.406	<1	1.54	0.569	0.35	<0.1	<0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	51	1.57	46	0.387	2	1.46	0.579	0.39	<0.1	<0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	53	1.56	50	0.417	1	1.52	0.572	0.36	<0.1	<0.01	1.1	<0.1	<0.05	5	<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
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
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
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



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**Client:** **Goldstrike Resources Ltd.**  
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Submitted By: Trevor Bremner  
Receiving Lab: Canada-Whitehorse  
Received: July 27, 2015  
Report Date: September 22, 2015  
Page: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI15000110.1

## CLIENT JOB INFORMATION

Project: Lucky Strike  
Shipment ID: LS\_ROCK\_2015  
P.O. Number  
Number of Samples: 28

## SAMPLE DISPOSAL

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

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

Invoice To: Goldstrike Resources Ltd.  
1300 - 1111 West Georgia Street  
Vancouver BC V6E 4M3  
CANADA

CC: Bill Chornobay  
Daithi Mac Gerailt  
Diana Benz

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	28	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA350-Au	28	50g Fire assay fusion Au by ICP-ES	50	Completed	VAN
AQ200	28	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

## ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Client: **Goldstrike Resources Ltd.**

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Vancouver BC V6E 4M3 CANADA

Project: Lucky Strike

Report Date: September 22, 2015

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Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI15000110.1

Method	Analyte	WGHT	FA350	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit	MDL	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	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
1769201	Rock	1.28	781	20.7	85.8	104.5	105	2.0	26.1	9.0	387	3.84	21.0	282.0	4.5	40	0.4	57.7	0.2	17	0.04
1769202	Rock	2.18	<2	1.0	26.4	3.5	89	<0.1	25.7	7.4	195	2.26	11.6	<0.5	8.0	5	<0.1	0.2	<0.1	26	0.20
1769203	Rock	2.67	51	12.9	33.6	10.4	155	0.2	36.7	9.4	393	4.80	12.2	16.7	5.2	37	0.3	4.3	0.1	25	0.06
1769204	Rock	2.33	133	26.0	29.0	13.1	160	0.2	36.4	10.4	202	4.65	8.5	71.0	6.9	27	0.3	4.6	0.2	23	0.06
1769205	Rock	2.21	174	43.3	63.8	57.7	109	0.3	30.8	10.2	248	3.17	9.7	38.6	8.8	41	0.3	10.3	0.6	43	0.10
1769206	Rock	2.13	190	10.8	22.9	22.2	53	0.2	14.5	4.0	122	2.09	3.7	33.5	5.7	37	0.1	4.8	<0.1	14	0.08
1769207	Rock	2.20	143	42.7	21.1	23.1	87	0.2	23.1	8.7	186	3.37	3.7	15.1	6.8	15	0.2	2.4	0.3	18	0.06
1769208	Rock	2.10	164	3.2	45.1	17.4	92	0.1	30.4	11.6	197	2.66	5.1	44.4	8.7	7	0.2	3.3	0.1	21	0.07
1769209	Rock	2.00	699	7.6	22.2	65.0	57	0.5	18.2	6.3	208	2.34	5.6	46.6	5.4	94	0.1	9.0	<0.1	15	0.07
1769210	Rock	2.32	251	4.1	24.5	186.2	36	0.5	8.5	3.5	106	1.30	10.0	70.0	4.1	13	<0.1	15.9	<0.1	11	0.08
1769211	Rock	1.42	11	1.9	41.6	13.3	105	<0.1	30.6	9.7	329	3.45	44.0	2.9	10.5	9	0.2	2.7	0.2	48	0.19
1769212	Rock	1.96	3	1.1	31.2	4.9	87	<0.1	24.4	8.7	214	2.56	6.0	2.0	7.1	23	0.1	1.0	0.1	54	0.18
1769213	Rock	3.58	405	36.0	59.0	59.7	79	1.7	13.3	3.9	192	2.35	17.3	142.0	4.5	75	0.5	42.7	0.2	14	0.07
1769214	Rock	3.15	1473	183.2	94.9	1366.9	120	3.7	15.8	8.4	425	2.43	42.5	268.9	5.1	60	0.8	97.0	0.7	19	0.07
1769215	Rock	3.21	394	18.4	32.8	17.3	100	0.2	19.6	7.1	381	3.83	6.7	84.3	3.5	13	0.3	4.5	<0.1	16	0.06
1769216	Rock	3.55	329	6.7	65.1	124.9	64	0.3	14.8	7.4	459	2.38	12.0	127.8	4.1	8	0.2	10.5	<0.1	12	0.03
1769217	Rock	3.19	914	21.9	63.3	56.3	140	0.2	35.5	13.9	755	4.91	15.5	96.7	7.0	9	0.5	14.1	0.1	26	0.06
1769218	Rock	3.02	379	123.1	112.3	265.9	115	1.0	19.8	7.9	339	3.65	14.0	628.1	7.4	15	0.4	28.0	0.3	23	0.08
1769219	Rock	2.83	4263	32.7	72.5	51.9	87	1.9	19.1	4.4	129	3.43	14.9	4672.0	4.8	30	0.4	25.3	0.4	18	0.06
1769220	Rock	2.38	44	2.8	33.4	9.0	55	<0.1	14.1	5.9	211	2.24	2.5	10.8	4.7	13	0.1	2.8	0.1	26	0.14
1769221	Rock	2.26	518	47.0	47.0	29.8	55	1.4	13.8	5.4	141	2.22	12.8	509.0	3.9	28	0.3	31.4	0.1	16	0.09
1769222	Rock	1.59	3	1.3	45.7	6.1	167	<0.1	51.5	7.3	114	4.92	22.5	3.5	2.7	13	0.2	0.6	<0.1	28	0.02
1769223	Rock	1.22	<2	0.8	22.5	13.6	107	<0.1	36.0	10.2	231	2.72	49.0	<0.5	3.5	22	0.3	1.1	<0.1	26	0.02
1769224	Rock	2.12	33	4.4	10.2	10.7	66	0.1	19.7	6.2	487	2.78	5.3	8.4	6.7	11	0.1	0.6	<0.1	33	0.10
1769225	Rock	2.39	514	18.7	18.7	40.7	41	0.2	16.9	5.5	114	1.97	8.9	72.7	5.3	17	0.1	4.6	0.1	9	0.05
1769226	Rock	0.68	<2	0.9	14.1	6.4	46	<0.1	10.6	2.4	771	0.78	4.1	2.4	0.1	315	0.5	0.7	<0.1	29	36.32
1769227	Rock	0.76	135	0.5	2.5	2.6	42	0.3	15.4	15.0	1110	3.69	1.2	124.8	2.7	84	0.3	0.2	<0.1	93	6.32
1769301	Rock	1.22	<2	0.3	0.9	2.3	7	<0.1	0.8	0.9	221	0.16	<0.5	1.9	<0.1	281	0.1	<0.1	<0.1	8	36.89



**BUREAU VERITAS** MINERAL LABORATORIES  
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PHONE (604) 253-3158

Client: **Goldstrike Resources Ltd.**

1300 - 1111 West Georgia Street  
Vancouver BC V6E 4M3 CANADA

Project: Lucky Strike

Report Date: September 22, 2015

Page: 2 of 2

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI15000110.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		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		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.2
1769201	Rock	0.046	17	15	0.01	719	0.003	<20	0.18	0.001	0.13	<0.1	3.87	4.9	<0.1	<0.05	<1	0.6	<0.2	
1769202	Rock	0.086	21	15	0.22	158	0.031	<20	0.89	0.011	0.41	<0.1	0.02	2.5	0.2	<0.05	2	1.0	<0.2	
1769203	Rock	0.033	19	19	0.02	1968	0.003	<20	0.29	0.003	0.16	<0.1	0.63	6.9	<0.1	<0.05	<1	0.7	<0.2	
1769204	Rock	0.029	26	22	<0.01	907	0.002	<20	0.23	0.003	0.18	<0.1	0.85	7.4	<0.1	<0.05	<1	0.5	<0.2	
1769205	Rock	0.052	25	24	0.19	3987	0.052	<20	0.79	0.006	0.47	<0.1	0.64	4.9	0.2	0.09	3	1.2	<0.2	
1769206	Rock	0.039	20	12	0.04	2928	0.009	<20	0.27	0.004	0.21	<0.1	0.65	4.6	<0.1	0.09	<1	<0.5	<0.2	
1769207	Rock	0.047	23	17	0.03	706	0.009	<20	0.30	0.003	0.24	<0.1	0.56	6.1	<0.1	<0.05	<1	0.8	<0.2	
1769208	Rock	0.040	30	15	0.05	128	0.011	<20	0.39	0.007	0.26	<0.1	0.46	5.1	<0.1	<0.05	1	1.1	<0.2	
1769209	Rock	0.040	19	14	0.04	5682	0.014	<20	0.31	0.006	0.24	<0.1	1.08	4.3	<0.1	0.14	<1	1.3	<0.2	
1769210	Rock	0.029	13	10	0.04	882	0.014	<20	0.27	0.003	0.18	<0.1	1.57	2.6	<0.1	<0.05	<1	1.8	<0.2	
1769211	Rock	0.069	26	25	0.14	240	0.036	<20	0.73	0.006	0.32	<0.1	0.16	5.5	0.2	<0.05	3	0.6	<0.2	
1769212	Rock	0.071	19	30	0.27	652	0.090	<20	1.05	0.010	0.59	<0.1	0.26	5.5	0.3	<0.05	4	<0.5	<0.2	
1769213	Rock	0.038	15	12	0.05	5626	0.014	<20	0.31	0.003	0.21	<0.1	3.20	4.1	0.1	0.13	1	0.7	<0.2	
1769214	Rock	0.047	18	13	0.04	5146	0.008	<20	0.32	0.002	0.22	<0.1	11.16	3.9	0.1	0.13	1	11.8	0.2	
1769215	Rock	0.041	14	12	0.03	953	0.010	27	0.25	0.006	0.20	<0.1	0.86	11.3	<0.1	<0.05	<1	<0.5	<0.2	
1769216	Rock	0.030	15	11	0.01	523	0.003	32	0.17	0.007	0.12	<0.1	1.25	3.6	<0.1	<0.05	<1	<0.5	<0.2	
1769217	Rock	0.065	26	18	0.03	341	0.010	38	0.32	0.008	0.24	0.1	1.48	9.1	<0.1	<0.05	1	<0.5	<0.2	
1769218	Rock	0.051	24	17	0.07	731	0.023	<20	0.42	0.002	0.26	0.1	1.99	8.1	0.1	<0.05	1	1.6	<0.2	
1769219	Rock	0.035	17	15	0.01	3226	0.002	<20	0.24	<0.001	0.16	<0.1	2.86	6.6	<0.1	0.07	<1	1.4	<0.2	
1769220	Rock	0.063	16	12	0.10	892	0.033	35	0.51	0.014	0.32	<0.1	0.35	5.3	0.1	<0.05	2	0.8	<0.2	
1769221	Rock	0.030	13	10	0.02	2266	0.004	<20	0.25	0.005	0.15	<0.1	3.54	4.5	<0.1	0.05	<1	<0.5	<0.2	
1769222	Rock	0.105	7	9	0.01	101	0.003	<20	0.24	<0.001	0.09	<0.1	0.18	2.3	<0.1	<0.05	1	1.1	<0.2	
1769223	Rock	0.023	6	15	<0.01	63	0.001	<20	0.40	0.002	0.09	<0.1	0.11	4.0	<0.1	<0.05	1	<0.5	<0.2	
1769224	Rock	0.061	23	16	0.03	778	0.006	<20	0.32	0.001	0.13	<0.1	0.19	12.5	<0.1	<0.05	1	<0.5	<0.2	
1769225	Rock	0.023	20	11	0.01	629	0.003	<20	0.24	0.001	0.12	<0.1	0.61	2.8	<0.1	<0.05	<1	<0.5	<0.2	
1769226	Rock	0.013	2	7	0.97	31	<0.001	<20	0.03	0.006	<0.01	<0.1	0.12	1.7	<0.1	<0.05	<1	<0.5	<0.2	
1769227	Rock	0.048	11	16	1.81	205	0.020	<20	0.33	0.045	0.07	<0.1	0.09	14.8	<0.1	0.06	1	0.5	0.2	
1769301	Rock	0.004	<1	5	0.27	11	<0.001	<20	<0.01	0.001	<0.01	<0.1	0.01	1.0	<0.1	<0.05	<1	<0.5	<0.2	





# QUALITY CONTROL REPORT

WHI15000110.1

Method	WGHT	FA350	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	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																					
1769204	Rock	2.33	133	26.0	29.0	13.1	160	0.2	36.4	10.4	202	4.65	8.5	71.0	6.9	27	0.3	4.6	0.2	23	0.06
REP 1769204	QC			27.2	29.4	13.0	163	0.3	37.3	10.4	205	4.67	8.5	45.1	6.7	27	0.2	4.5	0.2	23	0.06
1769222	Rock	1.59	3	1.3	45.7	6.1	167	<0.1	51.5	7.3	114	4.92	22.5	3.5	2.7	13	0.2	0.6	<0.1	28	0.02
REP 1769222	QC		4																		
Core Reject Duplicates																					
1769220	Rock	2.38	44	2.8	33.4	9.0	55	<0.1	14.1	5.9	211	2.24	2.5	10.8	4.7	13	0.1	2.8	0.1	26	0.14
DUP 1769220	QC		81	2.8	33.3	8.5	59	0.1	15.2	6.2	238	2.43	3.4	9.4	4.6	13	0.1	2.7	0.2	29	0.13
Reference Materials																					
STD DS10	Standard			13.6	163.4	153.4	385	1.7	76.4	12.4	906	2.76	48.1	57.3	7.9	68	2.6	9.1	12.6	42	1.08
STD OREAS45EA	Standard			1.7	709.2	15.5	33	0.2	397.9	51.5	434	22.74	11.1	51.3	10.3	4	<0.1	0.5	0.3	305	0.03
STD OXD108	Standard		419																		
STD OXD108	Standard		425																		
STD OXI121	Standard		1799																		
STD OXI121 Expected			1834																		
STD OXD108 Expected			414																		
STD DS10 Expected				13.6	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 OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	53	10.7	3.5	0.03	0.32	0.26	303	0.036
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
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		<2	0.4	10.1	16.0	56	<0.1	1.1	3.8	523	1.91	<0.5	<0.5	2.2	26	0.1	<0.1	<0.1	24	0.56
ROCK-WHI	Prep Blank		<2	0.9	4.7	3.9	43	<0.1	0.8	3.7	551	1.90	0.7	<0.5	2.0	24	<0.1	<0.1	<0.1	25	0.56



# QUALITY CONTROL REPORT

WHI15000110.1

Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																			
1769204	Rock	0.029	26	22	<0.01	907	0.002	<20	0.23	0.003	0.18	<0.1	0.85	7.4	<0.1	<0.05	<1	0.5	<0.2
REP 1769204	QC	0.031	26	23	<0.01	873	0.002	<20	0.23	0.002	0.18	<0.1	0.82	7.7	<0.1	<0.05	<1	1.2	<0.2
1769222	Rock	0.105	7	9	0.01	101	0.003	<20	0.24	<0.001	0.09	<0.1	0.18	2.3	<0.1	<0.05	1	1.1	<0.2
REP 1769222	QC																		
Core Reject Duplicates																			
1769220	Rock	0.063	16	12	0.10	892	0.033	35	0.51	0.014	0.32	<0.1	0.35	5.3	0.1	<0.05	2	0.8	<0.2
DUP 1769220	QC	0.056	16	14	0.11	849	0.031	32	0.59	0.017	0.36	<0.1	0.32	5.4	0.1	<0.05	2	<0.5	<0.2
Reference Materials																			
STD DS10	Standard	0.087	18	58	0.78	441	0.078	<20	1.04	0.067	0.34	3.2	0.28	3.1	5.2	0.28	4	2.2	5.2
STD OREAS45EA	Standard	0.032	7	875	0.09	156	0.098	<20	3.10	0.018	0.05	<0.1	0.01	79.8	<0.1	<0.05	12	1.3	<0.2
STD OXD108	Standard																		
STD OXD108	Standard																		
STD OXI121	Standard																		
STD OXI121 Expected																			
STD OXD108 Expected																			
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053			78	0.072	0.036	12.4	0.78	0.07
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<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	0.047	7	3	0.50	73	0.087	<20	1.02	0.106	0.11	0.1	<0.01	3.2	<0.1	0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.046	6	2	0.52	70	0.083	<20	1.03	0.102	0.11	0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2



**BUREAU VERITAS** MINERAL LABORATORIES  
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PHONE (604) 253-3158

**Client:** **Goldstrike Resources Ltd.**  
1300 - 1111 West Georgia Street  
Vancouver BC V6E 4M3 CANADA

Submitted By: Trevor Bremner  
Receiving Lab: Canada-Whitehorse  
Received: July 27, 2015  
Report Date: September 22, 2015  
Page: 1 of 3

# CERTIFICATE OF ANALYSIS

WHI15000109.1

## CLIENT JOB INFORMATION

Project: Lucky Strike  
Shipment ID: LSTR\_2015  
P.O. Number  
Number of Samples: 35

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	35	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA350-Au	35	50g Fire assay fusion Au by ICP-ES	50	Completed	VAN
AQ200	35	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

## SAMPLE DISPOSAL

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

## 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: Goldstrike Resources Ltd.  
1300 - 1111 West Georgia Street  
Vancouver BC V6E 4M3  
CANADA

CC: Bill Chornobay  
Daithi Mac Gerailt  
Diana Benz



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 Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Goldstrike Resources Ltd.**

1300 - 1111 West Georgia Street  
Vancouver BC V6E 4M3 CANADA

Project: Lucky Strike

Report Date: September 22, 2015

Page: 2 of 3

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

# WHI15000109.1

Method	Analyte	WGHT	FA350	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit	MDL	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	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
1769351	Rock	1.88	11	5.0	59.0	8.9	286	<0.1	75.9	13.9	299	10.00	41.5	5.0	2.8	10	1.2	0.8	0.1	44	0.03
1769352	Rock	2.00	34	6.8	44.2	11.3	116	<0.1	39.4	11.7	638	4.06	28.4	24.1	3.6	10	0.4	0.6	0.1	32	0.02
1769353	Rock	1.77	148	7.1	55.1	13.9	134	0.2	42.9	14.9	481	5.58	23.4	198.8	5.9	10	0.5	0.7	0.3	48	0.07
1769354	Rock	1.59	9	3.3	58.9	13.4	144	0.1	53.9	17.9	605	5.75	14.9	6.3	8.3	7	0.4	0.5	<0.1	31	0.08
1769355	Rock	1.66	3	1.9	60.1	9.7	104	<0.1	32.5	12.5	303	3.91	19.7	2.0	11.7	8	0.3	0.2	<0.1	42	0.10
1769356	Rock	1.87	217	3.2	34.0	7.6	97	0.1	29.3	9.2	278	4.17	12.1	74.2	5.2	7	0.2	1.2	0.1	30	0.06
1769357	Rock	1.51	134	3.6	54.0	7.5	134	<0.1	61.7	11.4	281	6.03	16.5	128.7	7.2	8	0.2	0.4	0.1	38	0.08
1769358	Rock	1.56	8	2.0	68.9	7.3	179	0.1	43.9	11.0	322	4.88	9.3	17.4	11.5	10	0.1	0.4	0.1	45	0.15
1769359	Rock	1.91	4	2.0	65.7	7.4	215	0.2	76.8	21.2	861	5.77	16.9	1.8	8.3	12	0.3	0.3	0.1	43	0.09
1769360	Rock	1.62	3	1.4	44.6	5.9	142	0.1	42.7	8.8	349	3.84	12.0	1.0	9.2	10	0.2	0.2	<0.1	49	0.09
1769361	Rock	1.86	2	2.2	40.7	4.8	202	0.1	36.0	5.8	159	7.35	12.7	<0.5	3.7	9	0.3	0.3	0.1	37	0.06
1769362	Rock	1.52	<2	1.3	37.1	9.0	66	0.1	11.8	2.9	103	1.96	16.6	<0.5	4.2	13	0.2	0.2	<0.1	16	0.07
1769363	Rock	2.00	2	5.1	63.7	14.3	250	<0.1	68.8	11.0	220	8.21	63.8	<0.5	4.4	13	0.9	0.8	<0.1	59	0.07
1769364	Rock	1.99	2	2.8	25.0	5.7	84	<0.1	26.3	6.4	238	3.64	53.0	1.0	2.9	8	0.2	0.5	<0.1	24	0.03
1769365	Rock	2.05	<2	0.8	17.9	7.7	38	<0.1	12.2	3.6	160	1.69	6.6	<0.5	5.9	7	<0.1	0.3	<0.1	12	0.06
1769366	Rock	2.26	3	2.4	75.3	9.7	166	0.1	39.5	16.1	540	6.32	31.6	1.4	4.5	11	0.4	1.0	<0.1	41	0.08
1769367	Rock	1.59	4	1.3	35.7	47.1	43	0.1	9.9	4.2	107	2.01	31.8	4.2	2.9	15	0.1	5.5	<0.1	15	0.06
1769368	Rock	3.08	2	1.5	24.9	19.7	37	<0.1	9.7	3.6	99	1.61	15.5	<0.5	5.5	10	0.1	4.6	<0.1	13	0.06
1769369	Rock	3.00	3	4.1	53.6	63.3	109	0.1	45.1	7.9	281	4.02	43.4	1.2	4.8	14	0.4	9.2	0.2	24	0.06
1769370	Rock	2.83	<2	2.5	48.6	155.8	141	0.1	36.0	13.8	664	4.96	46.9	<0.5	3.1	11	0.7	6.1	<0.1	27	0.05
1769371	Rock	3.06	3	0.9	22.3	41.5	95	<0.1	31.6	5.7	159	3.52	15.4	<0.5	3.9	6	0.2	3.0	<0.1	13	0.05
1769372	Rock	2.77	6	2.5	28.6	30.5	40	<0.1	7.8	3.8	114	1.77	34.0	3.5	4.3	17	0.3	4.8	0.1	27	0.04
1769373	Rock	2.60	3	3.5	25.7	66.2	58	<0.1	11.8	4.2	130	2.27	33.8	1.7	3.2	17	0.3	4.0	0.1	20	0.02
1769374	Rock	2.44	<2	2.6	28.2	79.4	61	<0.1	12.6	4.3	127	2.19	35.3	<0.5	4.2	8	0.3	4.4	<0.1	14	0.06
1769375	Rock	3.26	4	4.2	26.4	126.1	41	<0.1	11.5	3.3	106	2.06	17.8	1.7	4.7	17	0.2	3.5	<0.1	18	0.06
1769376	Rock	3.12	4	4.3	85.1	12.6	117	<0.1	28.1	11.7	186	6.43	55.1	2.5	5.0	9	0.5	2.6	<0.1	28	0.07
1769377	Rock	3.41	<2	0.9	16.5	4.7	32	<0.1	9.3	1.7	58	1.44	31.8	0.7	1.0	3	<0.1	1.5	<0.1	7	<0.01
1769378	Rock	2.52	7	2.7	121.1	17.2	109	0.1	31.6	15.5	243	6.02	39.1	5.6	4.4	14	0.4	3.5	<0.1	32	0.06
1769379	Rock	3.24	2	3.1	73.1	105.2	179	0.1	34.1	16.8	392	6.51	46.2	<0.5	6.0	19	0.7	5.1	0.1	27	0.06
1769380	Rock	2.64	<2	1.5	29.7	102.4	38	0.2	8.3	4.8	143	1.96	23.4	<0.5	5.7	12	0.2	5.1	<0.1	23	0.06



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Project: Lucky Strike

Report Date: September 22, 2015

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# CERTIFICATE OF ANALYSIS

# WHI15000109.1

Method Analyte	Unit	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	MDL	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm		
1769351	Rock	0.188	5	15	0.02	167	0.004	<20	0.40	<0.001	0.10	<0.1	0.21	3.4	<0.1	<0.05	1	1.1	<0.2	
1769352	Rock	0.089	9	10	0.02	216	0.005	<20	0.28	<0.001	0.11	<0.1	0.16	2.8	0.1	<0.05	1	1.2	<0.2	
1769353	Rock	0.144	10	16	0.09	238	0.024	<20	0.59	0.002	0.26	<0.1	0.14	3.9	0.3	<0.05	2	1.5	<0.2	
1769354	Rock	0.109	10	14	0.14	232	0.036	29	0.84	0.007	0.29	<0.1	0.07	2.3	0.2	<0.05	2	2.4	<0.2	
1769355	Rock	0.093	19	24	0.49	293	0.123	<20	1.46	0.006	0.86	<0.1	0.02	3.3	0.5	<0.05	5	1.3	<0.2	
1769356	Rock	0.080	12	13	0.10	179	0.025	<20	0.54	0.002	0.27	<0.1	0.20	3.9	0.2	<0.05	2	1.8	<0.2	
1769357	Rock	0.113	13	18	0.14	165	0.032	<20	0.74	0.003	0.33	<0.1	0.05	4.2	0.2	<0.05	3	1.6	<0.2	
1769358	Rock	0.107	22	22	0.22	213	0.047	30	0.90	0.004	0.47	<0.1	0.03	4.3	0.3	<0.05	3	1.5	<0.2	
1769359	Rock	0.083	13	24	0.16	260	0.032	29	0.78	0.009	0.41	<0.1	0.03	4.3	0.3	<0.05	3	0.6	<0.2	
1769360	Rock	0.077	18	20	0.18	184	0.041	<20	0.79	0.004	0.44	<0.1	0.03	4.4	0.3	<0.05	3	1.1	<0.2	
1769361	Rock	0.104	5	13	0.02	141	0.004	<20	0.43	0.003	0.17	<0.1	0.16	3.0	0.1	<0.05	1	2.8	<0.2	
1769362	Rock	0.052	8	8	0.02	186	0.002	<20	0.35	0.004	0.17	<0.1	0.05	1.7	<0.1	<0.05	<1	0.7	<0.2	
1769363	Rock	0.209	8	21	0.01	189	0.003	<20	0.39	0.002	0.14	<0.1	0.15	4.7	<0.1	<0.05	1	1.9	<0.2	
1769364	Rock	0.060	5	14	0.01	131	0.002	<20	0.28	0.002	0.10	<0.1	0.07	2.2	<0.1	<0.05	<1	<0.5	<0.2	
1769365	Rock	0.042	9	8	0.02	167	0.003	<20	0.33	0.002	0.17	<0.1	0.04	1.3	<0.1	<0.05	<1	0.6	<0.2	
1769366	Rock	0.131	8	16	0.02	208	0.004	<20	0.41	0.003	0.16	<0.1	0.12	3.2	0.1	<0.05	1	<0.5	<0.2	
1769367	Rock	0.042	8	9	0.01	146	0.002	<20	0.26	0.001	0.14	<0.1	0.18	1.7	<0.1	<0.05	<1	0.8	<0.2	
1769368	Rock	0.037	14	8	0.02	209	0.003	<20	0.29	0.004	0.18	<0.1	0.14	1.8	<0.1	<0.05	<1	<0.5	<0.2	
1769369	Rock	0.084	14	9	0.02	198	0.003	<20	0.29	0.003	0.16	<0.1	0.17	2.1	<0.1	<0.05	<1	0.9	<0.2	
1769370	Rock	0.103	6	9	0.01	233	0.002	<20	0.30	0.002	0.12	<0.1	0.25	2.0	0.3	<0.05	<1	0.6	<0.2	
1769371	Rock	0.070	11	9	0.01	117	0.002	<20	0.26	0.003	0.13	<0.1	0.10	2.5	<0.1	<0.05	<1	0.8	<0.2	
1769372	Rock	0.037	6	13	0.01	104	0.003	<20	0.29	0.003	0.10	<0.1	0.26	2.3	<0.1	<0.05	<1	0.6	<0.2	
1769373	Rock	0.046	5	11	0.01	110	0.002	<20	0.26	0.002	0.10	<0.1	0.16	1.8	<0.1	<0.05	<1	<0.5	<0.2	
1769374	Rock	0.052	10	9	0.01	157	0.003	<20	0.27	0.002	0.14	<0.1	0.23	1.5	<0.1	<0.05	<1	0.7	<0.2	
1769375	Rock	0.045	13	9	0.01	169	0.002	<20	0.28	0.003	0.16	<0.1	0.12	2.4	<0.1	<0.05	<1	1.0	<0.2	
1769376	Rock	0.104	8	15	0.02	228	0.003	<20	0.46	0.005	0.19	<0.1	0.28	2.7	<0.1	<0.05	1	1.9	<0.2	
1769377	Rock	0.030	2	8	<0.01	83	0.001	<20	0.13	0.001	0.07	<0.1	0.23	0.6	<0.1	<0.05	<1	0.8	<0.2	
1769378	Rock	0.099	12	15	0.02	135	0.003	<20	0.38	0.002	0.13	0.2	0.32	2.9	0.1	<0.05	1	3.0	<0.2	
1769379	Rock	0.164	17	16	0.06	223	0.016	<20	0.48	0.004	0.23	0.1	0.23	2.4	0.2	<0.05	1	1.0	<0.2	
1769380	Rock	0.040	13	15	0.09	200	0.021	<20	0.48	0.005	0.26	<0.1	0.10	1.7	0.2	<0.05	2	<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.



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Project: Lucky Strike

Report Date: September 22, 2015

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# CERTIFICATE OF ANALYSIS

WHI15000109.1

Method	WGHT	FA350	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	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	
1769381	Rock	1.33	4	2.0	55.3	96.9	144	0.1	35.3	11.8	287	5.74	27.8	2.2	5.2	15	0.6	10.3	0.1	27	0.06
1769382	Rock	1.96	<2	1.1	25.4	12.1	39	<0.1	8.6	4.8	129	2.06	16.4	<0.5	5.0	11	0.2	1.4	<0.1	21	0.07
1769383	Rock	1.36	3	1.5	54.1	21.1	158	0.1	42.8	9.4	195	3.78	25.1	2.3	6.1	10	0.4	1.2	0.2	32	0.06
1769384	Rock	1.85	<2	1.2	27.4	8.0	34	<0.1	8.2	4.1	123	1.65	15.1	2.9	5.4	17	0.2	0.6	0.1	23	0.06
1769385	Rock	1.46	2	1.3	25.1	9.0	39	<0.1	9.1	4.3	96	1.45	9.9	2.4	6.6	15	0.1	0.5	0.1	23	0.06



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# CERTIFICATE OF ANALYSIS

WHI15000109.1

Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1769381	Rock	0.099	13	14	0.08	209	0.018	<20	0.43	0.002	0.25	<0.1	0.18	2.8	0.2	<0.05	1	1.0	<0.2
1769382	Rock	0.068	14	11	0.05	191	0.010	<20	0.39	0.004	0.17	<0.1	0.10	1.7	0.1	<0.05	1	0.8	<0.2
1769383	Rock	0.083	15	12	0.02	171	0.004	<20	0.38	0.004	0.15	<0.1	0.20	2.1	<0.1	<0.05	1	0.9	<0.2
1769384	Rock	0.038	13	12	0.08	185	0.017	<20	0.46	0.004	0.23	<0.1	0.12	1.6	0.2	<0.05	2	<0.5	<0.2
1769385	Rock	0.026	18	14	0.12	220	0.027	<20	0.58	0.005	0.30	<0.1	0.11	1.9	0.2	<0.05	2	0.6	<0.2



# QUALITY CONTROL REPORT

WHI15000109.1

Method	WGHT	FA350	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	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																					
1769355	Rock	1.66	3	1.9	60.1	9.7	104	<0.1	32.5	12.5	303	3.91	19.7	2.0	11.7	8	0.3	0.2	<0.1	42	0.10
REP 1769355	QC			1.9	56.9	9.8	105	<0.1	30.5	11.4	295	3.81	18.9	1.4	11.6	8	0.3	0.2	<0.1	42	0.10
1769365	Rock	2.05	<2	0.8	17.9	7.7	38	<0.1	12.2	3.6	160	1.69	6.6	<0.5	5.9	7	<0.1	0.3	<0.1	12	0.06
REP 1769365	QC		<2																		
Core Reject Duplicates																					
1769354	Rock	1.59	9	3.3	58.9	13.4	144	0.1	53.9	17.9	605	5.75	14.9	6.3	8.3	7	0.4	0.5	<0.1	31	0.08
DUP 1769354	QC		8	3.3	59.9	15.2	155	0.1	58.1	19.1	641	6.19	15.0	4.9	8.7	6	0.3	0.5	0.1	32	0.08
Reference Materials																					
STD DS10	Standard			13.4	154.8	156.0	364	2.0	74.6	13.4	922	2.79	45.9	49.0	7.4	68	2.3	10.1	12.5	43	1.09
STD DS10	Standard			13.6	163.4	153.4	385	1.7	76.4	12.4	906	2.76	48.1	57.3	7.9	68	2.6	9.1	12.6	42	1.08
STD OREAS45EA	Standard			1.7	697.4	15.2	32	0.3	400.7	53.8	427	22.58	12.6	51.7	10.6	4	<0.1	0.5	0.3	302	0.04
STD OREAS45EA	Standard			1.7	709.2	15.5	33	0.2	397.9	51.5	434	22.74	11.1	51.3	10.3	4	<0.1	0.5	0.3	305	0.03
STD OXD108	Standard		419																		
STD OXD108	Standard		426																		
STD OXI121	Standard		1799																		
STD OXI121	Standard		1838																		
STD OXD108 Expected			414																		
STD OXI121 Expected			1834																		
STD DS10 Expected			13.6	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 OREAS45EA Expected			1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	53	10.7	3.5	0.03	0.32	0.26	303	0.036	
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
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	
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		<2	0.5	9.0	1.5	40	<0.1	0.9	3.1	453	1.67	1.2	<0.5	1.9	24	<0.1	<0.1	<0.1	21	0.53





# QUALITY CONTROL REPORT

WHI15000109.1

Method		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																				
1769355	Rock	0.093	19	24	0.49	293	0.123	<20	1.46	0.006	0.86	<0.1	0.02	3.3	0.5	<0.05	5	1.3	<0.2	
REP 1769355	QC	0.096	17	23	0.48	278	0.126	<20	1.45	0.007	0.84	<0.1	0.02	3.2	0.5	<0.05	4	1.0	<0.2	
1769365	Rock	0.042	9	8	0.02	167	0.003	<20	0.33	0.002	0.17	<0.1	0.04	1.3	<0.1	<0.05	<1	0.6	<0.2	
REP 1769365	QC																			
Core Reject Duplicates																				
1769354	Rock	0.109	10	14	0.14	232	0.036	29	0.84	0.007	0.29	<0.1	0.07	2.3	0.2	<0.05	2	2.4	<0.2	
DUP 1769354	QC	0.118	10	15	0.13	240	0.034	31	0.87	0.008	0.31	<0.1	0.07	2.2	0.2	<0.05	3	1.4	<0.2	
Reference Materials																				
STD DS10	Standard	0.081	17	56	0.79	412	0.077	<20	1.05	0.065	0.34	3.5	0.29	3.1	4.7	0.28	4	2.4	4.8	
STD DS10	Standard	0.087	18	58	0.78	441	0.078	<20	1.04	0.067	0.34	3.2	0.28	3.1	5.2	0.28	4	2.2	5.2	
STD OREAS45EA	Standard	0.034	8	889	0.09	157	0.099	<20	3.15	0.017	0.05	<0.1	0.01	85.7	<0.1	<0.05	13	1.2	<0.2	
STD OREAS45EA	Standard	0.032	7	875	0.09	156	0.098	<20	3.10	0.018	0.05	<0.1	0.01	79.8	<0.1	<0.05	12	1.3	<0.2	
STD OXD108	Standard																			
STD OXD108	Standard																			
STD OXI121	Standard																			
STD OXI121	Standard																			
STD OXD108 Expected																				
STD OXI121 Expected																				
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01	
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053			78	0.072	0.036	12.4	0.78	0.07	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<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	0.041	6	3	0.44	70	0.066	<20	0.98	0.090	0.10	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2	



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Vancouver BC V6E 4M3 CANADA

Project: Lucky Strike  
Report Date: September 22, 2015

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# QUALITY CONTROL REPORT

WHI15000109.1

WGHT	FA350	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca		
kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%		
0.01	2	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		
ROCK-WHI	Prep Blank	<2	0.5	5.2	1.4	37	<0.1	0.9	3.6	475	1.71	0.7	<0.5	1.9	23	<0.1	<0.1	<0.1	21	0.48	



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# QUALITY CONTROL REPORT

WHI15000109.1

		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
ROCK-WHI	Prep Blank	0.042	5	3	0.47	64	0.065	<20	0.91	0.088	0.10	0.1	<0.01	2.6	<0.1	<0.05	4	<0.5	<0.2

## APPENDIX II

2015 SOIL SAMPLE DATA

SampleID	Easting	Northing	Elevation	SampleDepth	Horizon	color	Outcrop	Comment
1769251	593615.6785	7009481.048	779.028076	30	c	brown	yes	blocks of rock
1769252	593603.4451	7009496.896	776.384521	30	c	brown	no	
1769253	593585.7815	7009517.875	774.22168	30	c	brown	yes	good sample
1769254	593567.0107	7009535.15	774.942627	30	c	brown	no	
1769255	593544.7033	7009552.631	775.182861	60	c	brown	no	permafrost
1769256	593526.8121	7009573.921	776.384521	60	c	brown	no	
1769257	593445.7098	7009549.025	788.641357	70	c	brown	no	
1769258	593437.7431	7009598.644	785.516846	20	c	brown	no	permafrost
1769259	593437.1603	7009648.058	781.191162	20	c	brown	no	
1769260	593441.6539	7009698.861	774.702148	20	c	brown	no	
1769261	593442.8013	7009745.334	766.050537	40	c	brown	no	
1769262	593456.9684	7009796.361	754.514648	20	c	brown	no	
1769801	589112.3905	7013467.853	448.096924	50	c	brown	no	dry oxidized chips
1769802	589142.173	7013425.462	457.469604	60	c	orange/brown	no	dry ox'd qrtz chips
1769803	589172.7456	7013382.252	462.997192	50	c	brown	no	dry, hard to get soil up hole
1769804	589197.5806	7013341.641	476.21521	70	c	orange	no	moist
1769805	589232.4693	7013301.765	498.325317	70	c	orange/brown	no	dry
1769806	589259.8277	7013262.887	507.938354	60	c	brown	no	
1769807	589286.5976	7013217.592	515.628906	70	c	orange	no	good sample
1769808	589316.5511	7013178.768	522.358032	80	c	brown	no	
1769809	589348.6159	7013139.806	528.606689	75	c	brown	no	
1769810	589377.8063	7013096.036	534.374512	70	c	orange	no	oxidized qrtz chips
1769811	589405.8177	7013057.888	538.700317	45	c	orange	no	oxidized rock frags
1769812	589436.0192	7013017.37	539.661621	40	c	orange	no	rocky
1769813	589464.631	7012976.613	539.661621	75	c	orange	no	clay rich c horizon
1769814	589493.5813	7012936.136	540.142456	65	c	orange	no	
1769815	589524.5185	7012897.425	543.747314	60	c	red/orange	no	sexy looking, did it run?
1769816	589553.4905	7012855.464	539.18103	100	c	orange/brown	no	decomposed schist, no rock fragments
1769817	589580.463	7012816.484	536.537476	80	c	orange	no	qrtz frags
1769818	589611.4198	7012774.718	534.855103	75	c	orange	no	no rock frags
1769819	589640.9068	7012733.557	531.009888	80	c	orange	no	
1769820	589669.9722	7012694.552	528.125977	80	c	orange	no	
1769821	589699.0707	7012653.473	520.435425	70	c	brown	no	
1769822	589730.6533	7012614.464	517.551514	65	c	orange	no	rocky
1769823	589760.3734	7012573.815	510.341797	100	b	grey	no	clay/silt
1769824	589788.2106	7012530.59	507.217407	100	b	grey	no	clay/silt
1769825	589816.3346	7012493.13	503.372192	100	b	grey	no	clay/silt
1769826	589254.5937	7013441.814	514.907959	10	c	brown	yes	rocky
1769827	589282.1878	7013398.196	518.272461	60	c	brown	no	
1769828	589308.1651	7013364.755	521.156494	50	c	brown	no	
1769829	589342.5069	7013318.82	529.08728	70	c	brown	no	rocky
1769830	589365.8908	7013280.038	534.855103	60	c	brown	no	rocky
1769831	589398.6006	7013241.048	538.219727	70	c	orange	no	
1769851	589151.3953	7013500.223	468.284302	40	a	dark brown	no	steep slope
1769852	589180.0712	7013450.178	473.090942	55	a/b	orange	no	old burn
1769853	589211.9723	7013417.433	487.270264	35	a/b	orange	yes	steep slope
1769854	589239.5652	7013376.889	497.364014	60	a/b	light brown	yes	steep slope
1769855	589268.685	7013333.565	507.69812	35	b/c	brown	no	oxi good sample
1769856	589299.02	7013290.359	517.070923	70	b/c	brown	no	old burn
1769857	589329.2772	7013251.048	525.482422	50	b/c	brown	no	oxi chips
1769858	589357.2062	7013210.336	531.730835	100	b/c	brown	no	oxi chips
1769859	589387.97	7013166.639	538.460083	50	b/c	brown	no	oxi clay/rock chips
1769860	589421.1124	7013131.847	542.545654	100	b/c	brown	no	gritty clay
1769861	589451.3017	7013079.911	544.708618	50	c	orange	no	oxi clay/rock chips
1769862	589470.4902	7013051.357	545.910278	60	b/c	red/brown	no	sandy
1769863	589494.4233	7013007.331	547.111816	100	b/c	creamy grey	no	gritty clay
1769864	589532.6611	7012977.147	548.553711	60	b/c	orange	no	gritty soil
1769865	589562.3272	7012933.841	547.352173	30	c	brown	no	under tree root, good sample, oxi gritty with clay
1769866	589599.3154	7012889.244	544.948975	50	c	brown	no	gritty clay, oxi
1769867	589630.4454	7012840.784	540.863403	50	c	brown	no	gritty clay with qrtz chips, good sample
1769868	589649.5171	7012807.294	537.498657	80	b/c	brown/grey	no	sandy grit with clay, local oxidized orange
1769869	589678.654	7012767.216	533.893799	40	c	red/brown	no	gritty rock chips
1769870	589711.9896	7012718.622	527.164673	50	b/c	grey/brown	no	gritty clay
1769871	589739.7346	7012681.674	520.916138	100	b/c	orange	no	gritty orange clay at bottom
1769872	589769.2022	7012644.624	516.109619	100	b	grey	no	deep silt/clay layer, could not penetrate, sudden change in soil/topography (change in geology?)
1769873	589802.4304	7012597.411	512.985352	100	b	grey	no	garbage sample, wet silt/clay
1769874	589828.531	7012554.213	506.977051	100	b	grey	no	wet clay/silt, stopped sampling
1769875	589643.1859	7012983.415	557.205566	25	b/c	dark brown	no	hard to get good sample, clay with grit
1769876	589673.0992	7012944.303	550.476563	30	b/c	grey/brown	no	oxi clay grit, @ edge of burn
1769877	589704.7408	7012903.22	540.142456	45	b/c	dark brown	no	gritty clay
1769878	589729.0726	7012859.403	527.405029	100	b	grey	no	stopped sampling, deep wet clay/silt

1769901	589063.7785	7013434.451	420.939819	50	c	brown	no	
1769902	589092.6802	7013398.454	430.552979	50	c	brown	no	
1769903	589138.1393	7013356.992	440.886963	40	c	brown	no	
1769904	589159.8086	7013313.536	449.058105	60	c	brown	no	
1769905	589184.4136	7013275.917	461.555298	50	c	brown	no	
1769906	589210.1477	7013232.686	478.858887	45	c	brown	no	
1769907	589244.0107	7013192.773	494.720459	50	c	brown	no	
1769908	589273.9671	7013157.331	504.814087	45	c	brown	no	
1769909	589308.4763	7013122.286	515.148315	40	c	brown	no	
1769910	589343.8764	7013079.445	523.800049	50	c	brown	no	
1769911	589369.5786	7013022.301	525.482422	45	c	brown	no	
1769912	589390.182	7012994.674	526.924438	40	c	brown	no	
1769913	589424.9762	7012954.779	529.08728	40	c	brown	no	
1769914	589455.3302	7012912.145	530.769653	40	c	brown	no	
1769915	589478.8483	7012868.976	531.730835	45	c	brown	no	
1769916	589515.6521	7012827.054	532.692261	40	c	brown	no	
1769917	589544.4962	7012786.528	531.009888	50	c	brown	no	
1769918	589575.6697	7012748.179	531.009888	40	c	brown	no	
1769919	589605.9247	7012707.122	527.405029	50	c	brown	no	
1769920	589630.1894	7012664.807	522.838745	55	c	brown	no	
1769921	589660.6824	7012630.7	519.954834	45	c	brown	no	
1769922	589690.357	7012590.74	515.388672	40	c	brown	no	
1769923	589717.5697	7012542.05	507.938354	50	c	brown	no	
1769924	589744.3629	7012508.159	506.015747	50	b	grey	no	
1769925	589776.8105	7012468.576	501.930298	50	b	grey	no	
1769926	589601.8454	7012951.02	554.562012	40	c	brown	no	
1769927	589639.4386	7012917.409	548.073242	35	c	brown	no	
1769928	589666.8274	7012874.546	538.700317	40	c	brown	no	
1769929	589695.2739	7012838.065	529.808228	50	b	grey	no	
1769951	589029.1698	7013407.743	0	40	c	brown	no	
1769952	589060.9528	7013363.828	0	70	b	brown/grey	no	permafrost
1769953	589090.2663	7013323.32	0	100	b	grey	no	max soil auger depth and still clay
1769954	589119.5802	7013282.823	0	40	c	brown	no	
1769955	589148.8951	7013242.316	0	100	b	grey	no	max soil auger depth and still clay
1769956	589178.2107	7013201.809	0	40	c	orange/brown	no	
1769957	589207.527	7013161.303	0	40	c	brown	no	
1769958	589236.8398	7013120.797	0	90	b	brown	no	mud
1769959	589266.1533	7013080.291	0	30	c	brown	no	
1769960	589295.4718	7013039.785	0	90	c	white/black	no	large silt layer above c
1769961	589324.7865	7012999.289	0	40	c	brown	no	
1769962	589354.0979	7012958.784	0	30	c	brown	no	
1769963	589383.4146	7012918.269	0	20	c	brown	no	
1769964	589412.7274	7012877.765	0	30	c	brown	no	
1769965	589442.0452	7012837.26	0	30	c	brown	no	
1769966	589471.3596	7012796.756	0	20	c	brown	no	
1769967	589500.6746	7012756.252	0	20	c	brown	no	
1769968	589529.9861	7012715.748	0	20	c	brown	no	
1769969	589559.3025	7012675.245	0	40	c	brown	no	
1769970	589588.6154	7012634.742	0	30	b	grey	no	
1769971	589617.9334	7012594.239	0	30	c	brown	no	
1769972	589647.248	7012553.726	0	100	b	grey	no	max soil auger depth and still clay
1769973	589676.5631	7012513.224	0	100	b	grey	no	max soil auger depth and still clay
1769974	589705.8746	7012472.722	0	30	b	grey	no	
1769975	589351.4214	7013388.883	0	40	c	brown	no	
1769976	589380.7342	7013348.379	0	60	c	red	no	
1769977	589410.0519	7013307.874	0	40	c	brown	no	
1769978	589439.3661	7013267.37	0	30	c	brown	no	
1769979	589468.681	7013226.866	0	30	c	brown	no	

2015 PIT SAMPLE AND GRAB DESCRIPTIONS

Sample ID	Easting	Northing	Elevation	Rock Source	Description
1769201	593503.7941	7009524.076		PIT - FLOAT	pit line 1, 20m, 40 cm deep, 70% dark qrtz vein material with fine (<1mm) dark stringers, <1mm pyrite cube voids (weathered out), limonite along fractures
1769202	593491.4907	7009507.854	790.804199	PIT - FLOAT	pit line 1 (45 m @ 42 degrees) 0 m, 45 cm deep, intermediate orthogneiss (biotite, muscovite, qrtz)
1769203	593493.5615	7009513.109		PIT - FLOAT	pit line 1, 5m, 40 cm deep, 80% dark qrtz vein material, smeary flow texture, limonite stained fracture, 20 % dark brown orthogneiss (biotite, muscovite)
1769204	593496.9737	7009516.768		PIT - FLOAT	pit line 1, 10m, 40 cm deep, 100% dark qrtz vein material with smeary flow texture and local patches of white qrtz (pheno's?), limonitic fractures and blebs, trace sulphide, local dark blue veinlets < 1mm
1769205	593500.3816	7009520.427		PIT - FLOAT	pit line 1, 15m, 40 cm deep, 80 % orthogneiss (biotite, mica, qrtz) with local feldspar alt'n (diss'd beige chalky mineral), 20% limonitic qrtz vein materia
1769206	593507.2062	7009527.735		PIT - FLOAT	pit line 1, 25m, 50 cm deep, 80% qrtz vein material (limonitic dark to white qrtz) , 20 % increased oxidized orthogneiss
1769207	593510.6183	7009531.394		PIT - FLOAT	pit line 1, 30m, 30 deep, 70% limonitic qrtz vein material (dark to light), 30% orthogneiss
1769208	593514.0265	7009535.044		PIT - FLOAT	pit line 1, 35m, 40 cm deep, 80% sericite qrtz orthogneiss, strong oxidation with limonitic foliated units, 20% limonitic qrtz vein material
1769209	593517.4386	7009538.703		PIT - FLOAT	pit line 1, 40m, 30 cm deep, 70% limonitic qrtz vein material, local clear qrtz , minor feldspar alt'n, 30% orthogneiss
1769210	593520.8507	7009542.362		PIT - FLOAT	pit line 1, 45m, 40 cm deep, 70% silic'd orthogneiss/qrtz vein material, sub brecciated in places, 30% brown orthogneiss
1769211	593531.6636	7009482.35	781.191162	PIT - FLOAT	Pit line 2 (50 m @ 50 degrees) 0 m, 45 cm deep, brown course tex'd orthogneiss, minor feldspar alt'n, oxidized
1769212	593537.1719	7009484.715		PIT - FLOAT	pit line 2, 5m, 45 cm deep, course tex'd brown biotite orthogneiss with local beige fine tex'd units, oxidized
1769213	593540.6582	7009488.292		PIT - FLOAT	pit line 2, 10m, 30 cm deep, 30% oxidized orthogneiss, 70% dark qrtz veining with trace sulphide, limonitic fractures
1769214	593544.1441	7009491.878		PIT - FLOAT	pit line 2, 15m, 40 cm deep, 40 % oxidized orthogneiss, 60% dark to white qrtz, limonitic fractures and local diss'd pyrite
1769215	593547.6301	7009495.464		PIT - FLOAT	pit line 2, 20m, 40 cm deep, 40% qrtz mica orthogneiss with minor feldspar alt'n (beige clay diss'd), 60% fractured dark qrtz with limonitic fractures and dark brown stringers < 1 mm,
1769216	593551.116	7009499.051		PIT - FLOAT	pit line 2, 25m, 40 cm deep, qrtz vein material, dark to white, limonitic fractures, minor feldspar alt'n,
1769217	593554.602	7009502.637		PIT - FLOAT	pit line 2, 30m, 35 cm deep, 70% limonitic qrtz vein material, 30% orthogneiss
1769218	593558.0882	7009506.214		PIT - FLOAT	pit line 2, 35m, 45 cm deep, 70% limonitic qrtz vein material, 30% oxidized orthogneiss
1769219	593561.5741	7009509.801		PIT - FLOAT	pit line 2, 40m, 70% limonitic qrtz vein material, 30% orthogneiss, local vitreous slicken slides in dark qrtz vein material
1769220	59356	7009509		PIT - FLOAT	pit line 2, 45m, 50 cm deep, 70% limonitic qrtz vein material with dark black stringers < 1mm (looks sub brecciated locally), 30% oxidized orthogneiss
1769221	593565	7009513		PIT - FLOAT	pit line 2, 50m, 20% oxidized orthogneiss, 80% limonitic qrtz vein material
1769222	594436.839	7009407.297	731.203125	GRAB - FLOAT	frost boil/slump along hillside, grey orthogneiss with feldspar alt'n (diss'd beige clay augens), fine < 1mm dark brown limonite veinlets, local dark brown vugs, weak slicken slide surfaces with waxy texture (shear?)
1769223	594436.7584	7009407.313	730.001465	GRAB - FLOAT	frost boil/slump along hillside, very oxidized and fractures qrtz vein material (beige to brown), waxy texture with weak slicken slide surfaces present
1769224	593610.7541	7009499.715	772.299072	GRAB - FLOAT	limonitic fractures with pyrite pseudomorphs, biotite/muscovite orthogneiss host (most abundant float rock,
1769225	593525.5727	7009503.151	790.32373	GRAB - FLOAT	random pit, 40 cm deep, limonitic dark qrtz vein material with local beige units
1769226	589164.781	7013390.703		GRAB - FLOAT	white - beige limestone with dark veinlets throughout (sulphide?), small 10 cm float
1769227	589153	7013398		GRAB - FLOAT	rep sample, rock fragments dug from 40 cm pit dug at soil sample 1770061 (175 ppb Au), oxidized beige limestone or qrtz vein material
1769301	589214.1535	7013414.279	487.270264	GRAB - OUTCROP	white to beige limestone outcrop (large), black diss'd sulphide throughout
1769351	594422.723	7009118.309	792.486572	LS-TRENCH-15-01	Orthogneiss - 0-2m. Heavily altered, oxidized w/ qtz and sericite alt. Hard angular fractures - depth=0.8
1769352	594424.2503	7009117.587	791.525391	LS-TRENCH-15-01	Orthogneiss - 2-4m. Moderately altered, oxidized w/ qtz and sericite thin banding. Colour is L grey to Oxi brn.depth=0.9m
1769353	594426.7131	7009119.5	791.284912	LS-TRENCH-15-01	Orthogneiss - 4-6m. Blocky comp, 70% altered, oxi - Qtz, mng, ser, feldspar some bleaching in spots depth=0.9m
1769354	594428.1292	7009121.279	791.765625	LS-TRENCH-15-01	Orthogneiss - 6-8m. Changes from qtz rich/ silicified to softer fissile gneiss, banded-qtz, biotite, sericite, mica, feldspar- Heavily oxidized. Depth=1.0m
1769355	594429.0243	7009123.567	791.284912	LS-TRENCH-15-01	Orthogneiss - 8-10m. Soft fissile and heavily oxidized. Biotite rich bands + Qtz, Sericite, Biotite, Feldspar, Mica., Black to rust coloured rotten. Depth =1m
1769356	594429.4342	7009124.84	791.284912	LS-TRENCH-15-01	Orthogneiss - 10-12. Soft fissile grading to more competent. Qtz rich, angular, H-Oxi w Mng along fractures. Some bleached sections. Qtz, Mng, Ser, Feldspar. Depth=1m
1769357	594430.0881	7009126.139	791.044678	LS-TRENCH-15-01	Orthogneiss - 12-14m. Siliceous, comp w/ ang fractures. Heavily oxidized with some bleaching. Quartz, Sericite, Feldspar and Biotite. Dark grey to rust in colour. Depth = 1m
1769358	594431.8067	7009128.685	791.284912	LS-TRENCH-15-01	Orthogneiss - 14-16m. Biotite rich bands, heavily oxidized with some quartz sections. Sericite, Mica, Quartz, Biotite etc. Depth=1.1m
1769359	594432.999	7009130.186	790.804199	LS-TRENCH-15-01	Orthogneiss - 16-18m. silicified sections, heavily oxidized with quartz, sericite, biotite, mica, etc. Depth=1.2m
1769360	594434.7761	7009131.743	791.765625	LS-TRENCH-15-01	Orthogneiss - 18-20m. Area of faulting/shearing. Grey mica? Fault 19.3 to 20.8m. Some qtz veining at margin of fault. Heavily oxi. Depth 1.2m
1769361	594438.643	7009136.276	804.022217	LS-TRENCH-15-01	Orthogneiss - 20-22m. Fault gouge, grey mush.followed by qtz rich orthogneiss light grey in colour. Blocky, Depth=1.3m
1769362	594440.487	7009137.853	804.022217	LS-TRENCH-15-01	Orthogneiss - 22-24m. Blocky and competent. Light grey to oxidized in places. Quartz rich bands, bleached in patches. Quartz, sericite, mica and biotite. Depth 1.2m
1769363	594442.0711	7009139.226	803.541504	LS-TRENCH-15-01	Orthogneiss - 24-26m. Heavily oxidized, black limonitic fractures, Quartz rich in places. Rotten and typical looking. Depth=1.2m
1769364	594442.733	7009139.965	804.022217	LS-TRENCH-15-01	Orthogneiss - 26-28m. Heavily oxidized with 2cm qtz veins in spots. Blocky, competent. Depth =1.2m
1769365	594443.7847	7009140.79	803.541504	LS-TRENCH-15-01	Orthogneiss - 28-30m. More bedded and competent here. Less alteration and oxidation. Biotite lenses and bleached in places. Depth 1.0m
1769366	594445.371	7009143.098	803.30127	LS-TRENCH-15-01	Orthogneiss - 30-32m. Oxidises and rust coloured. Black limonitic veinlet. Typical, qtz, sericite, biotite, feldspar rusty etc. Depth 1.0m
1769367	594446.6367	7009148.143	802.820557	LS-TRENCH-15-01	Orthogneiss - 32-34m. More quartz here. Some dark grey quartz with oxi rims. Rest the same. Depth 1m

1769368	594447.7005	7009143.222	811.712646	LS-TRENCH-15-01	Orthogneiss - 34-36m. Blocky, competent. Rock is closer to surface here with less clay on top. Bull quartz in places. Depth=0.8m
1769369	594448.9332	7009144.062	811.472412	LS-TRENCH-15-01	Orthogneiss - 36-38m. More quartz here. Near surface samples, blocky and comp. bleached in places. Depth=1m
1769370	594450.1302	7009146.554	811.231934	LS-TRENCH-15-01	Orthogneiss - 38-40m. Blocky near surface comp rock. Quartz, sericite, feldspar, muscovite? Some black veinlets? Depth 0.8m
1769371	594451.1447	7009147.35	810.991699	LS-TRENCH-15-01	Orthogneiss - 40-42m. Heavily oxidised sections, quartz vein material. Competent rock, near surface and slightly brecciated in one place. Depth 0.6m
1769372	594451.6575	7009150.589	809.790039	LS-TRENCH-15-01	Orthogneiss - 42-44m. Quartz, Sericite, Feldspar. Competent blocky rock. Depth 0.8m
1769373	594452.7747	7009152.78	810.030273	LS-TRENCH-15-01	Orthogneiss - 44-46m. Quartz, Sericite, Feldspar. Competent blocky rock. Depth 0.8m
1769374	594453.932	7009154.898	809.790039	LS-TRENCH-15-01	Orthogneiss - 46-48m. More quartz vein material here. Looks barren. Rest competent and blocky. Depth=0.6m
1769375	594455.8393	7009156.327	809.309326	LS-TRENCH-15-01	Orthogneiss - 48-50m. More quartz vein material here. Looks barren. Rest competent and blocky. Depth=0.8m
1769376	594456.6971	7009157.436	809.790039	LS-TRENCH-15-01	Orthogneiss - 50-52m. More quartz vein material here. Looks barren. Rest competent and blocky. Depth=0.6m
1769377	594457.5374	7009158.563	809.069092	LS-TRENCH-15-01	Orthogneiss - 52-54m. Oxi quartz vein material and orthogneiss. Looks barren. Rest competent and blocky. Depth=0.6m
1769378	594459.9262	7009161.707	809.309326	LS-TRENCH-15-01	Orthogneiss - 54-56m. Competent and moderately oxi. Rest typical Depth0.8m
1769379	594460.6977	7009162.16	809.549805	LS-TRENCH-15-01	Orthogneiss - 56-58m. Quartz, sericite feldspar etc. Sericite is pervasive in sections. Blocky and comp. Near surface. Depth 0.8m
1769380	594462.5102	7009164.091	808.828857	LS-TRENCH-15-01	Orthogneiss - 58-60m. Typical. Blocky comp and near surface. Depth 0.6m
1769381	594463.9199	7009166.375	809.069092	LS-TRENCH-15-01	Orthogneiss - 60-62m. Typical. Blocky comp and near surface. Depth 0.6m
1769382	594464.8933	7009167.282	809.069092	LS-TRENCH-15-01	Orthogneiss - 62-64m More quartz, dark grey, blocky comp and near surface. Depth 0.6m
1769383	594465.9638	7009167.752	808.828857	LS-TRENCH-15-01	Orthogneiss - 64-66m. No biotite for a while now. Blocky comp and near surface. Depth 0.6m
1769384	594466.5927	7009169.041	808.588379	LS-TRENCH-15-01	Orthogneiss - 66-68m. Quartz, sericite, feldspar. Blocky comp and near surface. Depth 0.6m
1769385	594467.2349	7009171.172	808.348145	LS-TRENCH-15-01	Orthogneiss - 68-69m. . Blocky comp and near surface does not look mineralized. Depth 0.6m



## APPENDIX III

**CORRELATION MATRIX BASED ON 2015 ROCKS FROM PIT SAMPLES AT ZONE 1**

	<i>Au_FA_ppb</i>	<i>Mo_ppm</i>	<i>Cu_ppm</i>	<i>Pb_ppm</i>	<i>Zn_ppm</i>	<i>Ag_ppm</i>	<i>Ni_ppm</i>	<i>Co_ppm</i>	<i>Mn_ppm</i>	<i>Fe_pct</i>	<i>As_ppm</i>	<i>Au_ppb</i>	<i>Th_ppm</i>
<i>Au_FA_ppb</i>	1												
<i>Mo_ppm</i>	0.276127753	1											
<i>Cu_ppm</i>	0.416383136	0.692777	1										
<i>Pb_ppm</i>	0.249552327	0.85095	0.520387	1									
<i>Zn_ppm</i>	0.033773915	0.299488	0.374487	0.169422	1								
<i>Ag_ppm</i>	0.573488382	0.752212	0.677214	0.767196	0.107184	1							
<i>Ni_ppm</i>	-0.146878848	-0.15852	0.014043	-0.23781	0.81983	-0.31456	1						
<i>Co_ppm</i>	-0.203570756	0.06188	0.222595	0.028614	0.748965	-0.18851	0.859083	1					
<i>Mn_ppm</i>	-0.042781839	0.161704	0.341807	0.216848	0.5051	0.049485	0.38324	0.591672	1				
<i>Fe_pct</i>	0.104474203	0.058416	0.250967	-0.14352	0.879725	-0.07623	0.798433	0.684324	0.563153	1			
<i>As_ppm</i>	0.228735978	0.499801	0.517478	0.609891	0.327629	0.589269	0.096239	0.190531	0.304662	0.127777	1		
<i>Au_ppb</i>	0.934089183	0.126537	0.331785	0.012247	-0.00383	0.38633	-0.12176	-0.2757	-0.19314	0.106121	0.084854	1	
<i>Th_ppm</i>	-0.279522955	-0.06588	-0.02868	-0.14703	0.34952	-0.3775	0.621794	0.587196	0.076358	0.224718	0.200675	-0.18534	1
<i>Sr_ppm</i>	0.205135506	0.28344	0.15204	0.304594	-0.00085	0.505851	-0.17754	-0.24494	-0.1599	-0.10872	0.151622	0.041384	-0.27665
<i>Cd_ppm</i>	0.443400285	0.7665	0.768183	0.668558	0.563458	0.791962	0.123312	0.279193	0.438642	0.407921	0.604927	0.246688	-0.1459
<i>Sb_ppm</i>	0.400034004	0.773132	0.712124	0.813667	0.155145	0.968145	-0.26858	-0.07332	0.172242	-0.05626	0.629759	0.179059	-0.33854
<i>Bi_ppm</i>	0.414637573	0.760132	0.609397	0.65296	0.3699	0.640125	0.092444	0.186826	0.03186	0.141815	0.504958	0.309132	0.189734
<i>V_ppm</i>	-0.243966291	-0.12846	-0.04119	-0.13932	0.329931	-0.29677	0.5029	0.454378	0.185408	0.23464	0.190455	-0.13589	0.700478
<i>Ca_pct</i>	-0.304073725	-0.22269	-0.2561	-0.15062	-0.07771	-0.30306	0.104784	0.025668	-0.17399	-0.22782	0.157092	-0.16936	0.548589
<i>P_pct</i>	-0.22375803	-0.08579	-0.01173	-0.04458	0.163491	-0.21558	0.283037	0.337745	0.305344	0.076134	0.163501	-0.18719	0.576852
<i>La_ppm</i>	-0.204865778	-0.00671	-0.00511	-0.12365	0.479294	-0.35599	0.71959	0.71364	0.211567	0.420734	0.037646	-0.16799	0.87776
<i>Cr_ppm</i>	-0.172793928	-0.09358	-0.00167	-0.17014	0.548709	-0.28558	0.69524	0.58646	0.147175	0.46543	0.145699	-0.08018	0.703275
<i>Mg_pct</i>	-0.306100807	-0.14005	-0.08549	-0.11216	0.015611	-0.28032	0.185119	0.166807	-0.14676	-0.18716	0.027789	-0.20147	0.557927
<i>Ba_ppm</i>	0.339870007	0.39754	0.204533	0.400127	-0.06593	0.56265	-0.29844	-0.34425	-0.18913	-0.20943	0.184716	0.193597	-0.27104
<i>Ti_pct</i>	-0.289390818	-0.12566	-0.05211	-0.11873	-0.0089	-0.27534	0.131246	0.164329	-0.12809	-0.15474	-0.03026	-0.1931	0.46317
<i>B_ppm</i>	-0.038436366	-0.18008	0.06934	-0.0957	0.025638	-0.23951	-0.01589	0.229017	0.553664	0.188272	-0.13979	-0.113	-0.25109
<i>Al_pct</i>	-0.294921765	-0.13831	-0.09872	-0.12042	0.076791	-0.30479	0.269968	0.238855	-0.11347	-0.11957	0.073307	-0.18529	0.642649
<i>Na_pct</i>	-0.371354603	-0.37322	-0.22415	-0.24703	-0.09149	-0.46414	0.095991	0.225006	0.039409	-0.15463	-0.22223	-0.3249	0.212277
<i>K_pct</i>	-0.266203539	-0.07145	-0.04305	-0.08218	0.11056	-0.27285	0.256345	0.287201	-0.12868	-0.08434	-0.0424	-0.19108	0.57029
<i>W_ppm</i>	0.046241222	0.320167	0.492487	0.056169	0.351536	-0.01959	0.215531	0.394503	0.540083	0.423849	0.058503	0.01554	0.202087
<i>Hg_ppm</i>	0.431754945	0.815392	0.619231	0.901038	0.151866	0.951244	-0.28325	-0.06903	0.164462	-0.08816	0.626392	0.193228	-0.34577
<i>Sc_ppm</i>	0.02302588	-0.01053	-0.03217	-0.17907	0.393361	-0.19922	0.315494	0.278582	0.544933	0.61126	-0.16185	0.073325	0.07035
<i>Tl_ppm</i>	-0.23708617	-0.02721	0.029772	-0.00581	0.099441	-0.14173	0.197382	0.182669	-0.09918	-0.12443	0.222554	-0.15324	0.55095
<i>S_pct</i>	0.303467557	0.396938	0.20022	0.438561	-0.12393	0.546685	-0.32325	-0.31414	-0.17967	-0.29234	0.223428	0.132204	-0.17689
<i>Ga_ppm</i>	-0.270656077	-0.12242	-0.01913	-0.08297	0.086843	-0.24789	0.257038	0.275548	-0.01447	-0.07848	0.176203	-0.18302	0.61302
<i>Se_ppm</i>	0.282418011	0.809876	0.443703	0.97889	0.181382	0.745682	-0.18744	0.033716	0.128977	-0.15509	0.592174	0.055749	-0.08146
<i>Te_ppm</i>	0.234201193	0.785876	0.397929	0.973878	0.195008	0.728905	-0.16778	0.065798	0.203182	-0.12584	0.604265	-0.01042	-0.11107

CORRELATION MATRIX BASED ON 2015 ROCKS FROM PIT SAMPLES AT ZONE 1

	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct
Au_FA_ppb														
Mo_ppm														
Cu_ppm														
Pb_ppm														
Zn_ppm														
Ag_ppm														
Ni_ppm														
Co_ppm														
Mn_ppm														
Fe_pct														
As_ppm														
Au_ppb														
Th_ppm														
Sr_ppm	1													
Cd_ppm	0.352575	1												
Sb_ppm	0.475334	0.816076	1											
Bi_ppm	0.303439	0.680439	0.615388	1										
V_ppm	-0.19819	-0.11586	-0.26982	0.174912	1									
Ca_pct	-0.24927	-0.38456	-0.30122	-0.09861	0.719241	1								
P_pct	-0.27339	-0.11943	-0.16098	0.008489	0.696803	0.796784	1							
La_ppm	-0.25126	-0.01788	-0.30959	0.16447	0.447504	0.162311	0.334657	1						
Cr_ppm	-0.0911	-0.02724	-0.26778	0.229356	0.890378	0.479041	0.484216	0.561264	1					
Mg_pct	-0.13272	-0.28883	-0.25204	0.088304	0.773674	0.857222	0.746795	0.194758	0.622268	1				
Ba_ppm	0.91626	0.425683	0.496966	0.466382	-0.19354	-0.21606	-0.2689	-0.28317	-0.17197	-0.1028	1			
Ti_pct	-0.07567	-0.25846	-0.24105	0.094735	0.806517	0.740747	0.625314	0.141049	0.690236	0.93264	-0.07522	1		
B_ppm	-0.33446	0.054969	-0.16061	-0.26453	-0.08305	-0.12257	0.151566	-0.14805	-0.2022	-0.1206	-0.28011	-0.05333	1	
Al_pct	-0.16983	-0.277	-0.28217	0.103417	0.82779	0.882215	0.772764	0.290657	0.680369	0.98918	-0.14027	0.918426	-0.13634	1
Na_pct	-0.25932	-0.35962	-0.40374	-0.31527	0.382054	0.601263	0.581536	0.033966	0.17764	0.613266	-0.24497	0.569587	0.543001	0.597747
K_pct	-0.05805	-0.19677	-0.24197	0.176281	0.769079	0.748971	0.695525	0.282382	0.679675	0.953696	-0.03176	0.947082	-0.05632	0.946517
W_ppm	-0.20974	0.327668	0.063449	0.034893	0.042826	-0.11492	0.227116	0.336198	0.098959	-0.05761	-0.21144	-0.00701	0.347497	-0.03104
Hg_ppm	0.441949	0.80686	0.964128	0.636381	-0.27098	-0.28449	-0.18214	-0.30339	-0.27971	-0.26526	0.512177	-0.25879	-0.12888	-0.2846
Sc_ppm	-0.25179	0.137406	-0.21323	-0.08956	0.234574	-0.12732	0.16336	0.253265	0.222048	-0.20313	-0.23411	-0.1173	0.253749	-0.15258
Tl_ppm	-0.06841	-0.13482	-0.11516	0.205145	0.818357	0.823892	0.692146	0.172412	0.698994	0.96172	-0.04661	0.928796	-0.17045	0.960085
S_pct	0.890971	0.394785	0.498829	0.443612	-0.18921	-0.15439	-0.18004	-0.19725	-0.18388	-0.05163	0.971643	-0.04626	-0.26587	-0.09069
Ga_ppm	-0.14839	-0.17819	-0.20876	0.177229	0.903191	0.816787	0.71717	0.272557	0.735683	0.92672	-0.11367	0.939576	-0.03283	0.943554
Se_ppm	0.336924	0.629651	0.767985	0.68894	-0.09083	-0.07232	0.001316	-0.07654	-0.12894	-0.04898	0.447352	-0.08118	-0.15896	-0.0478
Te_ppm	0.310855	0.645282	0.763145	0.640146	-0.07295	-0.07939	0.009333	-0.0901	-0.12032	-0.06981	0.412267	-0.09498	-0.09603	-0.06712

CORRELATION MATRIX BASED ON 2015 ROCKS FROM PIT SAMPLES AT ZONE

	Na_pct	K_pct	W_ppm	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
Au_FA_ppb										
Mo_ppm										
Cu_ppm										
Pb_ppm										
Zn_ppm										
Ag_ppm										
Ni_ppm										
Co_ppm										
Mn_ppm										
Fe_pct										
As_ppm										
Au_ppb										
Th_ppm										
Sr_ppm										
Cd_ppm										
Sb_ppm										
Bi_ppm										
V_ppm										
Ca_pct										
P_pct										
La_ppm										
Cr_ppm										
Mg_pct										
Ba_ppm										
Ti_pct										
B_ppm										
Al_pct										
Na_pct	1									
K_pct	0.638166	1								
W_ppm	0.009791	0.026896	1							
Hg_ppm	-0.36323	-0.23923	0.009697	1						
Sc_ppm	-0.15176	-0.14376	0.350928	-0.1943	1					
Tl_ppm	0.488429	0.909479	-0.06461	-0.13235	-0.20236	1				
S_pct	-0.18228	0.018619	-0.18217	0.517407	-0.29265	-0.00489	1			
Ga_ppm	0.563972	0.905021	-0.04153	-0.22201	-0.08804	0.95207	-0.07364	1		
Se_ppm	-0.19745	-0.00937	-0.03856	0.871653	-0.20668	0.037936	0.482211	-0.03238	1	
Te_ppm	-0.17992	-0.03716	-0.0658	0.878889	-0.15646	0.034334	0.453067	-0.02869	0.979133	1