Report of 2013 Surface Exploration Program on the Lucky Strike Project, White Gold District

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Location:

Dawson Mining Division, Yukon Territory

Work Period:

June 6 – June 13, 2013

Property Coordinates:

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

NTS Sheets:

115O03

Prepared on behalf of:

Gold Strike Resources Ltd.

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Report Date:

December 21, 2013

QUARTZ CLAIM INFORMATION

GRANT NUMBER	CLAIM NAME	CLAIM HOLDER	NTS MAP NUMBER
YC98689 – YC98816	AU 89 -116	Petro One Energy Corp	115O03
YC99489	**Lucky 1**	Petro One Energy Corp	115O03
YD155903	LUCKY 1	Petro One Energy Corp	115O03
YC99490	**Lucky 2**	Petro One Energy Corp	115O03
YD155904	LUCKY 2	Petro One Energy Corp	115O03
YC99491	**Lucky 3**	Petro One Energy Corp	115O03
YD155905	LUCKY 3	Petro One Energy Corp	115O03
YC99492 - YC91824	Lucky 4 - 124	Petro One Energy Corp	115O03
YC91829 - YC91866	Lucky 129 - 166	Petro One Energy Corp	115O03
YC91869 - YC91872	Lucky 169 - 172	Petro One Energy Corp	115O03
YC98701 - YC98710	Strike 1 - 10	Petro One Energy Corp	115O03
YC98721 - YC98730	Strike 21 - 30	Petro One Energy Corp	115O03
YC98741 - YC98750	Strike 41 - 50	Petro One Energy Corp	115O03
YC98761 - YC98770	Strike 61 - 70	Petro One Energy Corp	115O03
YC98781 - YC98790	Strike 81 - 90	Petro One Energy Corp	115O03
YC99475 - YC99488	Strike 101 - 114	Petro One Energy Corp	115O03

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 new QV discovery. Currently the property is only accessible by helicopter or by boat.

In June of 2013 a 6 person crew completed 8 days of mechanical trenching, soil sampling and a ground magnetic geophysical survey on 6 of the 261 quartz claims that form the Lucky Strike Property. For the purpose of this report the area of the 2013 exploration program will be referred to as “Zone-1”. The purpose of the exploration program was to determine if the property held potential for structurally controlled 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 in 2012 indicated the presence of a possible northeast structure in the area and was also considered when laying out the trenching targets.

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 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 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: *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 / amphiobolite 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: *Reed, 2010*). Fresh dykes of intermediate composition and granitic boulders have also been noted on the property by prospectors.

The 2013 8 day helicopter supported exploration program resulted in 2.2 line kms of ground magnetometer surveying, 428 meters of mechanical trenching, 249 soils samples and 188 rock 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 2013, an 8 day 6 man mechanical trenching, rock sampling, ground geophysical survey 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, a prospector, two equipment operators and a sampler. 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 437 samples (rock and soil) were assayed by Acme Analytical Laboratories Ltd. where by samples were prepped in Whitehorse, Yukon and analyzed in Vancouver, British Columbia. Assay results for gold from the 188 rock samples ranged from detection level to 5,389 parts per billion, (ppb) gold and assay results for gold from the 249 soil samples ranged from detection level to 70 ppb, gold.

1.2 UNITS AND CURRENCY

Metric units are used throughout this report. Tonnages are shown as tonnes (1,000 kg), 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

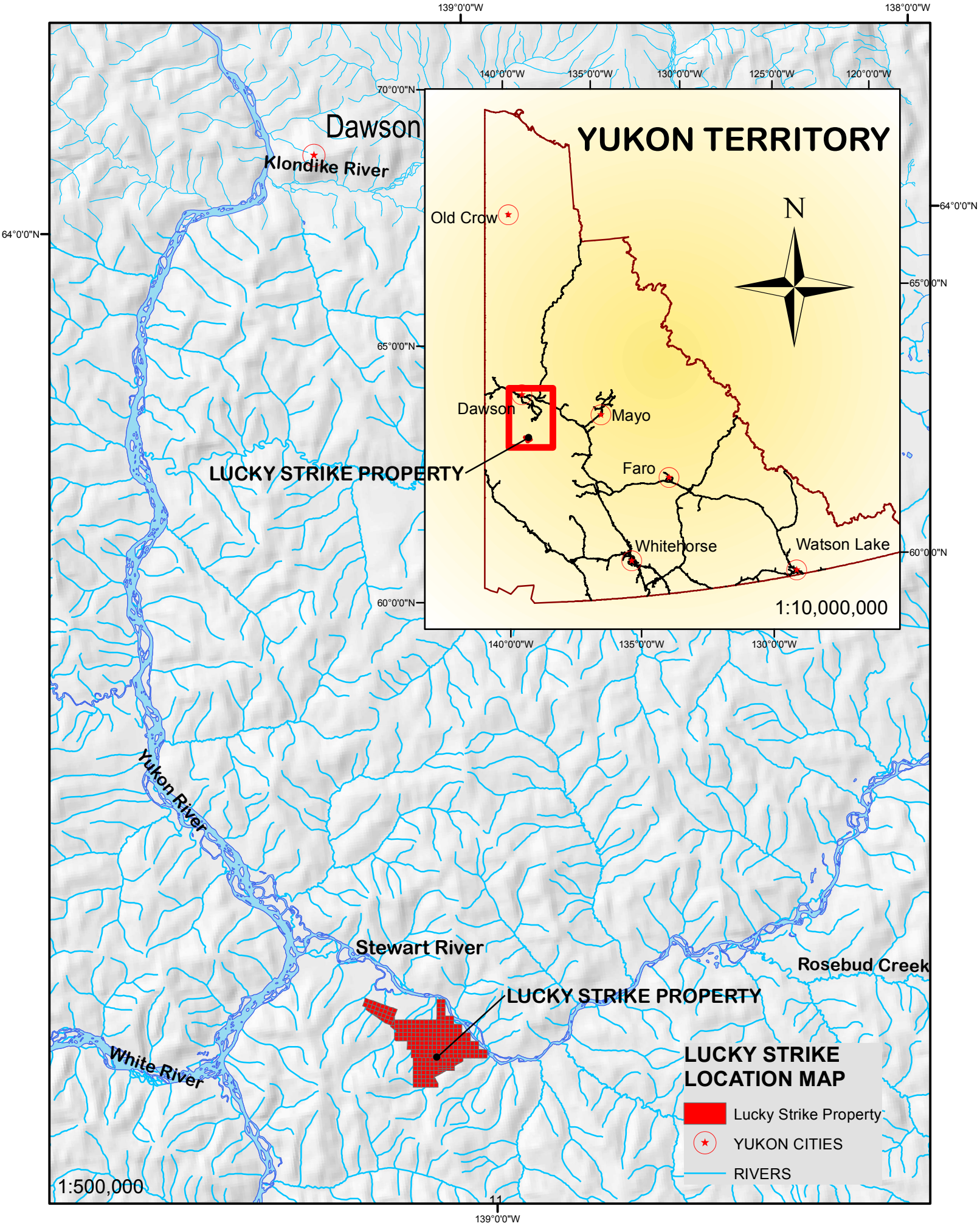
2.1 LOCATION AND ACCESS

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).

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 (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).

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 banks of the Stewart River.


139°0'0"W
138°0'0"W
140°0'0"W
135°0'0"W
130°0'0"W
125°0'0"W
120°0'0"W
70°0'0"N
64°0'0"N
65°0'0"N
60°0'0"N
Dawson
Klondike River
YUKON TERRITORY
N
Old Crow
Dawson
Mayo
Faro
Whitehorse
Watson Lake
1:10,000,000
LUCKY STRIKE PROPERTY
Yukon River
Stewart River
Rosebud Creek
LUCKY STRIKE PROPERTY
White River
LUCKY STRIKE
LOCATION MAP
Lucky Strike Property
YUKON CITIES
RIVERS
1:500,000
11

2.2 DESCRIPTION OF MINING CLAIMS

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

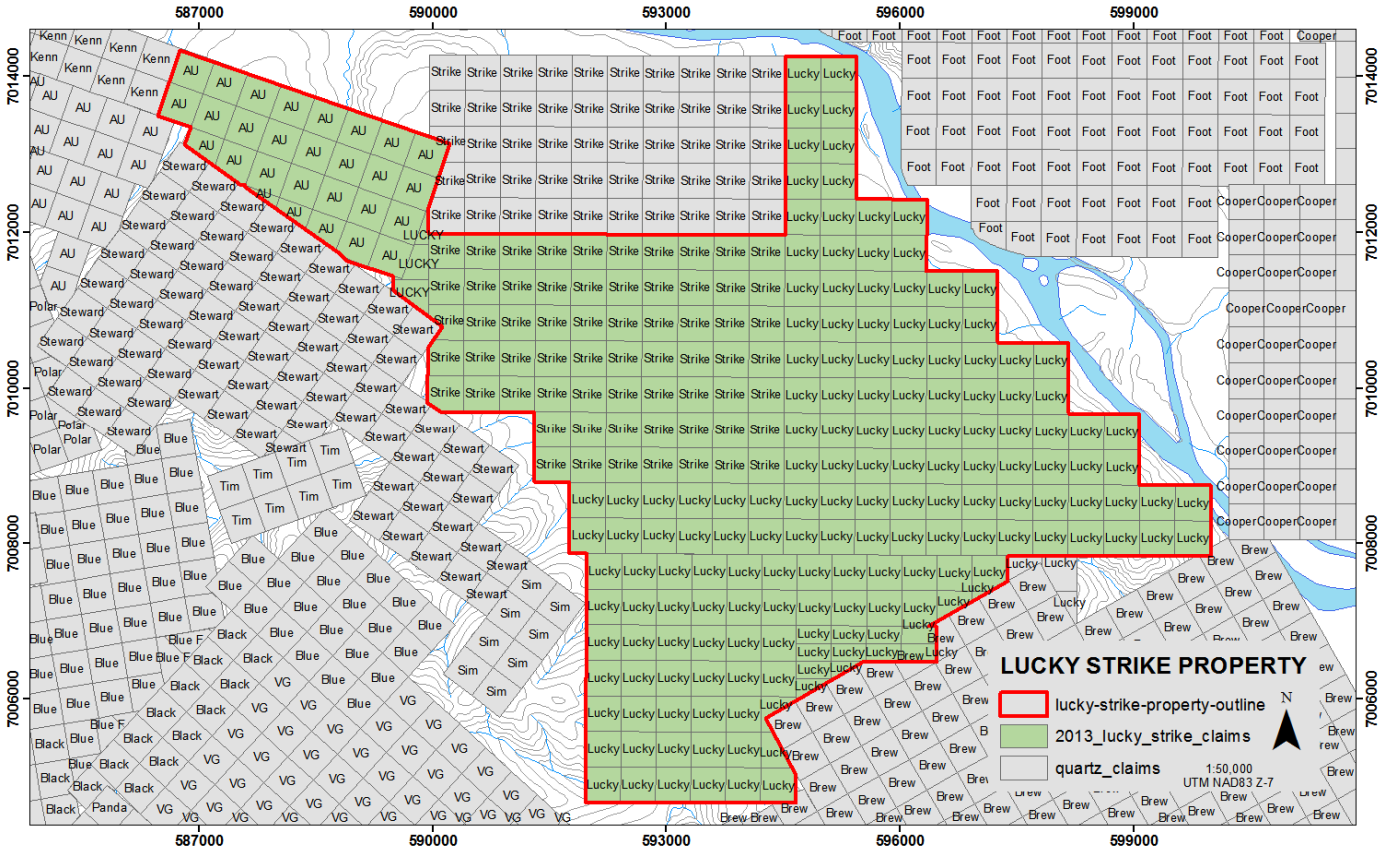


Figure 2 Lucky Strike Claim Map

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.

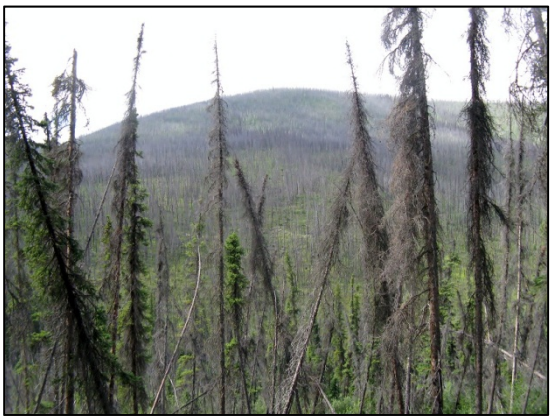


Figure 3: Property Physiography

The Yukon has a sub-arctic continental climate. Summer temperatures can reach up to 35° C but the mean temperature is a cool 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 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 (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 goldrush 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 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: *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.

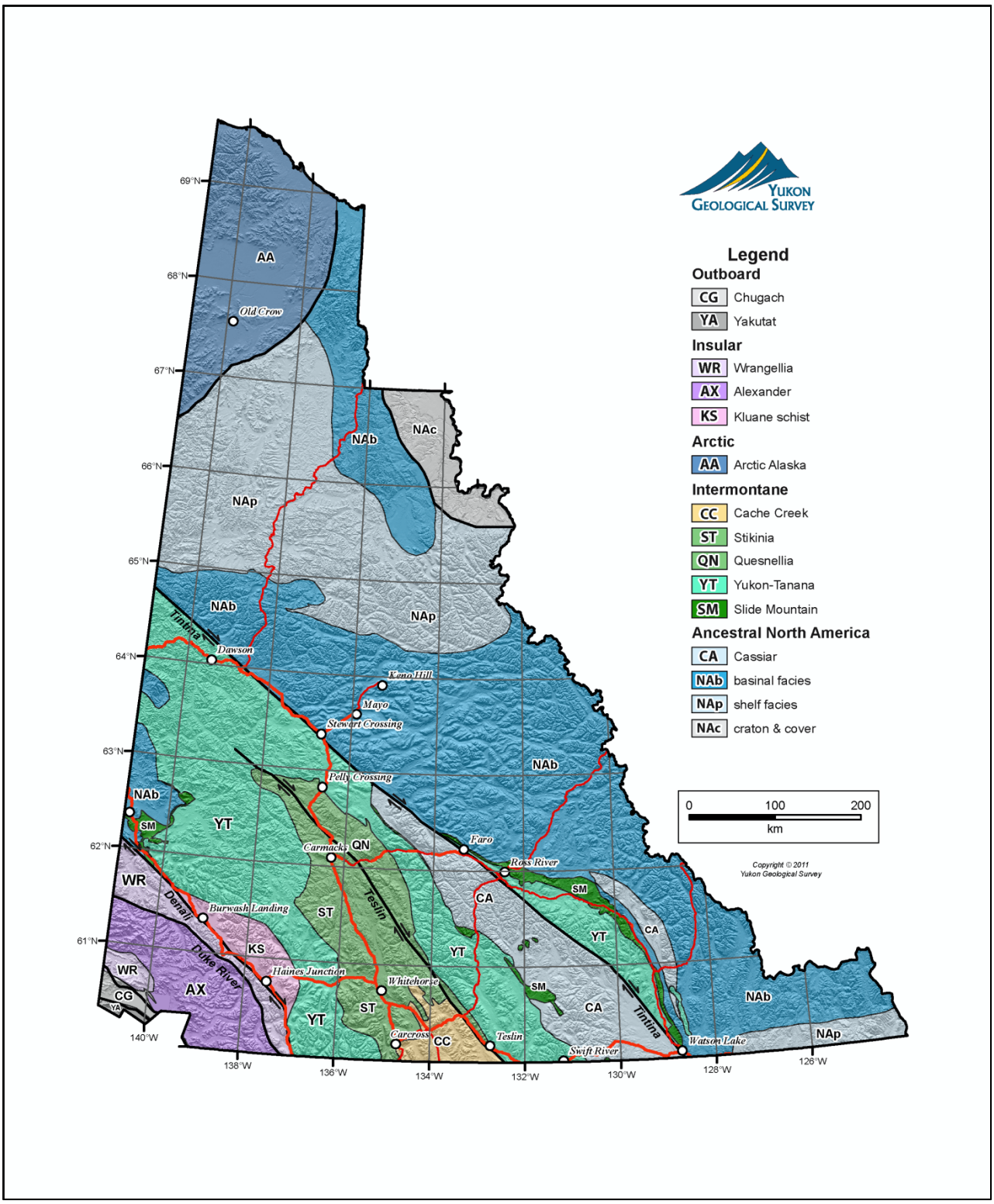


Figure 4: Yukon Terrane Map (*Nelson and Colpron, 2007*)

5.2 PROPERTY GEOLOGY AND MINERALIZATION

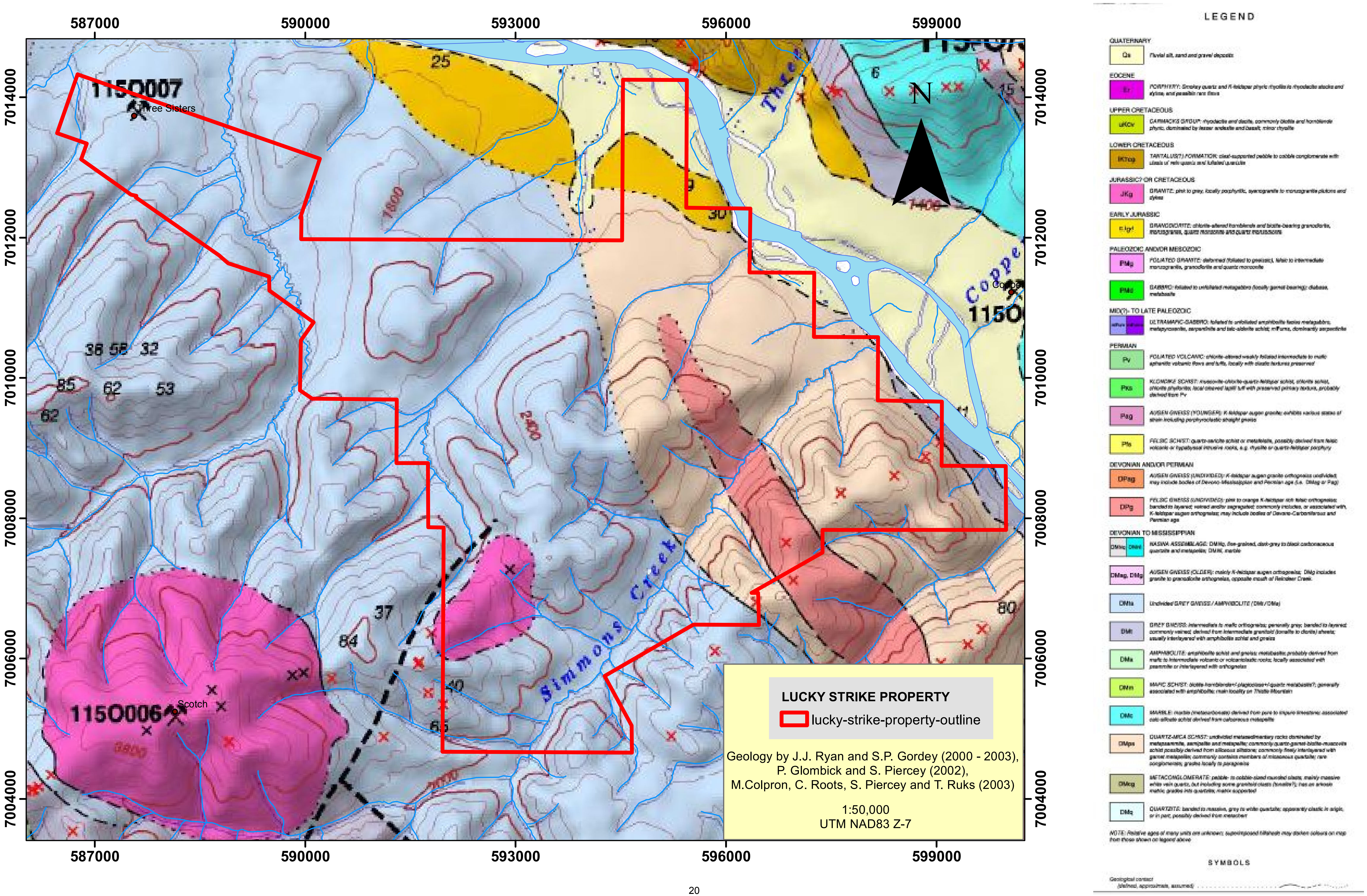
The Lucky Strike property currently does not have a detailed geology map. The property is extremely limited in outcrop for mapping and typically has between 0% and 5% outcrop in most areas however the basic property geology can be ascertained from the regional geology map of the Stewart River Area. (Figure 5: *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 Devono-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 / amphiobolite 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: *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*).



587000
590000
593000
596000
599000
7014000
7012000
7010000
7008000
7006000
7004000
115O007
Three Sisters
115O006
Scotch
Simmons Creek
N
LUCKY STRIKE PROPERTY
lucky-strike-property-outline
Geology by J.J. Ryan and S.P. Gordey (2000 - 2003),
P. Glombick and S. Piercey (2002),
M.Colpron, C. Roots, S. Piercey and T. Ruks (2003)
1:50,000
UTM NAD83 Z-7
LEGEND
QUATERNARY
EOCENE
UPPER CRETACEOUS
LOWER CRETACEOUS
JURASSIC? OR CRETACEOUS
EARLY JURASSIC
PALEOZOIC AND/OR MESOZOIC
MID(?)- TO LATE PALEOZOIC
PERMIAN
DEVONIAN AND/OR PERMIAN
DEVONIAN TO MISSISSIPPIAN
SYMBOLS

TOTAL GAMMA RESPONSE MAP

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*).

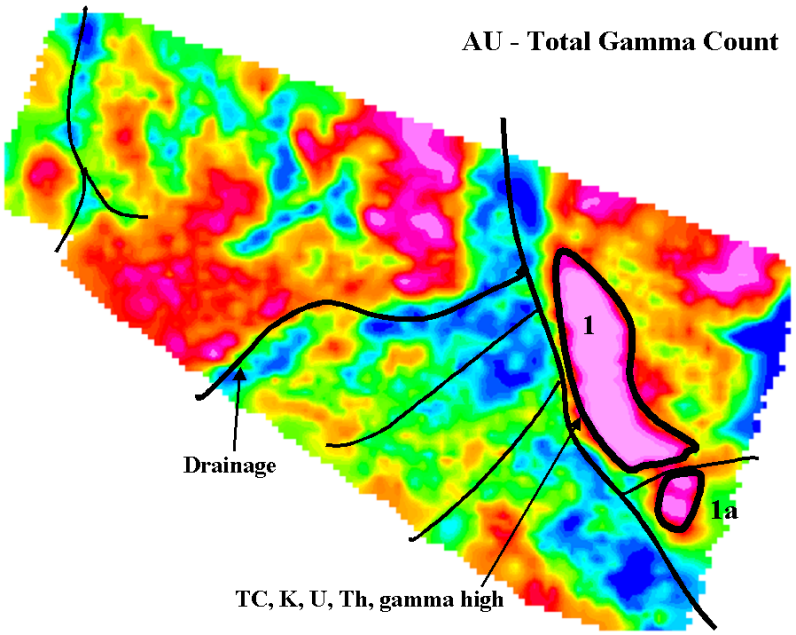


Figure 6: AU Claims, Lucky Strike Property – Total Gamma Response Map

6.0 2013 EXPLORATION PROGRAM

In June of 2013 a six person crew completed 8 days of mechanical trenching, soil sampling and a ground magnetic geophysical survey on 6 of the 261 quartz claims that form the Lucky Strike Property. The purpose of the exploration program was to determine if the property held potential for structurally controlled 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 the target area for this program.

The crew of 6 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 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; Wayne Doucette, Prospector (30+ years); Dustin Blampin, Machine Operator; Jason Chronobay, Machine Operator; and Shea Youngdahl, Field Hand / Sampler.

6.1 MECHANICAL TRENCHING AND PIT SAMPLES

A total of 6 trenches were completed on the property. See table below.

TRENCH NAME	LENGTH	NUMBER OF SAMPLES	SAMPLE INTERVAL
LSTR-13-001	126m	63	2m
LSTR-13-002	40m	20	2m
LSTR-13-002B	30m	15	2m
LSTR-13-003	70m	35	2m
LSTR-13-004	50m	25	2m
LSTR-13-005	101m	21	5m (last two samples are 3m)

Table 1: 2013 Trench Details

All trenching and pit sampling was completed by using a Candig Mining CD21 fly portable mini excavator. A two man crew operated the excavator over 2 shifts a day resulting in 417m of trenches being constructed sampled and reclaimed over an 8 day period. See fig 8: 2013 Trench and Pit Map for trench details and location of zone 1. A total of 6 pit sample sites were located approximately 10 to 15m apart over a distance of 70m. Pit samples site locations were located along the path of the trenching equipment as it moved between trench locations. Pit sample 1227806 returned the highest 2013 gold value of 5389 ppb Au_1 or 1646.9 Au ppb. (*Note: **Au1** values are derived from 3B lead-collection fire assay analytical analysis and **Au** values are derived from ICP-MS analytical procedure. The 3B lead collection fire assay typically contains higher gold concentrations possibly due to gold being locked in refractory sulphides.)*

Pit 1227806 was a 1.5 m deep pit and no frozen ground was encountered during digging. Pit 1227806 was dug 30m north of trench LSTR-13-003 and 70m south of trench LSTR-13-002. Sample 1227806 is of an oxidised orthogneiss with quartz veining and is moderately elevated in Bi, Sb, and Ag.

Trenches LSTR-13-001 to 004 were systematically sampled over 2m intervals and LSTR-13-005 was sampled over 5m intervals with the last 2 samples being sampled at 3m intervals. The change from 2m interval sampling to 5m interval sampling was due to time constraints on the

last day of trenching. Trenches were typically no more than 0.75 m deep due to frozen ground conditions. A total of 179 rock samples were collected from the trenching program and 6 rock samples were collected from the pit sampling program and a further 3 rocks were collected while prospecting.

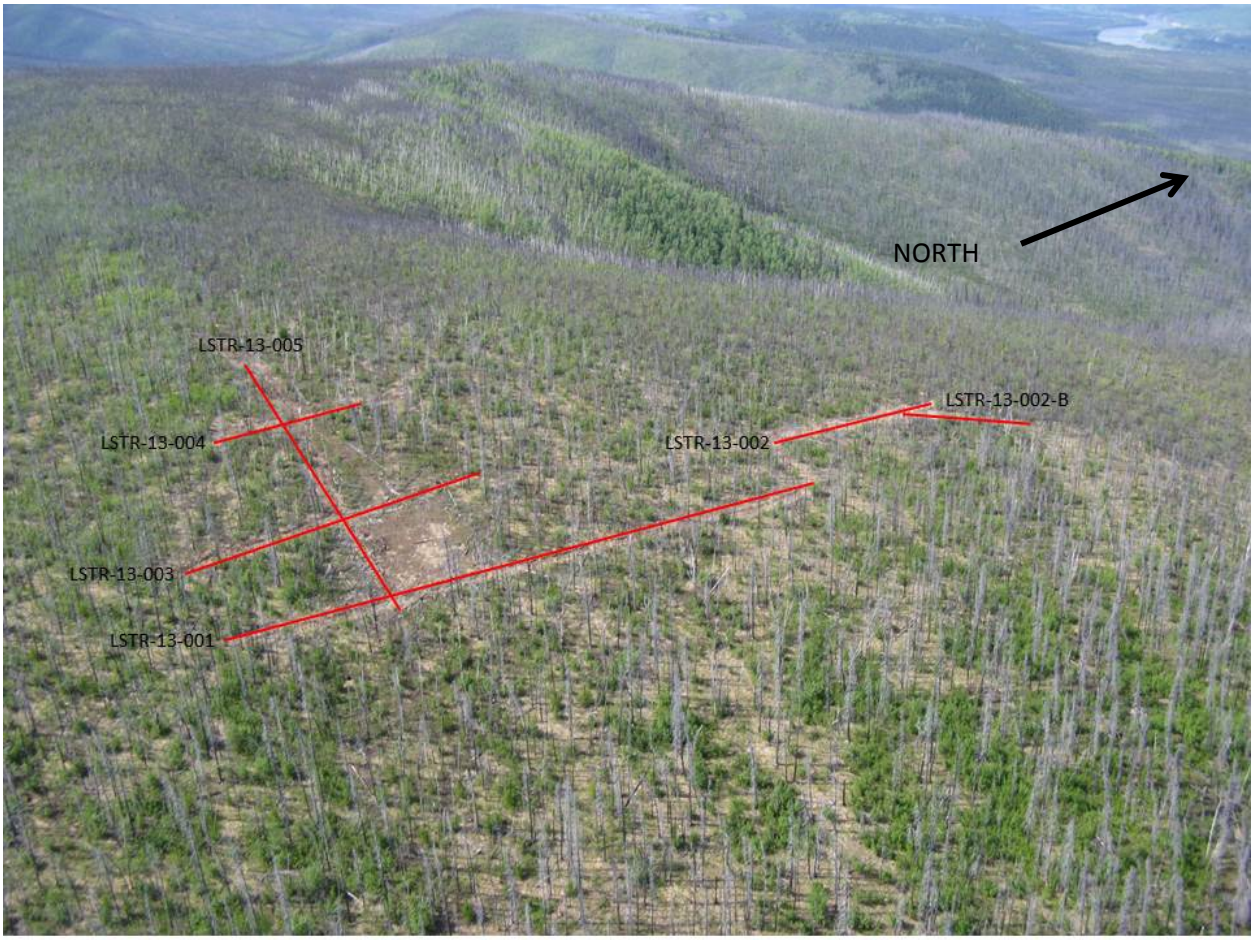
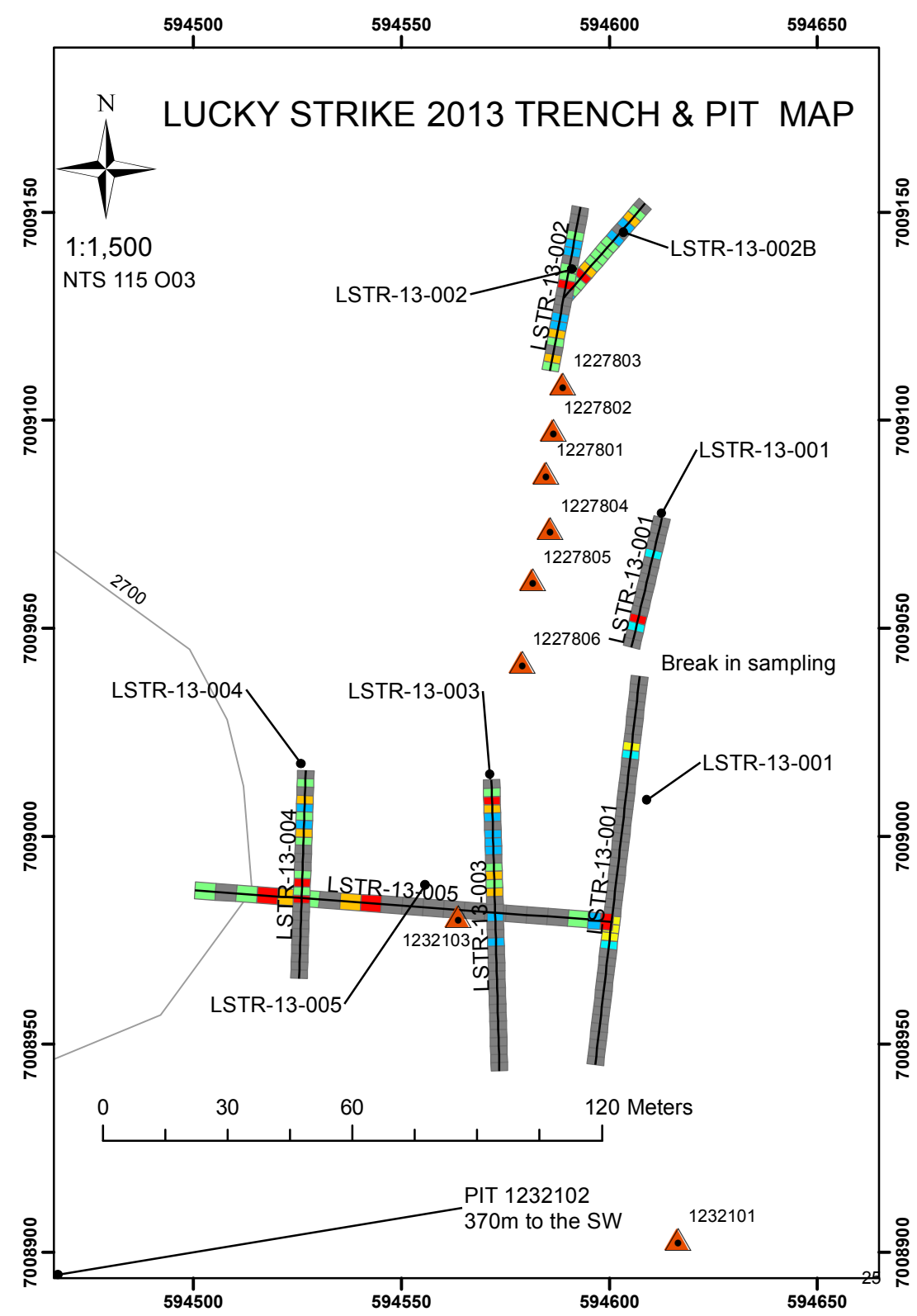
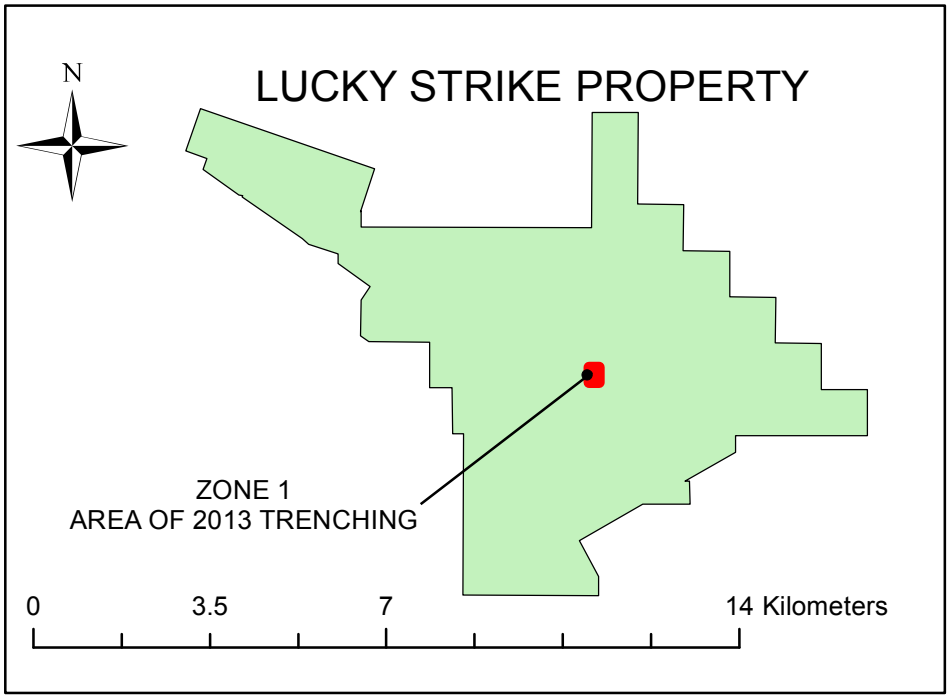


Figure 7: Aerial View of 2013 trenches after reclamation





TRENCH NAME	LENGTH	NUMBER OF SAMPLES	INTERVAL
LSTR-13-001	126m	63	2m
LSTR-13-002	40m	20	2m
LSTR-13-002B	30m	15	2m
LSTR-13-003	70m	35	2m
LSTR-13-004	50m	25	2m
LSTR-13-005	101m	21	5m (last two samples are 3m)

PIT-ID	LENGTH	Au1_ppb
1227801	3m	3
1227802	1m	12
1227803	1m	95
1227804	1m	9
1227805	1m	8
1227806	1m	5389
1232101	1m	4
1232102	1m	4
1232103	1m	98

PROPERTY LEGEND
LUCKY STRIKE

- 2013-PIT_LOCATIONS
- 2013-TRENCHES
- 115O03_contour

Colour ramp in natural breaks
Au1_ppb

- 1 ppb gold
- 2251 ppb gold

A summary of gold values obtained from each trench are shown in the following table. For a full list of results see Certificates of Analysis in Appendix I.

TRENCH NAME	SAMPLE NUMBER	Au1_ ppb	Au_ppb	FROM (M)	TO (M)	SAMPLE INTERVAL (M)
LSTR-13-001	1243551	548	140.4	106	108	2m
LSTR-13-002	1243574	571	82.2	20	22	2m
LSTR-13-002	1243565	318	145.0	2	4	2m
LSTR-13-002	1243568	237	67.4	8	10	2m
LSTR-13-002B	1243587	64	24.3	6	8	2m
LSTR-13-003	1243631	2251	1704.2	64	66	2m
LSTR-13-003	1243620	802	915.1	42	44	2m
LSTR-13-003	1243622	491	181.6	46	48	2m
LSTR-13-003	1243630	417	234.6	62	64	2m
LSTR-13-003	1243623	162	62.6	48	50	2m
LSTR-13-003	1243621	126	131.0	44	46	2m
LSTR-13-004	1243643	325	149.3	18	20	2m
LSTR-13-004	1243645	293	164.5	22	24	2m
LSTR-13-004	1243651	229	203.1	34	36	2m
LSTR-13-004	1243655	215	175.9	42	44	2m
LSTR-13-004	1243644	164	126.7	20	22	2m
LSTR-13-004	1243653	149	101.7	38	40	2m
LSTR-13-004	1243650	140	47.4	32	34	2m
LSTR-13-004	1243646	121	171.3	24	26	2m
LSTR-13-004	1243657	109	107.5	46	48	2m
LSTR-13-005	1243669	659	3087.7	50	55	5m
LSTR-13-005	1243686	634	2634.1	133	136	3m
LSTR-13-005	1243674	556	66.2	75	80	5m
LSTR-13-005	1243670	207	132	55	60	5m
LSTR-13-005	1243673	185	237.2	70	75	5m
LSTR-13-005	1243671	84	28	60	65	5m
LSTR-13-005	1243666	64	125	35	40	5m
LSTR-13-005	1243684	64	62.3	125	130	5m

Table 2: Summary of Gold Values from 2013 Trenching Lucky Strike

In general, trench depths were hampered by frozen ground. Trench depths ranged between 0.5m and 1.0m. Anomalous rock samples are described as gneiss, orthogenesis or schist 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. Occasional less altered dyke material was noted is some gold bearing rock descriptions.

A correlation matrix for each trench 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 is to 1.0, the stronger the relationship between the two variables. All of the full correlation matrices for each trench can be found in Appendix III.

A summary of each individual trench is as follows.

Trench ID	CC* Value	Elements = or > than CC for Au_1	Number of Samples
LSTR-13-001	0.198253601	Mo, Sb	63
LSTR-13-002	0.063665673	Mo, Bi, Sr, Se, W, As, Pb, Hg, Sb, Cd	20
LSTR-13-002-B	0.051572327	Mo, Cd, Sb, Co, Hg, Sc, Cu, Pb, Ag, As, Mn, Fe, V, Ga	15
LSTR-13-003	0.267014071	Mo, Sb, Ag, Pb, Cu, Ba, Se, As.	35
LSTR-13-004	0.239053443	Mo, Ag, Fe, Th, La, Te, Se, Sc, Sb, P, Pb, Zn, Hg.	25
LSTR-13-005	0.228088463	Mo, Pb, Ag, Zn, Ni, Co, Fe, Cd, Sb, Bi, P, S, Sc, Cu, Mn, La, Ba, Hg, Se, Te.	21

Table 3: Gold Pathfinder Elements Based on the Correlation Coefficients for each Trench

If we run the same statistical analysis on all 188 rock samples (including grab and pit samples) from the 2013 program a more refined association for gold is observed, see Table 4.

Of interest in Table 4 is that Mo does not correlate well with gold when all rock samples are analyzed as one population but does when each trench is looked at individually and perhaps should not be discounted.

All 2013 Rock Samples	CC* Value	Elements = or > than CC	Number of Samples
All 2013 rock samples	0.306343824	Ag, Sb, Pb, Ba	188

Table 4: Gold Pathfinder Elements Based on the Correlation Coefficients for all 2013 Rock Samples

Gold in rock values from the 2013 program range from detection to 5,389 ppb and gold is strongly associated with silver, antimony, lead and barium with a correlation coefficient of 0.54, 0.43, 0.29 and 0.28 respectively.

Silver concentration is low despite the strong correlation with gold. The maximum 2013 value for silver is 2.1 ppm. Antimony values range between detection and 21.6 ppm, lead range between 4.7 and 110.3 ppm and barium values range between 66 and 2234 ppm. For full correlation matrix of all rocks from the 2013 program see Table 5.

Below is a typical example of trench style and depth from the 2013 trenching program. Photograph is of LSTR-13-003 before sampling with prospector Wayne Doucette marking out sample intervals with red marking paint.

Figure 9: Photograph of trench LSTR-13-003 before sampling

CORRELATION MATRIX FOR 2013 ROCK SAMPLES

	Au1_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	K_pct	W_ppm	Hg_ppm	Tl_ppm	S_pct	Sc_ppm	Se_ppm	Ga_ppm	Te_ppm
Au1_ppb	1																																			
Mo_ppm	0.144752	1																																		
Cu_ppm	0.059252	-0.01475	1																																	
Pb_ppm	**0.29532**	0.481048	0.156799	1																																
Zn_ppm	0.029343	0.119287	0.495263	0.150705	1																															
Ag_ppm	**0.539785**	0.375478	0.196328	0.616033	0.224619	1																														
Ni_ppm	-0.009	0.011625	0.488098	0.060045	0.853615	0.153128	1																													
Co_ppm	-0.05813	0.069397	0.31434	-0.00192	0.571563	0.121459	0.776682	1																												
Mn_ppm	-0.047	0.017236	0.12577	-0.04259	0.282718	0.087796	0.554604	0.895147	1																											
Fe_pct	0.071895	0.221077	0.627587	0.143239	0.836231	0.238953	0.699163	0.53639	0.307395	1																										
As_ppm	0.096224	-0.12714	0.333622	0.143931	0.236763	0.10992	0.232744	0.241857	0.103609	0.214209	1																									
Au_ppb	0.586346	0.277779	0.149832	0.292236	0.292051	0.768446	0.188608	0.061145	0.01205	0.27077	0.031815	1																								
Th_ppm	-0.11201	0.13154	0.057363	-0.10794	0.210197	-0.06685	0.163094	0.053618	-0.0683	0.183985	-0.18357	-0.05166	1																							
Sr_ppm	-0.00251	0.020048	0.215294	0.160298	0.192719	0.089806	0.035725	0.005486	-0.01105	0.213541	0.205352	0.119493	-0.09951	1																						
Cd_ppm	0.032274	0.10356	0.458517	0.194168	0.592522	0.214908	0.532812	0.606594	0.490178	0.635216	0.345167	0.229951	-0.05577	0.246635	1																					
Sb_ppm	**0.430604**	0.143058	0.18907	0.547747	0.044341	0.78387	0.035468	0.07511	0.085422	0.079351	0.285549	0.409528	-0.1631	0.187119	0.155436	1																				
Bi_ppm	0.1067	0.23708	0.055125	0.483964	0.06494	0.249597	0.050269	-0.01878	-0.03144	0.064745	0.037207	0.054234	-0.02856	0.013113	0.086962	0.07147	1																			
V_ppm	-0.11038	0.110767	0.533231	-0.03185	0.573689	0.056197	0.504613	0.369543	0.156832	0.629692	0.030566	0.036567	0.421152	-0.0027	0.323335	-0.03573	-0.02523	1																		
Ca_pct	-0.11355	-0.15715	-0.12864	-0.17928	0.023086	-0.14219	0.111123	-0.00952	-0.00787	-0.11384	-0.287	-0.11267	0.466251	-0.38731	-0.233	-0.23613	-0.05813	0.265732	1																
P_pct	0.008594	0.179711	0.628338	0.130546	0.715331	0.175129	0.595337	0.446914	0.248441	0.846307	0.251449	0.194747	0.244528	0.120959	0.648289	0.042508	0.064093	0.578935	0.050342	1															
La_ppm	-0.05282	0.320635	-0.00643	-0.01517	0.139682	0.001716	0.088562	0.045684	-0.04385	0.142137	-0.27296	0.004147	0.865959	-0.04352	-0.04838	-0.08091	-0.01304	0.329501	0.314923	0.236929	1														
Cr_ppm	-0.08083	0.00443	0.447655	-0.02499	0.535936	0.032177	0.486534	0.274821	0.072037	0.474719	0.007338	0.016289	0.434246	-0.00225	0.21873	-0.05222	-0.0224	0.88413	0.355625	0.456594	0.341397	1													
Mg_pct	-0.17337	-0.16933	-0.06286	-0.29846	0.017152	-0.19671	0.065651	-0.01837	-0.05647	-0.05617	-0.36947	-0.15476	0.657714	-0.27953	-0.22253	-0.26538	-0.14541	0.436716	0.765235	0.02196	0.513711	0.514552	1												
Ba_ppm	**0.280675**	0.148629	0.20229	0.251398	0.28368	0.419669	0.195787	0.226684	0.200761	0.23549	0.149684	0.359849	-0.00214	0.337178	0.290521	0.379529	0.065283	0.190831	-0.07853	0.148598	-0.00163	0.201155	-0.07279	1											
Ti_pct	-0.15247	-0.18201	-0.13349	-0.28618	-0.04645	-0.18799	0.008003	-0.05153	-0.06995	-0.12797	-0.35312	-0.15608	0.62815	-0.32613	-0.26495	-0.2357	-0.14356	0.354357	0.762171	-0.03356	0.498182	0.444853	0.976545	-0.09693	1										
B_ppm	-0.01528	-0.0198	0.037564	0.009189	0.02626	-0.01283	0.144385	0.05345	0.002379	-0.02151	0.016741	-0.01638	0.018302	-0.03931	-0.06691	-0.02895	-0.04374	-0.0258	-0.04445	-0.06922	-0.03133	-0.02335	-0.03571	-0.03549	-0.03747	1									
Al_pct	-0.16573	0.033538	0.020628	-0.19051	0.175503	-0.12006	0.118937	0.018597	-0.06136	0.162256	-0.33372	-0.0769	0.754313	-0.08195	-0.07346	-0.25271	-0.02855	0.5478	0.661093	0.213855	0.61595	0.561664	0.886819	0.016391	0.83491	-0.0673	1								
Na_pct	-0.13122	-0.17372	-0.28574	-0.20863	-0.20131	-0.14306	-0.16954	-0.14689	-0.07258	-0.27611	-0.23656	-0.12949	0.335972	-0.20831	-0.25329	-0.1736	-0.03846	-0.13541	0.477024	-0.16351	0.275444	-0.09203	0.447364	-0.153	0.494821	-0.03522	0.395373	1							
K_pct	-0.20433	-0.22938	-0.07328	-0.30534	0.011648	-0.22424	0.05043	-0.05095	-0.08488	-0.07123	-0.34939	-0.17006	0.669208	-0.23449	-0.20825	-0.26571	-0.11914	0.380976	0.74466	0.026708	0.518307	0.476905	0.973725	-0.10747	0.965899	-0.04409	0.877562	0.472582	1						
W_ppm	-0.01698	0.037774	0.170856	-0.02625	0.040365	0.039795	0.260247	0.441381	0.584323	0.094426	0.004991	-0.01924	-0.14376	0.085647	0.137491	0.089263	-0.03789	-0.00348	-0.09256	0.031111	-0.06562	-0.04005	-0.09186	0.10266	-0.09058	-0.01463	-0.1271	-0.02919	-0.10102	1					
Hg_ppm	0.054434	0.483432	0.046781	0.13839	0.116257	0.237544	0.075817	0.296177	0.322427	0.263442	-0.09203	0.163543	0.046201	0.156743	0.287238	0.146486	0.038568	0.179982	-0.21279	0.213509	0.214141	0.020484	-0.1722	0.262228	-0.20708	-0.03652	0.005191	-0.19048	-0.22457	0.092569	1				
Tl_ppm	-0.1219	0.027337	-0.02196	-0.18573	0.161455	-0.00247	0.159877	0.232082	0.171305	0.179592	-0.19149	0.010884	0.559229	-0.15538	0.104054	-0.15896	-0.1047	0.465335	0.512314	0.187603	0.44362	0.455193	0.750844	0.081462	0.728245	-0.04583	0.767889	0.297698	0.738992	-0.02999	0.171365	1			
S_pct	-0.0262	-0.0337	0.117128	-0.02462	-0.09298	0.018258	-0.11503	-0.09974	-0.06113	-0.08918	0.010696	-0.02741	-0.10376	0.064278	-0.06025	0.006087	0.005002	-0.09089	-0.03648	-0.04056	-0.09839	-0.09649	-0.07646	-0.02878	-0.0739	-0.00924	-0.08744	0.135266	-0.06374	0.146676	0.03387	0.016708	1		
Sc_ppm	0.159499	0.658003	0.270613	0.224203	0.454975	0.293411	0.301205	0.24234	0.114514	0.562653	-0.09569	0.28435	0.333626	0.165637	0.276504	0.08865	0.145208	0.549488	-0.11151	0.459516	0.449141	0.405576	-0.04331	0.269449	-0.11114	-0.03308	0.247391	-0.15585	-0.11135	0.021869	0.588467	0.153942	0.021053	1	
Se_ppm	0.23699	0.253366	0.418785	0.244095	0.125176	0.268527	0.006248	-0.0672	-0.11728	0.362079	0.011369	0.176407	0.056993	0.08278	0.115574	0.165742	0.177401	0.301297	-0.11283	0.297223	0.092832	0.211043	-0.07844	0.134637	-0.1218	-0.03205	0.05667	-0.22994	-0.09508	-0.04852	0.211	-0.003	-0.01369	0.355451	1
Ga_ppm	-0.16512	-0.05043	0.084347	-0.25499	0.151075	-0.12659	0.127388	0.033082	-0.04067	0.133173	-0.25407	-0.07096	0.630625	-0.13348	-0.06818	-0.2579	-0.04191	0.591126	0.602486	0.162525	0.437036	0.594555	0.797919	0.006143	0.730573	-0.06223	0.88016	0.284939	0.770456	-0.11807	-0.07627	0.681303	-0.00179	0.218319	0.055764	1
Te_ppm	0.244277	0.701616	-0.03329	0.450497	0.016781	0.338166	-0.06852	-0.0309	-0.02572	0.07543	-0.05796	0.261763	0.030009	0.047411	0.000635	0.118512	0.259759	0.013973	-0.14586	0.069231	0.195779	-0.01048	-0.19299	0.088617	-0.18641	-0.01916	-0.07676	-0.17315	-0.25485	-0.00033	0.339651	-0.05119	0.103769	0.426036	0.18634	-0.1008	1

6.2 SOIL SAMPLING

A total of 249 soil samples were collected during the 8 day program. 245 soils were collected form a 500m x 550m grid with samples being taken at 25m intervals along lines spaced 50m apart. An additional 4 soil samples were collected while prospecting. See Appendix I and II for all sample locations and assay data. Soil samples were collected with the use of stainless steel Dutch augers and samples were placed in kraft paper bags and dried before shipping. At all times the "C" horizon was targeted but depths of greater than 0.3 to 0.5m were difficult to obtain due to frozen ground and slumping with rock fragments that inhibited the augers from reaching the rock / soil interface which was the objective.

A correlation matrix for all 249 soil samples shows that Au is strongly associated with Bi and Sb with a correlation coefficient of 0.38 and 0.26 respectively, See table 6. It should be noted that gold values for the 2013 soil survey range between detection and 70ppb Au with only 34 samples returning values greater than 10ppb Au. Bi values range from detection to 3.2 ppm with only 5 samples greater than 1ppm and Sb values range between 0.3 and 7.6 ppm. When the following gold pathfinder elements from rock sampling are plotted for soils (Sb, Pb, Ba + Mo), an interesting northwest trend is observed, see Figures 13 – 16.

Ag, Bi and Hg do not plot well due to extreme outliers in the data set, see Figures 10 to 12. While conducting the 2013 soil survey a break in the hill slope with a potential northwest trend was observed. Observations also record a possible change in geology from a more mafic orthogneiss to the south to a more felsic schist to the north. A field observation was recorded for soil sample ID 1237906 stating that the sampler felt he may be sampling above a fault and that the sample resembled weathered fault gauge material. Subsequently sample 1237906 returned the highest values for all of the following elements from the 2013 soil survey: – Ag - 9.9ppm, Mo - 37.5 ppm, Cu - 325.3 ppm, Zn – 1761 ppm, Ni - 648.4 ppm, Co – 218.3 ppm, Cd – 19.5 ppm, Hg – 4.98 ppm and Tl – 13.2. Sample 1237906 was also highly anomalous in the following elements: Au – 22.6 ppb, As – 141.5 ppm, Pb – 120.9 ppm and Ba – 4524 ppm.

CORRELATION MATRIX FOR 2013 SOIL SAMPLES

	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*	*K_pct*	*W_ppm*	*Hg_ppm*	*Sc_ppm*	*Tl_ppm*	*S_pct*	*Ga_ppm*	*Se_ppm*	*Te_ppm*
Mo_ppm	1																																		
Cu_ppm	0.757093	1																																	
Pb_ppm	0.070849	0.120665	1																																
Zn_ppm	0.510882	0.606941	0.66983	1																															
Ag_ppm	0.787121	0.746013	0.139964	0.732533	1																														
Ni_ppm	0.635009	0.726379	0.361632	0.910668	0.871782	1																													
Co_ppm	0.726389	0.79181	0.163616	0.764547	0.956074	0.91126	1																												
Mn_ppm	0.478823	0.531848	0.708968	0.932908	0.691542	0.830547	0.732447	1																											
Fe_pct	0.369618	0.570109	0.600637	0.871611	0.540428	0.804052	0.634381	0.781132	1																										
As_ppm	0.661119	0.523679	0.252546	0.451591	0.460131	0.478752	0.463607	0.443258	0.41037	1																									
Au_ppb	0.192398	0.188409	0.078617	0.17324	0.1788	0.216321	0.181797	0.137158	0.159571	0.176617	1																								
Th_ppm	-0.15821	0.206331	-0.00396	0.112307	-0.05375	0.104337	0.082329	0.007072	0.294759	-0.10181	-0.050391	1																							
Sr_ppm	0.153251	0.157061	0.071247	0.103921	0.105581	0.117712	0.098324	0.161238	-0.03561	0.26481	0.042062	-0.12634	1																						
Cd_ppm	0.733019	0.725072	0.386682	0.877961	0.950636	0.912391	0.92918	0.844717	0.671123	0.49458	0.159891	-0.03092	0.122021	1																					
Sb_ppm	0.459957	0.246249	0.254004	0.194914	0.115806	0.170183	0.105603	0.193352	0.187475	0.651036	**0.257965**	-0.3059	0.210087	0.159579	1																				
Bi_ppm	0.023975	0.063634	0.641685	0.413506	0.067689	0.215598	0.071191	0.421809	0.330931	0.095886	**0.383211**	-0.00522	-0.01592	0.223039	0.105755	1																			
V_ppm	0.286482	0.455847	0.232191	0.390546	0.251958	0.377068	0.344315	0.311149	0.598838	0.233167	0.004767	0.143328	-0.16208	0.285955	0.238226	0.054952	1																		
Ca_pct	-0.05087	-0.0522	0.011307	0.03286	0.008206	0.039393	-0.00026	0.078595	-0.04685	-0.01291	0.000557	-0.08881	0.765079	0.021958	-0.00759	-0.03951	-0.15263	1																	
P_pct	0.336217	0.478924	0.464997	0.730647	0.480518	0.667147	0.534446	0.679595	0.776466	0.377259	0.146967	0.300656	0.081302	0.579744	0.181035	0.289997	0.366248	0.018904	1																
La_ppm	-0.18505	0.217345	0.062325	0.154576	-0.05549	0.14157	0.08053	0.075755	0.342833	-0.11378	0.057246	0.834634	-0.08252	-0.01459	-0.19649	0.068595	0.25532	-0.07873	0.401103	1															
Cr_ppm	-0.13623	0.115334	-0.02107	0.020929	-0.1003	0.051115	0.01532	-0.06871	0.262801	-0.11582	-0.03901	0.298294	-0.21442	-0.09669	-0.05558	-0.06127	0.6403	-0.12077	0.138575	0.388196	1														
Mg_pct	-0.28738	0.04432	0.268116	0.24515	-0.08145	0.123927	0.030796	0.165661	0.39542	-0.25114	-0.081447	0.223448	-0.15057	0.033962	-0.17137	0.15754	0.576095	-0.0007	0.266696	0.367411	0.651347	1													
Ba_ppm	0.485417	0.551859	0.76834	0.917111	0.64835	0.764312	0.663272	0.91591	0.761075	0.438849	0.112489	-0.03202	0.187576	0.824636	0.25811	0.45208	0.39508	0.078767	0.609033	0.049866	0.006997	0.277567	1												
Ti_pct	-0.24957	0.09873	-0.03797	0.025225	-0.11824	0.00011	-0.00184	-0.09059	0.252691	-0.29817	-0.077859	0.471467	-0.25457	-0.10424	-0.25965	0.018178	0.552714	-0.09947	0.20061	0.543077	0.642066	0.79862	-0.01828	1											
B_ppm	0.003151	0.142025	0.108896	0.150151	0.058807	0.121573	0.094619	0.143248	0.136452	0.090877	-0.02395	0.17312	0.275815	0.10047	0.005899	0.079098	-0.06653	0.207436	0.226073	0.121972	-0.01262	0.078299	0.167065	-0.02386	1										
Al_pct	-0.2049	-0.0079	0.075942	0.059152	-0.07857	0.018328	0.018551	0.004907	0.252328	-0.24738	-0.048998	0.055231	-0.32792	-0.04587	-0.08314	0.052673	0.653148	-0.14393	0.003152	0.179193	0.634233	0.801298	0.119082	0.698263	-0.09769	1									
Na_pct	-0.10281	0.011639	0.009607	0.081004	0.047176	0.119391	0.084759	0.111267	0.105438	-0.10958	-0.069493	-0.2575	0.132386	0.056372	0.031593	-0.04957	0.288878	0.090744	0.026832	-0.0832	0.238187	0.508009	0.148174	0.299025	0.00074	0.398	1								
K_pct	-0.15203	0.208433	-0.06387	0.093652	-0.04619	0.091332	0.07668	-0.04044	0.307651	-0.17182	-0.015824	0.761431	-0.17951	-0.04632	-0.28422	0.029081	0.309199	-0.05882	0.417443	0.735444	0.44938	0.494583	-0.06325	0.778497	0.119384	0.316198	-0.14567	1							
W_ppm	-0.01709	-0.05573	0.174442	0.061606	0.009808	0.033049	0.008771	0.122098	0.116349	0.017986	0.040165	-0.35522	0.009162	0.029142	0.223636	0.057291	0.296891	0.000319	0.039014	-0.19188	0.12122	0.308273	0.178797	0.104642	-0.06303	0.348473	0.574297	-0.2299	1						
Hg_ppm	0.765057	0.768801	0.13942	0.692251	0.931504	0.837188	0.918927	0.675459	0.527716	0.488676	0.219523	0.00441	0.137646	0.897117	0.191381	0.067393	0.22003	0.011471	0.48018	0.032013	-0.12018	-0.13254	0.622711	-0.15567	0.106403	-0.15346	0.014181	-0.03497	-0.00777	1					
Sc_ppm	0.104084	0.398887	0.446422	0.496847	0.20675	0.464389	0.329946	0.524032	0.549298	0.284958	0.099492	0.281648	0.193405	0.314224	0.124365	0.233152	0.35609	0.064508	0.329554	0.439037	0.20498	0.23317	0.495709	0.069923	0.206062	0.109648	0.202728	0.075879	0.113328	0.283695	1				
Tl_ppm	0.660869	0.735625	0.459769	0.902206	0.894294	0.896779	0.902329	0.845498	0.750641	0.455278	0.156289	0.151001	0.07238	0.96316	0.105222	0.288995	0.369122	-0.0024	0.655371	0.150149	0.01914	0.15974	0.84057	0.070357	0.118804	0.039365	0.001935	0.158477	-0.01788	0.841996	0.344774	1			
S_pct	0.001658	0.058668	0.002413	0.009528	0.010114	0.011862	0.005583	-0.00505	0.044	0.034075	0.166134	0.075837	0.088283	-0.00932	0.079743	-0.00667	0.080115	-0.00701	0.064278	0.110703	0.125366	0.058695	-0.01414	0.034374	0.03535	-0.00898	-0.02637	0.107322	-0.0094	0.00825	0.05535	0.006233	1		
Ga_ppm	-0.09677	0.140059	0.102957	0.200124	0.048154	0.159244	0.154225	0.140481	0.383222	-0.18199	-0.111779	0.328209	-0.26428	0.074138	-0.18806	0.015164	0.68963	-0.09263	0.170512	0.358832	0.616075	0.728606	0.199567	0.696119	0.002009	0.82731	0.224328	0.485861	0.175379	-0.02794	0.239857	0.200475	0.043527	1	
Se_ppm	0.44514	0.281059	-0.01229	-0.02834	0.030882	-0.0252	-0.0219	-0.05754	-0.00776	0.407813	0.126975	-0.07285	0.113872	0.008682	0.514412	-0.02702	0.138557	-0.08348	0.075959	-0.09695	-0.0928	-0.21656	0.002404	-0.11849	-0.05026	-0.19128	-0.18048	-0.03105	0.038724	0.074908	-0.09587	-0.00194	0.071657	-0.17002	1
Te_ppm	0.283804	0.153791	0.23176	0.086346	0.008542	-0.00042	-0.01001	0.101274	0.100674	0.18685	0.010323	-0.07259	0.067982	0.051589	0.299369	0.162542	0.177566	-0.01865	0.111213	-0.05701	-0.02825	-0.01883	0.174789	-0.05141	-0.00966	-0.02024	-0.03714	-0.08656	0.059426	0.022184	0.049678	0.062719	-0.01733	0.001428	0.320655

When silver is plotted we can see it is affected by one major outlier and plots as one strong singular zone and a lesser zone to the west, Figure 10. Sample 1237906 possibly reflects a zone of buried mineralization. Gold is strongly associated with silver in rock samples and has a correlation coefficient of 0.54.

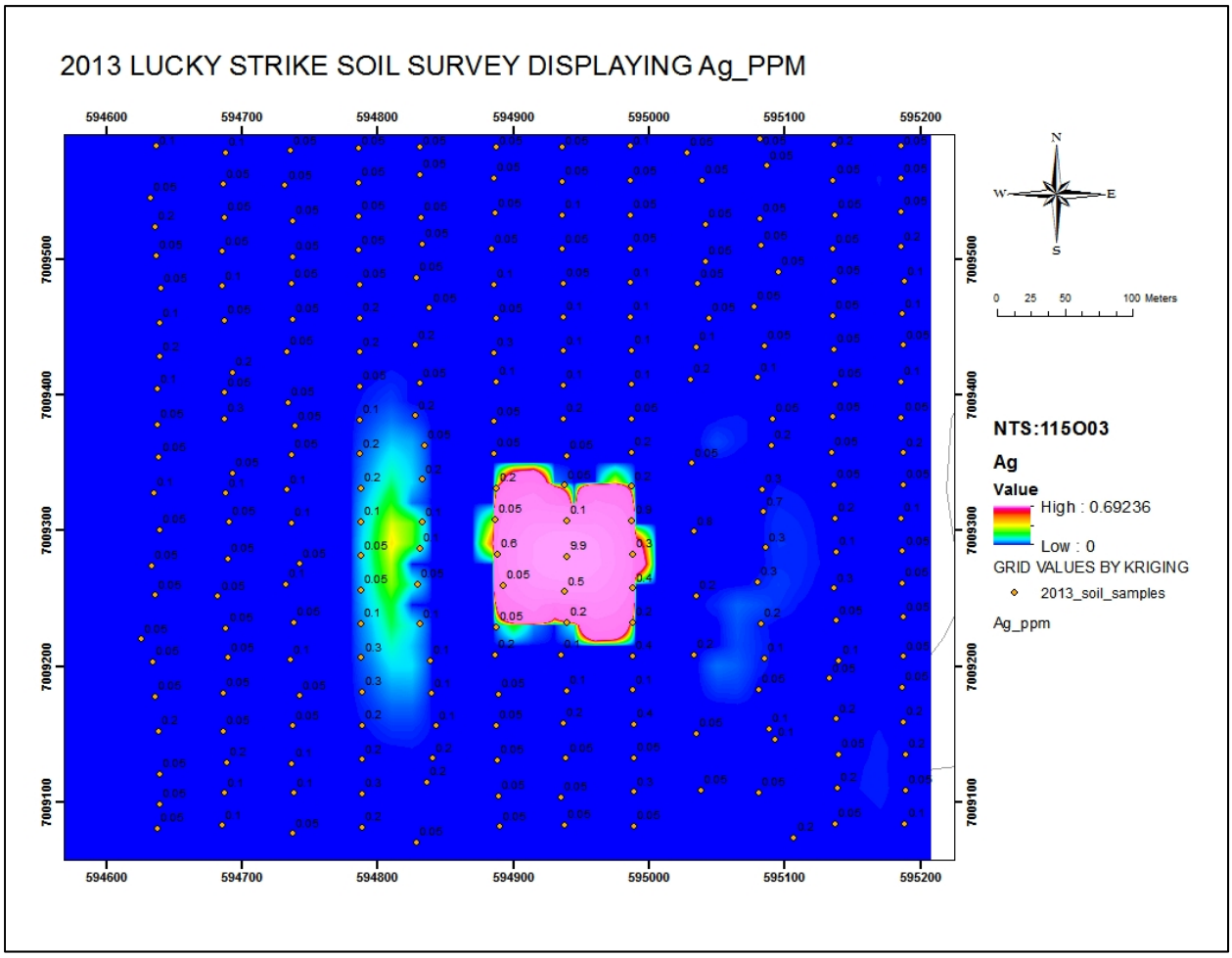


Figure 10: 2013 Soil Survey Displaying Ag ppm

Bismuth when plotted displays two distinct populations created by outlier values that possibly reflect some underlying mineralization. Bismuith has a strong correlation with gold in soil samples with a correlation coefficient of 0.38.

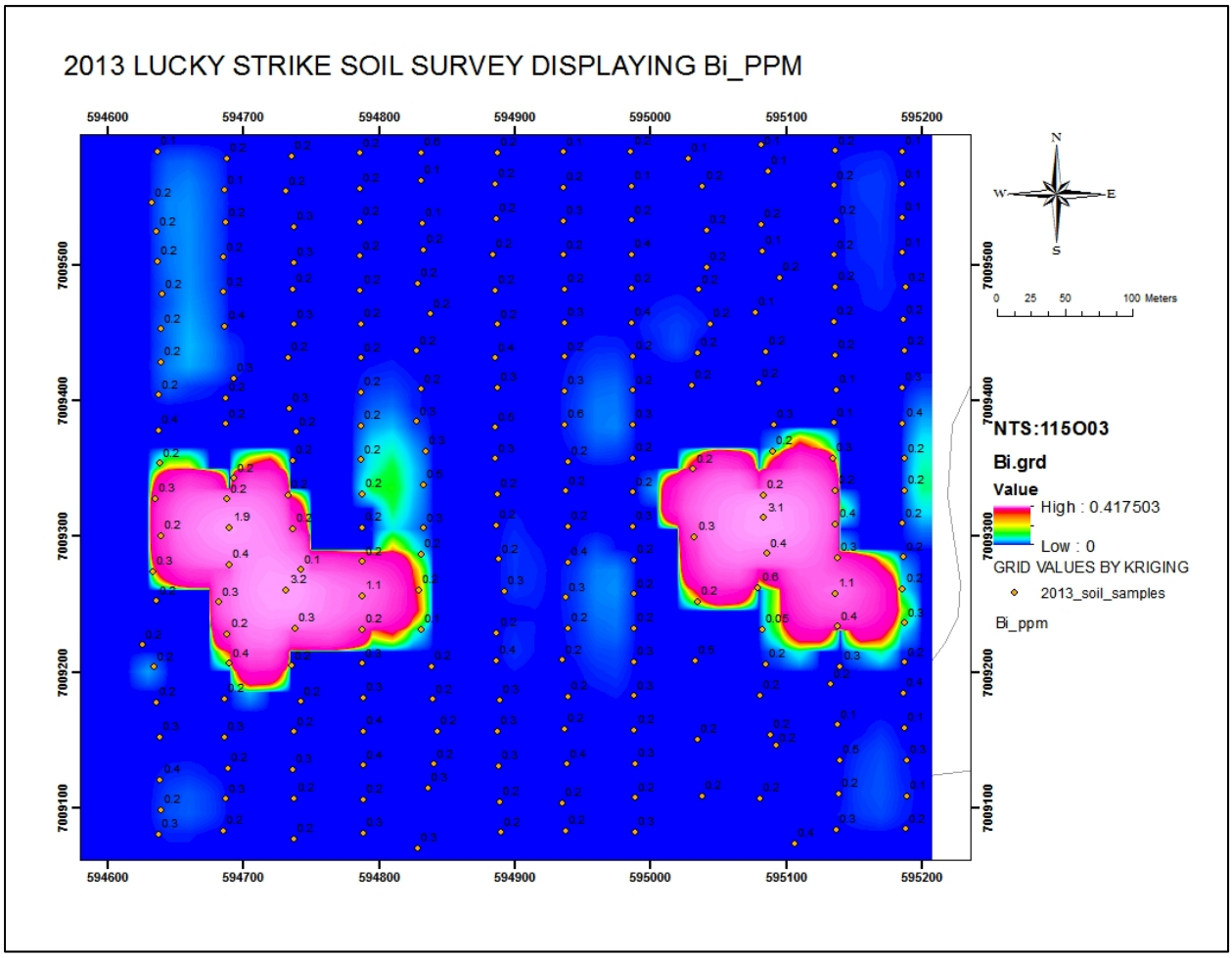


Figure 11: 2013 Soil Survey Displaying Bi ppm

Mercurey when plotted displays an almost identicle pattern to silver with one main strong zone and one lesser zone slightly to the west. This main outlier is created by the same sample ID (1237906) that created the main outlier values seen with silver. This strong outlier possibly reflects some underlying mineralization. Mercurey does not have a strong correlation with gold in soil samples but does correlate well with many other gold pathfinder elements.

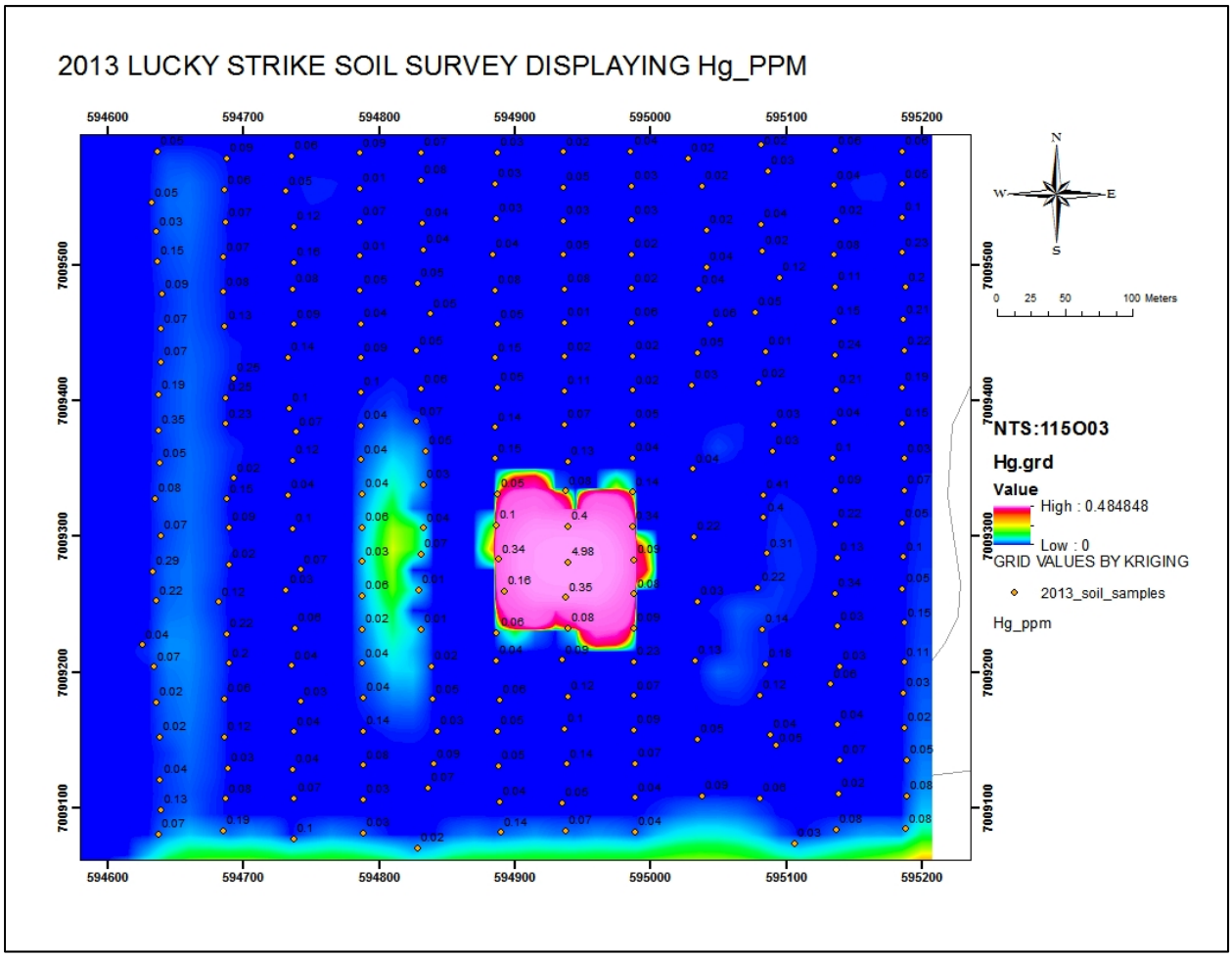


Figure 12: 2013 Soil Survey Displaying Hg ppm

Antimoney when plotted displays an arcuate to northwest trending pattern possibly reflecting a mineralized contact. Antimoney has a strong correlation with gold in rock samples with a correlation coefficient of 0.43.

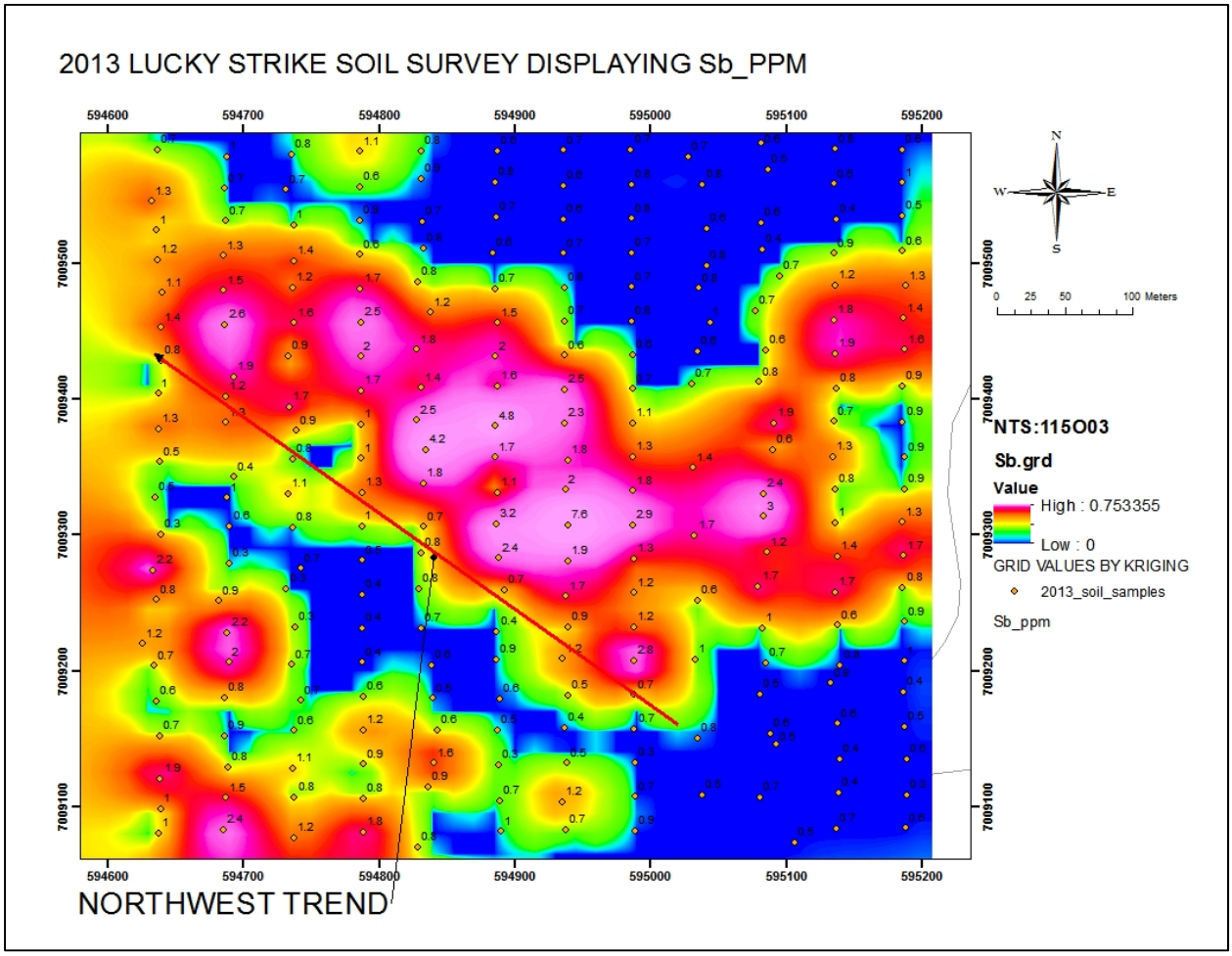


Figure 13: 2013 Soil Survey Displaying Sb ppm

Lead when plotted displays a simmilar arcuate to northwest trending zone of mineralization possibly reflecting a mineralized contact. Pb has a moderate to strong correlation with gold from statistically analyzed rock samples with a correlation coefficient of 0.29.

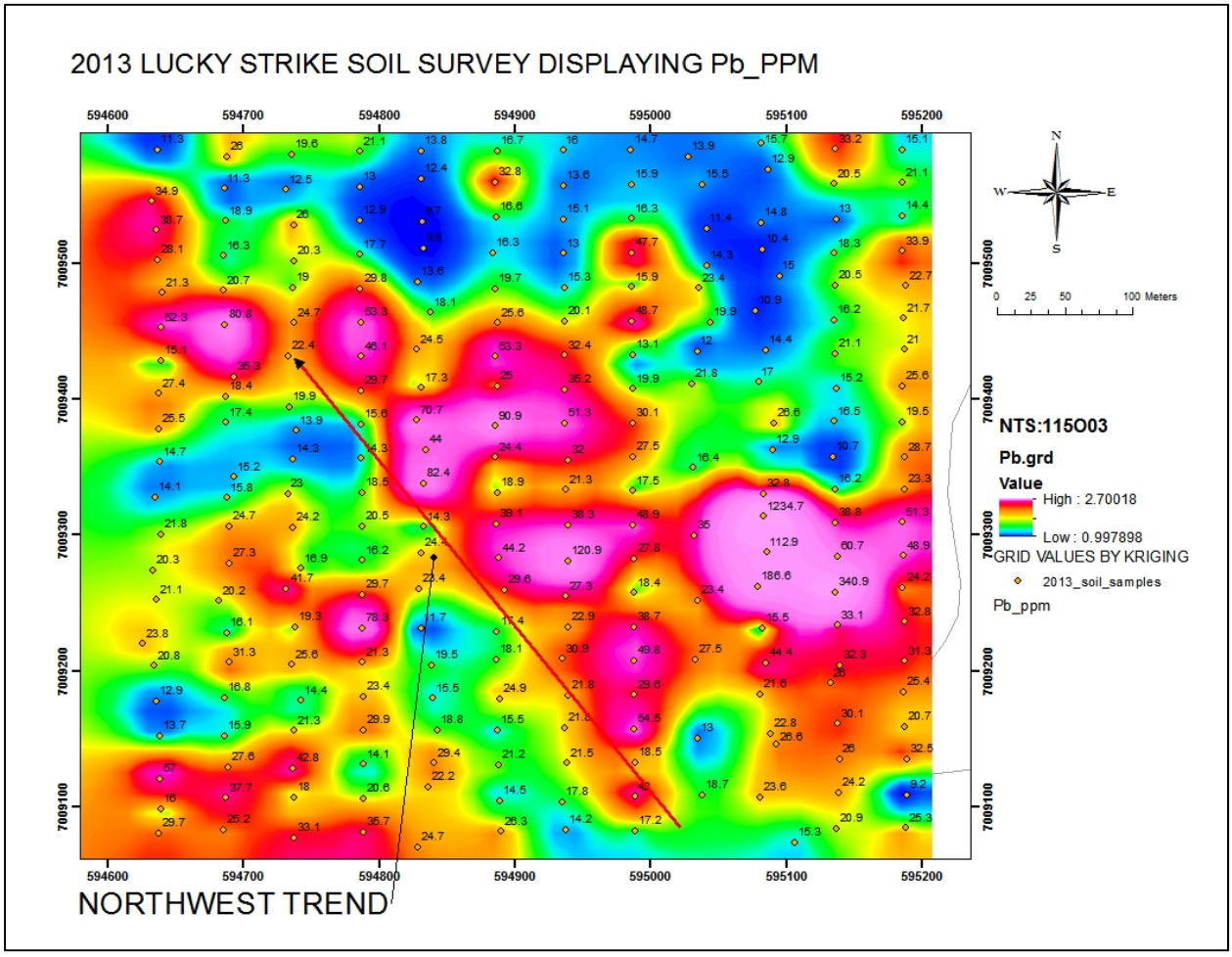


Figure 14: 2013 Soil Survey Displaying Pb ppm

Barium when plotted displays a distinct margin trending northwest and is possibly reflecting a mineralized contact. Ba has a moderate to strong correlation with gold from statistically analyzed rock samples with a correlation coefficient of 0.28.

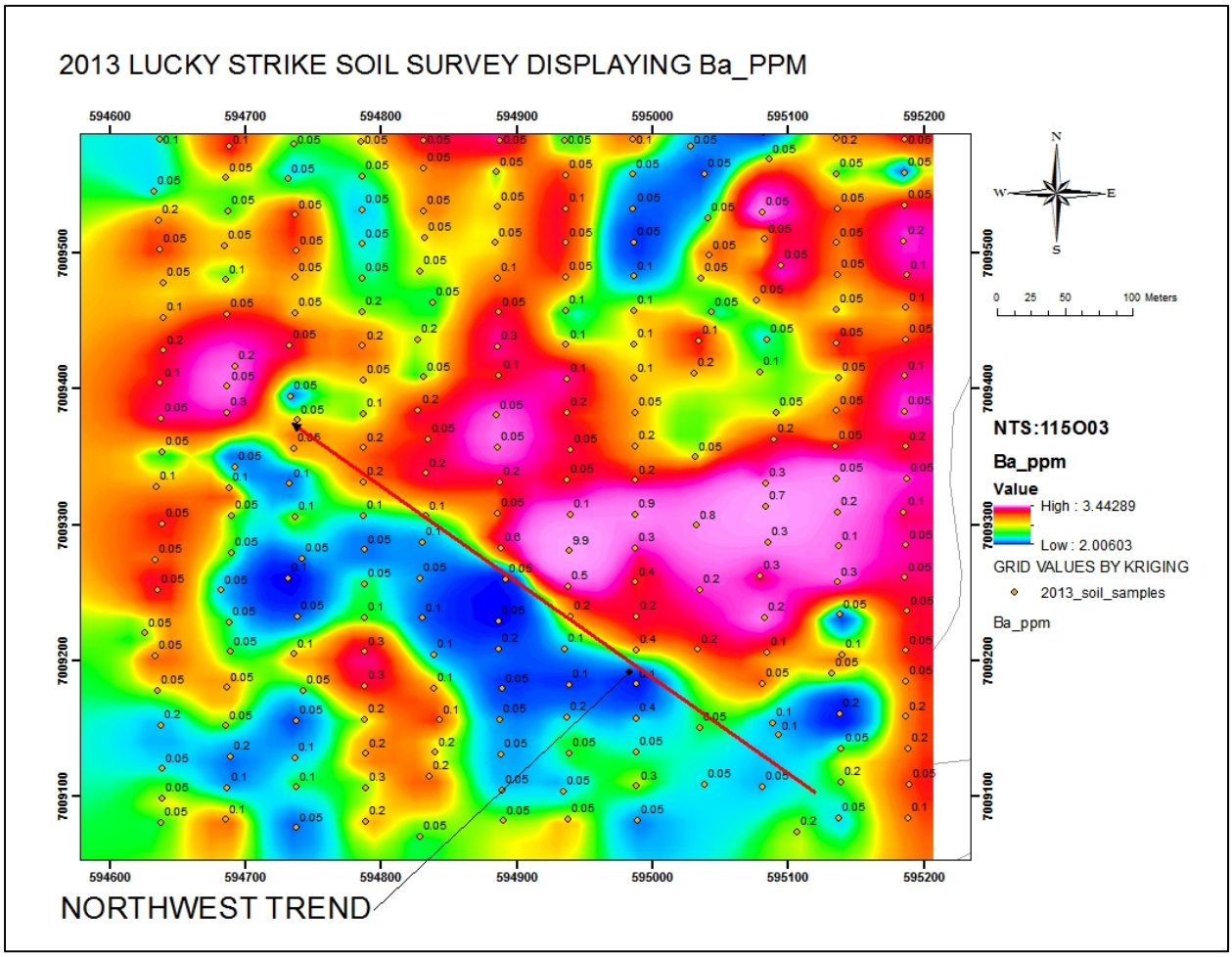


Figure 15:2013 Soil Survey Displaying Ba ppm

Molynibdum values when plotted also displays another arcuate to northwest trend and could be possibly reflecting a mineralized contact. Mo has a moderate to strong correlation with gold from statistically analyzed rock samples when each trench is examined as an individual population of samples.

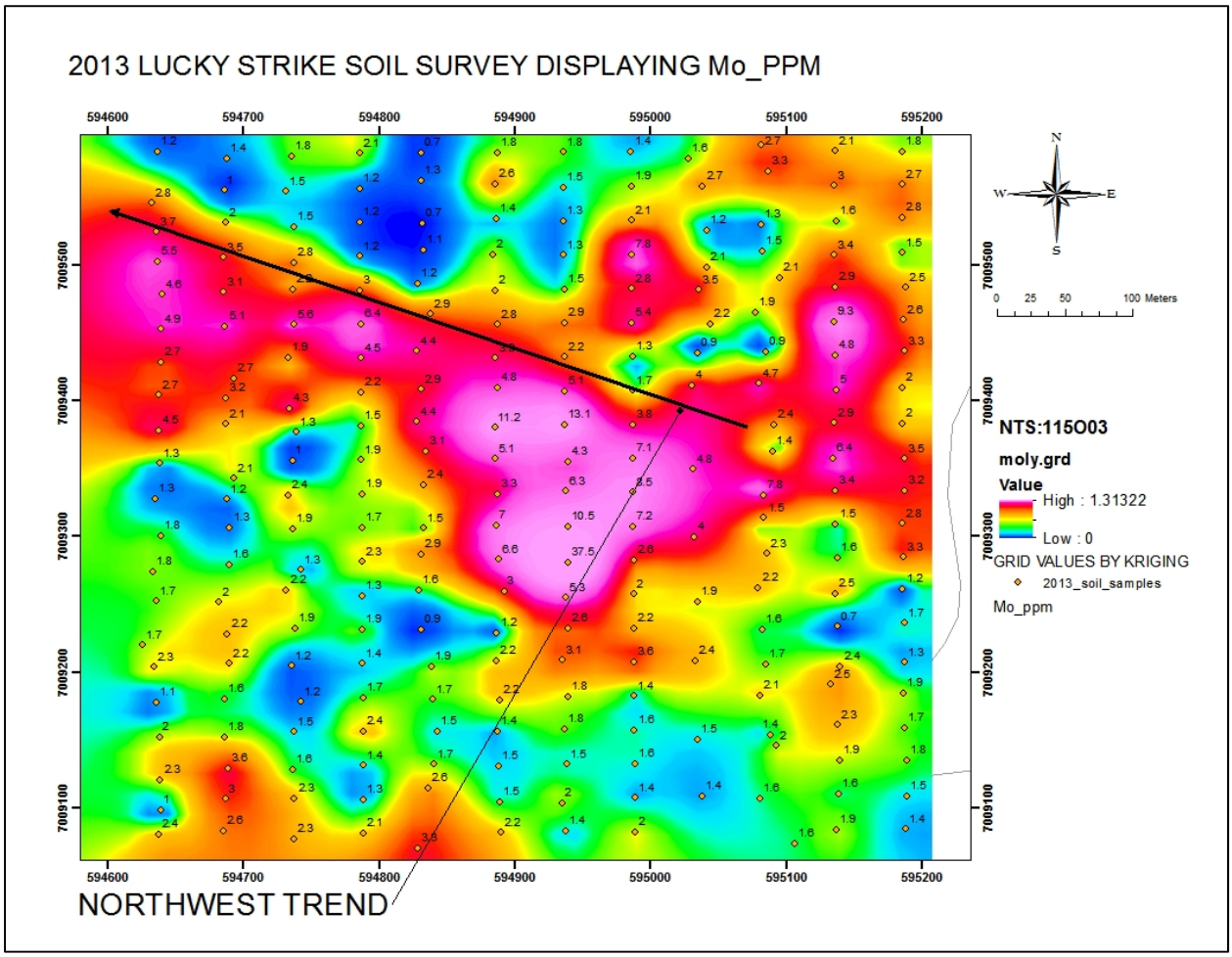


Figure 16:2013 Soil Survey Displaying Mo ppm

6.3 GEOPHYSICAL SURVEY

The ground magnetic survey was conducted using a backpack mounted Gem Systems GSM-19 Overhauser ground magnetometer. The survey was intended to copy the footprint of the soil sample survey grid but due to the difficult terrain and thick vegetation only approximately 1/3 of the intended survey was completed. The total line Km completed was 2.25 km of ground magnetics. The nano-tesla (nt) range for the survey was between 57168.44 nt to 57201.93 nt.

The survey was successful in showing a change in geology with a higher magnetic response to the north of the survey area, see Figure 17.

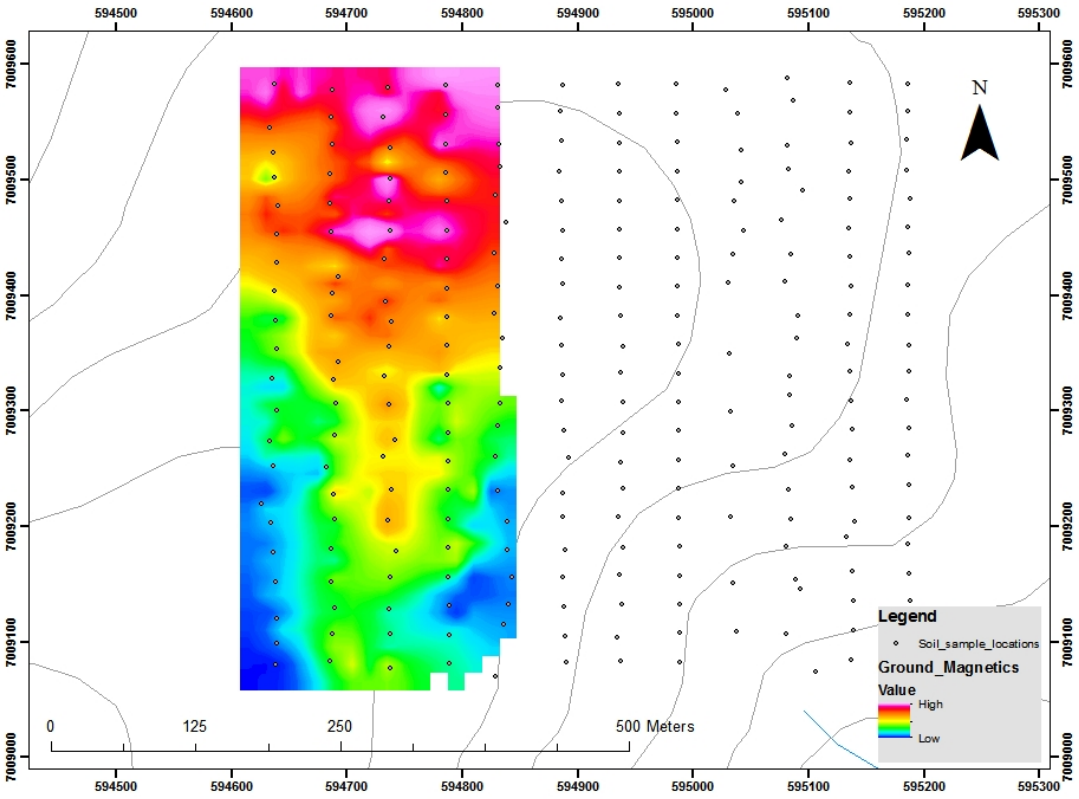


Figure 17: 2013 Ground Geophysical Survey

7.0 METHODOLOGY, QUALITY ASSURANCE AND QUALITY CONTROL

7.1 GEOCHEMICAL ANALYSIS

All the rock samples collected during the 2013 program were selected, sealed and shipped to Acme Laboratories in Whitehorse, YT. Groups of rock, soil and silt samples were placed into sturdy, labelled, woven-polyethylene bags, sealed with a cable tie 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 Freightlines Ltd. or Atlas Expediting. The assay certificates are located in Appendix IV: Certificates of Analysis.

All rock samples were crushed and pulverized in the 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 (75um). 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 2013 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

(75 um). 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 2013 soil survey consisted of a 500m x 550m grid constructed of lines spaced 50m apart and samples taken at 25m intervals along the lines. 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 1.5 m long stainless steel Dutch Auger. The target soil horizon was the “C” horizon. Individual soil samples were placed in labelled kraft 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

All trench and pit samples were excavated using a model MiningCD21 Can Dig mini excavator. 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 0.75 meter and a width of approximately 0.5 m. The trenches were sampled at 2m, 3m and 5m intervals depending on time constraints. If bedrock was not encountered a representative rock grab sample was taken along the trench bottom over the sample interval. 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 in situ 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 samples 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. All trench and pits were back filled after being sampled and logged.

7.4 MAGNETIC SURVEY

The magnetic survey was conducted using a backpack mounted Gem Systems GSM-19 Overhauser ground magnetometer. The GSM-19 Overhauser is a super charged proton magnetometer that has a resolution of 0.01 nT and absolute accuracy of 0.1 nT. The magnetometer contains an integrated Garmin GPS that records time and waypoint locations. An approximate 200m x 250m grid was walked with lines spaced 50 m apart for a total of approximately 2.25 km. A trained employee walked the predefined grid using the backpack mounted magnetometer and a time stamped magnetic field reading was continuously taken every 0.5 seconds.

A base station (GSM-19 Overhuaser magnetometer) was setup 200 m from the camp and was operated during the ground magnetic survey. The base station would record the magnetic field every 5 seconds for the duration of the ground magnetic survey. Using both the raw data from the base station and the ground rover, a diurnal correction was done using the Gem link systems software. The diurnal correction removes the daily changes in the magnetic field caused by the solar outputs and helps to highlight only the changes in the magnetic field caused by changes in the underlying geology.

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 their 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. The mapped intrusion in the southern portion of the claims is bounded to the north by a northeast trending structure which 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 area of the 2013 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 in the Zone-1 area by Goldstrike Resources in 2011 and 2012 (internal reports) returned a number of highly anomalous gold in soil results including but not limited to 703.7, 112.3 and 69.4 ppb Au directly within the target area of the 2013 trenching program. Soil samples were also elevated in a number of elements including Pb, Sb, Mo, Ag, Ba and Hg. A follow up hand dug pit in the spring of 2012 over one of the anomalous sample sites returned a gold value of 1.4 g/t Au from a subcrop rock sample described as highly altered quartz mica schist with quartz stringers with gray sulphides and hornblende crystals along some of the cleavage planes. The sample was taken at 0.5m depth from a hand dug pit as that was max depth achieved due to frozen ground conditions at the time. The pit was left open and was resampled later in the fall of 2012 after being allowed to thaw over the summer. A second sample was taken at 0.7 m and returned no significant gold value. The pit was again deepened to 0.9m and sampled and again did not

return any significant gold results. A final attempt was made to deepen the pit by hand and a depth of 1.1m was achieved. That sample (1241855) returned a result of 41.7 g/t gold including 10.5 g/t Ag, 703 ppm Pb, 86.5 ppm Sb, 333.5 ppm Mo, 1220 ppm Ba, and 3.5 ppm Hg.

A test ground magnetic survey was conducted in 2012 over the anomalous soil and rock sample areas at Zone-1 to determine if a possible structure could be outlined. A roughly east / west structure was proposed by Earthworks Geophysics from Vancouver and this was considered when laying out the 2013 trenching program.

The 2013 trenching program that is the focus of this report resulted in 27 trench samples returning gold values over 100ppb Au with 8 of those samples being greater than 500ppb Au. In trenching there was a total of 21 meters of trench that returned over half a gram per ton gold **(not consecutive samples but total meters sampled**) with one pit sample returning 5.4 g/t Au. The Candig mini excavator was effective when trenching non frozen ground but limited in ability to trench frozen ground at Lucky Strike and was rarely able to reach depths of greater than 0.75 or 1m and occasionally limited to 0.5 meter.

Gold results within the sampling area are strongly associated with silver, lead, antimony, molybdenum and barium + / - Mercury. No evidence can be given for the presence of the interpreted structure from the 2012 geophysical survey at this time.

The 2013 ground geophysical survey was successful in highlighting a change in ground magnetics possibly outlining a change in lithology however the survey is currently insufficient in size to draw any real conclusions. Analysis of the geochemistry from the soil sampling along with field observations would imply a possible northwest contact or mineralized structure trending through the 2013 soil sample grid area. It appears there is a gradational change from gneisses to the south to a quartz mica schist / biotite + / - hornblende schist to the north.

8.2 CONCLUSION

- Zone-1 on The Lucky Strike property has received approximately 11 days of exploration work to date. Despite lacking any significant outcrop or having any significant historical work numerous gold bearing rock samples have been discovered within a small area in a relatively short period of time indicating the possible presence of a buried mineralized system.

- The 2013 Zone-1 trenching program at Lucky Strike has advanced the property significantly by showing that auriferous gold bearing rocks with consistently similar geochemistry can be found within a close proximity to anomalous soil sample locations. Gold appears to be associated with quartz veining, brecciation with silica and feldspar alteration indicating that structurally controlled fluid pathways may be controlling mineralization. The influence of nearby intrusions on mineralization is unknown but needs further investigations.

- Difficulty in repeating sample grades at depths less than 1m and the fact that the highest gold grades occur at depths greater than 1m suggest that the intense weathering seen in trenches and the combined effects of factors like soil creep, frost heave and slumping caused by forest fires melting permafrost (*The Yukon Permafrost Knowledge Network* website, 2013) may have played a role in at least moderate ground disturbance and future sampling must be timed to reach the greatest possible depths to avoid contamination by mechanical surface mixing.

- This area of the Yukon was not affected by the last glaciation and thus the anomalous soils should be fairly representative of the underlying bedrock. Despite the 2013 soil sampling survey rarely reaching the desired “C” horizon or “at least 1m depth” due to frozen ground or rock fragments transported down slope by soil creep and slumping etc, gold pathfinder elements do show good continuity, correlate well with geophysics and appear reliable despite having moderately low gold values.

- Many similarities can be drawn between Zone-1 at Lucky Strike and neighboring deposits and discoveries including host rocks, age, alteration, brecciation, inferred structure, proximity to intrusions, gold grades and associated mineralogy.

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

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

9.0 RECOMMENDATIONS

The focus of a follow up exploration program at Lucky Strike should include the following quartz mineral claims, LUCKY, 5, 7, 9, 13, 14, Strike 15 to 18 and Strike 109 to 114,(15 quartz claims in total), See exploration target map in Appendix V. 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. Line cutting in a northeast direction over the above mentioned 15 quartz mining claims. Cut lines should be spaced every 50m. Lines only need to be a walkable line to allow a ground geophysical survey to pass without hindrance. The total line length would be approximately 67.5 km. Much of the area should be fast going and an estimate for a crew of 6 would be approximately 10 days to establish all corridors.
2. A walking ground magnetometer and VLF survey along the established grid is recommended. A crew of 2 would require approximately 10 days to complete the survey.
3. A detailed tightly gridded (25m sample spacing on 50m line spacing) soil sampling survey is recommended over the established grid. This survey should be undertaken as late in the season as possible to allow for a maximum depth of thaw. An estimation of approximately 3000 samples would be needed and a crew of 6 would require approximately 14 days to complete this survey.
4. A follow up pit sampling program on anomalous soil sample sites with a 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 pits should remain open until the following season when all analysis has been completed. This would require approximately a crew of 4 for 14 days at 200 samples total.
5. Reconnaissance mapping over the entire property based on 200m spaced traverse lines by geologists and prospectors. 4 crew for 14 days at 200 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.

6. Detailed mapping in the Zone-1 area based on any rock outcrop, pit sample geology, ground magnetics and structural interpretation based on VLF survey information, 14 days with a crew of 2.

The estimated budget for a follow up program on Lucky Strike is approximately $430,100. This is just a guide and actual costs will differ when a detailed program is laid out, see Table 7 for details of the estimated budget for the follow up program.

	ESTIMATED BUDGET FOR FOLLOW UP PROGRAM			
ITEM	DESCRIPTION	TIME	UNIT AMOUNT	$ AMOUNT
1	LINE CUTTING	10 DAYS	67.5 km	$ 30,000.00
2	GEOPHYSICS	10 DAYS	67.5 km	$ 20,000.00
3	SOIL SAMPLING	14 DAYS	3000 samples	$ 110,000.00
4	PIT SAMPLING	14 DAYS	200 samples	$ 55,000.00
5	MAPPING & PROSPECTING	14 DAYS	200 samples	$ 46,000.00
6	ZONE 1 MAPPING	14 DAYS	50 samples	$ 15,000.00
	HELICOPTER & FUEL		50 hrs	$ 100,000.00
	FIXED WING AIRCRAFT		10 trips	$ 15,000.00
			SUBTOTAL	$ 391,000.00
	CONTIGENCY @ 10%			$ 39,100.00
			TOTAL	**$ 430,100.00**

Table 7: Estimated Budget for Follow up Exploration Program

Respectfully submitted,

Daithi Mac Gearailt, B.Sc.

December 21st 2013

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,
867-993-6155

Do hereby certify that:

1. I am a mineral exploration geologist with over 7 years of experience working in Ireland, Yukon Territory and Alaska.
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.

Daithi Mac Gearailt.

DATE: 21 December 2013

APPENDIX I

CERTIFICATES OF ANALYSIS

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

www.acmelab.com

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

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: August 09, 2013
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI13000042.1

CLIENT JOB INFORMATION

Project: Lucky Strike
Shipment ID: LUC_SOIL_2013_1
P.O. Number
Number of Samples: 249

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	251	Dry at 60C			WHI
SS80	251	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	251	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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

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

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1237701	Soil	2.0	31.3	17.2	90	<0.1	30.5	9.3	222	3.37	17.3	3.2	8.2	19	<0.1	0.9	0.3	56	0.11	0.043	19
1237702	Soil	1.4	35.2	42.0	82	0.3	29.6	9.7	322	3.15	12.4	<0.5	7.3	29	0.2	0.7	0.2	62	0.29	0.067	18
1237703	Soil	1.6	68.4	18.5	214	<0.1	64.6	19.4	605	5.29	14.5	7.4	28.6	18	0.2	0.3	0.3	98	0.40	0.166	67
1237704	Soil	1.6	47.2	54.5	94	0.4	34.3	11.5	460	3.03	15.3	5.8	9.1	28	0.2	0.7	0.2	47	0.25	0.042	22
1237705	Soil	1.4	39.0	29.6	90	0.1	28.7	7.8	257	2.71	19.0	2.6	10.9	25	0.1	0.7	0.3	37	0.18	0.043	24
1237706	Soil	3.6	66.8	49.8	150	0.4	58.1	15.1	587	4.10	42.1	37.5	8.7	41	0.2	2.8	0.3	74	0.25	0.078	21
1237707	Soil	2.2	46.4	38.7	75	0.2	32.7	10.7	457	2.07	23.2	4.6	5.5	27	0.1	1.2	0.2	43	0.19	0.049	12
1237708	Soil	2.0	41.8	18.4	192	0.4	79.6	13.5	545	3.72	20.3	4.9	3.9	63	0.3	1.2	0.2	62	2.27	0.072	14
1237709	Soil	2.6	40.9	27.8	151	0.3	66.2	13.2	681	3.62	21.8	6.3	4.8	35	0.4	1.3	0.2	64	0.53	0.045	16
1237710	Soil	7.2	43.8	48.9	588	0.9	210.6	24.1	3317	7.88	58.5	6.9	3.6	28	2.5	2.9	0.3	73	0.27	0.121	12
1237711	Soil	8.5	66.4	17.5	70	0.2	21.6	11.7	312	3.22	34.5	9.3	9.6	30	0.2	1.8	0.2	71	0.17	0.046	25
1237712	Soil	7.1	75.4	27.5	32	0.2	12.3	5.0	209	2.29	24.6	<0.5	3.6	24	<0.1	1.3	0.2	52	0.17	0.024	8
1237713	Soil	3.8	57.2	30.1	36	<0.1	15.7	7.6	214	2.62	25.5	3.2	6.7	41	<0.1	1.1	0.3	59	0.15	0.021	16
1237714	Soil	1.7	30.6	19.9	48	0.1	18.6	8.3	206	2.55	12.6	1.9	8.3	22	<0.1	0.7	0.2	47	0.14	0.022	16
1237715	Soil	1.3	24.1	13.1	52	0.1	23.6	9.5	262	2.96	12.7	0.7	5.8	19	<0.1	0.6	0.2	62	0.15	0.022	13
1237716	Soil	5.4	44.4	48.7	58	0.1	25.1	10.3	241	3.25	13.2	3.6	9.5	23	<0.1	0.8	0.4	57	0.15	0.030	24
1237717	Soil	2.8	35.7	15.9	58	0.1	18.9	5.7	143	3.14	26.1	<0.5	7.7	23	<0.1	0.7	0.2	66	0.08	0.029	16
1237718	Soil	7.8	51.9	47.7	39	<0.1	11.4	3.6	73	2.74	26.8	0.8	13.0	18	<0.1	0.7	0.4	70	0.04	0.020	16
1237719	Soil	2.1	32.1	16.3	50	<0.1	18.0	7.5	153	2.75	13.8	2.1	6.6	17	<0.1	0.8	0.2	62	0.11	0.018	13
1237720	Soil	1.9	32.6	15.9	44	<0.1	15.3	6.4	126	2.46	18.2	1.3	6.5	22	<0.1	0.8	0.1	65	0.12	0.018	13
1237721	Soil	1.4	32.7	14.7	54	0.1	23.0	10.9	384	3.06	13.2	2.6	5.9	26	<0.1	0.7	0.2	72	0.25	0.019	17
1237722	Soil	1.8	28.8	16.0	46	<0.1	15.4	6.6	155	2.40	12.5	2.2	5.7	20	<0.1	0.7	0.1	62	0.13	0.018	14
1237723	Soil	1.5	29.8	13.6	48	<0.1	19.4	10.5	329	2.79	11.9	2.4	5.8	27	<0.1	0.6	0.2	70	0.26	0.015	18
1237724	Soil	1.3	37.3	15.1	57	0.1	23.9	8.0	196	2.79	11.5	1.3	6.2	23	0.1	0.6	0.3	66	0.18	0.021	16
1237725	Soil	1.3	39.4	13.0	41	<0.1	17.4	6.6	212	2.29	14.0	3.3	7.1	27	<0.1	0.7	0.2	54	0.22	0.020	19
1237726	Soil	1.5	44.6	15.3	51	<0.1	24.4	9.6	228	2.81	15.1	5.9	7.9	25	<0.1	0.8	0.2	63	0.22	0.020	23
1237727	Soil	2.9	38.7	20.1	55	0.1	18.0	7.2	251	3.15	18.4	11.0	7.1	15	<0.1	0.7	0.3	62	0.12	0.034	13
1237728	Soil	2.2	65.0	32.4	58	0.1	25.0	10.1	279	3.16	14.6	3.1	11.2	21	0.1	0.6	0.2	53	0.11	0.025	25
1237729	Soil	5.1	57.6	35.2	43	0.1	19.0	6.7	194	2.75	39.4	6.4	5.3	34	0.1	2.5	0.3	71	0.16	0.030	14
1237730	Soil	13.1	70.7	51.3	39	0.2	15.1	6.3	170	2.69	46.4	3.7	4.4	29	<0.1	2.3	0.6	79	0.10	0.030	10

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Project: Lucky Strike
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CERTIFICATE OF ANALYSIS WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	0.1	0.05	1	0.5	0.2
1237701	Soil	32	0.34	182	0.055	2	1.11	0.006	0.16	<0.1	0.04	3.4	0.2	<0.05	4	1.0	<0.2
1237702	Soil	33	0.48	267	0.075	3	1.30	0.013	0.13	0.2	0.04	5.8	0.2	<0.05	4	0.7	<0.2
1237703	Soil	53	0.82	223	0.217	2	2.02	0.007	1.30	<0.1	0.07	6.5	1.5	<0.05	8	1.0	<0.2
1237704	Soil	26	0.31	218	0.040	2	0.95	0.009	0.18	0.1	0.09	5.3	0.3	<0.05	4	1.2	<0.2
1237705	Soil	21	0.23	110	0.029	3	0.82	0.005	0.16	<0.1	0.07	4.6	0.3	<0.05	3	0.7	<0.2
1237706	Soil	48	0.33	317	0.026	3	1.04	0.006	0.22	0.1	0.23	7.6	0.3	0.06	4	1.2	<0.2
1237707	Soil	20	0.21	385	0.018	2	0.99	0.006	0.08	<0.1	0.09	5.1	0.3	<0.05	3	<0.5	<0.2
1237708	Soil	30	0.65	333	0.073	2	1.32	0.030	0.06	0.2	0.08	5.3	0.2	<0.05	4	0.6	<0.2
1237709	Soil	31	0.52	397	0.066	2	1.34	0.023	0.05	0.2	0.09	6.5	0.1	<0.05	4	0.6	<0.2
1237710	Soil	27	0.37	979	0.033	2	1.27	0.014	0.04	0.1	0.34	8.3	1.5	<0.05	5	1.5	<0.2
1237711	Soil	29	0.26	345	0.034	2	1.01	0.008	0.06	0.1	0.14	6.2	0.2	<0.05	4	1.9	0.3
1237712	Soil	23	0.23	292	0.019	2	1.11	0.004	0.05	0.1	0.04	2.6	<0.1	<0.05	4	2.3	<0.2
1237713	Soil	33	0.33	293	0.038	2	1.27	0.009	0.06	0.1	0.05	8.5	<0.1	<0.05	4	0.7	<0.2
1237714	Soil	26	0.30	277	0.036	2	1.30	0.006	0.07	0.1	0.02	4.5	<0.1	<0.05	4	0.7	<0.2
1237715	Soil	37	0.47	257	0.052	2	1.71	0.008	0.06	0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1237716	Soil	35	0.38	287	0.056	2	1.33	0.008	0.13	<0.1	0.06	5.9	0.2	<0.05	4	0.6	<0.2
1237717	Soil	37	0.33	185	0.050	1	1.27	0.005	0.10	<0.1	0.02	4.2	0.1	<0.05	5	1.3	<0.2
1237718	Soil	33	0.13	135	0.020	<1	0.85	0.003	0.05	<0.1	0.02	5.0	<0.1	<0.05	4	1.0	<0.2
1237719	Soil	31	0.28	179	0.055	<1	1.43	0.007	0.04	<0.1	0.03	3.9	<0.1	<0.05	4	0.8	0.2
1237720	Soil	30	0.26	194	0.041	<1	1.24	0.006	0.04	<0.1	0.03	3.7	<0.1	<0.05	4	0.8	<0.2
1237721	Soil	41	0.50	352	0.066	2	1.82	0.013	0.05	0.2	0.04	6.5	0.1	<0.05	6	0.6	<0.2
1237722	Soil	29	0.28	209	0.049	1	1.31	0.007	0.04	<0.1	0.02	3.4	0.1	<0.05	4	<0.5	<0.2
1237723	Soil	40	0.53	359	0.069	1	1.87	0.013	0.04	0.2	0.05	7.0	0.1	<0.05	6	0.9	<0.2
1237724	Soil	35	0.46	366	0.059	<1	1.67	0.008	0.06	<0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1237725	Soil	29	0.39	367	0.049	1	1.23	0.010	0.04	0.1	0.05	5.2	0.1	<0.05	4	0.7	<0.2
1237726	Soil	38	0.47	338	0.062	1	1.62	0.011	0.05	0.1	0.08	7.7	<0.1	<0.05	4	0.6	<0.2
1237727	Soil	29	0.34	218	0.038	1	1.56	0.005	0.10	<0.1	0.01	4.2	0.2	<0.05	6	<0.5	<0.2
1237728	Soil	33	0.43	253	0.082	1	1.63	0.007	0.26	<0.1	0.02	5.1	0.3	<0.05	5	<0.5	0.2
1237729	Soil	38	0.32	501	0.046	<1	1.45	0.008	0.04	0.1	0.11	6.1	0.1	<0.05	5	1.4	<0.2
1237730	Soil	32	0.25	331	0.039	<1	1.18	0.005	0.04	0.1	0.07	4.2	<0.1	<0.05	5	2.1	0.3

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1237731	Soil	2.1	57.4	35.7	144	0.2	59.5	14.6	362	5.41	23.9	2.6	13.6	21	0.1	1.8	0.3	88	0.20	0.084	33
1237732	Soil	1.3	21.2	20.6	85	0.3	24.9	10.3	470	2.99	13.8	1.7	5.5	19	0.1	0.8	0.2	62	0.18	0.088	19
1237733	Soil	1.4	51.5	14.1	68	0.2	29.8	10.8	294	3.06	13.8	8.9	7.6	25	<0.1	0.9	0.4	67	0.22	0.049	25
1237734	Soil	2.4	46.3	29.9	70	0.2	22.2	6.3	226	2.71	17.3	8.5	13.5	39	<0.1	1.2	0.4	52	0.07	0.049	33
1237735	Soil	1.7	28.7	23.4	85	0.3	25.5	11.1	668	2.70	12.7	2.4	5.2	26	0.2	0.6	0.3	67	0.20	0.063	17
1237736	Soil	1.4	41.0	21.3	161	0.3	26.7	13.4	3278	2.58	11.7	1.4	7.4	23	0.6	0.4	0.3	55	0.18	0.096	27
1237737	Soil	1.9	54.2	78.3	101	0.1	33.8	13.2	363	3.52	12.6	2.6	10.3	22	0.1	0.4	0.2	63	0.11	0.058	22
1237738	Soil	1.3	55.8	29.7	100	<0.1	44.3	9.6	310	3.77	7.9	6.7	11.7	31	0.1	0.4	1.1	69	0.17	0.062	41
1237739	Soil	2.3	27.2	16.2	63	<0.1	19.3	6.0	278	3.05	13.9	3.2	9.3	13	<0.1	0.5	0.2	51	0.09	0.033	13
1237740	Soil	1.7	31.7	20.5	66	0.1	24.3	8.6	434	2.88	19.7	5.0	7.4	21	<0.1	1.0	0.2	52	0.13	0.032	21
1237741	Soil	1.9	25.1	18.5	69	0.2	34.7	13.5	316	3.21	17.0	1.6	3.3	19	0.1	1.3	0.2	71	0.19	0.028	9
1237742	Soil	1.9	22.0	14.3	59	0.2	22.6	10.3	589	2.85	17.4	2.1	2.2	18	0.2	1.0	0.2	68	0.18	0.036	9
1237743	Soil	1.5	30.8	15.6	50	0.1	27.5	11.5	223	2.82	16.7	3.1	3.5	13	0.1	1.0	0.2	65	0.11	0.018	10
1237744	Soil	2.2	42.3	29.7	50	<0.1	23.1	8.9	218	2.61	20.2	11.2	5.2	18	0.1	1.7	0.2	61	0.13	0.019	16
1237745	Soil	4.5	43.3	46.1	33	0.2	15.3	5.9	156	2.27	28.1	11.0	3.6	30	<0.1	2.0	0.2	60	0.14	0.033	14
1237746	Soil	6.4	47.8	53.3	32	0.2	11.0	4.1	127	2.19	38.2	3.5	2.5	26	<0.1	2.5	0.2	66	0.08	0.035	10
1237747	Soil	3.0	34.5	29.8	41	<0.1	17.0	7.2	188	2.39	19.2	6.1	4.6	22	<0.1	1.7	0.2	65	0.14	0.017	15
1237748	Soil	1.2	40.7	17.7	70	<0.1	22.9	9.6	207	2.95	12.1	3.4	9.0	20	<0.1	0.6	0.2	57	0.13	0.017	20
1237749	Soil	1.2	48.4	12.9	75	<0.1	33.4	10.1	284	3.09	27.2	5.5	8.2	29	<0.1	0.9	0.2	55	0.23	0.032	19
1237750	Soil	1.2	30.2	13.0	56	<0.1	26.7	9.5	233	3.05	14.0	5.2	5.3	17	<0.1	0.6	0.2	68	0.15	0.018	14
1237751	Soil	1.6	48.5	15.3	138	0.2	46.0	13.4	436	4.40	19.2	3.1	16.5	27	0.1	0.5	0.4	64	0.19	0.081	35
1237752	Soil	1.6	48.3	23.6	112	<0.1	40.4	10.9	289	3.12	20.7	5.0	12.8	23	0.2	0.7	0.2	55	0.11	0.044	30
1237753	Soil	2.0	39.2	26.6	72	0.1	23.6	10.1	309	2.33	25.9	6.6	12.3	47	<0.1	0.5	0.2	43	0.14	0.051	25
1237754	Soil	1.4	20.8	22.8	47	0.1	17.1	8.4	270	1.84	22.9	2.8	11.4	46	<0.1	0.6	0.2	40	0.20	0.050	19
1237755	Soil	2.1	42.6	21.6	107	<0.1	36.2	10.5	840	2.74	11.8	6.5	18.3	31	<0.1	0.5	0.2	42	0.12	0.044	43
1237756	Soil	1.7	34.4	44.4	90	0.1	49.1	9.4	701	2.32	16.5	10.0	7.9	42	0.2	0.7	0.2	30	0.14	0.037	17
1237757	Soil	1.6	20.7	15.5	121	0.2	48.2	7.9	1236	1.87	20.3	6.8	4.0	153	0.5	1.0	<0.1	30	16.28	0.037	11
1237758	Soil	2.2	52.3	186.6	256	0.3	80.2	15.1	1576	4.46	39.5	7.0	7.3	32	0.4	1.7	0.6	70	0.37	0.044	24
1237759	Soil	2.3	32.2	112.9	380	0.3	120.7	13.8	1992	3.61	34.6	4.7	12.2	33	1.4	1.2	0.4	44	0.39	0.057	49
1237760	Soil	1.5	66.9	1235	1627	0.7	236.3	27.0	>10000	14.52	64.4	7.8	9.1	38	6.9	3.0	3.1	111	0.60	0.224	29

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Project: Lucky Strike
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CERTIFICATE OF ANALYSIS WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	0.1	0.05	1	0.5	0.2
1237731	Soil	52	0.60	297	0.138	2	1.99	0.007	0.63	<0.1	0.03	6.0	0.8	<0.05	7	0.5	<0.2
1237732	Soil	36	0.42	233	0.069	1	1.36	0.010	0.22	0.1	0.03	3.1	0.3	<0.05	5	<0.5	<0.2
1237733	Soil	41	0.54	331	0.078	<1	1.56	0.014	0.11	0.2	0.08	8.5	0.2	<0.05	5	0.8	<0.2
1237734	Soil	32	0.20	241	0.030	1	0.88	0.004	0.19	<0.1	0.14	5.2	0.4	<0.05	4	0.7	<0.2
1237735	Soil	32	0.35	382	0.043	1	1.45	0.008	0.09	0.2	0.04	4.7	0.2	<0.05	6	0.7	<0.2
1237736	Soil	28	0.28	468	0.046	1	1.29	0.009	0.17	<0.1	0.04	3.8	0.2	<0.05	5	<0.5	<0.2
1237737	Soil	38	0.52	226	0.118	2	1.79	0.006	0.52	<0.1	0.02	3.5	0.5	<0.05	5	<0.5	<0.2
1237738	Soil	40	0.72	271	0.169	2	1.75	0.012	0.70	<0.1	0.06	5.9	0.9	<0.05	5	<0.5	<0.2
1237739	Soil	24	0.29	157	0.039	<1	1.25	0.005	0.12	<0.1	0.03	2.4	0.2	<0.05	5	0.6	<0.2
1237740	Soil	28	0.32	227	0.032	1	1.18	0.006	0.06	<0.1	0.06	5.0	0.1	<0.05	4	0.5	<0.2
1237741	Soil	41	0.55	314	0.057	2	2.32	0.008	0.07	0.2	0.04	3.3	0.1	<0.05	6	0.8	<0.2
1237742	Soil	30	0.37	326	0.044	<1	1.73	0.007	0.04	0.2	0.04	2.4	0.2	<0.05	6	<0.5	<0.2
1237743	Soil	35	0.48	241	0.051	<1	2.07	0.007	0.05	0.1	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1237744	Soil	33	0.44	273	0.051	2	1.56	0.008	0.04	0.1	0.10	3.6	0.1	<0.05	4	<0.5	<0.2
1237745	Soil	28	0.32	344	0.041	<1	1.11	0.007	0.04	0.1	0.09	4.5	<0.1	<0.05	4	1.6	<0.2
1237746	Soil	24	0.16	249	0.031	<1	0.92	0.004	0.04	0.1	0.04	3.2	<0.1	<0.05	4	2.1	<0.2
1237747	Soil	31	0.35	231	0.051	<1	1.52	0.007	0.03	0.1	0.05	4.1	<0.1	<0.05	4	1.1	<0.2
1237748	Soil	39	0.53	216	0.085	<1	1.72	0.007	0.18	<0.1	0.01	4.0	0.3	<0.05	5	<0.5	<0.2
1237749	Soil	34	0.48	199	0.074	1	1.18	0.011	0.14	0.1	0.07	5.5	0.3	<0.05	4	<0.5	<0.2
1237750	Soil	40	0.50	230	0.068	<1	1.94	0.008	0.05	0.1	0.01	3.7	0.2	<0.05	6	0.5	<0.2
1237751	Soil	34	0.46	271	0.087	3	1.45	0.009	0.58	<0.1	0.03	7.8	0.5	<0.05	5	0.9	<0.2
1237752	Soil	30	0.35	202	0.065	2	1.19	0.006	0.35	<0.1	0.06	6.5	0.4	<0.05	5	<0.5	<0.2
1237753	Soil	23	0.19	215	0.026	2	0.80	0.004	0.25	<0.1	0.05	5.7	0.3	<0.05	3	<0.5	<0.2
1237754	Soil	20	0.13	192	0.013	1	0.68	0.005	0.11	<0.1	0.04	5.3	0.1	<0.05	3	<0.5	<0.2
1237755	Soil	23	0.24	333	0.041	2	0.93	0.004	0.29	<0.1	0.12	7.4	0.4	<0.05	4	1.2	<0.2
1237756	Soil	17	0.13	273	0.012	1	0.58	0.004	0.06	<0.1	0.18	4.9	0.2	<0.05	2	<0.5	<0.2
1237757	Soil	18	0.27	736	0.004	4	0.51	0.007	0.03	<0.1	0.14	7.9	0.2	<0.05	3	<0.5	<0.2
1237758	Soil	31	0.25	371	0.020	2	1.13	0.006	0.05	0.1	0.22	18.6	0.2	<0.05	4	<0.5	<0.2
1237759	Soil	23	0.34	744	0.009	1	1.07	0.005	0.03	<0.1	0.31	14.4	0.8	<0.05	4	<0.5	<0.2
1237760	Soil	39	1.34	5577	0.071	3	2.17	0.011	0.05	0.2	0.40	19.4	6.3	<0.05	7	<0.5	0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1237761	Soil	7.8	106.4	32.8	81	0.3	27.2	13.8	750	3.57	47.9	10.9	5.7	46	0.4	2.4	0.2	80	0.14	0.060	16
1237762	Soil	1.4	35.2	12.9	45	0.2	20.7	10.0	371	2.39	9.8	4.6	4.1	24	<0.1	0.6	0.2	60	0.20	0.023	18
1237763	Soil	2.4	34.1	26.6	46	<0.1	15.9	7.7	462	2.04	35.2	1.5	3.7	30	<0.1	1.9	0.3	39	0.15	0.038	11
1237764	Soil	4.7	52.3	17.0	72	0.1	31.1	11.4	311	3.70	12.8	2.3	7.4	19	<0.1	0.8	0.2	65	0.14	0.035	15
1237765	Soil	0.9	25.3	14.4	48	<0.1	23.0	9.0	228	2.63	11.6	6.5	5.5	20	<0.1	0.6	0.2	57	0.20	0.028	13
1237766	Soil	1.9	35.6	10.9	47	<0.1	21.0	9.3	282	2.48	17.2	3.6	8.1	20	<0.1	0.7	0.1	52	0.11	0.018	19
1237767	Soil	2.1	58.8	15.0	53	<0.1	29.3	17.3	1131	3.06	13.8	4.2	7.8	31	<0.1	0.7	0.2	72	0.28	0.020	33
1237768	Soil	1.5	36.7	10.4	62	<0.1	27.7	11.1	290	2.80	7.9	2.2	6.8	18	<0.1	0.4	0.1	59	0.15	0.017	16
1237769	Soil	1.3	45.6	14.8	66	<0.1	35.6	12.1	263	3.07	12.5	3.9	9.8	27	<0.1	0.6	0.2	74	0.24	0.015	22
1237770	Soil	3.3	35.0	12.9	43	<0.1	18.3	4.7	130	2.42	21.4	2.2	6.9	24	<0.1	0.5	0.1	64	0.12	0.019	18
1237771	Soil	2.7	34.6	15.7	31	<0.1	11.5	4.7	110	2.01	17.8	1.8	8.6	25	<0.1	0.6	0.1	49	0.08	0.022	16
1237772	Soil	1.6	26.9	13.9	44	<0.1	22.0	8.7	200	2.73	15.0	12.1	4.4	20	<0.1	0.7	0.1	65	0.21	0.037	12
1237773	Soil	2.7	38.3	15.5	41	<0.1	14.8	8.1	192	2.56	19.4	2.2	6.1	21	0.2	0.8	0.2	60	0.12	0.021	15
1237774	Soil	1.2	30.2	11.4	41	<0.1	20.0	7.9	209	2.41	12.7	2.8	5.4	22	<0.1	0.6	0.2	60	0.17	0.018	15
1237775	Soil	2.1	42.6	14.3	50	<0.1	21.6	7.9	220	2.89	15.4	6.1	8.8	23	0.1	0.8	0.2	64	0.15	0.016	26
1237776	Soil	3.5	49.2	23.4	48	<0.1	22.6	7.0	138	2.76	16.8	1.9	8.4	20	<0.1	0.8	0.2	59	0.11	0.022	14
1237777	Soil	2.2	50.6	19.9	81	<0.1	28.9	10.0	265	3.04	35.2	2.9	12.2	26	<0.1	1.0	0.2	57	0.09	0.024	19
1237778	Soil	0.9	36.8	12.0	46	0.1	26.5	8.9	317	2.61	11.6	5.2	5.6	27	<0.1	0.6	0.2	60	0.29	0.032	18
1237779	Soil	4.0	47.7	21.8	61	0.2	25.8	13.2	460	3.03	13.6	3.3	6.9	20	0.2	0.7	0.2	76	0.15	0.034	13
1237780	Soil	4.8	58.8	16.4	26	<0.1	11.2	4.1	97	1.89	22.7	4.2	4.1	36	<0.1	1.4	0.2	45	0.09	0.020	9
1237781	Soil	4.0	55.1	35.0	578	0.8	217.1	23.0	760	6.70	44.8	10.7	4.8	33	1.3	1.7	0.3	81	0.30	0.064	17
1237782	Soil	1.9	15.8	23.4	106	0.2	31.3	11.7	796	2.61	11.2	9.2	2.8	36	0.4	0.6	0.2	63	0.47	0.033	12
1237783	Soil	2.4	61.2	27.5	101	0.2	46.4	12.0	393	3.12	16.4	9.8	7.9	37	0.2	1.0	0.5	67	0.42	0.041	21
1237784	Soil	1.5	30.7	13.0	63	<0.1	29.8	11.1	312	2.60	15.6	3.5	5.6	29	<0.1	0.8	0.2	60	0.34	0.046	14
1237785	Soil	1.4	48.2	18.7	105	<0.1	30.4	8.7	365	2.68	12.2	8.6	13.3	35	<0.1	0.5	0.2	50	0.20	0.049	32
1237786	Soil	3.3	73.2	24.7	192	<0.1	73.3	18.7	446	5.24	20.7	3.7	13.2	19	<0.1	0.8	0.3	76	0.18	0.081	31
1237787	Soil	2.6	54.1	22.2	125	0.2	75.9	13.4	352	3.81	32.4	8.0	13.4	31	0.2	0.9	0.3	75	0.21	0.095	37
1237788	Soil	1.7	27.0	29.4	61	0.2	23.0	7.4	220	2.40	16.2	10.6	6.4	27	0.1	1.6	0.2	55	0.17	0.052	20
1237789	Soil	1.5	33.2	18.8	86	0.1	29.6	7.5	339	2.35	12.3	2.0	6.6	27	0.1	0.6	0.2	54	0.13	0.055	22
1237790	Soil	1.7	41.1	15.5	134	0.1	34.1	9.9	348	3.50	8.3	1.9	10.7	25	0.1	0.5	0.2	72	0.19	0.058	27

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	Analyte	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	0.1	0.05	1	0.5	0.2
1237761	Soil	31	0.15	487	0.021	1	0.92	0.006	0.04	<0.1	0.41	7.8	0.5	<0.05	4	1.9	0.3
1237762	Soil	32	0.47	374	0.050	1	1.62	0.009	0.04	<0.1	0.03	4.6	0.1	<0.05	5	<0.5	<0.2
1237763	Soil	17	0.19	248	0.019	1	0.96	0.005	0.06	<0.1	0.03	3.5	0.2	<0.05	3	<0.5	<0.2
1237764	Soil	33	0.45	263	0.070	2	1.62	0.006	0.22	0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1237765	Soil	35	0.47	210	0.052	2	1.67	0.009	0.06	0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1237766	Soil	32	0.30	280	0.035	1	1.24	0.006	0.06	<0.1	0.05	5.1	0.1	<0.05	4	<0.5	<0.2
1237767	Soil	41	0.45	546	0.051	1	1.86	0.010	0.09	<0.1	0.12	13.3	0.2	<0.05	6	<0.5	<0.2
1237768	Soil	37	0.58	206	0.100	1	1.68	0.008	0.21	<0.1	0.02	4.5	0.3	<0.05	6	<0.5	<0.2
1237769	Soil	46	0.57	778	0.083	2	1.99	0.011	0.07	0.1	0.04	8.3	0.1	<0.05	6	<0.5	<0.2
1237770	Soil	31	0.20	287	0.025	1	0.86	0.005	0.05	<0.1	0.03	4.5	<0.1	<0.05	4	<0.5	<0.2
1237771	Soil	23	0.14	143	0.025	<1	0.70	0.004	0.05	<0.1	0.02	3.0	<0.1	<0.05	3	<0.5	<0.2
1237772	Soil	32	0.46	206	0.056	1	1.65	0.008	0.05	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1237773	Soil	30	0.28	153	0.027	1	1.09	0.005	0.05	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
1237774	Soil	33	0.40	229	0.051	1	1.20	0.008	0.04	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1237775	Soil	40	0.39	346	0.046	<1	1.35	0.007	0.08	<0.1	0.04	7.0	0.1	<0.05	4	0.5	<0.2
1237776	Soil	34	0.25	264	0.040	2	1.21	0.005	0.06	<0.1	0.04	4.5	<0.1	<0.05	4	<0.5	<0.2
1237777	Soil	41	0.30	213	0.040	2	1.26	0.004	0.18	<0.1	0.06	6.3	0.2	<0.05	5	<0.5	<0.2
1237778	Soil	36	0.52	410	0.063	<1	1.47	0.014	0.05	0.1	0.05	5.7	<0.1	<0.05	5	<0.5	<0.2
1237779	Soil	35	0.42	276	0.054	<1	1.70	0.006	0.14	0.1	0.03	4.8	0.2	<0.05	6	<0.5	<0.2
1237780	Soil	24	0.19	248	0.020	<1	0.78	0.004	0.04	<0.1	0.04	3.4	<0.1	<0.05	3	1.3	<0.2
1237781	Soil	41	0.49	911	0.051	<1	1.77	0.013	0.05	<0.1	0.22	11.0	0.5	<0.05	6	<0.5	<0.2
1237782	Soil	36	0.39	480	0.042	2	1.62	0.009	0.11	0.1	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1237783	Soil	39	0.39	328	0.045	1	1.39	0.011	0.08	0.1	0.13	6.5	0.2	<0.05	4	0.8	<0.2
1237784	Soil	33	0.41	237	0.058	1	1.31	0.012	0.21	0.1	0.05	5.7	<0.1	<0.05	4	<0.5	<0.2
1237785	Soil	30	0.34	220	0.060	3	1.19	0.004	0.43	<0.1	0.09	5.7	0.4	<0.05	5	0.5	<0.2
1237786	Soil	47	0.56	230	0.127	1	1.67	0.009	0.75	<0.1	0.02	4.9	0.5	<0.05	5	0.8	<0.2
1237787	Soil	92	0.56	353	0.087	1	1.47	0.007	0.45	<0.1	0.07	6.4	0.7	<0.05	5	<0.5	<0.2
1237788	Soil	32	0.39	236	0.040	1	1.27	0.008	0.11	0.1	0.09	3.7	0.2	<0.05	4	<0.5	<0.2
1237789	Soil	31	0.30	349	0.038	<1	1.11	0.007	0.12	<0.1	0.03	4.4	0.2	<0.05	4	<0.5	<0.2
1237790	Soil	49	0.66	297	0.136	1	1.92	0.009	0.62	<0.1	0.05	5.1	0.6	<0.05	6	<0.5	<0.2

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1237791	Soil	1.9	42.5	19.5	114	0.1	44.0	12.1	266	3.97	18.1	3.4	9.8	21	0.1	0.6	0.2	62	0.15	0.057	23
1237792	Soil	0.9	34.5	11.7	63	0.1	34.5	9.8	263	2.79	10.4	7.2	5.6	21	<0.1	0.7	0.1	59	0.23	0.046	18
1237793	Soil	1.6	31.1	23.4	83	<0.1	28.1	8.4	236	2.95	19.8	2.8	8.6	24	0.2	0.8	0.2	58	0.13	0.039	18
1237794	Soil	2.9	37.8	24.4	75	0.1	23.7	8.7	358	4.37	29.0	5.8	10.5	22	0.2	0.8	0.2	66	0.11	0.057	32
1237795	Soil	1.5	23.1	14.3	56	0.1	22.8	10.8	410	2.18	10.4	1.6	5.6	23	<0.1	0.7	0.3	53	0.16	0.026	15
1237796	Soil	2.4	21.3	82.4	76	0.2	27.9	11.5	889	2.70	16.3	1.8	2.0	23	0.3	1.8	0.5	65	0.17	0.029	10
1237797	Soil	3.1	42.0	44.0	87	<0.1	36.6	12.2	356	3.17	38.0	4.0	5.1	22	0.2	4.2	0.3	71	0.16	0.028	12
1237798	Soil	4.4	37.5	70.7	59	0.2	22.9	8.5	218	2.39	30.5	4.3	2.4	23	0.2	2.5	0.3	59	0.16	0.042	15
1237799	Soil	2.9	32.0	17.3	46	<0.1	23.3	8.4	287	2.29	23.9	4.1	3.7	20	<0.1	1.4	0.2	57	0.16	0.027	13
1237800	Soil	4.4	37.8	24.5	37	0.2	16.1	5.5	121	2.13	22.7	5.4	2.6	25	<0.1	1.8	0.2	68	0.09	0.028	11
1237801	Soil	1.2	28.5	11.3	42	0.1	17.3	7.3	209	2.18	12.3	3.2	5.8	24	<0.1	0.7	0.1	53	0.20	0.021	17
1237802	Soil	2.8	42.5	34.9	59	<0.1	21.9	11.6	292	2.82	20.1	8.8	7.4	29	<0.1	1.3	0.2	62	0.16	0.024	15
1237803	Soil	3.7	32.4	38.7	56	0.2	28.1	12.6	499	2.80	17.7	6.9	3.7	33	<0.1	1.0	0.2	73	0.28	0.031	13
1237804	Soil	5.5	47.7	28.1	70	<0.1	31.1	9.8	381	2.81	25.8	6.1	7.8	37	<0.1	1.2	0.2	62	0.24	0.021	21
1237805	Soil	4.6	46.0	21.3	59	<0.1	25.3	9.6	399	2.51	28.1	7.8	4.7	28	<0.1	1.1	0.2	62	0.11	0.029	13
1237806	Soil	4.9	37.9	52.3	51	0.1	19.5	7.1	193	2.12	22.6	22.3	3.7	35	<0.1	1.4	0.2	58	0.13	0.031	13
1237807	Soil	2.7	32.8	15.1	61	0.2	27.6	10.5	391	2.49	20.3	4.2	3.5	25	0.1	0.8	0.2	63	0.19	0.034	13
1237808	Soil	2.7	40.8	27.4	148	0.1	57.8	13.5	1225	4.15	29.8	4.6	8.1	22	0.2	1.0	0.2	87	0.16	0.043	21
1237809	Soil	4.5	89.9	25.5	205	<0.1	96.9	15.5	1525	4.79	30.4	8.6	9.0	26	0.5	1.3	0.4	92	0.16	0.047	22
1237810	Soil	1.3	32.5	14.7	60	<0.1	19.1	7.8	226	2.58	9.3	4.3	8.7	18	0.1	0.5	0.2	57	0.11	0.022	19
1237811	Soil	1.3	32.4	14.1	45	0.1	20.1	7.6	234	2.50	10.0	5.8	6.9	26	<0.1	0.5	0.3	59	0.18	0.024	22
1237812	Soil	1.8	50.7	21.8	137	<0.1	41.1	10.1	221	4.25	3.3	2.8	16.9	21	0.1	0.3	0.2	79	0.07	0.045	35
1237813	Soil	1.8	40.6	20.3	86	<0.1	36.3	9.4	263	2.83	12.5	14.2	10.7	47	0.1	2.2	0.3	41	0.03	0.034	31
1237814	Soil	1.7	55.8	21.1	113	<0.1	44.4	13.9	313	4.02	16.0	5.5	16.1	22	<0.1	0.8	0.2	84	0.23	0.068	40
1237815	Soil	1.7	27.7	23.8	66	<0.1	21.3	7.7	164	3.25	12.4	3.8	9.2	21	0.1	1.2	0.2	54	0.07	0.036	25
1237816	Soil	2.3	52.0	20.8	142	<0.1	34.4	12.8	258	3.94	4.3	5.5	12.7	21	0.1	0.7	0.2	70	0.07	0.036	36
1237817	Soil	1.1	18.3	12.9	52	<0.1	22.8	10.3	258	3.19	10.9	3.4	5.7	17	0.1	0.6	0.2	69	0.13	0.022	14
1237818	Soil	2.0	18.8	13.7	53	0.2	21.6	8.8	224	3.29	11.1	3.6	4.6	14	0.1	0.7	0.3	80	0.13	0.031	12
1237819	Soil	2.3	62.9	57.0	112	<0.1	46.7	15.5	167	3.67	25.6	13.8	10.3	20	<0.1	1.9	0.4	68	0.05	0.040	21
1237820	Soil	1.0	38.9	16.0	45	<0.1	24.1	9.5	237	2.86	11.0	11.1	6.0	21	<0.1	1.0	0.2	60	0.17	0.015	24

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: August 09, 2013

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	0.1	0.05	1	0.5	0.2
1237791	Soil	43	0.62	202	0.107	<1	1.70	0.007	0.57	0.1	0.02	4.4	0.5	<0.05	5	<0.5	<0.2
1237792	Soil	35	0.55	167	0.094	2	1.58	0.010	0.19	<0.1	0.01	3.8	0.2	<0.05	4	<0.5	<0.2
1237793	Soil	34	0.38	196	0.064	1	1.51	0.006	0.22	<0.1	0.01	3.5	0.3	<0.05	5	<0.5	<0.2
1237794	Soil	32	0.26	186	0.019	2	1.25	0.006	0.07	<0.1	0.07	5.7	0.2	<0.05	4	<0.5	<0.2
1237795	Soil	30	0.31	242	0.031	<1	1.49	0.007	0.06	<0.1	0.04	3.1	0.2	<0.05	4	<0.5	<0.2
1237796	Soil	36	0.37	421	0.040	<1	1.56	0.009	0.05	0.1	0.03	2.6	0.1	<0.05	5	0.6	<0.2
1237797	Soil	45	0.42	321	0.049	2	2.26	0.009	0.05	0.1	0.05	3.2	0.1	<0.05	5	0.7	<0.2
1237798	Soil	29	0.24	390	0.029	1	1.22	0.009	0.05	0.1	0.07	2.8	0.2	<0.05	4	0.7	<0.2
1237799	Soil	33	0.41	228	0.051	<1	1.33	0.010	0.04	0.1	0.06	3.2	<0.1	<0.05	4	1.0	<0.2
1237800	Soil	31	0.30	267	0.047	<1	1.40	0.006	0.04	<0.1	0.05	2.6	0.1	<0.05	5	1.8	<0.2
1237801	Soil	30	0.38	220	0.073	<1	1.33	0.012	0.05	0.1	0.05	4.0	<0.1	<0.05	4	<0.5	<0.2
1237802	Soil	36	0.39	212	0.068	<1	1.81	0.007	0.10	<0.1	0.05	4.5	0.1	<0.05	5	<0.5	<0.2
1237803	Soil	38	0.38	320	0.068	<1	1.84	0.013	0.04	0.1	0.03	4.4	0.1	<0.05	6	0.8	<0.2
1237804	Soil	37	0.40	363	0.078	<1	1.64	0.012	0.10	0.1	0.15	7.8	0.2	<0.05	5	0.6	<0.2
1237805	Soil	29	0.25	266	0.051	<1	0.98	0.007	0.04	0.1	0.09	4.2	0.1	<0.05	3	1.1	<0.2
1237806	Soil	27	0.26	287	0.046	<1	0.99	0.007	0.04	0.1	0.07	3.2	0.1	<0.05	3	1.0	<0.2
1237807	Soil	33	0.35	370	0.052	<1	1.42	0.009	0.05	0.2	0.07	3.2	0.2	<0.05	5	1.0	<0.2
1237808	Soil	35	0.30	343	0.029	1	1.43	0.005	0.06	<0.1	0.19	8.2	0.3	<0.05	5	<0.5	<0.2
1237809	Soil	40	0.34	461	0.037	1	1.47	0.009	0.06	0.1	0.35	14.2	0.1	<0.05	5	0.7	<0.2
1237810	Soil	32	0.40	215	0.058	1	1.32	0.006	0.11	<0.1	0.05	4.2	0.2	<0.05	4	<0.5	<0.2
1237811	Soil	34	0.39	299	0.051	2	1.52	0.010	0.05	0.1	0.08	7.4	0.1	<0.05	5	<0.5	<0.2
1237812	Soil	50	0.68	367	0.171	1	1.92	0.006	0.94	<0.1	0.07	6.4	0.8	<0.05	7	<0.5	<0.2
1237813	Soil	19	0.07	312	0.006	2	0.56	0.002	0.08	<0.1	0.29	5.8	<0.1	<0.05	2	<0.5	<0.2
1237814	Soil	45	0.59	414	0.125	<1	1.68	0.008	0.44	<0.1	0.22	7.3	0.7	<0.05	6	<0.5	<0.2
1237815	Soil	29	0.32	215	0.047	2	1.44	0.005	0.18	<0.1	0.04	3.8	0.2	<0.05	5	<0.5	<0.2
1237816	Soil	42	0.63	347	0.158	1	1.96	0.005	0.77	<0.1	0.07	5.7	0.6	<0.05	7	1.3	<0.2
1237817	Soil	39	0.55	260	0.073	<1	2.09	0.008	0.06	0.1	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1237818	Soil	39	0.49	196	0.074	2	2.24	0.009	0.06	0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1237819	Soil	41	0.47	214	0.087	1	2.10	0.005	0.34	<0.1	0.04	3.9	0.5	<0.05	6	0.9	<0.2
1237820	Soil	39	0.52	284	0.066	<1	1.76	0.016	0.05	0.1	0.13	10.7	<0.1	<0.05	5	<0.5	<0.2

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	Analyte	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
1237821	Soil	2.4	67.7	29.7	148	<0.1	59.0	20.3	310	4.94	13.6	8.0	16.2	16	<0.1	1.0	0.3	84	0.04	0.043	36
1237822	Soil	1.4	46.5	26.0	56	0.1	31.0	10.6	298	3.02	13.9	3.4	6.9	38	<0.1	1.0	0.2	65	0.41	0.036	19
1237823	Soil	1.0	31.9	11.3	46	<0.1	20.0	7.5	209	2.32	10.6	2.5	5.5	31	<0.1	0.7	0.1	53	0.31	0.035	17
1237824	Soil	2.0	55.6	18.9	89	<0.1	31.6	10.0	324	3.50	16.7	0.7	15.6	43	<0.1	0.7	0.2	72	0.14	0.044	41
1237825	Soil	3.5	53.3	16.3	50	<0.1	22.4	9.2	346	2.54	25.4	1.9	6.2	34	<0.1	1.3	0.2	62	0.19	0.028	16
1237826	Soil	3.1	41.6	20.7	53	0.1	21.9	9.2	276	2.55	25.0	4.7	4.9	22	0.1	1.5	0.2	63	0.15	0.024	12
1237827	Soil	5.1	54.2	80.8	44	<0.1	18.7	6.7	162	2.47	48.2	11.3	4.0	42	<0.1	2.6	0.4	65	0.13	0.038	11
1237828	Soil	2.7	73.5	35.3	68	0.2	36.4	14.0	418	3.52	25.9	5.3	7.4	37	<0.1	1.9	0.3	83	0.27	0.024	34
1237829	Soil	3.2	50.1	18.4	107	<0.1	50.2	17.5	826	3.64	23.4	7.7	6.8	25	0.2	1.2	0.2	74	0.20	0.026	20
1237830	Soil	2.1	52.1	17.4	145	0.3	75.0	23.9	1486	4.54	19.8	6.1	4.8	39	0.2	1.3	0.2	76	0.41	0.045	17
1237831	Soil	2.1	44.2	15.2	162	<0.1	53.2	17.6	413	4.70	7.6	<0.5	12.9	15	<0.1	0.4	0.2	86	0.16	0.095	21
1237832	Soil	1.2	42.1	15.8	64	0.1	34.0	10.3	459	3.29	14.5	4.1	7.4	29	<0.1	1.0	0.2	70	0.23	0.020	19
1237833	Soil	1.3	45.9	24.7	109	<0.1	36.1	8.8	195	2.96	10.2	70.0	9.1	19	<0.1	0.6	1.9	57	0.07	0.029	28
1237834	Soil	1.6	47.1	27.3	98	<0.1	24.5	6.8	143	2.51	7.4	2.1	11.4	20	<0.1	0.3	0.4	58	0.04	0.030	22
1237835	Soil	2.0	37.4	20.2	63	<0.1	35.5	15.7	314	2.62	16.6	5.1	12.9	25	<0.1	0.9	0.3	51	0.04	0.030	28
1237836	Soil	2.2	57.0	16.1	196	<0.1	84.1	19.7	853	4.27	20.3	13.1	11.4	42	0.2	2.2	0.2	57	0.02	0.046	27
1237837	Soil	2.2	42.5	31.3	57	<0.1	22.8	8.0	216	2.53	23.8	12.9	9.7	28	0.1	2.0	0.4	42	0.09	0.041	22
1237838	Soil	1.6	38.9	16.8	77	<0.1	28.0	11.6	243	3.25	15.4	8.0	8.2	22	0.1	0.8	0.2	66	0.14	0.036	25
1237839	Soil	1.8	56.6	15.9	135	<0.1	56.7	16.2	375	4.26	17.1	11.7	13.7	21	0.2	0.9	0.3	64	0.14	0.048	28
1237840	Soil	3.6	41.0	27.6	106	0.2	33.7	8.5	215	3.64	17.3	10.7	10.5	20	0.1	0.8	0.2	55	0.04	0.057	26
1237841	Soil	3.0	53.9	37.7	112	0.1	46.5	11.0	202	4.23	28.9	31.0	11.5	17	0.1	1.5	0.3	66	0.05	0.044	22
1237842	Soil	2.6	44.2	25.2	53	0.1	26.4	9.3	254	2.88	13.3	36.2	8.3	21	0.1	2.4	0.2	58	0.14	0.026	29
1237843	Soil	1.8	47.3	19.6	80	<0.1	32.0	9.2	223	3.23	21.0	1.3	9.8	32	0.1	0.8	0.2	65	0.26	0.032	20
1237844	Soil	1.5	38.9	12.5	66	<0.1	25.6	8.4	263	2.90	14.1	1.9	8.6	29	<0.1	0.7	0.2	56	0.25	0.040	23
1237845	Soil	1.5	41.8	26.0	60	<0.1	28.2	11.6	358	3.17	16.6	4.1	6.4	36	<0.1	1.0	0.3	66	0.35	0.033	19
1237846	Soil	2.8	48.4	20.3	60	<0.1	28.0	10.9	293	3.08	22.6	8.1	6.5	29	0.1	1.4	0.3	72	0.23	0.018	18
1237847	Soil	2.2	34.3	19.0	40	<0.1	17.0	6.4	192	2.32	23.6	4.5	4.3	27	<0.1	1.2	0.2	63	0.19	0.036	14
1237848	Soil	5.6	53.5	24.7	31	<0.1	11.8	4.7	97	2.03	38.5	4.6	4.2	32	0.1	1.6	0.3	61	0.07	0.031	10
1237849	Soil	1.9	45.6	22.4	45	<0.1	23.0	7.7	210	2.56	20.3	7.7	4.6	25	<0.1	0.9	0.2	64	0.21	0.029	18
1237850	Soil	4.3	46.0	19.9	74	<0.1	31.9	9.2	268	2.79	30.3	2.2	1.4	20	0.3	1.7	0.3	60	0.09	0.046	11

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	0.1	0.05	1	0.5	0.2
1237821	Soil	46	0.48	230	0.100	<1	1.82	0.006	0.49	<0.1	0.07	6.6	0.5	<0.05	6	<0.5	<0.2
1237822	Soil	39	0.50	381	0.087	2	1.71	0.019	0.06	0.2	0.09	6.7	<0.1	<0.05	5	<0.5	<0.2
1237823	Soil	31	0.47	255	0.082	1	1.32	0.016	0.05	0.1	0.06	4.7	<0.1	<0.05	4	<0.5	<0.2
1237824	Soil	49	0.65	238	0.114	<1	1.55	0.008	0.63	<0.1	0.07	7.1	0.5	0.06	6	0.9	<0.2
1237825	Soil	30	0.28	294	0.072	1	1.13	0.011	0.04	0.1	0.07	5.6	0.1	<0.05	4	0.6	<0.2
1237826	Soil	31	0.33	233	0.069	<1	1.31	0.009	0.04	0.1	0.08	4.2	0.1	<0.05	4	1.7	<0.2
1237827	Soil	29	0.27	346	0.035	<1	1.22	0.006	0.03	0.1	0.13	4.1	0.2	<0.05	4	1.6	0.2
1237828	Soil	49	0.50	609	0.079	<1	2.02	0.013	0.06	0.2	0.25	13.6	0.1	<0.05	6	0.7	<0.2
1237829	Soil	45	0.43	683	0.071	<1	1.90	0.009	0.05	0.1	0.25	8.7	0.3	<0.05	5	<0.5	<0.2
1237830	Soil	39	0.61	487	0.078	<1	1.65	0.031	0.06	0.2	0.23	6.8	0.2	<0.05	5	<0.5	<0.2
1237831	Soil	46	0.41	136	0.096	1	1.49	0.005	0.47	<0.1	0.02	5.5	0.4	<0.05	5	0.5	<0.2
1237832	Soil	43	0.52	396	0.075	2	1.88	0.016	0.06	0.1	0.15	9.9	0.1	<0.05	5	<0.5	<0.2
1237833	Soil	36	0.48	244	0.122	<1	1.80	0.005	0.45	<0.1	0.09	4.9	0.5	<0.05	5	0.5	<0.2
1237834	Soil	34	0.35	256	0.084	<1	1.64	0.003	0.35	<0.1	0.02	4.1	0.5	<0.05	6	<0.5	<0.2
1237835	Soil	25	0.12	198	0.012	<1	0.85	0.003	0.06	<0.1	0.12	5.1	0.1	<0.05	3	0.5	<0.2
1237836	Soil	27	0.03	243	0.002	<1	0.35	0.002	0.07	<0.1	0.22	7.3	0.1	<0.05	2	1.5	<0.2
1237837	Soil	22	0.22	228	0.034	2	0.81	0.004	0.14	<0.1	0.20	5.3	0.3	<0.05	3	0.8	<0.2
1237838	Soil	38	0.52	313	0.081	<1	1.81	0.009	0.20	0.2	0.06	5.0	0.3	<0.05	5	<0.5	<0.2
1237839	Soil	37	0.35	258	0.052	2	1.22	0.007	0.19	<0.1	0.12	8.8	0.2	<0.05	5	0.9	<0.2
1237840	Soil	29	0.24	176	0.038	<1	1.19	0.003	0.27	<0.1	0.03	3.3	0.4	<0.05	4	<0.5	<0.2
1237841	Soil	35	0.40	189	0.069	1	1.68	0.005	0.29	0.2	0.08	4.6	0.5	<0.05	5	1.1	<0.2
1237842	Soil	36	0.46	340	0.049	<1	1.73	0.012	0.09	0.1	0.19	7.2	0.1	<0.05	4	0.7	<0.2
1237843	Soil	40	0.47	242	0.091	<1	1.45	0.014	0.21	<0.1	0.06	6.5	0.4	<0.05	5	<0.5	<0.2
1237844	Soil	32	0.42	207	0.086	<1	1.11	0.013	0.15	0.1	0.05	5.0	0.3	<0.05	4	0.6	<0.2
1237845	Soil	40	0.49	370	0.083	2	1.76	0.017	0.07	0.1	0.12	7.0	<0.1	<0.05	5	<0.5	<0.2
1237846	Soil	43	0.43	333	0.076	3	1.83	0.011	0.06	<0.1	0.16	7.7	<0.1	<0.05	5	0.8	<0.2
1237847	Soil	30	0.41	289	0.061	2	1.27	0.010	0.04	0.1	0.08	3.8	<0.1	<0.05	4	1.0	<0.2
1237848	Soil	33	0.14	270	0.030	2	0.88	0.004	0.04	<0.1	0.09	4.3	<0.1	<0.05	3	2.2	<0.2
1237849	Soil	35	0.47	429	0.053	2	1.63	0.010	0.03	0.1	0.14	6.2	0.1	<0.05	5	0.8	<0.2
1237850	Soil	31	0.23	177	0.023	1	1.11	0.007	0.05	<0.1	0.10	2.4	0.3	<0.05	3	1.0	<0.2

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	Analyte	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
1237851	Soil	1.4	57.7	25.3	149	0.1	43.9	14.8	535	4.39	26.3	6.7	19.1	21	0.1	0.6	0.2	67	0.20	0.078	35
1237852	Soil	1.5	55.4	9.2	147	<0.1	46.2	14.1	635	4.92	14.1	2.8	24.0	14	0.2	0.3	0.1	61	0.25	0.108	47
1237853	Soil	1.8	48.7	32.5	132	0.2	54.2	14.0	385	4.15	27.7	2.6	18.5	18	0.1	0.6	0.3	67	0.20	0.059	33
1237854	Soil	1.7	28.5	20.7	103	0.2	32.5	11.7	377	3.30	27.6	2.0	8.7	23	0.2	0.5	0.1	60	0.19	0.054	19
1237855	Soil	1.9	57.1	25.4	179	<0.1	52.0	13.3	741	4.45	16.9	2.6	19.5	22	0.1	0.4	0.4	89	0.17	0.061	36
1237856	Soil	1.3	50.2	31.3	90	<0.1	41.8	13.3	739	2.57	22.9	7.5	6.9	153	0.2	1.0	0.2	43	7.58	0.038	17
1237857	Soil	1.7	56.1	32.8	133	<0.1	44.8	19.7	1035	3.42	31.1	5.6	15.3	37	0.2	0.9	0.3	50	0.17	0.045	25
1237858	Soil	1.2	104.6	24.2	279	<0.1	66.1	17.3	521	4.25	17.4	1.4	22.4	14	0.2	0.8	0.2	74	0.13	0.037	32
1237859	Soil	3.3	43.1	48.9	136	<0.1	56.6	15.9	1042	3.48	25.3	8.3	6.0	35	0.4	1.7	0.2	63	0.35	0.047	19
1237860	Soil	2.8	39.7	51.3	110	0.1	36.3	15.0	675	3.36	23.2	1.9	6.7	32	0.2	1.3	0.2	69	0.33	0.051	17
1237861	Soil	3.2	59.3	23.3	66	<0.1	26.5	13.5	498	2.96	17.6	2.4	6.0	37	<0.1	0.9	0.2	72	0.29	0.039	17
1237862	Soil	3.5	33.6	28.7	49	0.2	20.1	8.0	323	2.55	21.6	4.2	5.5	28	<0.1	0.9	0.2	56	0.19	0.037	14
1237863	Soil	2.0	42.6	19.5	66	<0.1	19.5	5.4	130	2.33	41.5	2.4	12.6	53	<0.1	0.9	0.4	54	0.13	0.054	29
1237864	Soil	2.0	75.1	25.6	72	0.1	23.9	9.2	285	2.54	34.4	5.0	10.4	41	0.3	0.9	0.3	62	0.17	0.043	23
1237865	Soil	3.3	49.2	21.0	59	<0.1	20.0	8.7	219	2.28	92.4	4.5	5.6	46	0.3	1.6	0.2	47	0.14	0.034	14
1237866	Soil	2.6	38.6	21.7	60	0.1	25.2	10.5	253	2.83	57.7	3.0	7.4	43	0.2	1.4	0.2	64	0.30	0.038	13
1237867	Soil	2.5	83.8	22.7	90	0.1	53.5	14.2	410	3.81	29.9	9.1	9.3	32	0.2	1.3	0.2	86	0.28	0.028	29
1237868	Soil	1.5	31.2	33.9	113	0.2	53.9	20.3	972	4.08	17.3	2.4	23.5	23	0.2	0.6	0.1	50	0.17	0.048	30
1237869	Soil	2.8	60.8	14.4	108	<0.1	36.4	9.6	134	3.40	15.8	2.6	13.5	29	<0.1	0.5	0.1	73	0.09	0.040	30
1237870	Soil	2.7	47.6	21.1	100	<0.1	33.0	12.2	257	3.31	49.4	2.5	13.5	22	0.1	1.0	0.1	66	0.05	0.031	23
1237871	Soil	1.8	62.3	15.1	234	<0.1	81.1	22.1	416	4.29	23.6	1.1	25.7	21	0.3	0.6	0.1	78	0.10	0.036	32
1237872	Soil	2.1	51.3	33.2	82	0.2	30.5	9.9	279	3.25	15.1	2.6	11.9	29	<0.1	0.8	0.2	71	0.18	0.021	23
1237873	Soil	3.0	51.3	20.5	70	<0.1	25.3	6.5	166	2.92	15.3	1.9	12.4	21	0.1	0.6	0.2	62	0.09	0.025	23
1237874	Soil	1.6	47.1	13.0	104	<0.1	44.4	15.0	248	3.91	8.2	2.0	7.8	20	<0.1	0.4	0.2	78	0.12	0.034	18
1237875	Soil	3.4	52.1	18.3	92	<0.1	34.0	11.9	481	3.34	25.6	3.9	15.9	41	0.2	0.9	0.2	55	0.13	0.027	31
1237876	Soil	2.9	56.4	20.5	66	<0.1	35.4	19.1	863	2.90	34.0	4.1	10.3	46	0.2	1.2	0.2	52	0.15	0.029	22
1237877	Soil	9.3	82.6	16.2	32	<0.1	11.7	3.0	90	2.23	50.8	4.1	8.4	62	<0.1	1.8	0.2	48	0.03	0.037	13
1237878	Soil	4.8	61.8	21.1	94	<0.1	32.5	18.7	1050	4.00	142.9	6.8	8.6	38	0.3	1.9	0.2	56	0.06	0.052	21
1237879	Soil	5.0	35.9	15.2	52	<0.1	16.9	9.1	249	2.14	33.0	2.0	7.9	41	0.2	0.8	0.1	52	0.04	0.035	23
1237880	Soil	2.9	47.6	16.5	77	<0.1	32.7	11.8	486	3.20	20.4	1.6	14.8	28	0.2	0.7	0.1	35	0.08	0.034	20

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	Analyte	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	0.1	0.05	1	0.5	0.2
1237851	Soil	35	0.52	315	0.112	2	1.33	0.006	0.74	<0.1	0.08	6.1	0.6	<0.05	5	0.7	<0.2
1237852	Soil	36	0.69	342	0.144	1	1.74	0.007	1.00	<0.1	0.08	7.0	0.8	<0.05	6	1.0	<0.2
1237853	Soil	42	0.44	313	0.098	2	1.50	0.007	0.59	<0.1	0.05	7.4	0.6	<0.05	5	0.6	<0.2
1237854	Soil	31	0.34	313	0.064	3	1.23	0.006	0.29	<0.1	0.02	3.9	0.3	<0.05	4	<0.5	<0.2
1237855	Soil	48	0.65	303	0.161	2	1.86	0.005	0.96	<0.1	0.03	6.6	0.9	<0.05	7	0.7	<0.2
1237856	Soil	20	0.28	359	0.013	2	0.67	0.011	0.06	<0.1	0.11	4.3	0.2	<0.05	3	<0.5	<0.2
1237857	Soil	24	0.14	350	0.024	2	0.70	0.006	0.11	<0.1	0.15	7.2	0.3	<0.05	3	0.6	<0.2
1237858	Soil	40	0.49	407	0.127	2	1.45	0.006	0.73	<0.1	0.05	6.9	0.8	<0.05	7	<0.5	<0.2
1237859	Soil	45	0.40	442	0.063	3	1.31	0.016	0.06	0.2	0.10	6.6	0.3	<0.05	4	0.6	<0.2
1237860	Soil	42	0.47	386	0.069	3	1.44	0.017	0.12	0.1	0.05	5.8	0.3	<0.05	4	0.6	<0.2
1237861	Soil	37	0.45	522	0.067	2	1.52	0.012	0.09	0.1	0.07	7.2	0.2	<0.05	5	0.6	0.2
1237862	Soil	27	0.34	319	0.044	2	1.16	0.008	0.08	0.1	0.03	4.1	0.1	<0.05	4	<0.5	<0.2
1237863	Soil	27	0.21	538	0.033	2	1.06	0.004	0.16	<0.1	0.15	5.1	0.3	<0.05	4	1.4	<0.2
1237864	Soil	33	0.34	431	0.049	3	1.18	0.009	0.15	<0.1	0.19	9.2	0.3	<0.05	4	1.0	<0.2
1237865	Soil	28	0.22	327	0.025	2	0.89	0.006	0.06	<0.1	0.22	3.8	0.1	<0.05	3	1.5	<0.2
1237866	Soil	35	0.48	276	0.065	2	1.54	0.012	0.09	0.1	0.21	4.3	<0.1	<0.05	4	1.0	<0.2
1237867	Soil	50	0.60	425	0.074	2	2.08	0.016	0.11	0.2	0.20	11.9	0.1	<0.05	5	0.5	<0.2
1237868	Soil	36	0.24	508	0.022	4	1.31	0.004	0.22	<0.1	0.23	11.3	0.5	<0.05	8	<0.5	<0.2
1237869	Soil	54	0.49	420	0.078	2	1.26	0.004	0.36	<0.1	0.10	5.6	0.4	<0.05	5	0.8	<0.2
1237870	Soil	39	0.30	174	0.058	2	0.97	0.003	0.26	<0.1	0.05	5.3	0.6	<0.05	4	1.1	<0.2
1237871	Soil	57	0.90	405	0.137	2	1.96	0.008	0.82	<0.1	0.06	6.0	1.2	<0.05	7	1.0	<0.2
1237872	Soil	42	0.39	329	0.071	2	1.35	0.008	0.18	<0.1	0.06	7.3	0.3	<0.05	4	<0.5	<0.2
1237873	Soil	37	0.28	227	0.046	2	1.01	0.005	0.15	<0.1	0.04	7.1	0.2	<0.05	4	0.8	<0.2
1237874	Soil	58	0.70	337	0.103	3	1.93	0.006	0.27	<0.1	0.02	4.8	0.4	<0.05	5	1.0	<0.2
1237875	Soil	38	0.36	292	0.060	3	1.28	0.006	0.31	<0.1	0.08	8.7	0.4	<0.05	6	<0.5	<0.2
1237876	Soil	33	0.25	310	0.035	3	1.09	0.008	0.08	<0.1	0.11	8.8	0.2	<0.05	4	<0.5	<0.2
1237877	Soil	23	0.06	240	0.007	2	0.58	0.003	0.05	<0.1	0.15	3.4	<0.1	<0.05	2	3.1	<0.2
1237878	Soil	23	0.09	414	0.009	2	0.64	0.003	0.06	<0.1	0.24	10.0	0.3	<0.05	3	<0.5	<0.2
1237879	Soil	33	0.16	240	0.011	3	0.78	0.002	0.16	<0.1	0.21	8.1	0.3	<0.05	4	<0.5	<0.2
1237880	Soil	23	0.25	338	0.048	2	1.02	0.004	0.24	<0.1	0.04	5.4	0.4	<0.05	4	0.7	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1237881	Soil	6.4	78.0	10.7	29	<0.1	12.7	5.2	162	2.08	24.2	5.0	3.3	39	<0.1	1.3	0.3	50	0.07	0.031	8
1237882	Soil	3.4	123.2	16.2	186	<0.1	70.3	26.3	1071	3.97	13.9	7.4	9.0	51	0.6	0.8	0.2	77	0.62	0.088	32
1237883	Soil	1.5	30.3	38.8	351	0.2	64.0	10.7	1878	2.85	13.1	4.1	4.1	26	1.9	1.0	0.4	43	0.44	0.078	14
1237884	Soil	1.6	36.8	60.7	166	0.1	80.4	25.0	2033	3.53	35.2	6.2	6.8	28	0.9	1.4	0.3	63	0.37	0.051	19
1237885	Soil	2.5	39.8	340.9	296	0.3	116.3	28.2	3430	4.17	50.3	15.6	9.7	32	0.6	1.7	1.1	49	0.18	0.044	23
1237886	Soil	0.7	40.7	33.1	90	<0.1	30.7	8.7	325	1.88	17.6	1.6	5.5	48	0.1	0.6	0.4	17	1.34	0.024	9
1237887	Soil	2.4	22.6	32.3	90	0.1	29.2	13.4	969	2.45	18.4	1.5	8.8	32	0.2	0.8	0.3	38	0.17	0.038	14
1237888	Soil	2.5	33.8	26.0	112	<0.1	39.9	15.1	805	3.42	21.5	2.7	10.1	33	0.2	0.8	0.2	51	0.24	0.053	22
1237889	Soil	2.3	56.2	30.1	93	0.2	67.1	8.3	377	6.80	59.5	6.3	9.0	18	0.3	0.6	0.1	52	0.12	0.090	18
1237890	Soil	1.9	65.8	26.0	167	<0.1	60.2	15.2	414	4.22	21.7	4.8	19.5	18	<0.1	0.4	0.5	85	0.11	0.055	45
1237891	Soil	1.6	20.7	24.2	40	0.2	17.7	6.9	279	1.92	19.7	1.5	7.1	50	0.1	0.4	0.2	33	0.16	0.056	15
1237892	Soil	1.9	48.6	20.9	99	<0.1	35.1	9.7	264	3.19	28.0	2.3	14.9	26	<0.1	0.7	0.3	48	0.07	0.043	28
1237893	Soil	1.8	34.0	16.7	59	<0.1	22.6	7.8	271	2.55	15.7	1.9	15.0	26	<0.1	0.6	0.2	63	0.19	0.024	23
1237894	Soil	2.6	42.1	32.8	62	<0.1	29.3	8.7	271	2.72	18.1	4.5	15.7	25	<0.1	0.8	0.2	57	0.15	0.024	25
1237895	Soil	1.4	31.5	16.6	50	<0.1	22.9	8.2	249	2.60	13.6	2.5	6.6	28	<0.1	0.7	0.2	62	0.25	0.022	16
1237896	Soil	2.0	47.6	16.3	62	<0.1	24.8	7.3	191	2.86	13.5	2.6	10.5	22	<0.1	0.6	0.2	59	0.14	0.023	18
1237897	Soil	2.0	45.4	19.7	60	0.1	24.1	7.6	281	2.67	13.0	3.1	8.4	32	<0.1	0.7	0.2	55	0.20	0.028	20
1237898	Soil	2.8	50.8	25.6	47	<0.1	24.9	11.7	387	2.79	20.2	6.0	5.3	31	<0.1	1.5	0.2	68	0.27	0.017	15
1237899	Soil	3.9	69.2	53.3	74	0.3	38.6	12.5	403	3.15	29.5	5.5	5.9	34	0.1	2.0	0.4	77	0.30	0.031	19
1237900	Soil	4.8	38.0	25.0	41	0.1	14.5	5.5	168	2.36	27.7	8.5	3.5	30	0.1	1.6	0.3	60	0.12	0.028	10
1237901	Soil	11.2	50.8	90.9	57	<0.1	22.1	7.2	174	2.71	63.9	6.9	5.7	41	<0.1	4.8	0.5	73	0.13	0.058	17
1237902	Soil	5.1	61.5	24.4	77	<0.1	31.2	10.5	199	3.23	25.5	8.7	5.9	22	0.1	1.7	0.3	72	0.16	0.026	22
1237903	Soil	4.3	63.4	32.0	50	<0.1	24.1	9.2	204	2.68	31.5	8.3	6.3	25	<0.1	1.8	0.2	67	0.21	0.020	21
1237904	Soil	6.3	54.4	21.3	44	<0.1	18.9	7.3	334	2.67	36.9	5.5	5.3	25	<0.1	2.0	0.2	66	0.14	0.039	12
1237905	Soil	10.5	88.7	38.3	119	0.1	40.5	11.5	205	3.74	134.3	12.6	4.8	54	0.5	7.6	0.2	82	0.12	0.094	21
1237906	Soil	37.5	325.3	120.9	1761	9.9	648.4	218.3	>10000	12.48	141.5	22.6	7.1	48	19.5	1.9	0.4	108	0.18	0.211	15
1237907	Soil	5.3	86.6	27.3	205	0.5	97.7	19.3	1020	4.03	38.1	15.9	7.4	29	0.4	1.7	0.3	78	0.16	0.073	18
1237908	Soil	2.6	31.2	22.9	64	0.2	29.8	12.4	738	2.68	25.7	1.6	6.9	29	0.3	0.9	0.2	47	0.20	0.059	16
1237909	Soil	3.1	34.8	30.9	68	0.1	27.1	6.7	248	2.67	24.9	22.2	5.6	30	0.2	1.2	0.2	44	0.12	0.049	13
1237910	Soil	1.8	33.9	21.8	74	0.1	24.5	6.9	264	2.73	14.9	4.3	9.0	23	<0.1	0.5	0.2	47	0.11	0.038	20

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	0.1	0.05	1	0.5	0.2
1237881	Soil	22	0.09	278	0.010	2	0.61	0.004	0.04	<0.1	0.10	5.8	<0.1	<0.05	2	1.9	<0.2
1237882	Soil	43	1.11	1066	0.137	5	2.41	0.012	0.71	<0.1	0.09	9.4	0.7	<0.05	8	1.0	<0.2
1237883	Soil	24	0.89	659	0.044	2	1.21	0.020	0.07	0.1	0.22	6.2	0.5	<0.05	4	<0.5	<0.2
1237884	Soil	30	0.40	572	0.053	1	1.32	0.016	0.06	0.2	0.13	9.4	0.5	<0.05	4	<0.5	<0.2
1237885	Soil	20	0.12	657	0.006	1	0.75	0.004	0.05	<0.1	0.34	15.7	0.7	<0.05	4	0.6	<0.2
1237886	Soil	8	0.06	143	0.003	1	0.30	0.004	0.04	<0.1	0.03	5.2	0.1	<0.05	<1	<0.5	<0.2
1237887	Soil	20	0.16	313	0.011	<1	1.03	0.005	0.08	<0.1	0.03	4.3	0.2	<0.05	3	<0.5	<0.2
1237888	Soil	30	0.26	317	0.027	<1	1.25	0.007	0.14	<0.1	0.06	7.6	0.3	<0.05	4	0.7	<0.2
1237889	Soil	14	0.13	94	0.009	<1	0.73	0.003	0.17	0.1	0.04	5.8	0.2	<0.05	2	1.0	<0.2
1237890	Soil	49	0.70	276	0.140	<1	1.94	0.008	0.92	<0.1	0.07	7.4	1.0	<0.05	6	1.0	<0.2
1237891	Soil	19	0.14	247	0.013	2	0.71	0.005	0.11	<0.1	0.02	4.6	<0.1	<0.05	2	0.6	<0.2
1237892	Soil	28	0.33	206	0.057	<1	1.11	0.006	0.37	<0.1	0.08	6.2	0.5	<0.05	4	0.9	<0.2
1237893	Soil	34	0.39	462	0.086	1	1.33	0.012	0.12	<0.1	0.03	4.5	0.3	<0.05	5	<0.5	<0.2
1237894	Soil	40	0.36	246	0.072	<1	1.19	0.010	0.12	<0.1	0.03	4.7	0.2	<0.05	4	0.6	<0.2
1237895	Soil	37	0.46	278	0.072	1	1.49	0.014	0.05	0.1	0.03	5.6	0.1	<0.05	4	<0.5	<0.2
1237896	Soil	34	0.32	260	0.060	<1	1.04	0.009	0.13	<0.1	0.04	6.0	0.2	<0.05	4	<0.5	<0.2
1237897	Soil	32	0.38	309	0.064	4	1.16	0.012	0.14	<0.1	0.08	5.8	0.2	<0.05	4	0.7	<0.2
1237898	Soil	35	0.39	378	0.084	<1	1.53	0.016	0.06	0.1	0.05	6.4	<0.1	<0.05	4	<0.5	<0.2
1237899	Soil	38	0.50	465	0.070	<1	1.83	0.018	0.07	0.2	0.15	7.5	0.1	<0.05	5	<0.5	<0.2
1237900	Soil	30	0.29	332	0.047	<1	1.14	0.009	0.04	0.1	0.05	3.5	<0.1	<0.05	4	1.5	<0.2
1237901	Soil	30	0.24	572	0.047	1	1.22	0.008	0.04	0.1	0.14	5.0	<0.1	<0.05	3	2.7	0.3
1237902	Soil	43	0.37	677	0.055	2	1.43	0.011	0.06	0.1	0.15	7.3	<0.1	<0.05	4	0.6	<0.2
1237903	Soil	38	0.36	412	0.055	<1	1.53	0.011	0.05	0.1	0.13	6.7	0.1	<0.05	4	1.5	<0.2
1237904	Soil	33	0.29	319	0.035	<1	1.29	0.009	0.09	0.1	0.08	3.4	<0.1	<0.05	4	1.8	<0.2
1237905	Soil	33	0.15	585	0.024	2	0.88	0.007	0.03	0.1	0.40	7.3	0.2	<0.05	2	2.7	<0.2
1237906	Soil	18	0.10	4524	0.004	2	0.81	0.009	0.09	<0.1	4.98	12.2	13.2	<0.05	5	0.8	<0.2
1237907	Soil	32	0.15	370	0.015	2	0.91	0.006	0.07	<0.1	0.35	6.5	0.4	<0.05	4	0.9	<0.2
1237908	Soil	32	0.22	296	0.024	<1	1.14	0.007	0.12	<0.1	0.08	6.9	0.3	<0.05	4	<0.5	<0.2
1237909	Soil	23	0.18	212	0.015	2	0.79	0.006	0.06	<0.1	0.09	4.1	0.1	<0.05	3	0.6	<0.2
1237910	Soil	23	0.18	135	0.028	2	0.77	0.005	0.13	<0.1	0.12	6.2	0.2	<0.05	3	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1237911	Soil	1.8	62.4	21.8	155	0.2	71.3	19.9	956	4.66	12.9	6.9	11.9	24	0.2	0.4	0.2	67	0.29	0.089	29
1237912	Soil	1.5	49.7	21.5	86	<0.1	36.3	9.4	299	3.00	9.8	9.5	13.3	25	<0.1	0.5	0.4	51	0.11	0.049	30
1237913	Soil	2.0	30.2	17.8	81	<0.1	28.6	8.4	241	2.66	17.2	6.1	8.7	21	0.2	1.2	0.2	53	0.12	0.043	21
1237914	Soil	1.4	43.4	14.2	80	<0.1	36.6	10.2	333	2.96	14.4	10.5	7.6	30	0.1	0.7	0.2	59	0.31	0.063	21
1237915	Soil	2.2	58.9	26.3	107	<0.1	46.4	11.8	370	3.22	26.5	8.8	12.1	27	0.1	1.0	0.2	57	0.13	0.045	30
1237916	Soil	1.5	31.2	14.5	76	<0.1	29.7	7.3	218	2.63	13.4	6.2	8.3	21	0.2	0.7	0.2	56	0.14	0.052	20
1237917	Soil	1.5	27.7	21.2	70	<0.1	23.2	5.8	199	2.24	11.7	3.4	5.8	22	0.2	0.3	0.3	37	0.08	0.041	16
1237918	Soil	1.4	34.9	15.5	115	<0.1	39.7	11.6	302	3.26	9.4	5.2	7.6	17	0.2	0.5	0.3	53	0.18	0.057	18
1237919	Soil	2.2	55.3	24.9	99	<0.1	38.3	7.5	227	3.74	17.8	11.3	13.5	18	<0.1	0.6	0.3	57	0.11	0.055	32
1237920	Soil	2.2	42.7	18.1	106	0.2	45.1	11.4	423	3.64	29.7	2.7	6.0	24	0.1	0.9	0.4	69	0.22	0.071	14
1237921	Soil	1.2	21.2	17.4	30	<0.1	9.3	3.9	172	1.30	13.6	2.2	4.8	23	<0.1	0.4	0.2	23	0.08	0.022	11
1237922	Soil	3.0	37.4	29.6	32	<0.1	12.5	5.2	213	1.61	12.9	5.5	6.4	23	0.1	0.7	0.3	23	0.03	0.022	12
1237923	Soil	6.6	39.8	44.2	277	0.6	87.9	25.2	1468	5.48	54.8	44.2	4.7	25	0.7	2.4	0.2	64	0.14	0.076	13
1237924	Soil	7.0	29.3	39.1	112	<0.1	35.3	10.8	442	3.00	49.7	8.7	4.4	24	0.2	3.2	0.2	56	0.16	0.038	10
1237925	Soil	3.3	22.0	18.9	54	0.2	21.2	7.7	406	2.60	21.6	2.6	2.8	19	0.2	1.1	0.2	63	0.18	0.033	9
1237926	Soil	1.4	48.0	15.5	53	0.2	39.0	8.9	208	2.56	6.2	7.8	9.3	24	0.1	1.0	0.2	38	0.17	0.046	22
1237927	Soil	1.0	56.7	17.3	113	0.2	59.8	17.8	721	4.80	8.1	4.1	15.3	14	0.2	1.0	0.2	88	0.31	0.113	44
1237928	Soil	3.2	46.7	21.8	93	0.4	54.9	15.7	1194	3.56	13.9	8.9	8.1	28	0.3	1.4	0.2	44	0.66	0.060	20
1237929	Soil	2.7	63.4	20.3	138	<0.1	64.3	17.8	655	4.48	13.4	5.3	15.3	16	0.3	1.1	0.3	58	0.13	0.088	39
1237932	Soil	2.9	32.6	18.1	52	<0.1	18.2	7.7	205	2.55	18.0	5.4	5.6	19	0.2	1.2	0.2	52	0.09	0.023	12
1237933	Soil	1.2	32.8	13.6	59	<0.1	26.0	8.0	220	2.66	10.7	3.6	7.1	27	<0.1	0.8	0.2	48	0.24	0.024	19
1237934	Soil	1.1	30.1	9.8	47	<0.1	23.9	9.1	231	2.57	10.8	1.8	4.6	22	0.1	0.8	0.2	56	0.22	0.022	16
1237935	Soil	0.7	30.5	9.7	41	<0.1	21.5	8.3	250	2.23	9.2	10.1	4.7	25	<0.1	0.7	0.1	51	0.28	0.025	17
1237936	Soil	1.3	42.1	12.4	54	<0.1	25.2	8.7	237	2.67	14.2	2.2	6.9	25	<0.1	0.9	0.1	58	0.22	0.013	19
1237937	Soil	2.1	53.3	21.1	92	<0.1	31.2	13.9	457	3.80	42.0	2.3	12.3	23	<0.1	1.1	0.2	94	0.19	0.018	23
1237938	Soil	0.7	45.9	13.8	70	<0.1	51.6	10.0	382	2.73	11.2	4.1	9.2	34	0.1	0.8	0.6	58	0.38	0.037	21
1237951	Soil	1.3	34.6	13.9	62	<0.1	34.2	12.3	204	2.87	15.8	1.7	4.4	15	0.1	0.9	0.2	60	0.13	0.016	10
1237952	Soil	1.0	41.7	14.3	58	<0.1	34.9	12.0	322	2.72	13.9	6.2	4.7	23	0.1	0.8	0.2	59	0.23	0.029	15
1237953	Soil	2.4	38.5	23.0	53	0.1	26.6	7.2	150	2.03	17.3	0.9	6.0	19	<0.1	1.1	0.2	45	0.06	0.023	13
1237954	Soil	1.9	42.7	24.2	50	0.1	25.3	9.9	224	2.90	12.8	4.5	7.0	21	<0.1	0.8	0.2	61	0.13	0.019	18

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	Analyte	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	0.1	0.05	1	0.5	0.2
1237911	Soil	49	0.46	227	0.079	<1	1.23	0.013	0.39	<0.1	0.10	8.9	0.4	<0.05	5	<0.5	<0.2
1237912	Soil	29	0.30	256	0.049	3	1.02	0.007	0.21	<0.1	0.14	8.4	0.3	<0.05	4	<0.5	<0.2
1237913	Soil	34	0.34	192	0.055	2	1.04	0.007	0.18	<0.1	0.05	3.7	0.3	<0.05	4	0.5	<0.2
1237914	Soil	36	0.49	295	0.072	<1	1.39	0.016	0.15	0.1	0.07	6.9	0.2	<0.05	4	0.6	<0.2
1237915	Soil	33	0.32	261	0.059	3	1.03	0.007	0.23	<0.1	0.14	8.1	0.3	<0.05	4	<0.5	<0.2
1237916	Soil	36	0.40	203	0.068	2	1.07	0.008	0.21	<0.1	0.04	3.8	0.3	<0.05	4	<0.5	<0.2
1237917	Soil	25	0.21	194	0.027	2	0.81	0.004	0.15	<0.1	0.05	3.7	0.2	<0.05	3	<0.5	<0.2
1237918	Soil	32	0.45	195	0.073	2	1.34	0.010	0.29	<0.1	0.05	4.7	0.2	<0.05	4	<0.5	<0.2
1237919	Soil	49	0.38	140	0.066	1	1.13	0.005	0.43	<0.1	0.06	8.2	0.5	<0.05	4	1.0	<0.2
1237920	Soil	68	0.45	192	0.057	2	1.40	0.007	0.28	<0.1	0.04	5.9	0.3	<0.05	5	<0.5	<0.2
1237921	Soil	12	0.10	104	0.005	2	0.52	0.003	0.07	<0.1	0.06	3.2	0.1	<0.05	2	<0.5	<0.2
1237922	Soil	13	0.04	108	0.004	1	0.39	0.002	0.05	<0.1	0.16	5.1	<0.1	<0.05	1	0.9	<0.2
1237923	Soil	32	0.26	439	0.023	1	1.26	0.007	0.05	0.1	0.34	5.5	0.6	<0.05	4	1.4	<0.2
1237924	Soil	29	0.16	300	0.010	2	0.98	0.004	0.04	0.1	0.10	3.3	0.5	<0.05	3	<0.5	<0.2
1237925	Soil	32	0.37	340	0.041	<1	1.47	0.012	0.05	0.1	0.05	2.5	0.1	<0.05	4	<0.5	<0.2
1237926	Soil	22	0.19	213	0.011	3	0.75	0.007	0.19	<0.1	0.54	5.1	0.2	<0.05	3	<0.5	<0.2
1237927	Soil	58	0.76	355	0.202	1	1.89	0.009	1.04	0.2	0.40	6.7	0.7	<0.05	6	0.8	<0.2
1237928	Soil	24	0.20	386	0.018	3	0.75	0.007	0.21	0.1	1.39	5.0	0.3	<0.05	3	0.7	<0.2
1237929	Soil	30	0.20	156	0.033	1	0.74	0.005	0.32	<0.1	0.94	5.5	0.2	<0.05	3	0.8	<0.2
1237932	Soil	28	0.27	220	0.039	<1	1.60	0.006	0.08	<0.1	0.05	3.4	0.2	<0.05	5	0.9	<0.2
1237933	Soil	31	0.42	271	0.063	<1	1.18	0.013	0.11	<0.1	0.05	4.9	0.1	<0.05	4	<0.5	<0.2
1237934	Soil	32	0.43	267	0.055	<1	1.49	0.012	0.05	0.1	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
1237935	Soil	29	0.44	318	0.057	<1	1.29	0.016	0.04	0.1	0.04	5.3	<0.1	<0.05	4	<0.5	<0.2
1237936	Soil	38	0.42	295	0.070	<1	1.42	0.012	0.06	0.1	0.08	6.5	0.1	<0.05	5	<0.5	<0.2
1237937	Soil	62	0.74	266	0.122	1	1.92	0.011	0.45	<0.1	0.09	9.5	1.3	<0.05	8	1.0	<0.2
1237938	Soil	35	0.51	388	0.063	4	1.36	0.022	0.06	0.1	0.07	6.1	0.1	<0.05	4	<0.5	<0.2
1237951	Soil	37	0.44	294	0.041	2	2.17	0.009	0.05	0.1	0.07	3.9	0.2	<0.05	5	<0.5	<0.2
1237952	Soil	34	0.48	332	0.051	<1	1.61	0.014	0.05	0.1	0.12	5.6	0.1	<0.05	5	1.2	<0.2
1237953	Soil	21	0.19	154	0.018	<1	0.94	0.004	0.05	<0.1	0.04	4.0	<0.1	<0.05	3	1.0	<0.2
1237954	Soil	34	0.34	265	0.059	<1	1.59	0.012	0.07	<0.1	0.10	7.8	0.1	<0.05	5	0.6	<0.2

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1237955	Soil	1.3	31.7	16.9	60	<0.1	33.6	6.8	137	2.85	13.0	5.3	9.0	19	<0.1	0.7	0.1	39	0.08	0.025	25
1237956	Soil	2.2	22.8	41.7	46	0.1	19.3	5.8	106	1.36	9.7	30.0	4.7	16	<0.1	0.3	3.2	19	0.03	0.027	10
1237957	Soil	1.9	26.5	19.3	49	<0.1	18.8	7.1	133	2.14	11.9	7.8	12.2	15	0.1	0.3	0.3	40	0.04	0.036	22
1237958	Soil	1.2	33.8	25.6	66	0.1	28.7	9.6	222	2.60	13.3	2.1	8.0	23	<0.1	0.7	0.2	54	0.12	0.034	17
1237959	Soil	1.2	36.2	14.4	59	<0.1	28.8	9.9	243	2.74	16.4	4.0	7.1	20	0.1	0.7	0.2	65	0.16	0.024	19
1237960	Soil	1.5	33.4	21.3	59	<0.1	19.1	5.4	109	2.25	13.5	13.4	9.2	18	0.1	0.6	0.2	47	0.05	0.034	20
1237961	Soil	1.6	39.1	42.8	96	0.1	42.2	10.8	353	3.56	13.4	3.3	8.5	15	<0.1	1.1	0.3	59	0.11	0.071	22
1237962	Soil	2.3	53.4	18.0	124	0.1	81.9	15.6	503	3.79	19.7	11.0	11.2	21	0.2	0.8	0.2	55	0.16	0.063	29
1237963	Soil	2.3	41.2	33.1	85	<0.1	29.5	6.5	141	2.85	28.0	13.3	13.3	20	0.1	1.2	0.2	45	0.06	0.038	29

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	0.1	0.05	1	0.5	0.2
1237955	Soil	23	0.21	207	0.026	2	0.89	0.006	0.08	<0.1	0.07	6.2	<0.1	<0.05	3	<0.5	<0.2
1237956	Soil	12	0.12	89	0.017	2	0.85	0.002	0.13	<0.1	0.03	1.6	0.2	<0.05	2	<0.5	<0.2
1237957	Soil	23	0.16	168	0.011	<1	0.97	0.004	0.06	<0.1	0.06	4.1	0.2	<0.05	4	0.7	<0.2
1237958	Soil	31	0.32	299	0.045	1	1.15	0.008	0.13	0.1	0.04	5.0	0.1	<0.05	4	<0.5	<0.2
1237959	Soil	38	0.47	229	0.057	<1	1.67	0.009	0.08	<0.1	0.03	5.2	0.1	<0.05	5	0.7	<0.2
1237960	Soil	26	0.29	157	0.048	2	1.15	0.004	0.21	<0.1	0.04	3.2	0.3	<0.05	3	1.0	<0.2
1237961	Soil	43	0.45	213	0.067	3	1.47	0.007	0.28	0.1	0.04	4.1	0.3	<0.05	5	<0.5	0.2
1237962	Soil	96	0.61	247	0.061	1	1.35	0.007	0.27	<0.1	0.07	5.8	0.3	<0.05	4	<0.5	<0.2
1237963	Soil	26	0.22	164	0.043	<1	0.93	0.003	0.28	<0.1	0.10	4.5	0.4	<0.05	3	1.5	<0.2

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Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
Pulp Duplicates																					
1237731	Soil	2.1	57.4	35.7	144	0.2	59.5	14.6	362	5.41	23.9	2.6	13.6	21	0.1	1.8	0.3	88	0.20	0.084	33
REP 1237731	QC	2.1	58.6	35.7	143	0.1	60.1	14.4	355	5.38	23.6	2.3	13.4	21	0.1	1.9	0.3	89	0.19	0.081	32
1237767	Soil	2.1	58.8	15.0	53	<0.1	29.3	17.3	1131	3.06	13.8	4.2	7.8	31	<0.1	0.7	0.2	72	0.28	0.020	33
REP 1237767	QC	2.1	59.8	14.9	57	0.1	30.2	17.9	1159	3.12	14.9	5.2	8.0	32	<0.1	0.6	0.2	70	0.28	0.020	34
1237797	Soil	3.1	42.0	44.0	87	<0.1	36.6	12.2	356	3.17	38.0	4.0	5.1	22	0.2	4.2	0.3	71	0.16	0.028	12
REP 1237797	QC	3.1	40.4	42.5	86	<0.1	34.6	13.0	347	3.07	37.2	7.7	5.0	21	0.2	4.2	0.2	69	0.15	0.030	11
1237833	Soil	1.3	45.9	24.7	109	<0.1	36.1	8.8	195	2.96	10.2	70.0	9.1	19	<0.1	0.6	1.9	57	0.07	0.029	28
REP 1237833	QC	1.1	45.8	25.9	111	<0.1	39.0	9.4	202	3.03	10.4	58.8	9.6	20	<0.1	0.6	2.1	60	0.07	0.029	29
1237869	Soil	2.8	60.8	14.4	108	<0.1	36.4	9.6	134	3.40	15.8	2.6	13.5	29	<0.1	0.5	0.1	73	0.09	0.040	30
REP 1237869	QC	3.1	60.1	14.3	108	<0.1	37.0	9.7	135	3.37	15.7	1.4	13.3	28	<0.1	0.5	0.1	72	0.09	0.038	31
1237905	Soil	10.5	88.7	38.3	119	0.1	40.5	11.5	205	3.74	134.3	12.6	4.8	54	0.5	7.6	0.2	82	0.12	0.094	21
REP 1237905	QC	12.0	88.9	39.6	119	0.1	40.3	11.5	196	3.68	130.0	15.3	4.8	55	0.3	7.7	0.2	80	0.12	0.097	22
1237953	Soil	2.4	38.5	23.0	53	0.1	26.6	7.2	150	2.03	17.3	0.9	6.0	19	<0.1	1.1	0.2	45	0.06	0.023	13
REP 1237953	QC	2.5	39.7	22.8	53	0.1	29.4	7.7	152	2.12	17.7	1.1	6.4	19	0.1	1.1	0.2	45	0.06	0.025	13
Reference Materials																					
STD DS11	Standard	15.4	157.8	149.6	350	1.7	80.9	14.5	1089	3.33	44.0	78.1	8.1	74	2.6	9.9	12.9	54	1.08	0.075	18
STD DS11	Standard	15.2	159.3	146.1	338	1.8	86.5	14.9	1029	3.15	43.6	89.8	8.3	74	2.5	10.0	12.3	54	1.03	0.069	19
STD DS11	Standard	14.7	156.6	141.7	335	1.8	81.9	14.2	999	2.99	42.5	95.0	7.8	70	2.2	9.3	11.7	51	1.00	0.068	18
STD DS11	Standard	15.5	154.3	148.4	332	1.7	78.6	14.3	1044	3.11	42.2	92.6	8.3	72	2.1	9.5	12.3	52	1.02	0.074	18
STD DS11	Standard	15.6	161.8	155.0	347	1.7	85.6	15.0	1093	3.38	45.0	63.9	8.7	73	2.7	9.9	12.7	56	1.05	0.076	19
STD DS11	Standard	15.0	154.7	143.1	341	1.8	83.3	14.0	1036	3.02	40.5	72.8	7.9	71	2.6	9.2	12.0	49	1.04	0.072	18
STD DS11	Standard	12.8	142.3	136.9	323	1.7	76.3	13.4	993	3.06	39.1	70.8	7.5	67	2.2	8.5	11.4	48	1.02	0.073	17
STD DS9	Standard	13.8	115.6	142.5	333	1.7	41.9	8.3	636	2.51	27.9	118.8	7.3	82	2.4	6.9	7.6	45	0.73	0.088	15
STD DS9	Standard	13.4	114.3	133.8	327	1.8	42.9	7.8	583	2.31	26.4	111.9	6.9	80	2.5	6.9	7.2	43	0.72	0.086	15
STD DS9	Standard	13.6	107.9	131.8	303	1.6	40.5	7.8	560	2.24	24.8	117.8	6.8	77	2.2	6.0	7.0	40	0.74	0.081	14
STD DS9	Standard	13.8	116.2	139.7	329	1.7	41.8	8.1	624	2.46	27.7	122.7	7.5	82	2.5	6.5	7.6	44	0.74	0.085	15
STD DS9	Standard	13.9	112.3	140.8	326	1.7	42.2	8.0	611	2.51	26.7	135.6	7.4	83	2.5	6.9	7.3	45	0.74	0.087	15
STD DS9	Standard	13.2	113.9	130.8	317	1.8	44.2	7.8	651	2.41	25.7	138.4	6.5	77	2.1	6.1	6.9	40	0.70	0.087	13

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Project: Lucky Strike
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QUALITY CONTROL REPORT WHI13000042.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1237731	Soil	52	0.60	297	0.138	2	1.99	0.007	0.63	<0.1	0.03	6.0	0.8	<0.05	7	0.5	<0.2
REP 1237731	QC	52	0.59	299	0.140	2	1.91	0.007	0.63	<0.1	0.03	6.0	0.8	<0.05	7	0.7	<0.2
1237767	Soil	41	0.45	546	0.051	1	1.86	0.010	0.09	<0.1	0.12	13.3	0.2	<0.05	6	<0.5	<0.2
REP 1237767	QC	42	0.46	558	0.050	1	1.92	0.011	0.09	<0.1	0.11	13.4	0.2	<0.05	7	<0.5	<0.2
1237797	Soil	45	0.42	321	0.049	2	2.26	0.009	0.05	0.1	0.05	3.2	0.1	<0.05	5	0.7	<0.2
REP 1237797	QC	43	0.42	312	0.046	1	2.21	0.009	0.05	0.1	0.05	3.1	0.1	<0.05	5	<0.5	<0.2
1237833	Soil	36	0.48	244	0.122	<1	1.80	0.005	0.45	<0.1	0.09	4.9	0.5	<0.05	5	0.5	<0.2
REP 1237833	QC	37	0.49	249	0.130	<1	1.95	0.005	0.46	<0.1	0.09	5.3	0.5	<0.05	6	0.6	<0.2
1237869	Soil	54	0.49	420	0.078	2	1.26	0.004	0.36	<0.1	0.10	5.6	0.4	<0.05	5	0.8	<0.2
REP 1237869	QC	55	0.48	429	0.078	2	1.32	0.004	0.36	<0.1	0.10	5.8	0.4	<0.05	4	0.5	<0.2
1237905	Soil	33	0.15	585	0.024	2	0.88	0.007	0.03	0.1	0.40	7.3	0.2	<0.05	2	2.7	<0.2
REP 1237905	QC	33	0.16	585	0.023	<1	0.89	0.007	0.03	0.1	0.38	7.1	0.2	<0.05	2	2.3	<0.2
1237953	Soil	21	0.19	154	0.018	<1	0.94	0.004	0.05	<0.1	0.04	4.0	<0.1	<0.05	3	1.0	<0.2
REP 1237953	QC	21	0.21	162	0.018	2	1.03	0.004	0.05	<0.1	0.03	4.2	<0.1	<0.05	3	0.7	<0.2
Reference Materials																	
STD DS11	Standard	62	0.87	383	0.096	7	1.16	0.071	0.40	3.3	0.27	3.3	4.7	0.27	5	2.6	5.9
STD DS11	Standard	63	0.85	383	0.097	8	1.13	0.068	0.38	3.2	0.26	3.0	4.6	0.26	5	1.7	4.3
STD DS11	Standard	57	0.83	366	0.090	6	1.09	0.067	0.37	3.1	0.28	3.0	4.4	0.24	5	2.0	4.1
STD DS11	Standard	61	0.85	378	0.097	6	1.13	0.073	0.39	3.1	0.27	3.2	4.4	0.29	5	2.4	4.6
STD DS11	Standard	64	0.91	377	0.101	7	1.20	0.070	0.38	3.4	0.29	3.3	4.6	0.28	5	2.2	4.9
STD DS11	Standard	58	0.83	368	0.090	11	1.11	0.076	0.37	3.1	0.29	3.0	4.6	0.19	5	3.5	4.6
STD DS11	Standard	57	0.79	353	0.087	5	1.04	0.070	0.37	2.9	0.27	2.9	4.4	0.16	5	2.0	4.8
STD DS9	Standard	133	0.66	324	0.125	2	1.01	0.094	0.40	3.3	0.22	2.6	5.3	0.15	5	5.6	5.4
STD DS9	Standard	126	0.64	307	0.122	2	0.95	0.080	0.38	3.0	0.21	2.4	5.2	0.12	5	5.1	4.8
STD DS9	Standard	120	0.62	301	0.115	3	0.95	0.081	0.38	2.9	0.20	2.4	5.0	0.18	5	5.6	4.8
STD DS9	Standard	129	0.66	328	0.125	3	0.98	0.095	0.39	3.2	0.23	2.8	5.3	0.15	5	4.6	5.1
STD DS9	Standard	127	0.67	314	0.127	3	1.04	0.087	0.39	3.3	0.19	2.7	5.2	0.18	5	5.5	5.5
STD DS9	Standard	119	0.62	289	0.108	4	0.93	0.092	0.40	3.1	0.21	2.4	5.2	0.12	5	5.1	4.9

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Acme Analytical Laboratories (Vancouver) 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

Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000042.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	%	ppm	ppb	ppm	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	0.1	2	0.01	0.001	1
STD DS9	Standard	12.6	110.4	135.2	300	1.8	40.7	7.3	614	2.25	25.3	116.4	6.2	76	2.5	5.7	7.2	38	0.69	0.089	13
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
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	0.2	<0.1	<1	0.02	<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	0.02	<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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Acme Analytical Laboratories (Vancouver) 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

Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000042.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
		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
STD DS9	Standard	115	0.62	284	0.109	<1	0.91	0.095	0.38	3.0	0.20	1.9	5.5	0.08	4	4.9	4.2
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<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
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

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Goldstrike Resources Ltd.**
1300 - 1111 West Georgia Street
Vancouver BC V6E 4M3 CANADA

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: August 09, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000041.1

CLIENT JOB INFORMATION

Project: Lucky Strike
Shipment ID: LUC_ROCK_2013_1
P.O. Number
Number of Samples: 9

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	9	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	9	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	9	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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

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

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000041.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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
1232101	Rock	1.31	4	1.5	29.1	10.8	16	0.1	8.7	5.7	147	1.34	12.8	2.8	4.7	6	<0.1	1.5	0.3	18	0.01
1232102	Rock	2.77	4	5.6	56.3	20.4	85	0.1	44.4	10.4	257	4.74	6.8	2.1	6.4	10	0.2	0.6	0.1	36	0.05
1232103	Rock	1.49	98	53.6	22.6	15.5	170	0.2	32.6	11.7	360	7.27	8.7	51.9	3.3	21	0.2	2.1	<0.1	39	0.02
1227801	Rock	1.01	3	1.9	42.0	18.3	93	0.1	48.3	11.6	329	2.88	14.4	1.5	7.4	9	<0.1	0.3	<0.1	24	0.02
1227802	Rock	1.02	12	0.9	39.0	24.9	14	0.3	4.9	0.8	42	1.47	28.4	8.5	4.7	20	<0.1	1.2	<0.1	9	<0.01
1227803	Rock	3.41	95	1.3	44.6	17.3	101	0.2	25.9	6.9	206	3.75	21.3	71.1	4.5	8	0.2	0.6	<0.1	19	<0.01
1227804	Rock	1.08	9	3.1	47.7	13.0	39	<0.1	12.6	6.6	145	3.17	28.8	4.6	6.1	11	0.1	0.3	0.1	33	0.02
1227805	Rock	1.02	8	0.7	28.3	12.2	122	0.1	39.8	8.6	176	3.68	1.3	5.2	12.2	7	0.1	0.2	0.1	45	0.07
1227806	Rock	1.41	5389	11.9	29.1	20.3	38	0.6	13.1	2.1	63	2.83	16.0	1647	3.0	6	<0.1	2.2	0.4	8	0.02

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

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000041.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1232101	Rock	0.026	10	9	0.03	83	0.003	<20	0.25	0.003	0.17	<0.1	0.51	<0.1	<0.05	1.8	1.9	<1	<0.2
1232102	Rock	0.082	14	15	0.08	109	0.010	<20	0.39	0.004	0.19	<0.1	0.57	0.1	<0.05	3.4	1.2	1	<0.2
1232103	Rock	0.062	5	18	0.01	238	0.001	<20	0.28	0.001	0.09	<0.1	0.46	<0.1	<0.05	5.0	1.5	<1	<0.2
1227801	Rock	0.034	12	12	0.06	141	0.010	<20	0.36	0.003	0.18	<0.1	0.07	0.1	<0.05	2.6	0.6	1	<0.2
1227802	Rock	0.042	7	9	<0.01	400	0.002	<20	0.18	<0.001	0.06	<0.1	0.13	<0.1	<0.05	0.9	1.8	<1	0.3
1227803	Rock	0.091	10	8	0.07	230	0.015	<20	0.31	0.002	0.17	<0.1	0.06	0.1	<0.05	1.6	<0.5	<1	<0.2
1227804	Rock	0.070	12	13	0.04	142	0.006	<20	0.33	0.002	0.13	<0.1	0.10	<0.1	<0.05	3.2	0.8	<1	<0.2
1227805	Rock	0.043	21	27	0.31	225	0.077	<20	0.98	0.004	0.63	<0.1	0.02	0.4	<0.05	3.6	1.2	3	<0.2
1227806	Rock	0.034	7	7	<0.01	507	0.001	<20	0.21	<0.001	0.05	<0.1	0.11	<0.1	<0.05	4.1	2.5	<1	0.3

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

Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000041.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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																					
1227806	Rock	1.41	5389	11.9	29.1	20.3	38	0.6	13.1	2.1	63	2.83	16.0	1647	3.0	6	<0.1	2.2	0.4	8	0.02
REP 1227806	QC		5282																		
Reference Materials																					
STD DS9	Standard			13.1	115.2	141.4	322	1.8	42.8	7.8	628	2.51	27.3	122.8	6.8	81	2.7	4.6	6.2	42	0.76
STD OREAS45EA	Standard			1.4	727.4	16.7	30	0.3	406.2	55.1	438	24.14	9.8	59.0	12.4	4	<0.1	0.2	0.3	316	0.04
STD OXK94	Standard		3653																		
STD SH55	Standard		1423																		
STD SH55	Standard		1388																		
STD OXK94 Expected			3562																		
STD SH55 Expected			1375																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	53	10.7	4.05	0.03	0.64	0.26	295	0.032
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																					
G1-WHI	Prep Blank		<2	<0.1	2.0	16.5	51	0.1	4.2	4.4	622	2.12	<0.5	0.8	4.9	66	<0.1	<0.1	<0.1	40	0.53

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

Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000041.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
1227806	Rock	0.034	7	7	<0.01	507	0.001	<20	0.21	<0.001	0.05	<0.1	0.11	<0.1	<0.05	4.1	2.5	<1	0.3
REP 1227806	QC																		
Reference Materials																			
STD DS9	Standard	0.085	14	132	0.67	340	0.115	<20	1.03	0.085	0.42	3.2	0.20	5.4	0.18	2.3	4.7	5	5.6
STD OREAS45EA	Standard	0.028	7	840	0.11	154	0.096	<20	3.23	0.019	0.05	<0.1	0.02	<0.1	<0.05	83.7	<0.5	13	<0.2
STD OXK94	Standard																		
STD SH55	Standard																		
STD SH55	Standard																		
STD OXK94 Expected																			
STD SH55 Expected																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59	5.02
STD OREAS45EA Expected		0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.34	0.072	0.044	78	2.09	11.7	0.11
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	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			
G1-WHI	Prep Blank	0.081	11	8	0.64	248	0.135	<20	1.06	0.085	0.53	<0.1	<0.01	0.3	<0.05	2.2	<0.5	5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Goldstrike Resources Ltd.**
1300 - 1111 West Georgia Street
Vancouver BC V6E 4M3 CANADA

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: August 09, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000040.1

CLIENT JOB INFORMATION

Project: Lucky Strike
Shipment ID: LSTR_13_005
P.O. Number
Number of Samples: 22

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	28	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	29	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	29	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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

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

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000040.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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
1243666	Rock	3.32	64	49.1	31.2	12.5	127	0.2	25.6	7.8	396	4.05	6.9	125.0	7.2	22	0.1	1.3	0.3	42	0.02
1243667	Rock	2.93	5	28.2	34.5	7.8	59	<0.1	14.5	7.8	350	3.96	6.5	8.1	6.3	15	0.3	0.5	0.1	37	0.03
1243668	Rock	3.14	63	62.1	38.4	11.8	116	0.2	29.5	13.5	464	4.52	7.6	40.8	9.1	19	0.3	2.0	0.2	51	0.02
1243669	Rock	2.75	659	379.7	31.0	28.6	125	1.3	33.5	10.5	447	4.62	6.1	3088	6.2	13	0.3	2.5	0.2	27	0.02
1243670	Rock	3.61	207	266.2	22.3	26.5	70	0.3	19.3	12.9	669	4.07	5.3	132.0	6.4	11	0.2	1.0	0.2	23	0.03
1243671	Rock	2.89	84	101.9	35.5	11.8	89	0.1	26.3	8.7	265	3.38	4.5	28.0	9.2	17	0.1	0.5	0.2	31	0.04
1243672	Rock	2.70	11	60.3	47.9	12.7	114	0.1	26.1	6.8	274	6.13	5.8	10.7	10.3	18	0.2	0.9	0.2	56	0.03
1243673	Rock	3.08	185	315.9	29.5	43.9	81	0.3	18.2	6.3	192	4.28	4.4	237.2	11.0	13	0.5	1.4	0.4	33	0.03
1243674	Rock	2.73	556	634.4	33.6	83.6	96	0.3	21.9	8.2	160	4.67	5.0	66.2	12.5	13	0.5	1.4	0.9	37	0.02
1243675	Rock	3.04	6	22.3	49.1	15.0	74	0.2	15.8	5.3	174	4.15	11.6	15.9	10.5	29	0.2	1.1	0.4	37	0.03
LS-REP-7	Rock Pulp	0.80	4	3.1	20.8	2.7	35	0.3	17.7	8.5	327	2.01	2.9	2.5	1.0	39	0.2	0.3	<0.1	48	0.79
1243676	Rock	2.78	8	10.7	24.9	7.4	55	0.1	13.4	5.1	168	2.74	4.0	7.4	10.9	20	<0.1	0.5	0.2	29	0.06
1243677	Rock	2.94	3	8.5	26.7	5.0	46	0.1	10.7	5.2	217	3.44	4.0	3.7	10.1	12	0.1	0.4	0.2	20	0.03
1243678	Rock	3.29	<2	5.2	20.9	7.7	55	<0.1	13.3	6.9	263	2.97	7.4	2.2	13.4	15	0.1	0.5	0.2	23	0.05
1243679	Rock	2.68	<2	6.4	15.4	7.8	35	<0.1	8.5	4.5	228	2.72	7.0	1.2	7.0	14	0.1	0.3	0.1	19	0.04
1243680	Rock	3.02	<2	6.3	16.7	8.7	30	<0.1	7.4	4.1	145	2.60	5.8	<0.5	5.2	13	0.1	0.4	0.1	19	0.02
1243681	Rock	3.45	<2	5.7	16.9	10.0	46	<0.1	9.1	4.2	179	2.63	9.3	0.6	5.5	13	<0.1	0.6	0.1	21	0.03
1243682	Rock	3.61	<2	6.1	20.9	13.0	69	<0.1	15.3	5.3	181	3.67	13.0	2.3	5.8	15	0.1	0.6	0.1	29	0.02
1243683	Rock	3.01	10	9.1	51.3	26.2	142	0.2	26.1	6.8	166	4.52	13.5	6.2	6.8	24	0.3	0.4	0.2	33	0.03
1243684	Rock	2.88	64	12.9	63.0	24.1	152	0.1	36.4	10.8	403	5.45	11.3	62.3	6.1	20	0.4	0.8	0.2	32	0.03
1243685	Rock	2.27	28	9.4	45.9	23.7	149	0.2	28.9	9.3	342	4.55	6.9	33.3	7.8	22	0.4	0.4	0.2	28	0.03
1243686	Rock	3.63	634	9.4	71.6	15.3	298	0.7	72.7	15.8	526	8.99	10.7	2634	8.2	23	0.8	0.5	0.2	45	0.03

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

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000040.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1243666	Rock	0.068	19	18	0.08	311	0.007	<20	0.71	<0.001	0.19	<0.1	3.58	0.2	<0.05	7.2	1.5	2	0.4
1243667	Rock	0.069	17	16	0.15	231	0.021	<20	0.80	0.001	0.30	<0.1	2.23	0.3	<0.05	4.8	0.6	2	<0.2
1243668	Rock	0.093	28	22	0.15	319	0.033	<20	0.92	0.001	0.36	<0.1	2.94	0.3	<0.05	7.6	1.5	3	<0.2
1243669	Rock	0.079	19	11	0.04	824	0.004	<20	0.52	0.001	0.14	<0.1	2.85	0.3	<0.05	8.6	1.6	2	0.4
1243670	Rock	0.069	20	9	0.03	307	0.002	<20	0.66	0.001	0.08	<0.1	1.83	0.2	<0.05	6.9	0.9	2	0.3
1243671	Rock	0.063	26	16	0.15	1017	0.021	<20	0.88	0.002	0.30	<0.1	1.51	0.2	<0.05	5.0	1.0	3	<0.2
1243672	Rock	0.090	22	26	0.23	363	0.050	<20	1.21	0.003	0.52	<0.1	1.43	0.4	<0.05	6.5	2.1	4	<0.2
1243673	Rock	0.080	36	16	0.04	250	0.006	<20	0.65	<0.001	0.13	<0.1	2.50	0.1	<0.05	8.1	1.1	2	0.8
1243674	Rock	0.084	34	13	0.06	336	0.006	<20	0.80	<0.001	0.17	<0.1	3.54	0.2	<0.05	12.1	2.2	2	0.3
1243675	Rock	0.071	26	16	0.18	301	0.029	<20	0.92	0.011	0.39	<0.1	1.93	0.3	<0.05	5.4	1.7	3	<0.2
LS-REP-7	Rock Pulp	0.045	5	21	0.54	88	0.111	<20	1.22	0.070	0.09	15.8	0.04	<0.1	<0.05	3.7	<0.5	4	<0.2
1243676	Rock	0.034	27	13	0.17	292	0.041	<20	0.98	0.013	0.42	<0.1	0.84	0.3	<0.05	4.2	0.9	3	<0.2
1243677	Rock	0.045	18	5	0.16	167	0.035	<20	0.75	0.022	0.33	<0.1	0.65	0.2	<0.05	4.3	0.7	2	<0.2
1243678	Rock	0.039	20	9	0.18	191	0.056	<20	0.90	0.017	0.42	<0.1	0.87	0.3	<0.05	4.5	<0.5	3	<0.2
1243679	Rock	0.033	11	8	0.11	162	0.020	<20	0.71	0.013	0.26	<0.1	0.47	0.2	<0.05	3.4	0.8	3	<0.2
1243680	Rock	0.032	9	6	0.07	157	0.009	<20	0.56	0.013	0.18	<0.1	0.59	<0.1	<0.05	3.3	0.9	2	<0.2
1243681	Rock	0.035	9	8	0.07	187	0.011	<20	0.62	0.008	0.20	<0.1	0.56	0.1	<0.05	3.6	0.7	2	<0.2
1243682	Rock	0.042	10	11	0.06	213	0.007	<20	0.61	0.002	0.19	<0.1	0.62	0.1	<0.05	3.6	2.2	2	<0.2
1243683	Rock	0.071	11	17	0.06	388	0.005	<20	0.70	0.002	0.21	<0.1	0.49	0.1	<0.05	4.4	1.0	2	<0.2
1243684	Rock	0.085	10	15	0.06	419	0.006	<20	0.61	0.002	0.19	<0.1	0.42	0.1	<0.05	4.1	1.4	2	<0.2
1243685	Rock	0.063	12	16	0.08	489	0.007	<20	0.73	0.002	0.22	<0.1	0.52	0.2	<0.05	4.1	0.9	2	<0.2
1243686	Rock	0.131	16	22	0.06	388	0.005	<20	0.67	0.003	0.22	<0.1	0.56	0.2	<0.05	5.7	0.8	2	<0.2

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

Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000040.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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																					
1243669	Rock	2.75	659	379.7	31.0	28.6	125	1.3	33.5	10.5	447	4.62	6.1	3088	6.2	13	0.3	2.5	0.2	27	0.02
REP 1243669	QC		648																		
1243686	Rock	3.63	634	9.4	71.6	15.3	298	0.7	72.7	15.8	526	8.99	10.7	2634	8.2	23	0.8	0.5	0.2	45	0.03
REP 1243686	QC			9.3	70.6	15.6	300	0.2	73.0	15.9	527	9.12	11.1	252.5	8.3	25	0.8	0.6	0.2	45	0.03
Reference Materials																					
STD DS9	Standard			12.8	106.4	135.0	320	2.1	39.7	7.5	609	2.44	26.2	142.8	8.0	93	2.5	4.9	7.0	40	0.77
STD OREAS45EA	Standard			1.4	692.7	18.9	34	0.3	414.6	53.4	417	25.28	12.0	51.7	13.4	5	<0.1	0.2	0.3	323	0.04
STD OXK94	Standard		3615																		
STD OXK94	Standard		3587																		
STD SH55	Standard		1426																		
STD SH55	Standard		1372																		
STD SH55 Expected			1375																		
STD OXK94 Expected			3562																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	53	10.7	4.05	0.03	0.64	0.26	295	0.032
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	0.7	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1-WHI	Prep Blank		<2	<0.1	2.5	4.0	48	<0.1	3.6	4.1	603	2.08	0.7	<0.5	5.7	83	<0.1	<0.1	<0.1	37	0.58
G1-WHI	Prep Blank		<2	0.1	2.2	4.3	49	<0.1	3.6	4.2	622	2.10	<0.5	<0.5	5.7	88	<0.1	<0.1	<0.1	37	0.56

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

Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000040.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
1243669	Rock	0.079	19	11	0.04	824	0.004	<20	0.52	0.001	0.14	<0.1	2.85	0.3	<0.05	8.6	1.6	2	0.4
REP 1243669	QC																		
1243686	Rock	0.131	16	22	0.06	388	0.005	<20	0.67	0.003	0.22	<0.1	0.56	0.2	<0.05	5.7	0.8	2	<0.2
REP 1243686	QC	0.144	16	23	0.06	402	0.005	<20	0.68	0.003	0.23	<0.1	0.58	0.2	<0.05	6.4	0.8	2	<0.2
Reference Materials																			
STD DS9	Standard	0.084	17	123	0.65	334	0.116	<20	1.03	0.091	0.42	2.1	0.20	5.1	0.16	2.6	5.4	5	4.9
STD OREAS45EA	Standard	0.030	8	754	0.13	156	0.097	<20	3.78	0.018	0.06	<0.1	0.03	<0.1	<0.05	88.2	1.2	14	<0.2
STD OXK94	Standard																		
STD OXK94	Standard																		
STD SH55	Standard																		
STD SH55	Standard																		
STD SH55 Expected																			
STD OXK94 Expected																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59	5.02
STD OREAS45EA Expected		0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.34	0.072	0.044	78	2.09	11.7	0.11
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	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			
G1-WHI	Prep Blank	0.077	13	7	0.63	216	0.134	<20	1.09	0.086	0.50	<0.1	<0.01	0.3	<0.05	2.5	<0.5	5	<0.2
G1-WHI	Prep Blank	0.081	14	7	0.62	220	0.139	<20	1.13	0.088	0.51	<0.1	<0.01	0.3	<0.05	2.5	<0.5	6	<0.2

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Client: **Goldstrike Resources Ltd.**
1300 - 1111 West Georgia Street
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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: August 09, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000039.1

CLIENT JOB INFORMATION

Project: Lucky Strike
Shipment ID: LSTR_13_004
P.O. Number
Number of Samples: 26

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	25	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	26	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	26	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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

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Client: **Goldstrike Resources Ltd.**
1300 - 1111 West Georgia Street
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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000039.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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
1243634	Rock	2.24	<2	1.2	39.4	8.1	30	<0.1	21.7	8.4	453	1.98	6.3	1.0	4.3	10	<0.1	0.5	0.1	32	0.02
1243635	Rock	3.82	<2	1.2	30.6	6.5	44	<0.1	27.9	14.7	1400	2.24	8.5	1.8	3.9	10	0.2	1.0	0.1	21	0.02
1243636	Rock	2.88	<2	2.5	64.1	10.5	110	0.2	73.4	40.2	3887	5.43	14.7	1.0	4.5	16	0.4	2.8	0.1	28	0.02
1243637	Rock	2.82	<2	1.4	53.6	14.1	121	0.2	41.5	15.0	576	4.38	9.5	1.3	4.7	13	0.2	1.7	0.2	33	0.03
1243638	Rock	2.70	<2	2.6	59.9	9.2	75	0.1	24.7	7.3	135	3.56	10.2	1.0	3.5	9	0.2	1.1	<0.1	30	0.04
1243639	Rock	2.29	6	3.2	50.9	7.4	35	0.1	11.6	4.2	155	2.18	5.0	5.0	3.8	13	<0.1	0.8	0.2	19	0.03
1243640	Rock	2.44	<2	2.4	75.5	6.0	55	<0.1	14.0	4.2	113	3.09	6.4	1.8	4.5	15	0.2	0.9	<0.1	14	0.03
1243641	Rock	3.16	<2	5.9	62.7	8.9	57	<0.1	18.5	4.9	189	3.49	8.3	2.9	6.9	14	0.2	0.7	0.1	40	0.06
1243642	Rock	3.54	8	23.3	54.1	11.1	142	0.1	62.6	21.5	1337	4.77	6.6	8.9	7.5	12	0.5	1.1	<0.1	43	0.04
1243643	Rock	4.14	325	288.3	41.3	22.7	121	0.2	25.0	9.5	598	5.75	7.5	149.3	13.2	9	0.1	2.5	0.2	47	0.02
1243644	Rock	4.12	164	197.4	17.1	29.5	86	0.4	26.5	13.8	524	4.01	3.7	126.7	5.6	6	<0.1	1.3	0.2	22	0.02
1243645	Rock	1.97	293	452.2	36.4	22.2	88	0.5	22.3	10.0	285	4.12	5.6	164.5	6.1	6	<0.1	2.3	0.2	28	0.01
1243646	Rock	2.71	121	36.5	18.8	5.1	68	0.2	17.9	8.9	520	3.74	3.5	171.3	8.8	7	<0.1	0.5	<0.1	19	0.02
1243647	Rock	2.60	14	27.8	34.6	28.7	52	0.1	17.0	9.0	418	3.30	14.5	8.7	4.8	13	0.2	0.8	0.2	23	0.02
1243648	Rock	2.90	<2	6.8	24.9	25.7	35	0.1	9.0	3.0	71	1.23	18.0	1.4	2.7	27	0.3	1.8	0.2	18	0.02
1243649	Rock	2.51	<2	5.4	39.0	30.6	28	0.1	8.7	3.2	91	1.96	34.4	3.9	3.2	21	0.2	3.4	0.2	21	0.02
1243650	Rock	2.42	140	194.6	45.7	46.9	126	0.3	28.0	8.1	265	4.43	17.5	47.4	4.4	11	<0.1	2.2	0.2	25	0.02
LS-REP-6	Rock Pulp	0.08	6464	1.3	15.2	22.4	56	0.1	12.0	1.3	924	0.53	4407	6808	1.3	193	0.4	18.9	0.4	19	25.38
1243651	Rock	3.09	229	72.7	49.6	21.5	69	0.3	19.1	5.9	260	3.68	19.3	203.1	4.8	16	0.2	2.3	0.1	29	0.02
1243652	Rock	3.43	45	83.1	35.1	37.4	57	0.2	16.5	5.6	163	2.28	9.8	33.5	3.6	14	0.1	1.8	0.4	18	0.02
1243653	Rock	3.08	149	197.9	24.9	110.3	55	0.4	17.2	5.8	192	2.13	7.6	101.7	3.2	12	<0.1	1.7	1.2	17	0.01
1243654	Rock	2.68	26	5.1	39.9	13.4	118	0.1	37.7	11.4	487	4.10	13.1	29.0	8.3	11	0.2	0.7	0.2	30	0.02
1243655	Rock	2.71	215	6.2	42.2	17.2	195	0.2	55.9	17.1	501	5.78	19.2	175.9	5.8	12	0.5	1.3	0.2	30	0.03
1243656	Rock	2.53	4	3.6	31.9	15.6	82	0.1	24.5	7.4	219	2.95	11.7	18.1	4.9	12	0.1	0.5	0.1	24	0.02
1243657	Rock	2.98	109	4.4	43.4	43.8	67	0.2	20.0	5.1	138	3.13	17.6	107.5	5.3	13	0.1	0.9	0.4	22	0.02
1243658	Rock	3.58	17	1.8	43.0	15.2	111	<0.1	33.7	9.9	252	3.71	25.0	17.4	6.5	15	0.2	1.2	0.2	32	0.03

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

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000039.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1243634	Rock	0.033	9	14	0.08	167	0.015	<20	0.43	0.002	0.17	<0.1	0.30	<0.1	<0.05	3.4	<0.5	2	<0.2
1243635	Rock	0.032	8	10	0.05	234	0.010	<20	0.35	0.003	0.15	<0.1	0.38	<0.1	<0.05	2.5	<0.5	1	<0.2
1243636	Rock	0.075	12	12	0.06	469	0.010	<20	0.38	0.005	0.20	2.3	0.57	0.1	<0.05	3.1	<0.5	1	<0.2
1243637	Rock	0.065	10	16	0.04	198	0.008	<20	0.35	0.002	0.16	<0.1	0.45	0.1	<0.05	3.1	0.6	1	<0.2
1243638	Rock	0.058	7	11	0.03	127	0.005	<20	0.37	0.011	0.14	<0.1	0.64	<0.1	<0.05	3.0	1.1	1	<0.2
1243639	Rock	0.041	9	7	0.07	183	0.015	<20	0.41	0.016	0.19	0.9	0.62	0.2	0.06	3.3	1.1	2	<0.2
1243640	Rock	0.058	11	5	0.06	255	0.008	<20	0.45	0.018	0.21	<0.1	1.59	0.1	0.06	4.7	0.6	1	<0.2
1243641	Rock	0.069	14	22	0.15	249	0.026	<20	0.69	0.004	0.32	<0.1	3.33	0.2	<0.05	5.1	1.2	2	<0.2
1243642	Rock	0.073	22	27	0.16	476	0.030	<20	0.78	0.005	0.37	0.5	3.68	0.3	<0.05	6.3	2.1	2	<0.2
1243643	Rock	0.107	46	19	0.03	233	0.004	<20	0.47	0.002	0.10	0.2	3.89	0.1	<0.05	12.1	2.4	1	0.4
1243644	Rock	0.060	18	10	0.02	209	0.003	<20	0.50	0.003	0.08	<0.1	1.92	0.2	<0.05	6.3	1.5	1	<0.2
1243645	Rock	0.055	18	13	0.05	158	0.008	<20	0.45	0.003	0.13	0.4	2.12	0.1	<0.05	5.8	1.7	1	0.4
1243646	Rock	0.044	21	6	0.03	274	0.005	<20	0.41	0.004	0.12	<0.1	7.43	0.2	<0.05	5.4	0.9	1	<0.2
1243647	Rock	0.045	11	10	0.02	271	0.002	<20	0.36	0.002	0.11	<0.1	2.07	0.1	<0.05	3.9	1.0	1	<0.2
1243648	Rock	0.022	7	9	0.02	420	0.003	<20	0.36	0.002	0.13	0.5	0.94	<0.1	<0.05	2.3	<0.5	<1	<0.2
1243649	Rock	0.044	7	11	0.01	346	0.002	<20	0.31	0.002	0.10	<0.1	1.02	<0.1	<0.05	1.9	1.7	<1	<0.2
1243650	Rock	0.047	11	13	0.02	206	0.002	<20	0.38	0.004	0.13	<0.1	0.56	0.1	<0.05	3.1	1.5	<1	0.3
LS-REP-6	Rock Pulp	0.015	7	24	6.74	41	0.001	<20	0.22	0.016	0.06	3.9	4.53	16.5	<0.05	1.9	<0.5	<1	<0.2
1243651	Rock	0.048	13	14	0.03	233	0.004	<20	0.34	0.003	0.13	0.4	0.63	0.2	<0.05	3.4	1.4	1	<0.2
1243652	Rock	0.033	9	12	0.03	398	0.005	<20	0.33	0.003	0.15	<0.1	0.47	0.1	<0.05	2.7	0.7	1	0.2
1243653	Rock	0.029	7	11	0.02	198	0.003	<20	0.31	0.002	0.10	<0.1	0.42	0.1	<0.05	2.3	0.7	<1	0.6
1243654	Rock	0.061	19	16	0.06	241	0.011	<20	0.41	0.003	0.21	<0.1	0.24	0.2	<0.05	3.9	1.1	1	<0.2
1243655	Rock	0.084	15	14	0.03	236	0.005	<20	0.42	0.003	0.18	<0.1	0.45	0.1	<0.05	3.7	1.0	1	<0.2
1243656	Rock	0.038	12	13	0.03	344	0.004	<20	0.33	0.003	0.14	0.4	0.36	<0.1	<0.05	2.9	<0.5	1	<0.2
1243657	Rock	0.047	13	11	0.03	146	0.003	<20	0.35	0.003	0.15	<0.1	0.36	<0.1	<0.05	2.7	0.8	1	<0.2
1243658	Rock	0.054	15	14	0.04	522	0.005	<20	0.41	0.003	0.17	<0.1	0.14	0.1	<0.05	4.6	0.9	1	<0.2

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Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000039.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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																					
1243637	Rock	2.82	<2	1.4	53.6	14.1	121	0.2	41.5	15.0	576	4.38	9.5	1.3	4.7	13	0.2	1.7	0.2	33	0.03
REP 1243637	QC			1.7	57.9	14.5	126	0.2	43.7	15.1	608	4.57	10.0	2.4	4.9	13	0.2	1.6	0.2	35	0.03
1243642	Rock	3.54	8	23.3	54.1	11.1	142	0.1	62.6	21.5	1337	4.77	6.6	8.9	7.5	12	0.5	1.1	<0.1	43	0.04
REP 1243642	QC		6																		
Core Reject Duplicates																					
1243653	Rock	3.08	149	197.9	24.9	110.3	55	0.4	17.2	5.8	192	2.13	7.6	101.7	3.2	12	<0.1	1.7	1.2	17	0.01
DUP 1243653	QC		144	209.3	27.6	117.2	60	0.4	17.0	6.4	212	2.27	7.7	180.0	3.5	13	<0.1	1.7	1.3	18	0.01
Reference Materials																					
STD DS9	Standard			15.1	122.4	137.6	328	1.9	44.9	8.4	633	2.54	25.4	96.1	6.6	74	2.2	4.9	6.8	42	0.76
STD OREAS45EA	Standard			1.6	730.8	17.0	30	0.3	407.4	54.8	413	25.21	9.8	61.8	11.6	4	<0.1	0.2	0.3	309	0.03
STD OXK94	Standard		3615																		
STD OXK94	Standard		3595																		
STD SH55	Standard		1426																		
STD SH55	Standard		1382																		
STD SH55 Expected			1375																		
STD OXK94 Expected			3562																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	53	10.7	4.05	0.03	0.64	0.26	295	0.032
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
Prep Wash																					
G1-WHI	Prep Blank		<2	0.1	2.1	3.7	53	<0.1	5.1	5.1	616	2.11	<0.5	2.7	5.4	62	<0.1	<0.1	<0.1	39	0.49
G1-WHI	Prep Blank		<2	0.1	1.9	5.7	51	<0.1	4.4	5.4	607	2.09	<0.5	<0.5	4.9	72	<0.1	<0.1	<0.1	38	0.52

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Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000039.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
1243637	Rock	0.065	10	16	0.04	198	0.008	<20	0.35	0.002	0.16	<0.1	0.45	0.1	<0.05	3.1	0.6	1	<0.2
REP 1243637	QC	0.063	10	16	0.05	203	0.008	<20	0.36	0.004	0.17	<0.1	0.47	0.1	<0.05	3.3	<0.5	1	<0.2
1243642	Rock	0.073	22	27	0.16	476	0.030	<20	0.78	0.005	0.37	0.5	3.68	0.3	<0.05	6.3	2.1	2	<0.2
REP 1243642	QC																		
Core Reject Duplicates																			
1243653	Rock	0.029	7	11	0.02	198	0.003	<20	0.31	0.002	0.10	<0.1	0.42	0.1	<0.05	2.3	0.7	<1	0.6
DUP 1243653	QC	0.031	8	11	0.02	215	0.003	<20	0.32	0.003	0.12	0.7	0.48	0.1	<0.05	2.7	1.0	1	0.7
Reference Materials																			
STD DS9	Standard	0.082	14	135	0.68	335	0.122	<20	1.04	0.092	0.43	3.0	0.23	5.5	0.18	2.4	6.8	5	5.0
STD OREAS45EA	Standard	0.026	8	894	0.09	157	0.092	<20	3.34	0.026	0.06	<0.1	0.01	<0.1	<0.05	75.5	0.9	13	<0.2
STD OXK94	Standard																		
STD OXK94	Standard																		
STD SH55	Standard																		
STD SH55	Standard																		
STD SH55 Expected																			
STD OXK94 Expected																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59	5.02
STD OREAS45EA Expected		0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.34	0.072	0.044	78	2.09	11.7	0.11
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	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			
G1-WHI	Prep Blank	0.082	11	8	0.64	254	0.148	<20	1.03	0.074	0.53	<0.1	<0.01	0.3	<0.05	2.3	<0.5	5	<0.2
G1-WHI	Prep Blank	0.076	11	8	0.64	244	0.146	<20	1.05	0.091	0.53	3.3	<0.01	0.3	<0.05	2.3	<0.5	5	<0.2

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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: August 09, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI13000038.1

CLIENT JOB INFORMATION

Project: Lucky Strike
Shipment ID: LSTR_13_003
P.O. Number
Number of Samples: 37

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	35	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	37	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	37	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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

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1300 - 1111 West Georgia Street
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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000038.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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
1243599	Rock	2.13	<2	0.8	22.7	9.7	38	<0.1	12.1	3.6	95	1.71	7.1	<0.5	4.4	8	0.1	0.6	0.1	23	0.06
1243600	Rock	2.96	5	3.6	27.0	20.4	72	0.2	31.6	21.1	1521	3.84	16.4	6.8	3.1	10	0.7	1.0	0.1	28	0.02
LS-REP-4	Rock Pulp	0.80	501	37.9	>10000	997.6	>10000	58.9	16.4	3.9	607	12.68	106.7	1405	<0.1	31	224.0	24.0	8.1	8	1.53
1243601	Rock	3.83	6	10.0	28.6	18.1	116	0.3	41.5	41.5	3449	5.10	22.1	3.6	3.5	9	1.1	2.0	<0.1	28	<0.01
1243602	Rock	2.16	<2	1.4	13.8	29.4	24	0.1	11.5	1.5	54	1.29	7.8	4.5	2.9	8	<0.1	1.2	<0.1	15	<0.01
1243603	Rock	2.67	3	1.6	17.5	7.8	20	<0.1	9.1	5.1	116	1.47	6.5	2.1	4.9	7	0.1	0.5	<0.1	16	0.01
1243604	Rock	2.91	2	0.6	15.3	6.9	20	<0.1	9.2	3.9	87	0.99	2.8	0.9	6.2	9	<0.1	0.3	<0.1	17	0.05
1243605	Rock	2.20	<2	1.6	50.9	7.1	51	0.1	21.2	10.8	259	2.86	13.9	1.4	6.2	10	0.1	0.7	0.2	35	0.05
1243606	Rock	2.17	<2	1.7	37.2	7.8	62	<0.1	21.5	8.3	284	2.96	12.3	3.8	7.9	8	<0.1	0.7	0.1	33	0.06
1243607	Rock	2.88	<2	1.2	49.0	5.9	39	<0.1	18.5	7.3	146	2.05	12.0	1.6	5.1	14	<0.1	0.8	0.1	35	0.05
1243608	Rock	2.36	<2	1.8	47.6	10.4	73	<0.1	29.4	8.1	285	3.67	11.1	1.4	6.8	13	0.1	0.6	0.2	38	0.08
1243609	Rock	2.28	<2	1.0	26.9	12.4	63	<0.1	24.8	7.6	533	1.70	8.7	1.3	6.1	9	0.2	0.5	0.4	23	0.06
1243610	Rock	2.34	<2	2.0	29.3	9.8	71	0.1	40.1	12.0	862	3.45	13.5	1.3	5.1	9	<0.1	0.8	0.2	22	0.05
1243611	Rock	2.60	<2	1.3	30.4	18.1	101	0.2	50.9	18.4	1192	3.34	17.2	<0.5	6.7	9	0.2	0.7	0.4	35	0.07
1243612	Rock	2.43	<2	1.6	33.9	16.8	151	0.1	58.8	19.8	940	3.97	24.8	2.5	8.9	10	0.2	0.8	0.3	30	0.10
1243613	Rock	2.79	<2	1.5	32.4	18.4	130	0.1	47.5	17.0	927	3.91	19.2	<0.5	6.4	13	0.2	1.3	0.2	27	0.06
1243614	Rock	2.24	11	0.9	27.5	11.6	77	<0.1	28.0	9.5	309	2.00	40.8	2.3	5.0	10	0.2	0.8	0.2	26	0.05
1243615	Rock	2.88	4	1.3	23.9	25.0	51	0.3	10.5	3.4	79	1.90	24.4	4.8	5.7	14	0.1	1.3	0.3	27	0.03
1243616	Rock	2.45	3	5.1	36.5	17.2	83	0.2	19.1	5.3	166	5.28	10.0	1.5	6.0	9	0.3	0.7	0.1	32	0.07
1243617	Rock	2.91	9	4.5	22.0	8.0	44	<0.1	11.7	3.4	109	3.12	4.7	2.0	4.5	11	<0.1	0.4	0.2	25	0.06
1243618	Rock	2.99	<2	6.9	18.2	7.0	33	<0.1	8.4	3.4	128	2.34	6.9	1.7	4.5	9	0.1	0.4	<0.1	21	0.02
1243619	Rock	2.51	2	5.4	22.2	9.3	51	<0.1	12.4	2.9	99	2.27	13.1	<0.5	4.4	13	0.1	0.9	<0.1	24	0.02
1243620	Rock	3.71	802	48.5	43.6	63.1	137	0.5	23.5	6.6	188	4.49	4.9	915.1	3.9	11	0.3	1.8	0.2	27	0.02
1243621	Rock	4.51	126	29.2	47.4	31.8	155	0.2	31.0	7.8	224	4.77	6.1	131.0	6.3	11	0.5	1.4	0.1	47	0.03
1243622	Rock	3.24	491	16.4	56.5	23.8	131	0.2	32.2	9.2	267	4.43	20.4	181.6	6.2	11	0.2	0.9	0.2	41	0.03
1243623	Rock	3.29	162	5.3	41.8	11.8	115	0.2	32.7	11.0	380	4.68	13.2	62.6	6.5	10	0.2	0.7	0.2	30	0.02
1243624	Rock	2.35	6	2.4	19.7	8.0	90	<0.1	23.8	8.0	319	3.08	9.3	6.9	5.7	12	0.1	0.4	<0.1	32	0.02
1243625	Rock	2.12	21	2.5	26.6	9.3	110	<0.1	27.0	8.7	323	3.47	9.8	10.2	6.4	17	0.2	0.5	<0.1	32	0.03
LS-REP-5	Rock Pulp	0.80	<2	3.3	22.9	2.4	36	0.5	18.2	9.4	313	1.99	3.0	<0.5	1.0	29	0.2	0.3	<0.1	47	0.69
1243626	Rock	2.47	8	2.9	34.7	10.2	129	0.1	27.3	9.0	272	3.82	13.3	8.0	5.8	13	0.3	0.4	0.1	29	0.02

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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1300 - 1111 West Georgia Street
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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000038.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1243599	Rock	0.027	9	13	0.13	92	0.030	<20	0.46	0.003	0.26	<0.1	0.38	0.2	<0.05	1.8	<0.5	2	<0.2
1243600	Rock	0.075	8	10	0.04	356	0.005	<20	0.33	0.002	0.14	0.5	2.22	0.3	<0.05	2.3	<0.5	<1	<0.2
LS-REP-4	Rock Pulp	0.037	<1	12	1.55	18	0.002	<20	0.63	0.022	0.06	0.3	2.83	0.8	>10	1.5	2.1	5	7.2
1243601	Rock	0.092	8	10	0.02	574	0.003	<20	0.24	0.002	0.11	<0.1	4.65	0.4	<0.05	2.2	0.6	<1	<0.2
1243602	Rock	0.026	6	6	0.01	66	0.001	<20	0.26	0.003	0.14	<0.1	0.94	<0.1	<0.05	1.5	<0.5	<1	<0.2
1243603	Rock	0.029	8	6	0.04	82	0.006	<20	0.28	0.003	0.16	0.3	0.42	0.1	<0.05	1.4	<0.5	<1	<0.2
1243604	Rock	0.017	11	9	0.09	123	0.017	<20	0.43	0.006	0.26	<0.1	0.23	0.1	<0.05	1.5	<0.5	1	<0.2
1243605	Rock	0.043	13	14	0.15	150	0.034	<20	0.57	0.003	0.31	<0.1	0.36	0.2	<0.05	2.6	0.7	2	0.3
1243606	Rock	0.036	20	14	0.18	199	0.052	<20	0.69	0.004	0.42	0.2	0.25	0.3	<0.05	2.8	<0.5	2	<0.2
1243607	Rock	0.028	12	18	0.17	130	0.036	<20	0.54	0.003	0.31	<0.1	0.29	0.2	<0.05	2.6	1.2	2	<0.2
1243608	Rock	0.050	15	20	0.17	203	0.036	<20	0.71	0.003	0.39	<0.1	0.61	0.2	<0.05	3.4	1.0	2	<0.2
1243609	Rock	0.025	9	12	0.11	201	0.025	<20	0.48	0.002	0.27	0.3	0.32	0.2	<0.05	1.9	<0.5	2	<0.2
1243610	Rock	0.048	9	11	0.08	170	0.017	<20	0.44	0.009	0.21	<0.1	0.38	0.1	<0.05	2.9	<0.5	2	<0.2
1243611	Rock	0.042	11	15	0.12	207	0.022	<20	0.52	0.008	0.26	<0.1	0.31	0.2	<0.05	3.3	<0.5	2	<0.2
1243612	Rock	0.068	13	15	0.12	263	0.025	<20	0.57	0.008	0.29	0.1	0.27	0.2	<0.05	3.2	<0.5	2	<0.2
1243613	Rock	0.055	13	13	0.06	210	0.008	<20	0.52	0.004	0.22	<0.1	0.32	0.1	<0.05	3.7	<0.5	2	<0.2
1243614	Rock	0.037	9	11	0.03	138	0.003	<20	0.38	0.004	0.13	0.1	0.38	0.1	<0.05	2.9	<0.5	1	<0.2
1243615	Rock	0.045	9	16	0.03	152	0.004	<20	0.37	0.007	0.18	<0.1	0.32	0.2	0.07	3.0	0.8	2	0.3
1243616	Rock	0.060	9	15	0.16	525	0.032	<20	0.68	0.004	0.35	<0.1	0.26	0.4	<0.05	3.1	2.5	2	<0.2
1243617	Rock	0.038	9	10	0.12	168	0.024	<20	0.58	0.003	0.28	<0.1	0.55	0.2	<0.05	2.9	1.1	2	<0.2
1243618	Rock	0.028	8	9	0.05	159	0.008	<20	0.45	0.008	0.18	<0.1	0.58	0.1	<0.05	3.1	<0.5	2	<0.2
1243619	Rock	0.031	8	10	0.04	327	0.005	<20	0.36	0.003	0.16	<0.1	0.35	<0.1	<0.05	2.7	0.8	1	<0.2
1243620	Rock	0.051	8	12	0.04	626	0.003	<20	0.43	0.002	0.16	0.2	0.75	<0.1	<0.05	3.7	2.6	1	<0.2
1243621	Rock	0.074	17	17	0.05	648	0.007	<20	0.43	0.008	0.16	<0.1	0.40	0.1	<0.05	6.3	1.4	1	<0.2
1243622	Rock	0.080	12	19	0.04	368	0.004	<20	0.42	0.003	0.14	<0.1	0.44	<0.1	<0.05	6.8	0.6	2	<0.2
1243623	Rock	0.083	15	13	0.06	302	0.011	<20	0.42	0.004	0.21	0.2	0.29	0.2	<0.05	3.8	0.8	1	<0.2
1243624	Rock	0.043	11	21	0.05	258	0.006	<20	0.51	0.003	0.16	<0.1	0.33	0.2	<0.05	4.6	<0.5	2	<0.2
1243625	Rock	0.057	13	18	0.08	237	0.008	<20	0.47	0.003	0.18	<0.1	0.20	0.1	<0.05	4.9	<0.5	2	<0.2
LS-REP-5	Rock Pulp	0.049	5	22	0.53	90	0.107	<20	1.12	0.065	0.09	17.0	0.02	<0.1	<0.05	3.7	<0.5	4	<0.2
1243626	Rock	0.058	11	18	0.05	188	0.004	<20	0.45	0.003	0.15	0.3	0.15	<0.1	<0.05	4.0	0.9	2	<0.2

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000038.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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
1243627	Rock	2.22	9	3.7	35.6	12.3	99	0.1	23.8	7.9	243	3.80	18.1	6.5	6.8	9	0.2	0.6	0.2	32	0.02
1243628	Rock	2.67	2	2.5	41.5	14.3	81	<0.1	21.1	6.6	225	3.69	24.5	1.1	5.0	12	0.3	1.0	0.2	22	0.01
1243629	Rock	2.67	10	1.9	40.9	31.7	93	0.1	26.1	7.5	160	3.43	20.8	8.7	8.8	12	0.2	1.3	0.2	25	0.01
1243630	Rock	2.52	417	5.6	38.3	18.1	107	0.2	23.8	9.8	399	3.08	30.1	234.6	6.9	27	0.3	3.5	0.3	26	0.02
1243631	Rock	2.99	2251	24.5	63.1	102.7	80	2.1	25.6	7.2	267	3.49	35.1	1704	5.4	13	0.3	21.6	0.3	30	0.02
1243632	Rock	3.30	97	2.7	57.8	17.2	72	<0.1	24.8	8.0	219	3.48	21.8	21.3	5.9	12	0.3	0.8	0.3	31	0.02
1243633	Rock	3.70	<2	1.7	42.6	15.9	65	<0.1	16.1	7.5	179	2.64	29.4	2.4	5.6	14	0.2	0.9	0.3	30	0.01

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000038.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1243627	Rock	0.063	13	16	0.06	283	0.009	<20	0.44	0.003	0.18	<0.1	0.14	<0.1	<0.05	3.3	0.6	2	<0.2
1243628	Rock	0.077	11	13	0.02	145	0.002	<20	0.30	0.002	0.13	<0.1	0.08	<0.1	<0.05	2.3	<0.5	<1	<0.2
1243629	Rock	0.064	22	18	0.02	149	0.003	<20	0.29	0.003	0.15	0.1	0.07	<0.1	<0.05	4.9	1.4	<1	<0.2
1243630	Rock	0.043	11	16	0.03	2234	0.004	<20	0.37	0.003	0.15	<0.1	1.26	0.1	<0.05	3.1	0.5	1	<0.2
1243631	Rock	0.057	11	15	0.04	937	0.010	<20	0.35	0.003	0.15	<0.1	0.83	0.1	<0.05	3.5	1.8	1	<0.2
1243632	Rock	0.058	12	15	0.05	418	0.008	<20	0.44	0.003	0.18	0.2	0.09	0.1	<0.05	3.2	0.5	2	<0.2
1243633	Rock	0.049	11	14	0.03	175	0.005	<20	0.37	0.003	0.15	<0.1	0.10	<0.1	<0.05	3.1	0.8	1	<0.2

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Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000038.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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																					
1243606	Rock	2.17	<2	1.7	37.2	7.8	62	<0.1	21.5	8.3	284	2.96	12.3	3.8	7.9	8	<0.1	0.7	0.1	33	0.06
REP 1243606	QC			1.6	35.2	8.0	61	0.1	21.2	8.7	280	2.91	12.6	2.8	7.4	8	0.1	0.7	<0.1	33	0.06
1243611	Rock	2.60	<2	1.3	30.4	18.1	101	0.2	50.9	18.4	1192	3.34	17.2	<0.5	6.7	9	0.2	0.7	0.4	35	0.07
REP 1243611	QC		<2																		
Core Reject Duplicates																					
1243612	Rock	2.43	<2	1.6	33.9	16.8	151	0.1	58.8	19.8	940	3.97	24.8	2.5	8.9	10	0.2	0.8	0.3	30	0.10
DUP 1243612	QC		<2	1.4	31.1	15.9	137	0.1	56.2	18.0	885	3.68	23.1	1.3	8.1	10	0.1	0.9	0.2	29	0.08
Reference Materials																					
STD DS9	Standard			14.4	109.8	128.5	321	1.8	38.8	7.7	594	2.42	25.0	103.9	6.9	69	2.7	4.6	5.6	41	0.70
STD DS9	Standard			15.1	122.4	137.6	328	1.9	44.9	8.4	633	2.54	25.4	96.1	6.6	74	2.2	4.9	6.8	42	0.76
STD OREAS45EA	Standard			1.6	690.4	15.4	32	0.3	386.7	53.1	412	24.53	10.1	67.4	11.5	4	<0.1	0.2	0.2	301	0.04
STD OREAS45EA	Standard			1.6	730.8	17.0	30	0.3	407.4	54.8	413	25.21	9.8	61.8	11.6	4	<0.1	0.2	0.3	309	0.03
STD OXK94	Standard		3719																		
STD OXK94	Standard		3858																		
STD OXK94	Standard		3615																		
STD SH55	Standard		1393																		
STD SH55	Standard		1413																		
STD SH55	Standard		1426																		
STD SH55 Expected			1375																		
STD OXK94 Expected			3562																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	53	10.7	4.05	0.03	0.64	0.26	295	0.032
BLK	Blank		<2																		
BLK	Blank		<2																		
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Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000038.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
1243606	Rock	0.036	20	14	0.18	199	0.052	<20	0.69	0.004	0.42	0.2	0.25	0.3	<0.05	2.8	<0.5	2	<0.2
REP 1243606	QC	0.036	19	14	0.18	194	0.051	<20	0.68	0.003	0.41	0.3	0.24	0.3	<0.05	2.5	<0.5	2	<0.2
1243611	Rock	0.042	11	15	0.12	207	0.022	<20	0.52	0.008	0.26	<0.1	0.31	0.2	<0.05	3.3	<0.5	2	<0.2
REP 1243611	QC																		
Core Reject Duplicates																			
1243612	Rock	0.068	13	15	0.12	263	0.025	<20	0.57	0.008	0.29	0.1	0.27	0.2	<0.05	3.2	<0.5	2	<0.2
DUP 1243612	QC	0.061	13	14	0.12	249	0.023	<20	0.54	0.008	0.28	<0.1	0.24	0.2	<0.05	3.0	<0.5	2	<0.2
Reference Materials																			
STD DS9	Standard	0.087	13	121	0.63	331	0.110	<20	0.97	0.088	0.42	2.5	0.18	5.2	0.16	2.3	5.4	4	5.4
STD DS9	Standard	0.082	14	135	0.68	335	0.122	<20	1.04	0.092	0.43	3.0	0.23	5.5	0.18	2.4	6.8	5	5.0
STD OREAS45EA	Standard	0.029	7	839	0.11	149	0.092	<20	3.29	0.022	0.06	<0.1	<0.01	<0.1	<0.05	78.7	<0.5	12	<0.2
STD OREAS45EA	Standard	0.026	8	894	0.09	157	0.092	<20	3.34	0.026	0.06	<0.1	0.01	<0.1	<0.05	75.5	0.9	13	<0.2
STD OXK94	Standard																		
STD OXK94	Standard																		
STD OXK94	Standard																		
STD SH55	Standard																		
STD SH55	Standard																		
STD SH55	Standard																		
STD SH55 Expected																			
STD OXK94 Expected																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59	5.02
STD OREAS45EA Expected		0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.34	0.072	0.044	78	2.09	11.7	0.11
BLK	Blank																		
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Client: **Goldstrike Resources Ltd.**
1300 - 1111 West Georgia Street
Vancouver BC V6E 4M3 CANADA

Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000038.1

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 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
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																					
G1-WHI	Prep Blank		<2	<0.1	1.8	3.0	48	<0.1	3.5	4.3	555	1.92	<0.5	<0.5	4.2	49	<0.1	<0.1	<0.1	37	0.45
G1-WHI	Prep Blank		<2	0.1	2.0	3.5	47	<0.1	3.9	4.4	555	1.97	<0.5	1.7	4.1	51	<0.1	<0.1	<0.1	36	0.46

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QUALITY CONTROL REPORT WHI13000038.1

		1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Te ppm 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	<0.05	<0.1	<0.5	<1	<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	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			
G1-WHI	Prep Blank	0.082	8	5	0.58	234	0.123	<20	0.94	0.071	0.50	0.7	<0.01	0.3	<0.05	1.9	<0.5	5	<0.2
G1-WHI	Prep Blank	0.078	8	7	0.58	225	0.125	<20	0.96	0.078	0.49	<0.1	<0.01	0.3	<0.05	2.1	<0.5	5	<0.2

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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: August 09, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI13000037.1

CLIENT JOB INFORMATION

Project: Lucky Strike
Shipment ID: LSTR_13_002
P.O. Number
Number of Samples: 36

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	35	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	36	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	36	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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

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

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000037.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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
1243564	Rock	3.57	88	2.1	34.6	39.4	68	0.1	18.5	3.9	96	3.58	13.5	54.5	4.5	25	0.2	1.7	0.1	9	0.01
1243565	Rock	2.61	318	4.1	22.3	25.7	49	0.1	15.7	3.6	85	1.98	13.2	145.0	3.3	34	0.2	1.2	0.1	9	0.01
1243566	Rock	2.86	6	1.8	45.8	16.6	163	0.1	40.9	8.4	130	5.96	15.6	11.1	6.2	15	0.4	1.5	0.1	22	0.01
1243567	Rock	2.85	133	1.8	34.0	21.4	99	0.1	22.8	6.8	162	4.20	11.7	110.3	4.7	19	0.3	1.2	<0.1	16	<0.01
1243568	Rock	3.13	237	1.6	24.9	14.8	27	0.1	7.6	2.9	110	1.48	7.1	67.4	5.7	15	<0.1	1.7	<0.1	11	<0.01
1243569	Rock	2.97	27	1.1	15.5	10.1	25	0.1	7.1	2.0	67	1.20	4.6	41.3	6.7	16	0.1	2.1	<0.1	11	<0.01
1243570	Rock	2.88	28	2.2	23.8	16.0	23	<0.1	6.4	2.8	75	1.30	7.6	29.5	6.0	18	0.1	1.5	0.1	11	0.01
1243571	Rock	3.09	4	1.5	25.7	29.1	27	<0.1	7.9	3.5	93	1.44	5.4	6.9	5.4	14	0.1	1.2	<0.1	13	0.01
1243572	Rock	2.30	4	1.2	21.1	8.8	32	<0.1	8.9	4.0	93	1.52	5.5	3.4	6.1	15	<0.1	1.0	<0.1	11	<0.01
1243573	Rock	2.43	8	2.0	32.5	12.7	43	<0.1	13.0	5.1	104	2.41	16.6	7.0	6.1	15	0.1	1.1	<0.1	21	0.01
1243574	Rock	2.43	571	35.5	36.8	21.3	68	<0.1	22.9	8.0	169	3.54	30.0	82.2	7.0	16	0.3	1.2	0.3	24	0.02
1243575	Rock	2.53	93	5.6	32.0	21.0	88	0.1	24.7	11.6	366	3.48	50.2	88.4	5.9	14	0.3	1.1	0.1	22	0.01
LS-REP-3	Rock Pulp	0.08	2	3.1	22.7	2.4	35	0.4	18.2	9.6	312	1.98	3.2	1.3	1.0	34	0.2	0.2	0.2	48	0.70
1243576	Rock	2.35	128	17.8	49.8	13.3	85	0.1	24.4	8.9	223	4.04	29.8	99.3	9.9	13	0.2	1.2	0.2	27	0.02
1243577	Rock	2.53	10	3.5	60.1	19.9	158	<0.1	41.1	11.1	300	6.85	37.1	9.6	8.6	13	0.4	0.7	0.1	40	0.02
1243578	Rock	2.62	46	1.4	37.2	11.2	110	0.1	39.7	11.2	303	3.75	8.6	65.7	13.7	9	0.3	0.4	0.1	36	0.03
1243579	Rock	2.83	67	1.4	28.7	7.4	77	0.1	24.3	10.0	492	3.52	9.8	89.7	11.3	10	0.2	0.3	0.1	33	0.08
1243580	Rock	2.77	89	2.4	41.6	9.0	101	0.1	28.2	9.9	351	4.64	15.4	72.0	11.1	10	0.2	0.6	0.2	34	0.03
1243581	Rock	2.78	6	2.4	37.0	8.5	64	<0.1	19.3	8.7	181	3.38	21.2	7.5	7.4	10	0.2	0.9	<0.1	22	<0.01
1243582	Rock	2.73	3	0.9	23.1	7.3	65	<0.1	19.5	6.3	264	2.20	2.6	3.3	8.0	9	<0.1	0.1	<0.1	24	0.09
1243583	Rock	2.74	2	0.6	19.0	6.7	69	<0.1	22.5	7.3	210	2.24	2.3	1.9	9.8	5	<0.1	0.1	0.1	36	0.14
1243584	Rock	2.29	4	1.0	17.1	10.5	14	<0.1	5.0	1.9	47	0.88	5.5	<0.5	5.8	13	<0.1	1.2	<0.1	11	<0.01
1243585	Rock	2.10	7	1.6	22.8	8.2	29	<0.1	9.6	2.6	47	1.51	6.1	1.1	5.0	14	0.1	1.3	<0.1	11	<0.01
1243586	Rock	2.42	6	1.5	20.6	12.6	30	<0.1	8.6	5.4	99	1.40	6.0	2.9	6.5	10	0.1	1.6	0.1	10	<0.01
1243587	Rock	2.28	64	17.3	41.4	26.1	70	0.1	21.9	9.2	193	3.61	25.9	24.3	7.0	12	0.3	1.5	0.1	26	0.02
1243588	Rock	2.45	36	2.5	33.7	7.0	70	0.1	20.9	7.4	171	2.61	14.1	24.5	8.6	11	0.2	0.6	<0.1	24	0.02
1243589	Rock	3.26	6	2.6	39.4	10.8	125	<0.1	34.8	11.2	339	3.52	61.4	3.3	4.5	9	0.4	1.4	<0.1	18	0.01
1243590	Rock	2.91	6	2.5	55.5	7.6	125	<0.1	30.1	9.4	244	4.60	27.0	2.9	5.7	15	0.4	1.9	0.1	23	0.01
1243591	Rock	2.61	9	1.9	52.6	14.5	88	0.1	27.7	9.1	285	3.69	10.2	5.0	9.7	10	0.2	0.5	0.1	30	0.03
1243592	Rock	3.04	8	2.0	55.5	13.4	131	0.1	42.1	12.3	339	4.39	14.4	9.9	13.7	18	0.2	0.3	0.2	35	0.04

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1300 - 1111 West Georgia Street
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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000037.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1243564	Rock	0.051	12	9	0.02	123	0.004	<20	0.31	0.003	0.17	<0.1	0.12	<0.1	<0.05	2.0	<0.5	<1	<0.2
1243565	Rock	0.039	11	8	0.02	126	0.002	<20	0.39	0.003	0.19	<0.1	0.10	<0.1	<0.05	2.0	0.7	<1	<0.2
1243566	Rock	0.123	15	9	0.03	119	0.005	<20	0.38	0.002	0.21	<0.1	0.17	<0.1	<0.05	2.6	1.0	1	<0.2
1243567	Rock	0.089	13	5	0.02	96	0.002	<20	0.32	0.002	0.20	<0.1	0.48	<0.1	<0.05	1.8	0.9	<1	<0.2
1243568	Rock	0.037	17	6	0.02	89	0.003	<20	0.29	0.002	0.18	<0.1	0.33	<0.1	<0.05	1.8	0.6	<1	<0.2
1243569	Rock	0.028	18	7	0.03	106	0.004	<20	0.29	0.003	0.20	<0.1	0.12	<0.1	<0.05	1.5	<0.5	<1	<0.2
1243570	Rock	0.026	17	7	0.03	109	0.004	<20	0.34	0.002	0.17	<0.1	0.14	<0.1	<0.05	1.7	1.3	1	<0.2
1243571	Rock	0.025	15	8	0.04	125	0.007	<20	0.37	0.004	0.20	<0.1	0.16	<0.1	<0.05	1.7	1.0	1	<0.2
1243572	Rock	0.030	16	7	0.04	139	0.006	<20	0.35	0.003	0.20	<0.1	0.22	<0.1	<0.05	1.4	0.7	<1	<0.2
1243573	Rock	0.039	14	12	0.05	154	0.009	<20	0.45	0.005	0.22	<0.1	0.21	0.1	<0.05	2.3	0.7	1	<0.2
1243574	Rock	0.052	15	11	0.03	152	0.004	<20	0.43	0.003	0.17	<0.1	0.20	0.1	<0.05	2.7	1.2	1	<0.2
1243575	Rock	0.053	11	9	0.04	202	0.006	<20	0.44	0.004	0.18	<0.1	0.16	0.2	<0.05	2.0	<0.5	1	<0.2
LS-REP-3	Rock Pulp	0.049	5	21	0.53	94	0.108	<20	1.14	0.063	0.08	17.4	<0.01	0.1	<0.05	3.8	<0.5	4	<0.2
1243576	Rock	0.059	18	14	0.11	164	0.022	<20	0.63	0.002	0.29	<0.1	0.18	0.2	<0.05	3.7	1.1	2	<0.2
1243577	Rock	0.125	15	14	0.08	175	0.014	<20	0.61	0.003	0.25	<0.1	0.23	0.2	<0.05	3.2	0.6	2	<0.2
1243578	Rock	0.051	35	20	0.19	161	0.041	<20	0.70	0.011	0.38	<0.1	0.11	0.2	<0.05	4.5	0.6	2	<0.2
1243579	Rock	0.067	21	15	0.22	216	0.057	<20	0.93	0.016	0.51	<0.1	0.09	0.3	<0.05	2.8	0.7	3	<0.2
1243580	Rock	0.076	19	16	0.14	177	0.028	<20	0.72	0.006	0.33	<0.1	0.17	0.2	<0.05	3.6	1.1	2	<0.2
1243581	Rock	0.052	14	11	0.05	142	0.010	<20	0.49	0.004	0.21	<0.1	0.15	0.2	<0.05	2.5	0.7	1	<0.2
1243582	Rock	0.050	21	13	0.19	169	0.052	<20	0.75	0.014	0.44	<0.1	0.03	0.2	<0.05	2.2	<0.5	2	<0.2
1243583	Rock	0.059	20	19	0.36	237	0.110	<20	1.12	0.022	0.70	<0.1	0.01	0.4	<0.05	2.3	<0.5	3	<0.2
1243584	Rock	0.017	15	6	0.03	122	0.005	<20	0.31	0.002	0.19	<0.1	0.15	<0.1	<0.05	1.3	0.6	<1	<0.2
1243585	Rock	0.026	13	7	0.02	106	0.003	<20	0.28	0.002	0.16	<0.1	0.17	<0.1	<0.05	1.2	0.9	<1	<0.2
1243586	Rock	0.030	19	6	0.02	117	0.002	<20	0.28	0.003	0.17	<0.1	0.16	<0.1	<0.05	1.5	0.8	<1	<0.2
1243587	Rock	0.060	15	11	0.08	153	0.012	<20	0.51	0.005	0.23	<0.1	0.18	0.2	<0.05	3.2	0.9	2	<0.2
1243588	Rock	0.039	18	13	0.11	169	0.024	<20	0.55	0.006	0.29	<0.1	0.12	0.2	<0.05	2.4	<0.5	2	<0.2
1243589	Rock	0.072	8	9	0.03	159	0.005	<20	0.32	0.003	0.14	<0.1	0.17	0.1	<0.05	1.6	<0.5	<1	<0.2
1243590	Rock	0.086	11	12	0.07	171	0.013	<20	0.46	0.003	0.20	<0.1	0.21	0.2	<0.05	2.3	1.5	1	<0.2
1243591	Rock	0.070	24	15	0.14	150	0.027	<20	0.67	0.007	0.32	<0.1	0.11	0.2	<0.05	4.1	1.8	2	<0.2
1243592	Rock	0.065	30	17	0.20	202	0.039	<20	0.86	0.010	0.44	<0.1	0.10	0.2	<0.05	3.5	1.0	3	<0.2

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

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000037.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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
1243593	Rock	2.78	5	1.6	35.3	12.3	110	<0.1	35.5	9.4	238	3.62	3.3	1.6	11.0	11	0.1	0.3	0.1	35	0.08
1243594	Rock	3.79	<2	0.8	20.2	11.2	58	<0.1	14.7	3.8	162	2.16	2.1	<0.5	9.8	17	<0.1	0.1	0.2	27	0.11
1243595	Rock	1.80	5	2.0	21.0	10.2	63	<0.1	17.3	10.4	277	2.91	37.0	<0.5	10.9	12	<0.1	0.7	<0.1	26	0.05
1243596	Rock	2.58	26	1.2	16.6	8.7	58	<0.1	16.7	9.6	339	2.11	6.9	21.2	8.1	6	0.1	0.7	0.1	29	0.07
1243597	Rock	3.81	7	0.9	22.3	31.5	117	0.2	35.4	6.0	163	2.24	7.6	5.6	9.4	9	<0.1	0.2	0.4	26	0.07
1243598	Rock	2.79	3	0.5	8.8	29.4	39	0.1	9.9	4.0	130	1.35	4.8	2.0	6.9	7	<0.1	0.2	0.4	13	0.13

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

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000037.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1243593	Rock	0.058	33	18	0.28	201	0.070	<20	1.00	0.020	0.56	<0.1	0.04	0.3	<0.05	4.2	1.0	3	<0.2
1243594	Rock	0.056	23	15	0.26	205	0.059	<20	0.94	0.035	0.53	<0.1	0.04	0.3	<0.05	2.2	0.6	3	<0.2
1243595	Rock	0.049	29	15	0.22	177	0.055	<20	0.87	0.018	0.46	<0.1	0.06	0.3	<0.05	2.1	<0.5	3	<0.2
1243596	Rock	0.038	26	16	0.22	202	0.057	<20	0.83	0.026	0.40	<0.1	0.05	0.2	<0.05	2.5	<0.5	2	<0.2
1243597	Rock	0.045	27	16	0.20	199	0.054	<20	0.78	0.029	0.46	<0.1	0.04	0.3	<0.05	2.8	<0.5	2	<0.2
1243598	Rock	0.064	15	10	0.14	157	0.035	<20	0.69	0.025	0.38	<0.1	0.02	0.2	<0.05	1.4	<0.5	2	<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: August 09, 2013

QUALITY CONTROL REPORT WHI13000037.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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																					
1243569	Rock	2.97	27	1.1	15.5	10.1	25	0.1	7.1	2.0	67	1.20	4.6	41.3	6.7	16	0.1	2.1	<0.1	11	<0.01
REP 1243569	QC			1.1	16.5	10.3	26	<0.1	6.7	2.1	68	1.21	4.7	13.1	6.8	17	<0.1	2.1	<0.1	11	<0.01
1243592	Rock	3.04	8	2.0	55.5	13.4	131	0.1	42.1	12.3	339	4.39	14.4	9.9	13.7	18	0.2	0.3	0.2	35	0.04
REP 1243592	QC		8																		
1243598	Rock	2.79	3	0.5	8.8	29.4	39	0.1	9.9	4.0	130	1.35	4.8	2.0	6.9	7	<0.1	0.2	0.4	13	0.13
REP 1243598	QC		2																		
Core Reject Duplicates																					
1243583	Rock	2.74	2	0.6	19.0	6.7	69	<0.1	22.5	7.3	210	2.24	2.3	1.9	9.8	5	<0.1	0.1	0.1	36	0.14
DUP 1243583	QC		2	0.6	19.0	7.4	68	<0.1	22.3	7.2	210	2.24	2.2	<0.5	9.8	5	<0.1	<0.1	0.1	35	0.14
Reference Materials																					
STD DS9	Standard			14.0	115.5	136.7	333	2.5	45.8	8.2	612	2.49	25.3	102.2	6.9	74	2.4	4.8	5.8	42	0.76
STD DS9	Standard			13.8	113.5	141.5	334	1.8	40.7	8.0	605	2.46	26.5	110.3	6.7	83	2.5	4.6	6.1	42	0.75
STD OREAS45EA	Standard			1.6	713.6	15.1	28	0.3	399.5	55.4	420	22.96	9.6	62.8	10.3	4	<0.1	0.2	0.2	333	0.04
STD OREAS45EA	Standard			1.5	735.8	16.1	32	0.3	406.1	53.9	418	24.27	10.3	67.7	12.0	4	<0.1	0.2	0.3	313	0.04
STD OXK94	Standard		3497																		
STD SH55	Standard		1414																		
STD SH55	Standard		1322																		
STD SH55 Expected			1375																		
STD OXK94 Expected			3562																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	53	10.7	4.05	0.03	0.64	0.26	295	0.032
BLK	Blank		<2																		
BLK	Blank		3																		
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																					
G1-WHI	Prep Blank		5	0.1	2.5	7.5	51	<0.1	3.8	4.7	612	2.15	<0.5	<0.5	5.2	79	<0.1	<0.1	<0.1	40	0.54

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

Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000037.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
1243569	Rock	0.028	18	7	0.03	106	0.004	<20	0.29	0.003	0.20	<0.1	0.12	<0.1	<0.05	1.5	<0.5	<1	<0.2
REP 1243569	QC	0.028	19	7	0.03	105	0.004	<20	0.29	0.002	0.19	<0.1	0.10	<0.1	<0.05	1.4	0.7	<1	<0.2
1243592	Rock	0.065	30	17	0.20	202	0.039	<20	0.86	0.010	0.44	<0.1	0.10	0.2	<0.05	3.5	1.0	3	<0.2
REP 1243592	QC																		
1243598	Rock	0.064	15	10	0.14	157	0.035	<20	0.69	0.025	0.38	<0.1	0.02	0.2	<0.05	1.4	<0.5	2	<0.2
REP 1243598	QC																		
Core Reject Duplicates																			
1243583	Rock	0.059	20	19	0.36	237	0.110	<20	1.12	0.022	0.70	<0.1	0.01	0.4	<0.05	2.3	<0.5	3	<0.2
DUP 1243583	QC	0.059	20	20	0.36	222	0.109	<20	1.10	0.021	0.69	<0.1	0.01	0.4	<0.05	2.3	0.6	3	<0.2
Reference Materials																			
STD DS9	Standard	0.080	13	135	0.66	314	0.119	<20	1.01	0.089	0.42	2.9	0.25	5.5	0.18	2.3	5.3	5	5.9
STD DS9	Standard	0.082	14	118	0.65	353	0.119	<20	0.99	0.085	0.43	2.9	0.21	5.5	0.17	2.3	5.3	5	5.1
STD OREAS45EA	Standard	0.024	7	875	0.09	138	0.090	<20	3.22	0.014	0.05	<0.1	0.01	<0.1	<0.05	73.2	0.6	12	<0.2
STD OREAS45EA	Standard	0.029	7	843	0.12	156	0.098	<20	3.35	0.017	0.06	<0.1	<0.01	<0.1	<0.05	90.1	0.7	13	<0.2
STD OXK94	Standard																		
STD SH55	Standard																		
STD SH55	Standard																		
STD SH55 Expected																			
STD OXK94 Expected																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59	5.02
STD OREAS45EA Expected		0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.34	0.072	0.044	78	2.09	11.7	0.11
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	<0.05	<0.1	<0.5	<1	<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	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			
G1-WHI	Prep Blank	0.083	12	8	0.63	261	0.138	<20	1.09	0.091	0.55	<0.1	0.02	0.3	<0.05	2.3	<0.5	6	<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: August 09, 2013

QUALITY CONTROL REPORT WHI13000037.1

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		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
G1-WHI	Prep Blank		3	<0.1	2.4	3.3	53	<0.1	4.4	4.7	639	2.23	<0.5	<0.5	5.7	76	<0.1	<0.1	<0.1	42	0.56

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QUALITY CONTROL REPORT WHI13000037.1

		1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Te ppm 0.2
G1-WHI	Prep Blank	0.088	12	8	0.66	258	0.147	<20	1.14	0.103	0.58	<0.1	<0.01	0.4	<0.05	2.6	<0.5	6	<0.2

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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: August 09, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI13000036.1

CLIENT JOB INFORMATION

Project: Lucky Strike
Shipment ID: LSTR_13_001
P.O. Number
Number of Samples: 65

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	63	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	65	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	65	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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

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Vancouver BC V6E 4M3 CANADA

Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000036.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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
1243501	Rock	3.17	3	2.6	39.9	13.0	68	<0.1	22.3	5.5	129	3.97	25.6	2.1	4.3	10	0.3	1.2	0.2	23	0.02
1243502	Rock	3.04	3	1.6	38.2	11.6	46	<0.1	16.5	5.3	130	3.29	8.8	8.2	5.9	9	0.2	0.4	0.2	28	0.02
1243503	Rock	3.43	<2	1.4	52.0	10.1	44	<0.1	16.0	6.3	127	2.74	10.1	2.7	6.4	10	0.2	0.3	0.2	38	0.03
1243504	Rock	3.41	3	1.9	62.7	10.0	50	<0.1	21.4	7.1	170	3.90	12.2	<0.5	3.7	10	0.2	0.6	0.1	43	0.02
1243505	Rock	3.12	4	2.1	65.9	9.6	65	<0.1	26.2	7.3	261	4.51	10.7	3.7	4.8	12	0.3	0.7	0.2	33	0.03
1243506	Rock	2.58	10	0.8	15.3	5.5	40	<0.1	14.8	4.2	236	1.93	3.7	2.2	6.0	7	0.2	0.7	0.3	24	0.02
1243507	Rock	2.51	2	1.4	21.3	11.4	86	<0.1	28.1	5.8	329	4.38	9.1	3.0	5.5	8	0.2	0.6	0.6	19	0.04
1243508	Rock	2.95	<2	0.7	17.1	14.8	58	<0.1	18.4	5.3	371	1.74	27.3	<0.5	5.3	10	0.2	1.1	0.3	23	0.07
1243509	Rock	2.78	3	1.1	18.0	10.9	72	<0.1	35.7	11.8	1283	2.81	12.5	1.2	5.0	11	0.3	0.9	0.3	21	0.08
1243510	Rock	2.98	3	2.4	59.6	14.1	206	0.1	61.6	18.9	625	4.44	36.0	2.1	8.0	12	0.5	0.9	0.3	40	0.04
1243511	Rock	3.44	<2	1.3	25.3	14.8	140	<0.1	43.8	11.2	275	3.64	15.5	<0.5	5.9	9	0.2	0.6	0.2	30	0.06
1243512	Rock	2.92	<2	1.5	26.5	18.7	86	0.1	25.1	10.2	440	2.56	21.2	<0.5	7.1	8	0.1	0.6	0.2	27	0.07
1243513	Rock	2.92	3	3.0	27.7	10.7	45	<0.1	11.5	3.3	107	3.03	17.4	2.0	4.5	8	0.2	0.7	0.1	25	0.03
1243514	Rock	2.81	6	6.6	49.9	15.8	37	0.2	9.4	2.8	103	3.57	20.3	6.4	5.5	10	<0.1	0.8	0.4	32	0.02
1243515	Rock	2.00	44	7.4	49.8	26.7	105	0.1	23.7	8.3	291	4.46	8.1	30.8	4.9	9	0.3	1.0	0.2	30	0.03
1243516	Rock	2.15	65	7.2	66.2	14.7	151	0.2	36.1	11.9	354	6.08	40.8	12.6	5.9	10	0.4	0.7	0.3	54	0.03
1243517	Rock	2.08	63	15.6	39.7	28.2	101	0.2	31.2	7.1	231	4.09	8.6	129.0	5.3	8	0.3	0.6	0.2	30	0.02
1243518	Rock	2.33	57	6.3	29.5	8.1	113	0.1	33.2	14.8	564	3.58	8.8	78.3	5.3	12	0.2	0.8	0.1	32	0.02
1243519	Rock	1.71	9	5.8	59.7	27.2	157	0.1	51.1	10.7	337	5.68	25.3	11.0	6.5	13	0.4	0.8	0.5	36	0.03
1243520	Rock	2.17	4	0.9	18.5	7.6	34	<0.1	8.5	3.1	99	1.46	3.1	4.7	4.9	10	0.1	0.3	0.1	27	0.02
1243521	Rock	1.61	2	1.1	23.0	7.0	36	<0.1	9.2	3.1	112	1.71	4.3	2.2	5.4	9	<0.1	0.3	<0.1	29	0.02
1243522	Rock	1.70	2	0.9	21.3	6.5	29	<0.1	7.5	2.6	92	1.45	4.2	3.1	5.4	11	<0.1	0.4	<0.1	27	0.02
1243523	Rock	1.80	3	1.6	30.5	10.3	48	<0.1	13.8	4.1	123	2.47	12.1	1.7	6.1	11	0.2	0.8	0.2	23	0.02
1243524	Rock	1.83	4	0.9	26.0	10.6	38	0.1	11.3	4.4	171	1.92	4.7	2.6	6.7	7	<0.1	0.6	0.2	23	0.02
1243525	Rock	1.98	4	1.5	31.0	10.1	56	0.1	13.9	5.1	182	2.81	6.6	3.9	5.3	8	0.2	0.5	0.2	23	0.03
LS-REP-1	Rock Pulp	0.80	<2	3.0	21.4	2.3	33	0.3	16.5	9.2	298	1.92	3.2	1.1	0.9	32	0.2	0.2	<0.1	42	0.62
1243526	Rock	2.08	8	1.2	32.1	43.7	70	0.5	20.6	5.5	155	2.79	6.9	4.7	4.8	9	0.2	0.7	2.6	15	0.02
1243527	Rock	2.14	6	2.4	40.3	11.4	108	<0.1	25.9	7.9	244	4.71	10.4	5.7	6.0	9	0.5	0.7	0.3	27	0.02
1243528	Rock	2.31	8	2.1	30.7	14.3	58	<0.1	16.8	5.9	324	3.37	11.1	4.9	6.6	11	0.2	0.4	0.3	26	0.02
1243529	Rock	2.14	3	1.5	34.5	11.7	38	<0.1	9.7	5.5	142	2.43	11.0	2.9	6.0	11	0.2	1.1	0.2	30	0.01

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000036.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1243501	Rock	0.073	10	10	0.03	94	0.005	<20	0.39	0.004	0.16	<0.1	0.56	0.1	<0.05	2.0	<0.5	1	<0.2
1243502	Rock	0.057	9	13	0.08	144	0.014	<20	0.51	0.004	0.25	<0.1	0.32	0.1	<0.05	2.3	1.0	2	<0.2
1243503	Rock	0.049	10	19	0.13	170	0.028	<20	0.68	0.003	0.33	<0.1	0.26	0.2	<0.05	3.0	1.3	3	<0.2
1243504	Rock	0.069	7	18	0.06	128	0.013	<20	0.42	0.002	0.20	<0.1	0.43	0.1	<0.05	2.6	2.3	2	<0.2
1243505	Rock	0.081	11	15	0.07	149	0.010	<20	0.49	0.003	0.22	<0.1	0.80	0.1	<0.05	3.2	2.9	2	<0.2
1243506	Rock	0.027	17	13	0.12	118	0.032	<20	0.52	0.008	0.31	<0.1	1.58	0.2	<0.05	3.4	0.6	2	<0.2
1243507	Rock	0.067	11	10	0.08	132	0.018	<20	0.50	0.008	0.25	<0.1	0.32	0.1	<0.05	1.7	<0.5	1	<0.2
1243508	Rock	0.036	8	12	0.06	130	0.011	<20	0.48	0.004	0.21	<0.1	0.46	0.1	<0.05	2.9	<0.5	2	<0.2
1243509	Rock	0.066	8	9	0.06	196	0.010	<20	0.48	0.009	0.19	<0.1	0.36	<0.1	<0.05	3.8	<0.5	2	<0.2
1243510	Rock	0.083	12	21	0.12	241	0.024	<20	0.66	0.005	0.31	<0.1	0.34	0.2	<0.05	4.0	1.3	3	<0.2
1243511	Rock	0.064	10	15	0.15	184	0.032	<20	0.67	0.005	0.33	<0.1	0.19	0.2	<0.05	2.6	0.6	2	<0.2
1243512	Rock	0.046	11	14	0.06	185	0.011	<20	0.49	0.008	0.20	<0.1	0.25	0.2	<0.05	2.7	<0.5	2	<0.2
1243513	Rock	0.041	8	12	0.08	162	0.015	<20	0.54	0.003	0.25	<0.1	0.26	0.3	<0.05	2.8	2.0	2	<0.2
1243514	Rock	0.047	9	13	0.04	256	0.006	<20	0.50	0.002	0.16	<0.1	0.42	<0.1	<0.05	3.9	5.6	2	<0.2
1243515	Rock	0.080	8	12	0.06	226	0.010	<20	0.43	0.002	0.18	<0.1	0.37	0.1	<0.05	3.6	2.2	1	<0.2
1243516	Rock	0.120	9	29	0.03	245	0.004	<20	0.48	0.004	0.18	<0.1	0.25	0.1	<0.05	5.8	1.4	2	<0.2
1243517	Rock	0.077	11	15	0.04	301	0.006	<20	0.50	0.002	0.14	<0.1	0.29	<0.1	<0.05	4.2	<0.5	1	<0.2
1243518	Rock	0.057	14	18	0.04	269	0.008	<20	0.50	0.006	0.16	<0.1	0.36	0.1	<0.05	5.4	<0.5	2	<0.2
1243519	Rock	0.095	14	23	0.04	518	0.004	<20	0.48	0.004	0.16	<0.1	0.18	0.1	<0.05	5.1	1.1	2	<0.2
1243520	Rock	0.023	11	16	0.18	236	0.043	<20	0.63	0.003	0.36	<0.1	0.03	0.1	<0.05	2.1	<0.5	2	<0.2
1243521	Rock	0.027	14	16	0.15	236	0.041	<20	0.57	0.004	0.36	<0.1	0.07	0.2	<0.05	2.1	<0.5	2	<0.2
1243522	Rock	0.024	14	14	0.16	266	0.042	<20	0.56	0.004	0.36	<0.1	0.04	0.2	<0.05	2.4	0.6	2	<0.2
1243523	Rock	0.046	14	10	0.08	175	0.017	<20	0.46	0.002	0.23	<0.1	0.05	0.1	<0.05	2.9	0.6	2	<0.2
1243524	Rock	0.028	12	12	0.12	193	0.029	<20	0.62	0.004	0.30	<0.1	0.05	0.2	<0.05	2.0	<0.5	2	<0.2
1243525	Rock	0.047	11	13	0.13	214	0.033	<20	0.58	0.009	0.32	<0.1	0.05	0.2	<0.05	2.2	0.6	2	<0.2
LS-REP-1	Rock Pulp	0.048	5	21	0.51	90	0.084	<20	1.09	0.062	0.07	17.7	0.02	<0.1	<0.05	3.6	<0.5	4	<0.2
1243526	Rock	0.045	11	8	0.03	158	0.005	<20	0.45	0.005	0.21	<0.1	0.04	<0.1	<0.05	2.4	1.6	1	<0.2
1243527	Rock	0.085	16	13	0.10	147	0.023	<20	0.56	0.008	0.28	<0.1	0.07	0.2	<0.05	3.5	1.6	2	<0.2
1243528	Rock	0.063	17	11	0.09	180	0.019	<20	0.66	0.004	0.28	<0.1	0.12	0.2	<0.05	3.1	1.1	2	<0.2
1243529	Rock	0.042	14	12	0.06	114	0.013	<20	0.44	0.007	0.19	<0.1	0.07	0.1	<0.05	2.8	0.7	2	<0.2

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000036.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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
1243530	Rock	2.17	6	2.9	55.8	16.0	97	0.1	26.1	9.3	324	5.68	13.6	3.5	8.2	14	0.4	0.7	0.3	47	0.03
1243531	Rock	3.15	<2	4.0	12.1	4.7	27	0.1	8.0	3.6	234	1.83	3.9	3.2	8.6	7	0.1	0.3	0.1	13	0.04
1243532	Rock	2.31	5	0.6	10.3	6.0	20	<0.1	5.7	3.0	196	1.92	8.0	<0.5	10.0	8	<0.1	0.4	0.1	14	0.04
1243533	Rock	2.79	13	6.3	25.9	11.3	69	0.2	23.7	7.9	268	2.95	11.4	10.8	6.8	9	0.3	0.5	0.2	21	0.04
1243534	Rock	2.52	2	0.7	20.9	5.7	20	<0.1	6.4	1.7	66	1.26	4.1	0.9	4.8	7	<0.1	0.3	0.1	10	0.02
1243535	Rock	2.00	4	0.8	21.2	8.3	26	<0.1	9.1	4.2	149	1.75	6.1	<0.5	4.6	8	<0.1	0.2	0.1	19	0.04
1243536	Rock	1.60	4	0.7	19.9	6.9	53	<0.1	15.4	6.6	212	2.14	6.5	0.8	9.4	5	0.1	0.3	0.2	26	0.09
1243537	Rock	1.68	4	0.9	44.6	8.5	51	<0.1	16.4	5.8	164	2.88	14.2	2.2	7.0	6	0.1	0.3	0.2	28	0.04
1243538	Rock	1.77	24	1.3	53.3	18.1	104	0.1	31.2	8.9	263	3.90	8.5	11.0	11.1	7	0.3	0.3	0.2	39	0.11
1243539	Rock	1.55	57	0.5	15.8	11.8	43	0.1	12.4	3.6	137	1.73	4.6	49.1	7.6	6	<0.1	0.6	<0.1	28	0.12
1243540	Rock	1.56	<2	0.6	20.0	10.6	47	<0.1	14.1	4.6	141	1.80	2.7	2.3	7.3	6	<0.1	0.2	0.1	30	0.13
1243541	Rock	1.89	3	0.7	21.0	11.9	43	<0.1	12.6	3.8	134	1.60	2.3	2.3	6.3	6	<0.1	0.1	0.1	24	0.12
1243542	Rock	1.99	4	1.0	22.9	9.8	67	<0.1	21.4	5.6	182	2.59	4.5	1.7	10.0	6	<0.1	0.2	0.1	29	0.12
1243543	Rock	2.25	8	1.4	41.7	17.3	72	0.2	23.4	6.5	221	2.98	6.7	9.7	11.9	7	<0.1	0.2	0.2	37	0.13
1243544	Rock	2.14	3	1.4	28.7	12.2	56	<0.1	20.0	5.7	201	2.73	10.0	2.2	8.1	6	<0.1	0.2	0.2	25	0.10
1243545	Rock	2.19	5	2.5	44.7	21.5	83	0.1	29.5	6.0	234	4.26	6.1	4.5	10.5	8	0.2	0.2	0.2	30	0.10
1243546	Rock	2.10	6	1.1	28.4	11.2	60	0.1	17.7	5.3	174	2.39	4.8	2.5	17.6	8	<0.1	0.3	<0.1	27	0.10
1243547	Rock	2.71	6	2.0	49.7	14.9	78	0.2	26.3	8.0	259	4.09	8.7	3.0	10.4	7	0.2	0.2	0.1	37	0.11
1243548	Rock	2.27	8	1.6	54.0	18.6	87	0.2	28.3	8.7	386	3.10	7.6	4.1	10.7	7	0.3	0.2	0.2	32	0.10
1243549	Rock	2.45	3	0.8	19.7	12.4	65	<0.1	22.7	4.8	201	1.80	6.6	2.3	4.9	6	0.1	0.1	0.2	15	0.10
1243550	Rock	2.77	38	1.8	27.0	6.2	78	<0.1	28.2	8.6	349	3.50	5.3	32.4	5.9	8	<0.1	0.8	0.2	17	0.02
LS-REP-2	Rock Pulp	0.80	6526	1.5	14.4	21.3	57	0.2	12.0	1.2	902	0.57	4286	6936	1.2	179	0.5	18.4	0.3	17	27.08
1243551	Rock	2.61	548	12.1	17.3	10.1	44	0.1	14.5	3.6	130	2.17	6.4	140.4	5.6	10	0.1	0.9	<0.1	14	0.04
1243552	Rock	2.06	8	2.8	58.4	21.6	96	0.1	25.6	6.1	197	3.88	5.6	9.5	8.9	9	0.3	0.5	0.1	37	0.07
1243553	Rock	2.07	4	1.2	28.2	9.8	95	0.1	25.0	6.9	211	3.00	4.4	1.5	7.9	8	0.1	0.3	<0.1	34	0.08
1243554	Rock	2.12	3	0.6	18.8	8.3	56	0.1	17.5	4.3	141	1.80	5.2	1.3	4.9	9	0.1	0.2	<0.1	23	0.02
1243555	Rock	2.31	2	1.4	18.3	8.7	150	<0.1	47.0	8.4	335	3.89	4.5	3.8	5.6	10	<0.1	0.1	<0.1	29	0.06
1243556	Rock	2.59	3	1.4	25.2	9.0	88	0.1	26.3	7.5	246	3.06	2.4	0.6	10.4	9	<0.1	0.1	<0.1	37	0.07
1243557	Rock	2.60	12	1.2	29.2	10.4	76	<0.1	23.6	7.8	313	2.64	4.0	<0.5	8.2	7	0.1	0.2	<0.1	31	0.09
1243558	Rock	2.67	4	4.9	29.4	9.2	99	<0.1	29.1	11.6	517	3.04	3.5	<0.5	8.8	6	<0.1	0.1	<0.1	33	0.10

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Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1243530	Rock	0.107	19	22	0.12	224	0.022	<20	0.73	0.005	0.30	<0.1	0.06	0.3	<0.05	4.1	1.8	3	<0.2
1243531	Rock	0.020	13	5	0.09	146	0.024	<20	0.49	0.033	0.27	<0.1	0.02	0.2	<0.05	2.5	<0.5	1	<0.2
1243532	Rock	0.026	18	5	0.09	139	0.029	<20	0.59	0.026	0.29	<0.1	0.03	0.2	<0.05	2.5	<0.5	2	<0.2
1243533	Rock	0.037	15	13	0.10	132	0.019	<20	0.51	0.016	0.23	<0.1	0.05	0.1	<0.05	4.3	0.7	2	<0.2
1243534	Rock	0.028	12	5	0.03	71	0.005	<20	0.35	0.028	0.13	<0.1	0.03	<0.1	<0.05	2.3	0.5	<1	<0.2
1243535	Rock	0.030	10	14	0.08	146	0.017	<20	0.45	0.022	0.25	<0.1	0.08	0.1	<0.05	2.3	1.1	1	<0.2
1243536	Rock	0.040	23	13	0.14	133	0.028	<20	0.69	0.013	0.36	<0.1	0.02	0.2	<0.05	2.5	<0.5	3	<0.2
1243537	Rock	0.052	12	14	0.10	123	0.021	<20	0.56	0.003	0.25	<0.1	0.04	0.1	<0.05	2.4	0.7	2	<0.2
1243538	Rock	0.081	24	20	0.21	195	0.051	<20	0.88	0.007	0.47	<0.1	0.05	0.2	<0.05	2.8	1.6	3	<0.2
1243539	Rock	0.045	19	15	0.22	189	0.058	<20	0.72	0.009	0.44	<0.1	0.02	0.2	<0.05	2.6	0.9	2	<0.2
1243540	Rock	0.053	18	16	0.28	189	0.073	<20	0.87	0.020	0.51	<0.1	0.01	0.3	<0.05	2.5	<0.5	3	<0.2
1243541	Rock	0.051	13	13	0.20	181	0.049	<20	0.75	0.016	0.41	<0.1	0.01	0.2	<0.05	1.7	<0.5	2	<0.2
1243542	Rock	0.058	25	17	0.21	196	0.058	<20	0.83	0.009	0.48	<0.1	0.03	0.2	<0.05	2.8	0.6	2	<0.2
1243543	Rock	0.076	27	19	0.23	193	0.055	<20	0.85	0.017	0.46	<0.1	0.02	0.2	<0.05	3.0	2.6	3	<0.2
1243544	Rock	0.061	16	13	0.15	161	0.034	<20	0.66	0.002	0.34	<0.1	0.02	0.2	<0.05	1.9	0.9	2	<0.2
1243545	Rock	0.099	22	17	0.19	202	0.045	<20	0.82	0.008	0.40	<0.1	0.02	0.2	<0.05	2.4	1.9	2	<0.2
1243546	Rock	0.050	47	16	0.26	198	0.070	<20	1.00	0.014	0.54	<0.1	0.03	0.3	<0.05	2.6	0.7	3	<0.2
1243547	Rock	0.082	19	20	0.22	190	0.051	<20	0.87	0.006	0.45	<0.1	0.03	0.3	<0.05	2.7	1.5	3	<0.2
1243548	Rock	0.066	22	17	0.18	190	0.033	<20	0.77	0.007	0.38	<0.1	0.02	0.2	<0.05	3.2	0.8	3	<0.2
1243549	Rock	0.051	9	9	0.07	93	0.009	<20	0.52	0.017	0.24	<0.1	<0.01	0.1	<0.05	1.8	<0.5	1	<0.2
1243550	Rock	0.046	17	10	0.04	118	0.005	<20	0.34	<0.001	0.18	<0.1	0.08	0.1	<0.05	4.1	<0.5	<1	<0.2
LS-REP-2	Rock Pulp	0.016	7	21	5.50	40	0.001	<20	0.17	0.010	0.05	3.8	4.48	15.7	<0.05	2.9	0.6	<1	<0.2
1243551	Rock	0.048	16	10	0.06	131	0.010	<20	0.38	0.001	0.22	<0.1	0.09	0.1	<0.05	2.8	0.6	1	<0.2
1243552	Rock	0.079	15	21	0.18	210	0.042	<20	0.81	0.003	0.43	<0.1	0.04	0.3	<0.05	3.3	1.1	3	<0.2
1243553	Rock	0.049	14	19	0.20	212	0.049	<20	0.80	0.002	0.42	<0.1	0.03	0.3	<0.05	2.7	<0.5	3	<0.2
1243554	Rock	0.031	9	11	0.09	146	0.015	<20	0.46	0.004	0.22	<0.1	0.07	0.1	<0.05	2.0	<0.5	2	<0.2
1243555	Rock	0.039	10	16	0.13	227	0.027	<20	0.60	<0.001	0.27	<0.1	0.09	0.2	<0.05	3.2	0.7	2	<0.2
1243556	Rock	0.042	20	22	0.28	270	0.060	<20	0.89	0.006	0.52	<0.1	0.06	0.3	<0.05	3.7	<0.5	3	<0.2
1243557	Rock	0.044	16	18	0.24	226	0.057	<20	0.80	0.005	0.47	<0.1	0.05	0.2	<0.05	3.1	<0.5	3	<0.2
1243558	Rock	0.045	18	15	0.21	233	0.050	<20	0.76	0.005	0.42	<0.1	0.06	0.3	<0.05	2.7	0.7	3	<0.2

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000036.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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
1243559	Rock	2.21	26	1.9	41.5	11.4	85	0.1	26.1	11.6	523	3.44	2.5	18.2	9.8	7	0.2	<0.1	<0.1	46	0.10
1243560	Rock	2.61	8	1.8	37.9	8.7	106	<0.1	31.2	7.9	255	4.24	3.7	2.1	8.5	7	0.1	0.1	<0.1	44	0.09
1243561	Rock	2.42	5	1.9	40.4	10.3	71	<0.1	21.5	6.3	155	3.11	4.2	3.2	6.8	6	<0.1	0.1	<0.1	24	0.06
1243562	Rock	2.68	4	1.8	48.7	22.1	103	<0.1	34.2	9.2	221	3.42	10.3	1.8	8.6	8	0.1	0.1	0.3	36	0.04
1243563	Rock	2.83	<2	0.8	16.4	15.7	34	<0.1	13.1	4.5	126	1.39	4.7	<0.5	4.3	4	<0.1	<0.1	<0.1	14	0.03

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Project: Lucky Strike
Report Date: August 09, 2013

CERTIFICATE OF ANALYSIS WHI13000036.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
1243559	Rock	0.056	23	24	0.34	309	0.080	<20	1.03	0.008	0.62	<0.1	0.09	0.4	<0.05	3.4	0.8	4	<0.2
1243560	Rock	0.063	17	19	0.22	188	0.044	<20	0.76	0.003	0.42	<0.1	0.12	0.2	<0.05	3.3	1.1	3	<0.2
1243561	Rock	0.049	14	12	0.13	149	0.023	<20	0.55	0.002	0.27	<0.1	0.08	0.1	<0.05	2.5	1.7	2	<0.2
1243562	Rock	0.053	14	16	0.10	160	0.016	<20	0.53	0.001	0.22	<0.1	0.08	0.1	<0.05	3.9	1.2	2	<0.2
1243563	Rock	0.033	9	7	0.04	99	0.006	<20	0.29	0.002	0.15	<0.1	0.02	<0.1	<0.05	1.3	0.7	1	<0.2

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QUALITY CONTROL REPORT WHI13000036.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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																					
1243512	Rock	2.92	<2	1.5	26.5	18.7	86	0.1	25.1	10.2	440	2.56	21.2	<0.5	7.1	8	0.1	0.6	0.2	27	0.07
REP 1243512	QC		<2																		
1243524	Rock	1.83	4	0.9	26.0	10.6	38	0.1	11.3	4.4	171	1.92	4.7	2.6	6.7	7	<0.1	0.6	0.2	23	0.02
REP 1243524	QC			1.0	26.0	10.9	39	0.1	10.8	4.6	174	1.97	4.9	3.9	6.8	7	<0.1	0.6	0.2	23	0.03
1243545	Rock	2.19	5	2.5	44.7	21.5	83	0.1	29.5	6.0	234	4.26	6.1	4.5	10.5	8	0.2	0.2	0.2	30	0.10
REP 1243545	QC		5																		
1243546	Rock	2.10	6	1.1	28.4	11.2	60	0.1	17.7	5.3	174	2.39	4.8	2.5	17.6	8	<0.1	0.3	<0.1	27	0.10
REP 1243546	QC			1.1	27.3	11.0	59	0.1	18.2	5.4	175	2.40	4.7	1.1	19.0	8	0.2	0.2	<0.1	26	0.13
Core Reject Duplicates																					
1243507	Rock	2.51	2	1.4	21.3	11.4	86	<0.1	28.1	5.8	329	4.38	9.1	3.0	5.5	8	0.2	0.6	0.6	19	0.04
DUP 1243507	QC		4	1.3	22.5	11.4	92	<0.1	29.4	5.9	329	4.38	8.9	0.6	5.3	7	0.2	0.7	0.7	19	0.04
1243540	Rock	1.56	<2	0.6	20.0	10.6	47	<0.1	14.1	4.6	141	1.80	2.7	2.3	7.3	6	<0.1	0.2	0.1	30	0.13
DUP 1243540	QC		2	0.6	19.7	10.7	46	<0.1	14.3	4.4	140	1.80	2.6	1.6	7.1	6	<0.1	0.2	<0.1	29	0.13
Reference Materials																					
STD DS9	Standard			11.7	105.7	129.4	318	1.7	36.5	7.1	580	2.35	26.0	112.6	5.9	77	2.4	4.8	7.3	38	0.70
STD DS9	Standard			11.0	101.7	121.5	287	1.7	39.9	6.9	569	2.24	24.2	83.8	5.8	67	2.4	4.1	5.5	37	0.68
STD OREAS45EA	Standard			1.2	674.2	15.3	29	0.3	364.9	53.1	414	21.91	7.9	55.0	10.7	4	<0.1	0.1	0.3	318	0.04
STD OREAS45EA	Standard			1.2	678.4	15.2	30	0.3	373.8	51.0	417	23.50	7.5	49.6	11.3	4	<0.1	0.2	0.2	295	0.03
STD OXK94	Standard		3719																		
STD OXK94	Standard		3612																		
STD SH55	Standard		1393																		
STD SH55	Standard		1391																		
STD SH55 Expected			1375																		
STD OXK94 Expected			3562																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	53	10.7	4.05	0.03	0.64	0.26	295	0.032
BLK	Blank		<2																		
BLK	Blank		<2																		

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Project: Lucky Strike
Report Date: August 09, 2013

QUALITY CONTROL REPORT WHI13000036.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	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	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
1243512	Rock	0.046	11	14	0.06	185	0.011	<20	0.49	0.008	0.20	<0.1	0.25	0.2	<0.05	2.7	<0.5	2	<0.2
REP 1243512	QC																		
1243524	Rock	0.028	12	12	0.12	193	0.029	<20	0.62	0.004	0.30	<0.1	0.05	0.2	<0.05	2.0	<0.5	2	<0.2
REP 1243524	QC	0.028	12	12	0.12	198	0.030	<20	0.63	0.005	0.31	<0.1	0.06	0.2	<0.05	2.0	<0.5	2	<0.2
1243545	Rock	0.099	22	17	0.19	202	0.045	<20	0.82	0.008	0.40	<0.1	0.02	0.2	<0.05	2.4	1.9	2	<0.2
REP 1243545	QC																		
1243546	Rock	0.050	47	16	0.26	198	0.070	<20	1.00	0.014	0.54	<0.1	0.03	0.3	<0.05	2.6	0.7	3	<0.2
REP 1243546	QC	0.047	47	16	0.26	200	0.073	<20	1.00	0.014	0.54	<0.1	0.02	0.3	<0.05	2.4	1.1	3	<0.2
Core Reject Duplicates																			
1243507	Rock	0.067	11	10	0.08	132	0.018	<20	0.50	0.008	0.25	<0.1	0.32	0.1	<0.05	1.7	<0.5	1	<0.2
DUP 1243507	QC	0.069	11	10	0.08	130	0.018	<20	0.46	0.007	0.24	<0.1	0.31	0.1	<0.05	1.7	<0.5	1	<0.2
1243540	Rock	0.053	18	16	0.28	189	0.073	<20	0.87	0.020	0.51	<0.1	0.01	0.3	<0.05	2.5	<0.5	3	<0.2
DUP 1243540	QC	0.050	17	16	0.28	180	0.072	<20	0.84	0.017	0.49	<0.1	0.02	0.3	<0.05	2.2	<0.5	3	<0.2
Reference Materials																			
STD DS9	Standard	0.088	12	110	0.62	307	0.094	<20	0.95	0.082	0.40	2.7	0.21	5.2	0.17	2.3	6.4	4	4.9
STD DS9	Standard	0.080	11	116	0.61	292	0.099	<20	0.91	0.076	0.39	2.3	0.22	4.7	0.16	1.8	4.4	4	4.9
STD OREAS45EA	Standard	0.030	7	813	0.10	152	0.086	<20	3.04	0.017	0.05	<0.1	0.02	<0.1	<0.05	76.7	<0.5	12	<0.2
STD OREAS45EA	Standard	0.028	7	810	0.10	150	0.088	<20	2.99	0.015	0.05	<0.1	0.01	<0.1	<0.05	80.4	<0.5	13	<0.2
STD OXK94	Standard																		
STD OXK94	Standard																		
STD SH55	Standard																		
STD SH55	Standard																		
STD SH55 Expected																			
STD OXK94 Expected																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59	5.02
STD OREAS45EA Expected		0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.34	0.072	0.044	78	2.09	11.7	0.11
BLK	Blank																		
BLK	Blank																		

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QUALITY CONTROL REPORT WHI13000036.1

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01
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																					
G1-WHI	Prep Blank		<2	<0.1	1.9	3.0	47	<0.1	3.5	4.1	556	1.97	0.6	4.9	4.4	57	0.1	<0.1	<0.1	34	0.43
G1-WHI	Prep Blank		<2	<0.1	2.2	2.9	47	<0.1	3.6	4.4	550	1.97	<0.5	1.1	4.5	60	<0.1	<0.1	<0.1	34	0.42

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		1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Te ppm 0.2
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	<0.05	<0.1	<0.5	<1	<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	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			
G1-WHI	Prep Blank	0.077	8	7	0.59	219	0.117	<20	0.94	0.074	0.49	<0.1	<0.01	0.3	<0.05	2.1	<0.5	5	<0.2
G1-WHI	Prep Blank	0.075	8	7	0.57	211	0.120	<20	0.94	0.074	0.46	<0.1	0.02	0.3	<0.05	2.0	<0.5	5	<0.2

APPENDIX II

SAMPLE INFORMATION

2013 soil samples

SAMPLE-ID	Northing	Easting	Depth_cm	Horizon_Sa	Colour	Organics	Ang_Rock	Gravel	Sand	Silt	Clay	Parent_Mat	Moisture_C	Vegetation	Topo_Posit
1237869	7009535	595185	>70	C	light brown			20		60	20	weathered bedrock	moist	deciduous forest	mid slope
1237876	7009484	595136	60-70	C	light brown			20		60	20	weathered bedrock	moist	deciduous forest	mid slope
1237877	7009458	595135	60-70	C	light brown			20		60	20	weathered bedrock	moist	deciduous forest	mid slope
1237701	7009082	594989	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237702	7009107	594988	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237703	7009132	594988	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237704	7009157	594988	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237705	7009182	594988	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237706	7009207	594988	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237707	7009232	594988	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237708	7009257	594988	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237709	7009282	594987	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237710	7009307	594987	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237711	7009332	594987	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237712	7009357	594987	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237713	7009382	594987	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237714	7009407	594987	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237715	7009432	594987	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237716	7009457	594986	40-50	B/C	light brown			20		60	20	Slumped	damp	deciduous forest	mid slope
1237717	7009482	594986	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237718	7009507	594986	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237719	7009532	594986	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237720	7009557	594986	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237721	7009583	594986	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237722	7009583	594936	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237723	7009557	594936	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237724	7009532	594936	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237725	7009507	594936	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237726	7009482	594936	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237727	7009457	594936	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237728	7009432	594937	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237729	7009407	594937	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237730	7009382	594937	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237731	7009081	594789	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237732	7009106	594788	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237733	7009131	594788	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237734	7009156	594788	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237735	7009181	594788	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237736	7009206	594788	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237737	7009231	594788	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237738	7009256	594788	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237739	7009281	594787	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237740	7009306	594787	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237741	7009331	594787	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237742	7009356	594787	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237743	7009381	594787	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237744	7009406	594787	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237745	7009431	594787	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237746	7009456	594786	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237747	7009481	594786	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237748	7009506	594786	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237749	7009531	594786	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237750	7009556	594786	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237751	7009074	595107	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237752	7009107	595081	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237753	7009146	595093	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237754	7009154	595088	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237755	7009183	595081	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237756	7009206	595085	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237757	7009231	595082	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237758	7009262	595079	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237759	7009287	595086	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237760	7009314	595084	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237761	7009330	595083	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237762	7009363	595090	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237763	7009382	595091	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237764	7009412	595080	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237765	7009436	595085	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237766	7009465	595077	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237767	7009491	595095	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237768	7009510	595082	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237769	7009530	595081	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237770	7009568	595086	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237771	7009588	595082	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237772	7009578	595028	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237773	7009558	595038	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237774	7009525	595041	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237775	7009498	595041	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237776	7009481	595036	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237777	7009456	595044	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237778	7009435	595034	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237779	7009411	595031	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237780	7009349	595031	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237781	7009299	595033	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237782	7009252	595035	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237783	7009208	595033	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237784	7009151	595035	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237785	7009109	595038	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237786	7009070	594829	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237787	7009115	594836	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237788	7009132	594840	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237789	7009156	594843	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237790	7009180	594839	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237791	7009204	594839	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237792	7009231	594831	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237793	7009261	594829	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237794	7009287	594831	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237795	7009306	594833	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237796	7009338	594833	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope
1237797	7009363	594834	40-50	B/C	light brown			20		60	20	weathered bedrock	damp	deciduous forest	mid slope

1237798	7009384	594827	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237799	7009408	594831	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237800	7009436	594827	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237801	7009583	594637	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237802	7009545	594633	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237803	7009524	594636	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237804	7009502	594637	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237805	7009478	594640	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237806	7009452	594639	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237807	7009428	594639	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237808	7009404	594637	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237809	7009378	594638	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237810	7009354	594639	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237811	7009328	594635	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237812	7009301	594639	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237813	7009274	594633	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237814	7009252	594636	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237815	7009220	594626	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237816	7009203	594634	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237817	7009178	594636	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237818	7009152	594638	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237819	7009120	594639	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237820	7009099	594639	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237821	7009081	594638	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237822	7009578	594688	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237823	7009555	594686	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237824	7009531	594687	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237825	7009505	594685	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237826	7009480	594685	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237827	7009455	594687	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237828	7009416	594693	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237829	7009401	594687	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237830	7009383	594687	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237831	7009342	594693	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237832	7009327	594688	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237833	7009307	594690	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237834	7009279	594690	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237835	7009251	594682	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237836	7009228	594688	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237837	7009206	594689	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237838	7009180	594686	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237839	7009152	594686	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237840	7009129	594689	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237841	7009106	594687	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237842	7009083	594685	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237843	7009580	594735	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237844	7009554	594732	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237845	7009528	594737	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237846	7009501	594737	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237847	7009482	594737	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237848	7009456	594737	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237849	7009432	594733	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237850	7009394	594734	40-50	B/C	light brown	20	60	20	weathered bedrock	damp	deciduous forest	mid slope
1237851	7009084	595188	60-70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237852	7009109	595189	60-70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237853	7009135	595189	40-50	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237854	7009159	595187	40-50	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237855	7009184	595187	60-70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237856	7009207	595187	>70	B/C	light brown	20	60	20	weathered bedrock	partially frozen	deciduous forest	mid slope
1237857	7009236	595187	>70	B/C	light brown	20	60	20	weathered bedrock	partially frozen	deciduous forest	mid slope
1237858	7009261	595186	>70	B/C	light brown	20	60	20	weathered bedrock	partially frozen	deciduous forest	mid slope
1237859	7009285	595187	40-50	C	light brown	20	60	20	weathered bedrock	wet	deciduous forest	mid slope
1237860	7009309	595185	>70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237861	7009334	595187	>70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237862	7009357	595187	>70	B/C	light brown	30	0	70	weathered bedrock	moist	deciduous forest	mid slope
1237863	7009383	595186	40-50	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237864	7009409	595186	40-50	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237865	7009436	595187	>70	B	light brown	20	60	20	weathered bedrock	wet	deciduous forest	mid slope
1237866	7009459	595186	>70	B/C	light brown	20	60	20	weathered bedrock	wet	deciduous forest	mid slope
1237867	7009483	595188	60-70	B	light brown	20	60	20	weathered bedrock	wet	deciduous forest	mid slope
1237868	7009509	595185	>70	C	yellowish orange	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237870	7009559	595186	>70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237871	7009583	595186	>70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237872	7009584	595136	60-70	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237873	7009558	595136	>70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237874	7009532	595137	>70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237875	7009507	595135	50-60	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237878	7009433	595136	60-70	C	yellowish orange	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237879	7009408	595137	>70	C	yellowish orange	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237880	7009384	595136	40-50	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237881	7009357	595134	50-60	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237882	7009334	595136	50-60	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237883	7009309	595136	60-70	B/C	yellowish orange	20	60	20	weathered bedrock	frozen	deciduous forest	mid slope
1237884	7009284	595138	60-70	B/C	yellowish orange	20	60	20	weathered bedrock	wet	deciduous forest	mid slope
1237885	7009257	595136	60-70	B/C	yellowish orange	20	60	20	weathered bedrock	wet	deciduous forest	mid slope
1237886	7009234	595138	60-70	B/C	yellowish orange	20	60	20	weathered bedrock	wet	deciduous forest	mid slope
1237887	7009204	595140	30-40	B	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237888	7009191	595133	30-40	B	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237889	7009161	595138	50-60	C	yellowish orange	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237890	7009135	595139	>70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237891	7009110	595139	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237892	7009084	595137	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237893	7009582	594887	50-60	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237894	7009559	594885	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237895	7009534	594886	50-60	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237896	7009507	594884	50-60	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237897	7009481	594886	60-70	B/C	light brown	20	60	20	weathered bedrock	frozen	deciduous forest	mid slope
1237898	7009456	594887	60-70	B	light grey	20	60	20	weathered bedrock	frozen	deciduous forest	mid slope
1237899	7009431	594886	60-70	B/C	light brown	20	60	20	weathered bedrock	frozen	deciduous forest	mid slope
1237900	7009410	594887	40-50	B	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237901	7009380	594885	40-50	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope

1237902	7009357	594886	40-50	B	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237903	7009355	594939	50-60	B	light brown	20	60	20	weathered bedrock	frozen	deciduous forest	mid slope
1237904	7009333	594937	40-50	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237905	7009307	594939	60-70	B/C	yellowish orange	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237906	7009281	594939	>70	B/C	yellowish orange	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237907	7009255	594938	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237908	7009232	594939	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237909	7009209	594935	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237910	7009182	594939	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237911	7009158	594937	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237912	7009132	594939	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237913	7009104	594935	50-60	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237914	7009083	594938	>70	B	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237915	7009082	594890	>70	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237916	7009105	594889	>70	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237917	7009131	594888	>70	C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237918	7009156	594887	>70	B	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237919	7009179	594889	>70	C	yellowish orange	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237920	7009208	594887	50-60	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237921	7009229	594887	>70	B	light grey	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237922	7009259	594892	>70	B	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237923	7009283	594888	>70	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237924	7009308	594886	30-40	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237925	7009331	594887	30-40	B/C	light brown	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237926	7008766	594270	>70	C	yellowish orange	20	60	20	weathered bedrock	moist	deciduous forest	mid slope
1237927	7008758	594281	30-40		light brown	20	60	20	slumped / weathered BR	dry	deciduous forest	mid slope
1237928	7008746	594274	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237929	7008757	594262	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237932	7009464	594838	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237933	7009486	594829	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237934	7009511	594832	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237935	7009530	594832	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237936	7009562	594831	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237937	7009582	594786	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237938	7009582	594831	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237951	7009377	594739	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237952	7009356	594736	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237953	7009330	594733	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237954	7009305	594737	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237955	7009275	594742	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237956	7009261	594732	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237957	7009232	594738	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237958	7009205	594736	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237959	7009178	594742	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237960	7009156	594737	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237961	7009128	594737	30-40		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237962	7009107	594738	40-50		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope
1237963	7009077	594738	40-50		light brown	20	60	20	slumped / weathered BR	damp	deciduous forest	mid slope

2013 Rock Samples

Lab_Tag	Northing	Easting	Sample_Dep (CM)	Description
1227801	7009087.32	594584.43	75	mini trench, 3 m long, 030, gaps in centre, frozen at bottom, quartz mica schist, blocky broken subcrop
1227802	7009097.63	594586.14	100	mini trench, 030, gps from centre, 1 m deep. Permafrost, tan/light brown soil, increased mica-sericite-muscovite schist, competent blocky rock fragments,
1227803	7009108.85	594588.48	50	mini trench, 050, gps from centre, 0 - 4.5 m sample, orthogneiss, some heavy alteration with rusty fractures and sericite -hematite alteration, mostly quartz
1227804	7009073.97	594585.37	150	pit, 1.5 m deep, heavily oxidized quartz-pyrite oxidized staining (black mineral?), lots of mica schist, feldspar present.
1227805	7009061.70	594581.25	75	quartz, feldspar, mica, heavily altered orthogneiss, heavily oxidized/fractured.
1227806	7009041.89	594578.61	150	pit, 1.5 m deep, oxidized orthogneiss, quartz veining
1232101	7008903.19	594616.10	80	Pit dug at 30 ppb soil sample, limonitic orthogneiss, in situ subcrop, 80 cm pit
1232102	7008765.58	594271.63	75	Pit dug at 50 ppb soil (aurora), previous soil sample depth was 30 cm, limonitic quartz/feldspar altered and strongly oxidized and fractured orthogneiss
1232103	7008980.80	594563.29	75	Taken from Trench 003 around 50 m mark, found in excavation pile beside trench, 1-2 cm dark grey quartz veins and blebs in quartz/feldspar altered
1243501	7008946.09	594596.66	80	orthogneiss, strong oxidation, permafrost
1243502	7008948.08	594596.89	80	orthogneiss, strong oxidation, permafrost
1243503	7008950.06	594597.12	100	orthogneiss, mod oxidation, permafrost
1243504	7008952.05	594597.34	100	orthogneiss, mod oxidation, permafrost
1243505	7008954.04	594597.57	100	orthogneiss, weaker oxidation, permafrost
1243506	7008956.02	594597.80	100	orthogneiss, patchy stronger oxidation, few lighter color gneiss zones
1243507	7008958.01	594598.03	100	orthogneiss, patchy stronger oxidation
1243508	7008960.00	594598.25	120	orthogneiss, mod oxidation, permafrost
1243509	7008961.98	594598.48	100	grey orthogneiss, mod oxidation
1243510	7008963.97	594598.71	150	strong oxidized orthogneiss, permafrost
1243511	7008965.96	594598.93	100	orthogneiss, mod oxidation, permafrost
1243512	7008967.95	594599.16	80	orthogneiss, mod oxidation, permafrost
1243513	7008969.93	594599.39	100	orthogneiss, mod oxidation, permafrost
1243514	7008971.92	594599.61	100	strong oxidized orthogneiss, permafrost
1243515	7008973.91	594599.84	100	rotten moderate to strong oxidized orthogneiss
1243516	7008975.89	594600.07	100	rotten moderate to strong oxidized orthogneiss, sericite
1243517	7008977.88	594600.29	100	lighter color orthogneiss, moderately oxidized orthogneiss
1243518	7008979.87	594600.52	150	rotten light grey orthogneiss local quartz/feldspar alternation (40%)
1243519	7008981.86	594600.75	100	rotten light grey orthogneiss local quartz/feldspar alternation, aphanitic beige
1243520	7008983.84	594600.98	100	darker orthogneiss with beige to orange speckles and banding
1243521	7008985.83	594601.20	100	weak to moderate oxidized orthogneiss, feldspar alteration, <5mm kspar
1243522	7008987.82	594601.43	100	sericite orthogneiss, feldspar banding, local strong oxidation
1243523	7008989.80	594601.66	100	sericite orthogneiss, feldspar banding, local strong oxidation, vuggy limonite (soft orange mineral) veinlets cross cut gneiss fabric
1243524	7008991.79	594601.88	100	rotten, crumbly, strongly oxidized orthogneiss, local quartz/feldspar
1243525	7008993.78	594602.11	100	mod oxidized orthogneiss with minor quartz/feldspar alteration (25%),
1243526	7008995.77	594602.34	100	dark color orthogneiss with quartz/feldspar alteration, sericite, strongly
1243527	7008997.75	594602.56	100	dark color orthogneiss with minor quartz/feldspar alteration (20%), sericite,
1243528	7008999.74	594602.79	100	grey, crumbly, moderately oxidized orthogneiss, limonite banding and speckles
1243529	7009001.73	594603.02	100	50% light grey orthogneiss (mod oxidized), 50% darker limonite banded
1243530	7009003.71	594603.24	75	rotten strongly oxidized orthogneiss
1243531	7009005.70	594603.47	75	granoblastic (courser textured and weak fabric), metagranite, quartz veins
1243532	7009007.69	594603.70	75	amphibolite, quartz, hornblende, local strong oxidation, limonitic
1243533	7009009.67	594603.93	75	light grey, moderately oxidized orthogneiss, local strong oxidation and
1243534	7009011.66	594604.15	75	light grey, moderately oxidized orthogneiss, local strong oxidation and quartz/feldspar alteration, dark brown fracture fill veinlets
1243535	7009013.65	594604.38	75	grey orthogneiss, strong oxidation locally, quartz/feldspar alteration, local jig
1243536	7009015.64	594604.61	75	mod oxidized orthogneiss, rotten/strong oxidation locally
1243537	7009017.62	594604.83	75	strongly oxidized orthogneiss, rotten
1243538	7009019.61	594605.06	75	strongly oxidized orthogneiss, rotten, minor quartz veins
1243539	7009021.60	594605.29	75	orthogneiss, local strongly oxidized and quartz/feldspar alt'd, minor jig saw
1243540	7009023.58	594605.51	75	moderately oxidized orthogneiss
1243541	7009025.57	594605.74	80	moderately oxidized orthogneiss, rotten locally
1243542	7009027.56	594605.97	80	moderately oxidized orthogneiss, rotten locally
1243543	7009029.55	594606.20	80	moderately oxidized orthogneiss, rotten locally
1243544	7009031.53	594606.42	80	moderately oxidized orthogneiss, rotten locally
1243545	7009033.52	594606.65	80	moderately oxidized orthogneiss, rotten locally, permafrost
1243546	7009035.51	594606.88	80	moderately oxidized orthogneiss, rotten locally, permafrost
1243547	7009037.49	594607.10	80	moderately oxidized orthogneiss, rotten locally, permafrost

1243548	7009046.43	594605.47	80	No sample between 94 - 100 m, permafrost, poor sample, rotten, strongly
				unique orange soil, permafrost, fresh granoblastic (sub intrusive), fresh
1243549	7009048.38	594605.93	100	crystalline granite with large (10 mm) tourmaline phenocrysts
1243550	7009050.32	594606.39	60	rotten strongly oxidized orthogneiss, dark grey quartz veinlets and blebs,
1243551	7009052.27	594606.84	80	strongly oxidized orthogneiss, dark grey fracture fill (quartz?),
1243552	7009054.22	594607.30	70	rotten strongly oxidized orthogneiss with quartz veins, local feldspar alt'n
1243553	7009056.16	594607.76	100	dark grey orthogneiss, moderate to strong oxidation locally,
1243554	7009058.11	594608.22	100	moderately oxidized orthogneiss, sericite
1243555	7009060.06	594608.68	100	moderate to strongly oxidized orthogneiss, sericite
1243556	7009062.00	594609.14	100	rotten strongly oxidized orthogneiss,
1243557	7009063.95	594609.60	120	grey schist, limonite fracture fill, local quartz/feldspar alteration
1243558	7009065.90	594610.06	100	moderate to strongly oxidized schist, sericite
1243559	7009067.84	594610.52	100	moderately oxidized orthogneiss, <2mm orange (feldspar banding)
1243560	7009069.79	594610.98	100	moderately oxidized orthogneiss, <2mm orange (feldspar banding)
1243561	7009071.74	594611.44	75	moderately oxidized schist
1243562	7009073.68	594611.90	80	rotten, strongly oxidized schist
1243563	7009075.63	594612.36	70	light grey schist/orthogneiss, minor quartz banding, competent subcrop, weak
				light grey (bleached), fine textured, weak to no fabric (intrusive dyke or
1243564	7009112.92	594585.88	60	alteration pattern?), feldspar/limonite phenos, darker grey blebs locally
1243565	7009114.88	594586.25	50	50% grey sericite schist, 50% intrusive dyke/feldspar altered (previous sample)
1243566	7009116.85	594586.61	75	quartz sericite schist, local strong oxidation, limonitic fractures
				quartz sericite schist, local strong oxidation, limonite stained fractures/veinlets,
1243567	7009118.82	594586.98	100	weak metamorphic fabric compared to trench 001
1243568	7009120.78	594587.34	50	moderately oxidized darker grey orthogneiss, feldspar/limonite and quartz
				moderately oxidized darker grey orthogneiss, feldspar/limonite and quartz
1243569	7009122.75	594587.71	60	banding, local stronger oxidation
				weak to moderate oxidized quartz sericite schist, fine textured milky quartz
1243570	7009124.71	594588.07	60	intrusive (maybe alteration pattern), weak fabric
1243571	7009126.68	594588.44	40	weak oxidized quartz sericite schist
1243572	7009128.65	594588.80	75	moderate to strongly oxidized schist/orthogneiss, limonite speckled
1243573	7009130.61	594589.17	75	permafrost, moderately oxidized schist
1243574	7009132.58	594589.53	75	permafrost, moderately oxidized schist
1243575	7009134.55	594589.90	75	quartz sericite schist, minor fractured fine texture intrusive/alteration zones
1243576	7009136.51	594590.26	75	quartz mica schist, local strong oxidation
1243577	7009138.48	594590.63	75	quartz mica schist, local strong oxidation
1243578	7009140.45	594590.99	75	quartz mica schist, local strong oxidation
1243579	7009142.41	594591.36	75	quartz mica schist, local strong oxidation
1243580	7009144.38	594591.72	75	quartz mica schist, moderate oxidation
1243581	7009146.34	594592.09	40	weak to moderately oxidized orthogneiss, granoblastic (courser textured),
				weak to moderately oxidized orthogneiss, granoblastic (courser textured),
1243582	7009148.31	594592.45	50	increase quartz, orange stained quartz banding
				weak to moderately oxidized orthogneiss, granoblastic (courser textured),
1243583	7009150.28	594592.82	60	increase quartz, orange stained quartz banding
1243584	7009130.16	594589.60	50	light grey blue sericite quartz schist, few bull qrtz veins
1243585	7009131.68	594590.90	50	light grey blue sericite quartz schist, few bull qrtz veins, local strongly oxidation,
1243586	7009133.19	594592.21	50	light grey blue sericite quartz schist, few bull qrtz veins, local strongly oxidation,
1243587	7009134.70	594593.52	100	moderately oxidized grey sericite quartz schist, local quartz flooding
1243588	7009136.22	594594.83	100	moderately oxidized grey sericite quartz schist, local (50%) strongly oxidized
1243589	7009137.73	594596.14	75	broken, strongly oxidized schist,
1243590	7009139.24	594597.44	75	broken, strongly oxidized schist,
1243591	7009140.76	594598.75	75	50% blue orthogneiss with limonite banding, 50% broken strongly oxidized
1243592	7009142.27	594600.06	60	broken, strongly oxidized schist,
1243593	7009143.78	594601.37	100	broken, strongly oxidized schist,
1243594	7009145.29	594602.68	100	weak to moderate oxidized orthogneiss, lighter color and granoblastic/ courser
1243595	7009146.81	594603.98	50	mica rich orthogneiss, up to 5mm mica flakes, local broken and oxidized
1243596	7009148.32	594605.29	50	mica rich orthogneiss, up to 5mm mica flakes, local broken and oxidized
1243597	7009149.83	594606.60	100	moderately oxidized orthogneiss, quartz veining locally, biotite replaced mica
				50% finer textured orthogneiss that fades into 50% course crystalline
1243598	7009151.35	594607.91	100	(granoblastic), sub granite, weak to no fabric, competent weak oxidized rock,
1243599	7008944.63	594573.48	100	moderately oxidized orthogneiss, minor quartz veins
				moderately oxidized orthogneiss, minor quartz veins, 25% strongly oxidized and
1243600	7008946.63	594573.43	100	sub jig saw brecciation (maybe fracture fill?)
1243601	7008948.63	594573.37	70	light grey orthogneiss, feldspar altered, strongly oxidized and fractured sections
1243602	7008950.63	594573.32	75	moderate oxidized orthogneiss with bull quartz veins, local strongly oxidized
1243603	7008952.63	594573.26	75	moderate oxidized orthogneiss with bull quartz veins, local strongly oxidized

1243604	7008954.63	594573.21	100	mica rich orthogneiss, local moderate oxidation
1243605	7008956.62	594573.15	100	orthogneiss, local strong oxidation, few bull quartz veins
1243606	7008958.62	594573.10	50	orthogneiss, local strong oxidation, few bull quartz veins (25% milky quartz
1243607	7008960.62	594573.04	100	orthogneiss, local strong oxidation, few bull quartz veins
1243608	7008962.62	594572.99	120	broken, strongly oxidized orthogneiss, permafrost
1243609	7008964.62	594572.93	100	moderate oxidized orthogneiss, white brittle feldspar banding
1243610	7008966.62	594572.88	100	orthogneiss, local very fractured and oxidized sugary quartz/feldspar altered
1243611	7008968.62	594572.82	100	moderately oxidized orthogneiss, local strong oxidation
1243612	7008970.62	594572.77	150	50% moderately oxidized orthogneiss, 50% strongly oxidized orthogneiss
				moderately oxidized orthogneiss, local strong oxidation with fractures (1 -2mm
1243613	7008972.62	594572.71	100	fracture filled with dark brown mineral),
1243614	7008974.62	594572.66	100	moderately oxidized orthogneiss
1243615	7008976.62	594572.61	100	strongly oxidized orthogneiss with quartz/feldspar alteration, jig saw
				broken, strongly oxidized orthogneiss with quartz/feldspar veining, limonite
1243616	7008978.62	594572.55	100	fractures, unique grey/blue clay (fault gouge?),
1243617	7008980.62	594572.50	100	broken, strongly oxidized orthogneiss with quartz veining, limonite fractures
1243618	7008982.62	594572.44	100	broken moderately oxidized blue grey schist/orthogneiss (60%)
				strongly oxidized, broken, quartz/feldspar altered, orthogneiss, dark grey
1243619	7008984.61	594572.39	75	quartz breccia, blue grey fine textured schist? Is ,matrix?
1243620	7008986.61	594572.33	75	strongly oxidized, broken, quartz/feldspar altered, orthogneiss, local jig saw
1243621	7008988.61	594572.28	100	strongly oxidized, broken, quartz/feldspar altered, orthogneiss
				strongly oxidized, broken, quartz/feldspar altered, orthogneiss, dark grey
1243622	7008990.61	594572.22	100	quartz breccia, blue grey fine textured schist? Is ,matrix?
1243623	7008992.61	594572.17	100	strongly oxidized, broken, quartz/feldspar altered, orthogneiss, local jig saw
1243624	7008994.61	594572.11	75	strongly oxidized, broken, quartz/feldspar altered, orthogneiss, local jig saw
				light grey medium sugary texture, equigranular?, kspar crystals, feldspar
1243625	7008996.61	594572.06	50	altered orthogneiss?, moderate oxidation
1243626	7008998.61	594572.00	75	70% previous sample (light grey altered orthogneiss), 30% broken, strongly
1243627	7009000.61	594571.95	80	moderately oxidized, fractured orthogneiss
1243628	7009002.61	594571.89	100	light grey sericite schist (maybe feldspar altered orthogneiss), few quartz veins,
				light grey sericite schist (maybe feldspar altered orthogneiss), local dark grey
1243629	7009004.61	594571.84	100	quartz brecciation (jig saw style)
1243630	7009006.61	594571.78	50	blue grey moderately oxidized schist, decomposing feldspar phenos
				moderately oxidized orthogneiss (<5mm feldspar/quartz banding), dark grey
1243631	7009008.61	594571.73	75	quartz (sub brecciated) @ 20%),
1243632	7009010.60	594571.67	100	moderately oxidized orthogneiss
				70% strongly oxidized orthogneiss, 30% light blue grey sugary quartz/feldspar
1243633	7009012.60	594571.62	100	altered unit, darker grey blebs locally
1243634	7008966.86	594525.35	120	moderately oxidized orthogneiss, minor bull quartz veins
				20% moderately oxidized orthogneiss, 80% light grey sugary quartz/feldspar
1243635	7008968.86	594525.42	100	altered unit, local brecciation and strong oxidization
1243636	7008970.86	594525.48	80	broken, strongly oxidized orthogneiss
1243637	7008972.86	594525.55	75	50% light grey sericite schist, 50% strongly oxidized
				50% light grey sericite schist, 50% strongly oxidized, few bull quartz veins, white
1243638	7008974.86	594525.61	75	feldspar banding, limonite fracture fill
1243639	7008976.86	594525.68	120	broken, strongly oxidized orthogneiss, multiple quartz veins
1243640	7008978.85	594525.75	100	strongly oxidized , quartz/feldspar altered, orthogneiss with limonite filled
1243641	7008980.85	594525.81	75	moderately oxidized orthogneiss
1243642	7008982.85	594525.88	100	strongly oxidized , broken, quartz/feldspar altered, 20% breccia with blue grey
				strongly oxidized , broken, quartz/feldspar altered, 60% breccia with blue grey
1243643	7008984.85	594525.94	100	quartz, heavy, permafrost
				strongly oxidized , broken, quartz/feldspar altered, 60% breccia with blue grey
1243644	7008986.85	594526.01	75	quartz, heavy, permafrost
				strongly oxidized , broken, quartz/feldspar altered, 60% breccia with blue grey
1243645	7008988.85	594526.07	50	quartz, heavy, permafrost
1243646	7008990.85	594526.14	50	beige - orange strongly oxidized quartz/feldspar altered schist/orthogneiss,
1243647	7008992.85	594526.21	100	strongly oxidized orthogneiss/schist, permafrost
1243648	7008994.85	594526.27	75	moderately oxidized orthogneiss, bull quartz veining 1 - 5 cm, light grey sugary
				moderately oxidized orthogneiss, bull quartz veining 1 - 5 cm, light grey sugary
1243649	7008996.84	594526.34	75	texture, local strong oxidation and increase fractures
				moderately oxidized orthogneiss, bull quartz veining 1 - 5 cm, light grey sugary
1243650	7008998.84	594526.40	75	texture, local strong oxidation and increase fractures, 25 % breccia
1243651	7009000.84	594526.47	75	strongly oxidized orthogneiss, local jig saw style brecciation,
1243652	7009002.84	594526.53	100	strongly oxidized orthogneiss, local jig saw style brecciation (40% with dark grey
1243653	7009004.84	594526.60	120	strongly oxidized orthogneiss, local jig saw style brecciation (40% with dark grey

1243654	7009006.84	594526.67	100	broken , strongly oxidized orthogneiss
1243655	7009008.84	594526.73	75	broken, strongly oxidized orthogneiss, limonite filled fractures
1243656	7009010.84	594526.80	75	moderately oxidized bull quartz veins and minor breccia (10%)
1243657	7009012.84	594526.86	75	broken, strongly oxidized orthogneiss, limonite filled fractures
1243658	7009014.83	594526.93	75	broken, strongly oxidized orthogneiss, limonite filled fractures
1243666	7008986.85	594502.77	75	moderately oxidized light grey orthogneiss, local strong oxidation
1243667	7008986.48	594507.76	100	broken, strongly oxidized orthogneiss, few quartz veins and quartz/feldspar
1243668	7008986.11	594512.75	100	strongly oxidized orthogneiss, 60% quartz/feldspar altered
1243669	7008985.74	594517.73	100	strongly oxidized orthogneiss, quartz/feldspar altered, local breccia
1243670	7008985.37	594522.72	100	strongly oxidized orthogneiss, quartz/feldspar altered, local breccia
1243671	7008985.00	594527.71	100	strongly oxidized orthogneiss, quartz/feldspar altered, local breccia
1243672	7008984.63	594532.69	100	moderate to strongly oxidized orthogneiss, 25% quartz/feldspar altered
1243673	7008984.26	594537.68	100	strongly oxidized orthogneiss, quartz/feldspar altered, local breccia
1243674	7008983.89	594542.66	100	strongly oxidized orthogneiss, quartz/feldspar altered, local breccia
1243675	7008983.52	594547.65	100	strongly oxidized orthogneiss, quartz/feldspar altered, local breccia
1243676	7008983.15	594552.64	120	permafrost, poor sample, subcrop not reached, gravel/ sand bits, light orange
1243677	7008982.78	594557.62	120	50% strongly oxidized orthogneiss, quartz/feldspar altered, local breccia,
1243678	7008982.41	594562.61	100	moderately oxidized orthogneiss with local bull quartz veining
1243679	7008982.04	594567.60	100	moderately oxidized light grey schist (maybe altered orthogneiss), local strong
1243680	7008981.67	594572.58	100	moderately oxidized light grey orthogneiss, strongly oxidized locally with minor
1243681	7008981.30	594577.57	100	moderately oxidized, feldspar altered orthogneiss, weak fabric moderately oxidized, feldspar altered orthogneiss, dark blue grey
1243682	7008980.93	594582.56	100	blebs/veinlets (minor) weak fabric, 50% strongly oxidized
1243683	7008980.56	594587.54	100	moderately oxidized, feldspar altered orthogneiss, weak fabric, 50% strongly
1243684	7008980.19	594592.53	100	broken, strongly oxidized orthogneiss, quartz/feldspar altered with dark grey
1243685	7008979.69	594596.32	100	strongly oxidized, quartz/feldspar altered orthogneiss, local brecciation
1243686	7008979.50	594599.32	100	strongly oxidized, quartz/feldspar altered orthogneiss, local brecciation

APPENDIX III

CORRELATION MATRICES

TRENCH LSTR-13-005 CORRELATION MATRIX

	Au1_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*	*K_pct*	*W_ppm*	*Hg_ppm*	*Tl_ppm*	*S_pct*	*Sc_ppm*	*Se_ppm*	*Ga_ppm*	*Te_ppm*
Au1_ppb	1																																			
Mo_ppm	0.692633	1																																		
Cu_ppm	0.294097	-0.10526	1																																	
Pb_ppm	0.585869	0.883666	0.134903	1																																
Zn_ppm	0.564588	0.005114	0.848451	0.168172	1																															
Ag_ppm	0.852771	0.49059	0.254257	0.301262	0.50282	1																														
Ni_ppm	0.638298	0.054967	0.811754	0.144105	0.977291	0.563501	1																													
Co_ppm	0.587261	0.212551	0.576857	0.181131	0.747402	0.515841	0.816726	1																												
Mn_ppm	0.401993	0.09635	0.309258	-0.05444	0.501213	0.453294	0.576328	0.870953	1																											
Fe_pct	0.583336	0.10529	0.850628	0.227404	0.915466	0.467862	0.916882	0.715491	0.495214	1																										
As_ppm	-0.09697	-0.39603	0.443097	-0.12074	0.3721	-0.02982	0.287366	0.075521	-0.03855	0.293718	1																									
Au_ppb	0.82611	0.262407	0.325862	0.09525	0.60804	0.93255	0.682757	0.532785	0.455151	0.571315	0.06551	1																								
Th_ppm	0.074885	0.282633	0.050138	0.293074	-0.05835	-0.10092	-0.04715	-0.06886	-0.26827	0.039568	-0.36472	-0.16047	1																							
Sr_ppm	-0.12656	-0.41156	0.700771	-0.16147	0.521405	-0.01964	0.425168	0.16416	-0.00252	0.398039	0.54449	0.018089	0.091748	1																						
Cd_ppm	0.676806	0.359114	0.709197	0.536208	0.787805	0.480687	0.780423	0.659506	0.358273	0.829857	0.171823	0.51553	0.106481	0.2266	1																					
Sb_ppm	0.531803	0.622603	0.038788	0.412798	0.142234	0.656524	0.198325	0.381107	0.346868	0.180834	-0.15143	0.440543	0.087626	-0.07896	0.223998	1																				
Bi_ppm	0.463079	0.771167	0.143497	0.871258	0.093243	0.147674	0.069595	0.063937	-0.18137	0.172491	-0.19321	-0.03655	0.586024	0.039768	0.393906	0.379346	1																			
V_ppm	0.179336	0.062679	0.62282	0.125119	0.549719	0.109779	0.53545	0.441611	0.246334	0.664505	0.132587	0.115952	0.247533	0.492824	0.434143	0.367737	0.257263	1																		
Ca_pct	-0.30847	-0.31969	-0.12409	-0.3338	-0.21311	-0.30049	-0.18516	-0.22554	-0.19297	-0.27369	-0.22397	-0.20476	0.430823	0.08942	-0.28116	-0.48262	-0.20569	-0.25695	1																	
P_pct	0.618736	0.301876	0.811808	0.36875	0.83632	0.508556	0.85723	0.790752	0.550441	0.921317	0.175054	0.51657	0.109112	0.364852	0.839772	0.432318	0.329249	0.755694	-0.36437	1																
La_ppm	0.288113	0.601859	0.015325	0.483058	-0.04672	0.142438	0.011423	0.134693	-0.0353	0.072112	-0.51092	-0.02299	0.756177	-0.01558	0.217837	0.500895	0.677061	0.404506	0.119932	0.322407	1															
Cr_ppm	0.13401	-0.04263	0.723184	0.07096	0.649695	0.1174	0.619129	0.474726	0.267129	0.69682	0.186493	0.138549	0.185418	0.604847	0.490903	0.245831	0.137458	0.944862	-0.12393	0.762832	0.319988	1														
Mg_pct	-0.47223	-0.39578	0.015191	-0.476	-0.26868	-0.41044	-0.2436	-0.26764	-0.25195	-0.13837	-0.21648	-0.34465	0.527813	0.237281	-0.39214	-0.20017	-0.12298	0.310448	0.473545	-0.14508	0.248348	0.256152	1													
Ba_ppm	0.397279	0.266533	0.32108	0.140283	0.355034	0.503497	0.428734	0.394714	0.260198	0.221538	-0.12281	0.429952	-0.03853	0.14377	0.153286	0.315658	0.050891	0.151035	-0.01632	0.334284	0.179557	0.285102	-0.06582	1												
Ti_pct	-0.42726	-0.3389	-0.12745	-0.44408	-0.32504	-0.36693	-0.29067	-0.26534	-0.23617	-0.20386	-0.26036	-0.30474	0.624384	0.068756	-0.41515	-0.15592	-0.13317	0.178356	0.572047	-0.2318	0.262431	0.108838	0.931206	-0.18497	1											
B_ppm	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1										
Al_pct	-0.30352	-0.13726	0.157716	-0.15608	-0.08479	-0.35186	-0.07941	-0.08116	-0.15229	0.061732	-0.23942	-0.3553	0.652478	0.308811	-0.17631	-0.06945	0.147763	0.554834	0.431313	0.098973	0.473962	0.515512	0.881346	0.013025	0.816622	#DIV/0!	1								
Na_pct	-0.38429	-0.40816	-0.3916	-0.46155	-0.49042	-0.32984	-0.47876	-0.54294	-0.43096	-0.46854	-0.17732	-0.22269	0.286216	-0.13324	-0.49961	-0.45201	-0.2194	-0.53536	0.485379	-0.62225	-0.16304	-0.59492	0.457959	-0.44042	0.572732	#DIV/0!	0.142291	1							
K_pct	-0.42489	-0.43153	0.109148	-0.46038	-0.14657	-0.36105	-0.13645	-0.22716	-0.26713	-0.03619	-0.10086	-0.27294	0.545796	0.325821	-0.30848	-0.19851	-0.13112	0.371552	0.506081	-0.08472	0.211128	0.333375	0.972286	-0.08905	0.938191	#DIV/0!	0.889959	0.440203	1						
W_ppm	-1.9E-16	1.17E-16	-1E-16	-1.1E-16	-2.4E-16	-2.8E-16	0	-6.4E-16	2.32E-16	-6.9E-16	3.52E-16	-8.5E-17	2.33E-16	-1.4E-16	-7E-16	2.42E-16	-1.2E-16	0	1.11E-15	-1.1E-15	-2.1E-17	-6.3E-17	-4.8E-16	-1.2E-16	7.75E-17	#DIV/0!	6.59E-17	0	-5E-16	1					
Hg_ppm	0.401442	0.672105	-0.05811	0.4901	0.009033	0.349888	0.041125	0.250843	0.235637	0.069375	-0.35269	0.13543	0.249924	-0.07302	0.163882	0.789117	0.596436	0.45311	-0.423	0.372121	0.680147	0.296133	-0.06104	0.199984	-0.11087	#DIV/0!	0.117108	-0.48087	-0.14019	-1.5E-17	1				
Tl_ppm	0.079536	0.041165	0.126562	-0.16992	0.029062	0.185277	0.084191	0.188019	0.238351	0.167925	-0.30292	0.152541	0.479003	0.187562	-0.06271	0.297894	0.062017	0.481331	0.286436	0.22709	0.418179	0.413128	0.720506	0.169641	0.686576	#DIV/0!	0.753008	0.062832	0.712724	-7.8E-16	0.341789	1			
S_pct	-1.9E-16	1.17E-16	-1E-16	-1.1E-16	-2.4E-16	-2.8E-16	0	-6.4E-16	2.32E-16	-6.9E-16	3.52E-16	-8.5E-17	2.33E-16	-1.4E-16	-7E-16	2.42E-16	-1.2E-16	0	1.11E-15	-1.1E-15	-2.1E-17	-6.3E-17	-4.8E-16	-1.2E-16	7.75E-17	#DIV/0!	6.59E-17	0	-5E-16	1	-1.5E-17	-7.8E-16	1			
Sc_ppm	0.680023	0.888607	0.109571	0.783834	0.216725	0.499945	0.250385	0.388399	0.238138	0.322358	-0.33317	0.289963	0.39865	-0.14736	0.449838	0.76396	0.797958	0.447339	-0.40002	0.553186	0.725029	0.305758	-0.2044	0.23656	-0.18193	#DIV/0!	0.093735	-0.49496	-0.21937	-6.9E-17	0.856112	0.269519	-6.9E-17	1	
Se_ppm	0.242766	0.420672	0.197971	0.453442	0.136454	0.17885	0.123247	0.038566	-0.08761	0.268199	0.189701	0.040472	0.052623	0.153847	0.118327	0.517109	0.475824	0.521341	-0.54382	0.330124	0.272353	0.383424	-0.05346	0.167084	-0.14999	#DIV/0!	0.159726	-0.46952	-0.0185	-4.5E-16	0.448421	0.121869	-4.5E-16	0.520191	1	
Ga_ppm	-0.31679	-0.22374	0.0164	-0.32139	-0.17118	-0.26188	-0.12478	-0.14523	-0.15121	-0.04864	-0.17085	-0.2347	0.48509	0.219843	-0.32504	-0.02287	-0.08115	0.379976	0.465564	-0.03775	0.309073	0.375944	0.822075	0.088557	0.801558	#DIV/0!	0.86046	0.233801	0.843572	-3.7E-17	-0.02849	0.680451	-3.7E-17	-0.06268	0.143109	1
Te_ppm	0.427005	0.68181	-0.16599	0.561755	0.011123	0.426424	0.016735	0.092535	0.142074	0.045844	-0.36349	0.232871	0.141056	-0.30173	0.277575	0.590718	0.450291	0.03676	-0.27359	0.228245	0.528081	0.014435	-0.48998	0.087461	-0.40321	#DIV/0!	-0.30824	-0.39521	-0.53001	-7.2E-16	0.635418	-0.14282	-7.2E-16	0.657909	0.193821	-0.33181

TRENCH LSTR-13-004 CORRELATION MATRIX

	Au1_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*	*K_pct*	*W_ppm*	*Hg_ppm*	*Tl_ppm*	*S_pct*	*Sc_ppm*	*Se_ppm*	*Ga_ppm*	*Te_ppm*
Au1_ppb	1																																			
Mo_ppm	0.792234	1																																		
Cu_ppm	-0.27951	-0.29323	1																																	
Pb_ppm	0.305394	0.391362	-0.37429	1																																
Zn_ppm	0.369589	0.146475	0.171943	-0.09431	1																															
Ag_ppm	0.753156	0.810651	-0.34956	0.549189	0.211223	1																														
Ni_ppm	-0.02329	-0.13006	0.307348	-0.23111	0.774107	0.015328	1																													
Co_ppm	-0.04948	-0.06456	0.21531	-0.23484	0.534639	0.083124	0.911341	1																												
Mn_ppm	-0.14106	-0.11718	0.235005	-0.22402	0.273764	-0.01182	0.757374	0.939196	1																											
Fe_pct	0.473323	0.263022	0.298011	-0.21644	0.877852	0.268038	0.72645	0.616039	0.428801	1																										
As_ppm	-0.10822	-0.28299	0.041228	0.118399	0.061803	-0.1847	9.23E-05	-0.07932	-0.07061	-0.0711	1																									
Au_ppb	0.909605	0.563043	-0.36294	0.235755	0.313205	0.698999	-0.02987	-0.05743	-0.1533	0.398265	-0.08803	1																								
Th_ppm	0.482418	0.310485	-0.03103	-0.24461	0.46783	0.034227	0.222218	0.137034	0.066628	0.636327	-0.24997	0.417457	1																							
Sr_ppm	-0.41618	-0.45518	0.161681	0.056623	-0.28437	-0.38125	-0.15393	-0.14546	-0.01855	-0.41551	0.633526	-0.39293	-0.43492	1																						
Cd_ppm	-0.22103	-0.42881	0.383517	-0.30217	0.506359	-0.32537	0.694164	0.565824	0.471434	0.389705	0.307227	-0.16877	-0.00061	0.390615	1																					
Sb_ppm	0.36485	0.419849	0.059667	0.285982	0.102482	0.430442	0.097609	0.201854	0.252664	0.188358	0.481056	0.187983	-0.07163	0.334411	0.113461	1																				
Bi_ppm	0.219968	0.296785	-0.34656	0.93402	-0.12003	0.451689	-0.19605	-0.2023	-0.19213	-0.26303	-0.00585	0.180713	-0.21723	0.025248	-0.28432	0.147928	1																			
V_ppm	0.212812	0.124802	0.32138	-0.30598	0.535852	-0.11237	0.481982	0.310136	0.194974	0.625003	-0.05795	0.061462	0.65408	-0.22574	0.325817	0.06829	-0.30253	1																		
Ca_pct	-0.39424	-0.44604	0.60459	-0.45217	0.140839	-0.52189	0.169169	-2.1E-05	-0.05143	0.165422	-0.08073	-0.36678	0.110717	0.075919	0.391932	-0.33654	-0.39479	0.463998	1																	
P_pct	0.387107	0.19103	0.435376	-0.29797	0.715481	0.054164	0.57297	0.46241	0.322211	0.887012	-0.07471	0.258013	0.711214	-0.2847	0.405814	0.201371	-0.28882	0.733764	0.363346	1																
La_ppm	0.600925	0.452947	-0.06491	-0.15715	0.460742	0.159144	0.207157	0.156099	0.093933	0.640045	-0.24963	0.473363	0.954878	-0.39639	-0.00716	0.101674	-0.1671	0.628509	-0.0117	0.732018	1															
Cr_ppm	0.085269	0.078929	0.253541	-0.09305	0.49833	-0.07304	0.489109	0.269668	0.150573	0.459762	-0.01372	-0.03904	0.467436	-0.0891	0.401795	0.061685	-0.1087	0.880288	0.462723	0.532682	0.435837	1														
Mg_pct	-0.30781	-0.20068	0.488334	-0.39252	0.096284	-0.35154	0.341145	0.240193	0.236273	0.141311	-0.36449	-0.32126	0.230899	-0.07925	0.352531	-0.33708	-0.29508	0.528703	0.684232	0.275495	0.128669	0.650543	1													
Ba_ppm	-0.35895	-0.29795	0.025049	-0.14358	0.139933	-0.32576	0.35753	0.364482	0.39008	0.03002	0.363321	-0.32574	0.015993	0.521003	0.514017	0.195328	-0.14642	0.076837	0.091625	0.013594	0.022217	0.220675	0.178288	1												
Ti_pct	-0.33568	-0.22064	0.437689	-0.40221	0.076356	-0.35482	0.34524	0.252695	0.247482	0.101345	-0.38344	-0.34413	0.191998	-0.08636	0.348757	-0.32901	-0.28551	0.507758	0.658267	0.236988	0.094297	0.632763	0.987207	0.155068	1											
B_ppm	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1									
Al_pct	-0.0101	0.055306	0.305873	-0.32788	0.289705	-0.13702	0.330003	0.208393	0.122324	0.359683	-0.37759	-0.05546	0.463774	-0.21244	0.342209	-0.24973	-0.32039	0.610048	0.651584	0.48881	0.418082	0.680829	0.860694	0.170825	0.828305	#DIV/0!	1								
Na_pct	-0.27383	-0.2158	0.591762	-0.31645	-0.17616	-0.27415	-0.13252	-0.12575	-0.06683	-0.0927	-0.29766	-0.2721	-0.18021	-0.01655	-0.0119	-0.25194	-0.23604	-0.26967	0.343277	0.038471	-0.17285	-0.37014	0.210052	-0.16095	0.206511	#DIV/0!	0.121952	1							
K_pct	-0.39766	-0.37187	0.594926	-0.39794	0.25306	-0.4414	0.462298	0.290079	0.253011	0.207504	-0.18154	-0.37599	0.159189	0.078223	0.553409	-0.3232	-0.30624	0.461363	0.729903	0.303686	0.040917	0.625387	0.936174	0.313114	0.913994	#DIV/0!	0.781779	0.26569	1						
W_ppm	-0.12459	-0.06742	0.305869	-0.19003	0.079047	0.045986	0.502037	0.692639	0.79769	0.229725	-0.00947	-0.14866	-0.09922	0.231563	0.340369	0.330907	-0.15549	0.038636	-0.07404	0.167192	-0.02057	-0.01024	0.176549	0.392623	0.189379	#DIV/0!	0.020849	0.173152	0.200176	1					
Hg_ppm	0.252346	0.206806	-0.15939	-0.22285	0.03323	0.061322	-0.06146	0.002629	0.017836	0.264699	-0.40211	0.339068	0.627979	-0.31279	-0.05784	-0.13642	-0.24739	0.223343	0.177724	0.29528	0.570585	0.125972	0.258816	0.048573	0.238745	#DIV/0!	0.497124	-0.01205	0.137378	-0.08487	1				
Tl_ppm	0.101153	0.033438	0.09526	-0.18157	0.259375	0.108505	0.253707	0.173388	0.093314	0.328518	-0.35228	0.211287	0.409397	-0.23507	0.17544	-0.19903	-0.15303	0.307397	0.355852	0.303107	0.341844	0.413507	0.573676	0.127679	0.585371	#DIV/0!	0.680936	0.147094	0.537687	0.098507	0.490518	1			
S_pct	-0.21149	-0.16426	0.43837	-0.22171	-0.26589	-0.24141	-0.26306	-0.2312	-0.15314	-0.21309	-0.26418	-0.22374	-0.16492	0.0887	-0.12124	-0.22205	-0.11042	-0.36661	0.161432	-0.05313	-0.14061	-0.42986	0.147844	-0.14508	0.154285	#DIV/0!	0.04402	0.899178	0.175787	0.136447	-0.05002	0.142647	1		
Sc_ppm	0.552382	0.507078	0.011865	-0.20194	0.350666	0.153873	0.116805	0.099705	0.037728	0.575134	-0.38609	0.390561	0.882083	-0.43834	-0.06007	0.051027	-0.2096	0.61271	0.107542	0.717892	0.944531	0.397228	0.217505	-0.02326	0.176332	#DIV/0!	0.537023	-0.02538	0.077395	-0.05873	0.612106	0.36503	-0.00863	1	
Se_ppm	0.557226	0.53456	0.053101	0.045515	0.33634	0.320431	0.026062	-0.08281	-0.17904	0.466986	0.030852	0.402177	0.571178	-0.27799	-0.00108	0.362344	-0.08387	0.520259	0.128652	0.562981	0.646899	0.47468	0.150192	-0.10009	0.140749	#DIV/0!	0.471647	-0.04835	0.073613	-0.1729	0.417295	0.47946	-0.08213	0.663288	1	
Ga_ppm	-0.25494	-0.24299	0.357442	-0.49822	-0.0458	-0.37437	0.165432	0.103043	0.091536	0.042032	-0.46577	-0.22582	0.203285	-0.24569	0.101556	-0.50742	-0.35516	0.450962	0.588324	0.190151	0.120819	0.436542	0.82993	-0.04534	0.84888	#DIV/0!	0.680236	0.289565	0.701123	0.127745	0.204718	0.50023	0.28148	0.229627	0.08783	1
Te_ppm	0.602758	0.801505	-0.23997	0.722342	0.071045	0.647439	-0.1591	-0.1439	-0.13631	0.074636	-0.20691	0.366556	0.158123	-0.26742	-0.40441	0.391372	0.693969	0.022851	-0.43996	0.031585	0.271492	0.072063	-0.22169	-0.22946	-0.23396	#DIV/0!	-0.12007	-0.20427	-0.32737	-0.10153	0.04351	-0.12628	-0.13686	0.273891	0.310711	-0.33525

TRENCH LSTR-13-003 CORRELATION MATRIX

	Au1_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*	*K_pct*	*W_ppm*	*Hg_ppm*	*Tl_ppm*	*S_pct*	*Sc_ppm*	*Se_ppm*	*Ga_ppm*	*Te_ppm*
Au1_ppb	1																																			
Mo_ppm	0.617896	1																																		
Cu_ppm	0.511196	0.395456	1																																	
Pb_ppm	0.905002	0.7088	0.453271	1																																
Zn_ppm	0.179387	0.457377	0.418246	0.26348	1																															
Ag_ppm	0.952951	0.513533	0.430003	0.90373	0.133153	1																														
Ni_ppm	0.029529	0.054136	0.272366	0.091071	0.742019	0.074285	1																													
Co_ppm	-0.071	-0.00535	0.063987	-0.01681	0.464564	0.04452	0.724592	1																												
Mn_ppm	-0.08544	-0.01101	-0.08764	-0.01668	0.324651	0.050912	0.602815	0.966065	1																											
Fe_pct	0.181327	0.439422	0.509816	0.244913	0.800192	0.189283	0.591376	0.49737	0.406457	1																										
As_ppm	0.33483	-0.08633	0.388672	0.306798	0.250453	0.363122	0.32383	0.289222	0.196275	0.1212	1																									
Au_ppb	0.979566	0.702914	0.467286	0.932553	0.187011	0.935173	0.013263	-0.07944	-0.08641	0.183015	0.259496	1																								
Th_ppm	-0.06012	-0.20188	0.334519	-0.09685	0.384561	-0.08847	0.384545	-0.01631	-0.18608	0.193547	0.188254	-0.10909	1																							
Sr_ppm	0.202142	0.035978	0.256628	0.097602	0.250436	0.10199	0.002224	-0.0624	-0.12296	0.073546	0.376715	0.158808	0.205115	1																						
Cd_ppm	0.109925	0.305368	0.156031	0.227155	0.459516	0.204454	0.380921	0.772851	0.792424	0.577902	0.24774	0.117709	-0.26486	0.029898	1																					
Sb_ppm	0.933078	0.383952	0.421936	0.843746	0.054664	0.971796	0.035703	-0.00086	0.003153	0.088087	0.427514	0.893377	-0.04312	0.186551	0.140949	1																				
Bi_ppm	0.258892	0.012081	0.417538	0.274246	0.233813	0.242915	0.378602	0.06769	-0.00463	0.073996	0.513086	0.231289	0.391207	0.232373	-0.07202	0.23937	1																			
V_ppm	0.112889	0.286406	0.660435	0.091452	0.56936	0.095524	0.406007	0.201081	0.058295	0.588357	0.106981	0.077785	0.39333	0.163914	0.202675	0.044395	0.173118	1																		
Ca_pct	-0.19168	-0.23939	-0.00409	-0.2438	0.04291	-0.16312	0.369073	0.046401	-0.01426	-0.00251	-0.12165	-0.18722	0.417754	-0.17734	-0.32172	-0.16392	0.274628	0.237754	1																	
P_pct	0.142046	0.280957	0.48058	0.226759	0.732493	0.181023	0.563929	0.571868	0.478167	0.866356	0.333695	0.104743	0.148578	0.066147	0.681419	0.10496	0.09516	0.472076	-0.22926	1																
La_ppm	-0.0342	-0.03791	0.468447	-0.01098	0.349002	-0.05847	0.262393	0.000577	-0.15361	0.289989	0.070301	-0.06337	0.799986	0.114793	-0.10313	-0.01598	0.108293	0.509516	0.149814	0.288763	1															
Cr_ppm	0.103795	0.049619	0.550276	0.057418	0.500032	0.060441	0.28414	-0.01743	-0.15813	0.393918	0.185935	0.059673	0.587037	0.440212	-0.04797	0.060822	0.231798	0.745007	0.166538	0.328212	0.572265	1														
Mg_pct	-0.20476	-0.24768	0.112511	-0.3239	-0.1826	-0.18207	0.064546	-0.07232	-0.11605	-0.02709	-0.37029	-0.19405	0.330064	-0.19914	-0.35217	-0.17793	0.035785	0.319995	0.81035	-0.29999	0.253942	0.226469	1													
Ba_ppm	0.466657	0.367338	0.305836	0.368442	0.347837	0.374532	0.104932	0.138377	0.116793	0.293024	0.329832	0.43012	0.089231	0.713789	0.337819	0.40831	0.227394	0.15243	-0.18689	0.190554	-0.00742	0.172203	-0.21686	1												
Ti_pct	-0.15586	-0.25653	0.128666	-0.27301	-0.25292	-0.12613	0.02126	-0.06945	-0.10159	-0.08359	-0.30537	-0.15127	0.330186	-0.24411	-0.3456	-0.10629	0.056495	0.258997	0.759188	-0.31967	0.298285	0.151938	0.97069	-0.1988	1											
B_ppm	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1										
Al_pct	-0.17033	-0.12924	0.172389	-0.27894	0.059372	-0.1886	0.154095	-0.13152	-0.20998	0.168687	-0.30545	-0.15688	0.43678	-0.06942	-0.38356	-0.20039	0.094318	0.462468	0.798437	-0.18273	0.313324	0.403712	0.8807	-0.13441	0.819306	#DIV/0!	1								
Na_pct	-0.14887	-0.04594	-0.18327	-0.09855	0.083748	-0.06837	0.28366	0.004168	-0.00259	-0.02384	-0.06325	-0.14836	0.27593	-0.1749	-0.21704	-0.10012	0.125435	0.083694	0.376841	-0.09746	0.07455	-0.03298	0.126291	-0.11221	0.109669	#DIV/0!	0.187521	1							
K_pct	-0.21846	-0.27114	0.08121	-0.30323	-0.21503	-0.19214	0.030776	-0.12535	-0.16319	-0.05449	-0.35514	-0.205	0.403182	-0.20706	-0.41022	-0.18505	0.078003	0.237623	0.807417	-0.32028	0.317921	0.166076	0.960201	-0.21522	0.961813	#DIV/0!	0.884085	0.159416	1						
W_ppm	-0.05682	0.013978	-0.06442	-0.01979	0.010848	-0.05822	0.039368	0.1358	0.131138	0.017912	-0.12582	-0.02507	-0.15338	-0.20328	0.263722	-0.10975	-0.00632	-0.14839	-0.14667	0.096303	-0.07803	-0.22885	-0.08652	-0.07405	-0.06339	#DIV/0!	-0.13461	-0.2869	-0.08348	1					
Hg_ppm	0.079579	0.164968	-0.11694	0.130028	0.111184	0.17632	0.207932	0.759394	0.849364	0.275329	0.118966	0.082794	-0.46597	-0.01236	0.816901	0.134829	-0.22025	-0.06076	-0.26964	0.359666	-0.31568	-0.28704	-0.2492	0.302722	-0.2053	#DIV/0!	-0.37146	-0.22867	-0.28336	0.128651	1				
Tl_ppm	-0.19106	-0.18907	-0.09754	-0.1924	-0.04908	-0.03047	0.183215	0.490617	0.526909	0.257383	-0.12217	-0.19123	-0.03678	-0.24529	0.380568	-0.08959	-0.09586	0.199643	0.403579	0.149648	-0.0377	-0.00188	0.524733	-0.00276	0.544715	#DIV/0!	0.403396	-0.0084	0.507633	0.146457	0.486334	1			
S_pct	-0.05288	-0.08147	-0.14429	0.062138	-0.13948	0.06125	-0.21025	-0.14387	-0.10011	-0.20301	0.165115	-0.0489	1.34E-17	0.133035	-0.10214	-0.01023	0.210587	-0.03624	-0.04327	-0.04804	-0.11637	0.104278	-0.14827	-0.08	-0.13029	#DIV/0!	-0.11081	0.262255	-0.06185	-0.09184	-0.05067	0.095596	1		
Sc_ppm	0.198713	0.411607	0.471683	0.217855	0.69831	0.103607	0.336762	-0.00291	-0.12278	0.574879	0.087672	0.154792	0.409303	0.266511	0.080998	0.055341	0.062137	0.71005	-0.08177	0.514247	0.509769	0.694157	-0.15725	0.167052	-0.23249	#DIV/0!	0.124833	0.138288	-0.19818	-0.19125	-0.20862	-0.25259	-0.03032	1	
Se_ppm	0.460836	0.658713	0.466406	0.569813	0.243847	0.444427	-0.1221	-0.18042	-0.19701	0.452708	-0.07233	0.535312	-0.01493	0.090402	0.133473	0.335661	0.040147	0.303623	-0.04313	0.20626	0.08808	0.235919	0.083156	0.256481	0.044021	#DIV/0!	0.155157	-0.16186	0.082038	-0.08597	-0.0265	0.071912	0.027368	0.285774	1
Ga_ppm	-0.17645	-0.22894	0.085426	-0.31263	0.052291	-0.19058	0.145527	-0.14376	-0.19285	0.031547	-0.20071	-0.20123	0.347037	-0.01802	-0.42992	-0.20262	0.20967	0.372965	0.621174	-0.20743	0.105388	0.461118	0.633203	-0.20651	0.55088	#DIV/0!	0.770482	0.28976	0.579739	-0.21079	-0.41107	0.182989	0.143386	0.206841	-0.08001	1
Te_ppm	-0.07682	-0.11311	0.059976	-0.03351	-0.20023	0.016358	-0.1908	-0.07899	-0.10761	-0.18279	0.092758	-0.07151	0.045528	0.048758	-0.14661	-0.03582	0.182063	0.096608	0.041412	-0.08222	-0.02088	0.082521	0.087133	-0.1155	0.104335	#DIV/0!	0.05506	0.130178	0.117326	-0.13183	-0.06661	0.137226	0.696631	-0.08525	0.019065	0.205829

TRENCH LSTR-13-002B CORRELATION MATRIX

	Au1_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*	*K_pct*	*W_ppm*	*Hg_ppm*	*Tl_ppm*	*S_pct*	*Sc_ppm*	*Se_ppm*	*Ga_ppm*	*Te_ppm*
Au1_ppb	1																																			
Mo_ppm	0.85336	1																																		
Cu_ppm	0.183921	0.303779	1																																	
Pb_ppm	0.185493	0.31935	-0.19223	1																																
Zn_ppm	-0.03844	0.046104	0.731452	0.072351	1																															
Ag_ppm	0.192641	0.117375	0.068067	0.760044	0.32548	1																														
Ni_ppm	0.003667	0.072654	0.72899	0.112356	0.976449	0.386624	1																													
Co_ppm	0.240284	0.24996	0.669722	-0.13346	0.753481	0.011161	0.753418	1																												
Mn_ppm	0.081791	0.044744	0.539006	-0.16287	0.712037	-0.02738	0.695686	0.926216	1																											
Fe_pct	0.187041	0.320188	0.906169	-0.11673	0.854663	0.052788	0.828982	0.847363	0.740923	1																										
As_ppm	0.12071	0.282274	0.362236	-0.14592	0.440955	-0.16704	0.355983	0.587373	0.515752	0.481349	1																									
Au_ppb	0.896684	0.568082	0.183007	0.063515	0.067762	0.256488	0.112837	0.337401	0.255999	0.188765	0.03052	1																								
Th_ppm	-0.07852	-0.12999	0.232997	0.067229	0.374992	0.288449	0.47422	0.427475	0.436808	0.374933	-0.25075	0.076285	1																							
Sr_ppm	-0.14258	0.064378	0.420926	-0.33712	0.155943	-0.19667	0.150428	-0.01425	-0.08854	0.325023	-0.04356	-0.21871	0.295243	1																						
Cd_ppm	0.332956	0.43757	0.768759	-0.18359	0.585457	-0.10616	0.500026	0.575585	0.461718	0.719397	0.694583	0.28007	-0.31842	0.125738	1																					
Sb_ppm	0.228897	0.37767	0.225103	-0.30884	-0.1208	-0.42726	-0.20781	0.016011	-0.15989	0.079572	0.435504	0.03556	-0.72934	0.060087	0.583932	1																				
Bi_ppm	-0.21876	-0.18542	-0.27149	0.80593	0.145978	0.699202	0.14552	-0.21598	-0.11422	-0.17195	-0.35066	-0.13969	0.236598	-0.18475	-0.35051	-0.57203	1																			
V_ppm	0.192754	0.13186	0.51491	-0.00491	0.665036	0.228521	0.718972	0.692875	0.716483	0.70429	0.001294	0.318231	0.801163	0.185673	0.120054	-0.50989	0.056754	1																		
Ca_pct	-0.22781	-0.26388	-0.43155	0.443015	-0.00079	0.214288	-0.00407	-0.12089	0.084332	-0.16683	-0.38283	-0.13609	0.41906	-0.20009	-0.52168	-0.78876	0.703902	0.3065	1																	
P_pct	-0.02509	0.179018	0.662242	0.158976	0.738869	0.088138	0.648438	0.617325	0.629483	0.804927	0.450617	-0.0461	0.175691	0.122086	0.644283	-0.03665	0.198727	0.470986	0.200876	1																
La_ppm	-0.13921	-0.22657	-0.00736	0.061631	0.225573	0.222773	0.337248	0.311147	0.344098	0.165036	-0.38614	0.009687	0.903282	0.050807	-0.5224	-0.69711	0.202499	0.722339	0.448281	-0.05251	1															
Cr_ppm	0.023757	-0.08798	0.29888	0.074743	0.602134	0.313073	0.641936	0.56722	0.646768	0.540198	-0.10886	0.204828	0.832643	0.069566	-0.09123	-0.68201	0.252811	0.946733	0.514108	0.408772	0.800602	1														
Mg_pct	-0.12845	-0.20917	-0.06677	0.124598	0.312637	0.181341	0.353906	0.295404	0.430269	0.223917	-0.28454	0.017198	0.814557	0.038807	-0.41841	-0.8079	0.357772	0.783647	0.755545	0.214863	0.850568	0.905394	1													
Ba_ppm	-0.00939	-0.11538	0.157557	0.106628	0.611355	0.261069	0.602669	0.507417	0.628847	0.451112	-0.01012	0.198136	0.692227	0.067275	-0.04222	-0.63055	0.363082	0.829284	0.60988	0.425343	0.642132	0.903582	0.87321	1												
Ti_pct	-0.16381	-0.26751	-0.18066	0.149533	0.269417	0.193642	0.304173	0.238513	0.381398	0.129946	-0.28881	-0.0119	0.74288	-0.0735	-0.4782	-0.79832	0.38588	0.710795	0.777002	0.143281	0.83296	0.867724	0.98583	0.852236	1											
B_ppm	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1										
Al_pct	-0.09954	-0.16347	-0.0086	0.169772	0.341699	0.213541	0.383717	0.341284	0.464594	0.280178	-0.2599	0.039262	0.842116	0.055441	-0.37566	-0.81278	0.387769	0.804874	0.760531	0.285132	0.84039	0.916364	0.992354	0.872195	0.966696	#DIV/0!	1								
Na_pct	-0.20764	-0.29031	-0.46811	0.366071	0.045951	0.273966	0.039231	-0.09308	0.129722	-0.18475	-0.36285	-0.08295	0.465077	-0.17558	-0.57324	-0.77019	0.642122	0.390795	0.917282	0.064006	0.562053	0.608961	0.828161	0.71859	0.865867	#DIV/0!	0.801889	1							
K_pct	-0.1935	-0.24812	-0.13736	0.211738	0.255274	0.246579	0.307406	0.183282	0.302785	0.134881	-0.35747	-0.06559	0.826594	0.065133	-0.51536	-0.86048	0.453765	0.706411	0.796487	0.159332	0.854022	0.850304	0.98294	0.821159	0.97241	#DIV/0!	0.977502	0.844478	1						
W_ppm	1.16E-16	-6.4E-17	3.23E-16	1.08E-16	1.51E-16	4.13E-16	-1.4E-16	7.3E-16	7.85E-17	-4.7E-16	9.8E-17	-4.2E-17	1.89E-16	-1.1E-16	-2.3E-16	-9E-17	3.6E-16	2.9E-17	0	3.51E-16	-1.9E-16	9.08E-17	1.47E-16	0	4.03E-17	#DIV/0!	-1.7E-16	-4.2E-17	2.95E-16	1						
Hg_ppm	0.268431	0.406091	0.472786	-0.3403	0.007418	-0.29185	-0.04534	0.045971	-0.1472	0.22302	0.415469	0.100326	-0.60852	0.280477	0.695703	0.909979	-0.59083	-0.40278	-0.89686	0.031529	-0.70463	-0.62842	-0.84533	-0.63626	-0.8832	#DIV/0!	-0.83291	-0.90206	-0.88581	1.68E-16	1				
Tl_ppm	0.026886	0.010331	0.077103	0.28383	0.455882	0.357622	0.446585	0.3527	0.407449	0.390319	-0.07034	0.075702	0.694724	0.043884	-0.18392	-0.65962	0.405041	0.765473	0.668817	0.426941	0.66063	0.8739	0.885447	0.84776	0.872569	#DIV/0!	0.895672	0.741193	0.870662	-3.6E-16	-0.68458	1		
S_pct	1.16E-16	-6.4E-17	3.23E-16	1.08E-16	1.51E-16	4.13E-16	-1.4E-16	7.3E-16	7.85E-17	-4.7E-16	9.8E-17	-4.2E-17	1.89E-16	-1.1E-16	-2.3E-16	-9E-17	3.6E-16	2.9E-17	0	3.51E-16	-1.9E-16	9.08E-17	1.47E-16	0	4.03E-17	#DIV/0!	-1.7E-16	-4.2E-17	2.95E-16	1	1.68E-16	-3.6E-16	1		
Sc_ppm	0.24832	0.247069	0.613157	0.135278	0.597706	0.318917	0.692131	0.592375	0.540719	0.680269	-0.12579	0.286773	0.693009	0.08859	0.155281	-0.39793	0.043006	0.88664	0.154119	0.444095	0.647457	0.782547	0.5808	0.555028	0.501556	#DIV/0!	0.612732	0.165121	0.530167	3.92E-16	-0.24935	0.588277	3.92E-16	1	
Se_ppm	-0.04945	0.152589	0.708505	-0.17667	0.242813	-0.12309	0.251307	0.167329	0.087284	0.51422	-0.14803	-0.15997	0.086429	0.40546	0.367769	0.256777	-0.238	0.233333	-0.32949	0.399138	0.007858	0.068825	-0.12901	-0.18433	-0.22721	#DIV/0!	-0.08979	-0.41316	-0.15993	0	0.418625	-0.08657	0	0.498185	1
Ga_ppm	0.073753	0.032574	0.092303	0.17529	0.31015	0.227662	0.366766	0.383222	0.430101	0.353742	-0.18974	0.155113	0.889303	0.189108	-0.29798	-0.76715	0.302108	0.810741	0.659469	0.303653	0.793016	0.868978	0.917687	0.792106	0.859517	#DIV/0!	0.946854	0.663412	0.913959	4.7E-17	-0.72179	0.878279	4.7E-17	0.639188	-0.05295
Te_ppm	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

TRENCH LSTR-13-002 CORRELATION MATRIX

	Au1_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*	*K_pct*	*W_ppm*	*Hg_ppm*	*Tl_ppm*	*S_pct*	*Sc_ppm*	*Se_ppm*	*Ga_ppm*	*Te_ppm*
Au1_ppb	1																																			
Mo_ppm	0.789912	1																																		
Cu_ppm	0.023659	0.292431	1																																	
Pb_ppm	0.310558	0.158315	0.149017	1																																
Zn_ppm	-0.10376	0.045135	0.80201	0.013568	1																															
Ag_ppm	0.150042	-0.11227	0.104905	0.166741	0.254184	1																														
Ni_ppm	-0.05039	0.104448	0.758324	-0.06071	0.964221	0.240795	1																													
Co_ppm	-0.03811	0.196806	0.672655	-0.24702	0.774632	0.14432	0.847369	1																												
Mn_ppm	-0.09486	0.008943	0.349949	-0.35474	0.497627	0.221869	0.584572	0.834822	1																											
Fe_pct	-0.02025	0.157668	0.9086	0.101665	0.955834	0.221468	0.900193	0.758685	0.479573	1																										
As_ppm	0.268204	0.479239	0.64136	0.240943	0.4554	0.083546	0.42794	0.608609	0.359675	0.563232	1																									
Au_ppb	0.636662	0.336308	0.054927	0.275708	0.043806	0.702818	0.07659	0.137615	0.217062	0.083086	0.267863	1																								
Th_ppm	-0.21384	0.025268	0.298545	-0.60584	0.371785	0.075658	0.535992	0.655242	0.711835	0.316893	-0.01846	-0.0528	1																							
Sr_ppm	0.425129	0.073647	-0.13168	0.698739	-0.21305	0.292538	-0.28988	-0.506	-0.53201	-0.15128	0.036949	0.504056	-0.73699	1																						
Cd_ppm	0.205031	0.286112	0.769249	0.30046	0.8491	0.324918	0.818534	0.674806	0.34804	0.869618	0.644253	0.305532	0.123295	0.106765	1																					
Sb_ppm	0.221975	0.114357	-0.09375	0.490205	-0.3041	0.296086	-0.43187	-0.59074	-0.69055	-0.2085	0.058642	0.156079	-0.66057	0.596133	0.011023	1																				
Bi_ppm	0.662225	0.843393	0.421482	0.081321	0.263373	0.079455	0.337782	0.39088	0.257359	0.357075	0.436724	0.395033	0.306816	-0.01945	0.372725	-0.06718	1																			
V_ppm	-0.15455	0.101317	0.541073	-0.45439	0.656407	-0.07734	0.760187	0.845113	0.77682	0.617925	0.286479	-0.1009	0.841128	-0.69155	0.3919	-0.75606	0.356212	1																		
Ca_pct	-0.18281	-0.11306	-0.2353	-0.45001	0.081931	-0.21333	0.182934	0.245626	0.460256	-0.0496	-0.30583	-0.19928	0.509523	-0.54247	-0.28108	-0.75958	0.051196	0.560257	1																	
P_pct	-0.10281	-0.00223	0.755746	0.006553	0.939953	0.185387	0.839398	0.628867	0.401485	0.930431	0.374908	-0.00958	0.220451	-0.16898	0.767442	-0.22234	0.183178	0.566613	0.088635	1																
La_ppm	-0.21056	-0.125	-0.01989	-0.5187	0.134885	0.091781	0.323809	0.302839	0.384879	-0.00585	-0.37346	-0.08934	0.829627	-0.56157	-0.06437	-0.4929	0.046578	0.518803	0.408032	-0.05132	1															
Cr_ppm	-0.17387	0.045309	0.306986	-0.43912	0.40908	-0.07228	0.58792	0.652502	0.640042	0.343662	0.04255	-0.11115	0.882698	-0.61917	0.123789	-0.77643	0.331668	0.884772	0.660658	0.246922	0.677965	1														
Mg_pct	-0.2815	-0.16118	-0.09677	-0.55284	0.178112	-0.11397	0.318027	0.407267	0.571206	0.045973	-0.26755	-0.16901	0.74317	-0.6617	-0.19961	-0.82292	0.080282	0.716553	0.935477	0.115594	0.617853	0.837182	1													
Ba_ppm	-0.1599	0.068255	0.133469	-0.38784	0.295841	-0.15715	0.415081	0.664125	0.759002	0.245975	0.280855	-0.0754	0.626047	-0.56992	0.060409	-0.78694	0.2756	0.772813	0.736486	0.201068	0.274906	0.78156	0.789377	1												
Ti_pct	-0.27103	-0.17378	-0.17567	-0.51666	0.122236	-0.15384	0.248209	0.324092	0.491146	-0.01534	-0.30636	-0.20316	0.64429	-0.62427	-0.25541	-0.7837	0.034362	0.642532	0.966372	0.087265	0.536467	0.769252	0.98862	0.763631	1											
B_ppm	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1										
Al_pct	-0.21993	-0.06536	0.074463	-0.54199	0.289617	-0.12136	0.420929	0.552861	0.695894	0.200854	-0.08662	-0.10433	0.770733	-0.65085	-0.06294	-0.87267	0.195861	0.817955	0.896531	0.235057	0.527161	0.878583	0.965779	0.872684	0.939523	#DIV/0!	1								
Na_pct	-0.26055	-0.23029	-0.29633	-0.48971	0.043841	-0.16096	0.185852	0.283261	0.515778	-0.10165	-0.35832	-0.19726	0.590276	-0.57732	-0.28186	-0.79887	-0.06549	0.570914	0.953013	-0.00057	0.540657	0.714917	0.94849	0.746383	0.962565	#DIV/0!	0.894988	1							
K_pct	-0.28577	-0.20175	-0.14819	-0.54895	0.160371	-0.09609	0.279676	0.348849	0.541243	0.025185	-0.32207	-0.16277	0.674515	-0.62047	-0.22454	-0.79857	0.020349	0.665326	0.957773	0.135653	0.554603	0.772202	0.989103	0.759051	0.99117	#DIV/0!	0.952343	0.961181	1						
W_ppm	-1.3E-16	6.13E-17	5.22E-16	-2.1E-16	-7.2E-17	3.07E-16	-5E-17	-1.4E-17	-9.9E-17	2.64E-16	-7.2E-18	2.51E-17	7.28E-16	0	0	4.19E-17	7.35E-16	1.44E-16	3.99E-17	4.4E-16	2.79E-16	0	-1.3E-16	2.94E-16	1.05E-16	#DIV/0!	-2.2E-16	1.92E-16	1.43E-16	1						
Hg_ppm	0.226997	0.091609	0.269691	0.209311	0.103025	0.173174	-0.04166	-0.061	-0.20493	0.207815	0.179042	0.256863	-0.345	0.20448	0.259249	0.390855	-0.07966	-0.2417	-0.57604	0.24097	-0.32286	-0.5254	-0.55648	-0.53834	-0.56288	#DIV/0!	-0.53704	-0.59876	-0.53391	-9.8E-17	1				
Tl_ppm	-0.22501	-0.02667	0.136305	-0.5243	0.303266	-0.11469	0.426832	0.656294	0.74573	0.242758	0.139882	-0.09234	0.732445	-0.69135	0.011387	-0.80934	0.180434	0.82423	0.807422	0.236639	0.414609	0.832877	0.88916	0.915641	0.86692	#DIV/0!	0.944942	0.814602	0.86347	8.45E-17	-0.48423	1			
S_pct	-1.3E-16	6.13E-17	5.22E-16	-2.1E-16	-7.2E-17	3.07E-16	-5E-17	-1.4E-17	-9.9E-17	2.64E-16	-7.2E-18	2.51E-17	7.28E-16	0	0	4.19E-17	7.35E-16	1.44E-16	3.99E-17	4.4E-16	2.79E-16	0	-1.3E-16	2.94E-16	1.05E-16	#DIV/0!	-2.2E-16	1.92E-16	1.43E-16	1	-9.8E-17	8.45E-17	1			
Sc_ppm	0.034935	0.239829	0.673613	-0.24911	0.620824	0.220343	0.760319	0.754467	0.594429	0.616488	0.284533	0.179065	0.818386	-0.40018	0.492489	-0.47989	0.509481	0.790833	0.180253	0.427136	0.622207	0.802766	0.431547	0.434776	0.315805	#DIV/0!	0.528913	0.231333	0.346159	1.4E-17	-0.16342	0.502296	1.4E-17	1	
Se_ppm	0.308102	0.427442	0.340128	0.038953	0.065083	-0.10096	0.029025	0.029331	-0.12235	0.168314	0.070734	0.170097	0.018235	0.087624	0.219073	0.153754	0.48961	-0.01744	-0.35296	0.107008	-0.06015	-0.12674	-0.29285	-0.27814	-0.33983	#DIV/0!	-0.20149	-0.41862	-0.31548	-6E-16	0.348018	-0.29208	-6E-16	0.215257	1
Ga_ppm	-0.25176	-0.02537	0.215049	-0.50773	0.36493	-0.1009	0.482265	0.606129	0.749659	0.29839	-0.01246	-0.11328	0.826719	-0.68424	0.033808	-0.81642	0.248024	0.863398	0.817174	0.310531	0.559447	0.872442	0.907622	0.839626	0.862031	#DIV/0!	0.964069	0.806221	0.885964	2.79E-17	-0.49252	0.90697	2.79E-17	0.607336	-0.07488
Te_ppm	-1.3E-16	6.13E-17	5.22E-16	-2.1E-16	-7.2E-17	3.07E-16	-5E-17	-1.4E-17	-9.9E-17	2.64E-16	-7.2E-18	2.51E-17	7.28E-16	0	0	4.19E-17	7.35E-16	1.44E-16	3.99E-17	4.4E-16	2.79E-16	0	-1.3E-16	2.94E-16	1.05E-16	#DIV/0!	-2.2E-16	1.92E-16	1.43E-16	1	-9.8E-17	8.45E-17	1	1.4E-17	-6E-16	2.79E-17

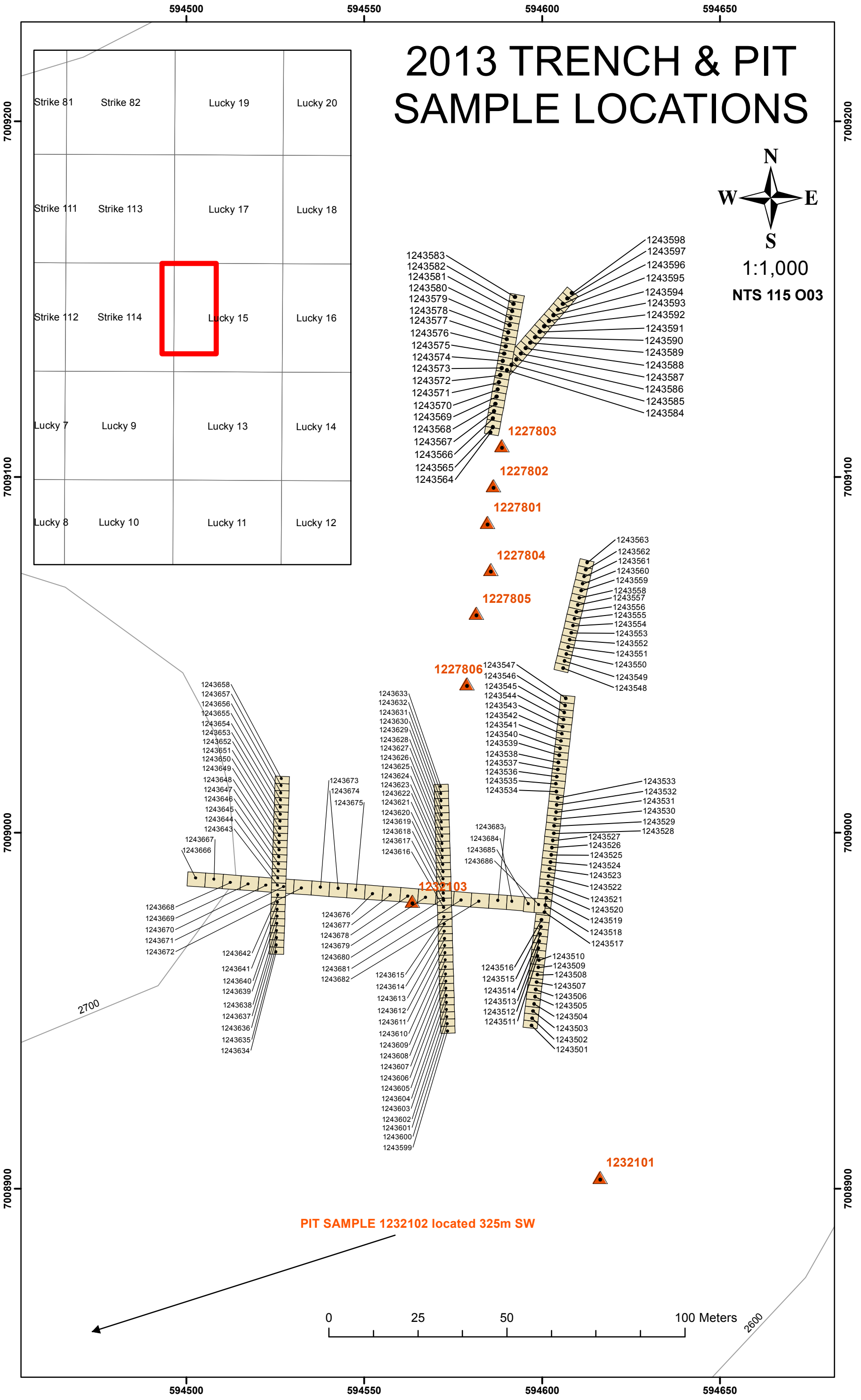
TRENCH LSTR-13-001 CORRELATION MATRIX

	Au1_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*	*K_pct*	*W_ppm*	*Hg_ppm*	*Tl_ppm*	*S_pct*	*Sc_ppm*	*Se_ppm*	*Ga_ppm*	*Te_ppm*
Au1_ppb	1																																		
Mo_ppm	0.568982	1																																	
Cu_ppm	-0.09161	0.24788	1																																
Pb_ppm	-0.00361	0.319044	0.425058	1																															
Zn_ppm	-0.03041	0.269859	0.496424	0.369187	1																														
Ag_ppm	0.080175	0.304308	0.24392	0.689365	0.164224	1																													
Ni_ppm	-0.0412	0.213643	0.464824	0.343338	0.954268	0.117572	1																												
Co_ppm	-0.05646	0.196731	0.465104	0.211532	0.8505	0.102768	0.864423	1																											
Mn_ppm	-0.05071	0.070998	0.075046	0.046025	0.472152	-0.00383	0.580359	0.724187	1																										
Fe_pct	-0.02529	0.38845	0.771786	0.391297	0.75071	0.196371	0.708953	0.620767	0.294921	1																									
As_ppm	-0.01984	0.231727	0.457394	0.236686	0.471707	0.121709	0.432156	0.442429	0.25753	0.49797	1																								
Au_ppb	0.764901	0.795176	-0.0339	0.165221	0.082448	0.187551	0.068491	0.066998	0.020081	0.082815	-0.06018	1																							
Th_ppm	-0.08468	-0.15673	0.116437	0.01919	0.139422	0.108205	0.124134	0.150831	0.054297	0.061926	-0.20084	-0.13339	1																						
Sr_ppm	0.10309	0.251223	0.366083	0.130381	0.314857	0.059456	0.309696	0.307608	0.255153	0.455424	0.480745	0.112078	-0.28422	1																					
Cd_ppm	-0.01794	0.32008	0.620499	0.383195	0.576485	0.202349	0.539664	0.545958	0.371886	0.706853	0.59036	0.079027	-0.12478	0.554645	1																				
Sb_ppm	0.233311	0.339723	0.172069	0.200812	0.136434	0.106579	0.113273	0.15883	0.210117	0.288001	0.589545	0.274715	-0.41459	0.617961	0.536264	1																			
Bi_ppm	-0.06399	-0.00693	0.102498	0.678389	0.097519	0.72599	0.097688	0.035076	0.025025	0.140385	0.152096	-0.06039	-0.16933	0.156153	0.218323	0.259441	1																		
V_ppm	-0.14314	0.113347	0.724557	0.151876	0.555528	0.07581	0.483808	0.552032	0.183557	0.642068	0.308766	-0.07086	0.302502	0.278014	0.388978	-0.06125	-0.15477	1																	
Ca_pct	-0.05967	-0.25491	-0.08596	0.007318	0.103525	-0.00556	0.146158	0.112871	0.169618	-0.1094	-0.2639	-0.12259	0.636833	-0.54537	-0.26939	-0.5081	-0.20608	0.201415	1																
P_pct	0.032986	0.319666	0.769253	0.460476	0.649172	0.197427	0.624421	0.547215	0.289371	0.872064	0.478658	0.112626	0.166898	0.322127	0.704929	0.228807	0.09736	0.624303	0.150813	1															
La_ppm	0.030983	-0.13287	-0.00742	-0.05607	0.00761	0.068222	-0.00553	0.026578	-0.03444	-0.02646	-0.32112	-0.00198	0.900674	-0.24634	-0.16543	-0.32424	-0.14182	0.175559	0.547321	0.096806	1														
Cr_ppm	-0.05685	0.11485	0.618919	0.1455	0.58759	0.120311	0.519568	0.542193	0.161443	0.566684	0.258568	-0.00383	0.361348	0.227434	0.33864	-0.14376	-0.15924	0.92159	0.288899	0.576532	0.264824	1													
Mg_pct	-0.13329	-0.32943	-0.04834	-0.17889	0.043696	-0.08044	0.019507	0.044293	-0.02245	-0.12164	-0.46461	-0.19496	0.688675	-0.38351	-0.27534	-0.60349	-0.30484	0.394556	0.738138	-0.01197	0.642675	0.481042	1												
Ba_ppm	-0.038	0.3444	0.323574	0.308094	0.499675	0.185718	0.448894	0.404805	0.257391	0.414197	0.163575	0.170191	0.175082	0.357151	0.241335	0.000683	-0.00483	0.520905	0.071458	0.329963	0.128088	0.623773	0.252311	1											
Ti_pct	-0.13575	-0.34221	-0.11989	-0.2106	-0.03329	-0.09123	-0.06624	-0.03168	-0.06319	-0.18943	-0.47809	-0.1885	0.683493	-0.39456	-0.31426	-0.56431	-0.29691	0.328425	0.714245	-0.06494	0.664108	0.421825	0.981361	0.235291	1										
B_ppm	-0.08212	-0.62235	-0.05493	-0.30139	-0.10181	-0.20045	-0.10479	-0.0158	0.015095	-0.1201	0.016246	-0.58711	0.091601	0.029901	-0.14247	-0.05773	0.004048	-0.0233	0.121433	-0.13115	0.075239	-0.01114	0.145764	-0.21958	0.143088	1									
Al_pct	-0.18026	-0.24671	0.127427	-0.02087	0.183602	0.038963	0.147872	0.171278	0.064188	0.074275	-0.29386	-0.18756	0.793482	-0.26288	-0.09669	-0.51745	-0.20314	0.505662	0.744872	0.200365	0.701303	0.575778	0.928983	0.329508	0.907697	0.08	1							
Na_pct	-0.14622	-0.19748	-0.39659	-0.25836	-0.34778	-0.01721	-0.33868	-0.26225	-0.05644	-0.40385	-0.22427	-0.17606	0.236263	-0.30821	-0.219	-0.2478	-0.08058	-0.39348	0.2473	-0.27653	0.227248	-0.33403	0.102488	-0.24673	0.169933	0.097553	0.089309	1						
K_pct	-0.11755	-0.3561	-0.04608	-0.16462	0.018689	-0.04843	-0.01444	0.018574	-0.03835	-0.12239	-0.43767	-0.21075	0.721711	-0.37451	-0.24305	-0.56517	-0.23878	0.370328	0.733509	0.005239	0.681803	0.467199	0.980511	0.22014	0.97814	0.180635	0.942399	0.135429	1					
W_ppm	0.03203	0.043233	0.058819	-0.1151	-0.04921	-0.02004	-0.03401	-0.14227	-0.13559	0.054799	-0.19109	0.05107	-0.00361	0.029901	0.071234	-0.05773	0.004048	0.019877	-0.05484	0.052327	0.075239	0.015849	0.111499	0.002461	0.110498	-0.01613	0.087567	-0.01385	0.114279	1				
Hg_ppm	-0.01658	0.117217	0.135259	-0.05205	0.041498	-0.09873	0.102791	0.10189	0.171717	0.170918	0.284064	0.03981	-0.32057	0.262451	0.302112	0.471994	0.064165	0.068604	-0.32717	0.076002	-0.25618	-0.01264	-0.31613	-0.08464	-0.3005	-0.06797	-0.30357	-0.19569	-0.30589	-0.04689	1			
Tl_ppm	-0.13688	-0.25232	0.012388	-0.18516	0.123973	-0.1095	0.045854	0.128125	0.02608	0.042661	-0.24742	-0.22359	0.610096	-0.19166	-0.07211	-0.37837	-0.28888	0.408231	0.519237	0.063146	0.534559	0.454602	0.788397	0.249254	0.785866	0.183606	0.818593	0.095268	0.819015	-0.04929	-0.20408	1		
S_pct	0.975077	0.457131	-0.1381	-0.05354	-0.09808	0.020045	-0.08897	-0.12698	-0.08791	-0.09938	-0.05245	0.643618	-0.07573	0.095683	-0.07123	0.184609	-0.0629	-0.20699	-0.05092	-0.04049	0.026479	-0.12379	-0.1115	-0.10582	-0.11702	0.016129	-0.17081	-0.11612	-0.09216	0.016129	-0.03743	-0.10597	1		
Sc_ppm	0.107453	0.525222	0.472418	0.208889	0.601019	0.240447	0.559038	0.631354	0.448379	0.631064	0.452584	0.310582	0.046047	0.516676	0.532142	0.357217	0.038076	0.521414	-0.17684	0.482658	0.023657	0.529139	-0.16493	0.527972	-0.20848	-0.18307	-0.02412	-0.21005	-0.18956	0.035367	0.232978	-0.0577	-0.0208	1	
Se_ppm	-0.04397	0.182807	0.602355	0.300314	0.07271	0.297241	0.047355	0.014665	-0.12759	0.42721	0.244202	-0.08257	-0.00399	0.215556	0.196023	0.143054	0.178551	0.352059	-0.08749	0.380634	-0.04701	0.198231	-0.11452	0.112755	-0.14551	0.099585	-0.00371	-0.21274	-0.11263	0.099585	0.196098	-0.10116	-0.04911	0.231001	1
Ga_ppm	-0.20986	-0.2408	0.318729	-0.08961	0.265185	-0.01362	0.230715	0.36166	0.203289	0.175419	-0.0398	-0.27485	0.622619	-0.0094	0.102857	-0.33174	-0.23338	0.700742	0.513711	0.212938	0.490756	0.685645	0.753682	0.370382	0.700053	0.186314	0.824854	-0.11992	0.747404	0.0137	-0.124	0.734221	-0.18631	0.175289	0.099781
Te_ppm	-0.03203	-0.07628	-0.14586	0.056276	-0.13315	-0.07016	-0.10521	-0.09027	-0.0908	-0.18855	-0.08042	-0.05107	-0.1445	-0.28107	-0.12466	-0.17488	-0.0629	-0.20699	-0.08618	-0.12927	-0.11593	-0.20475	-0.14576	-0.16708	-0.14309	0.016129	-0.23892	-0.09755	-0.16958	0.016129	-0.07432	-0.18361	-0.01613	-0.23924	-0.03468

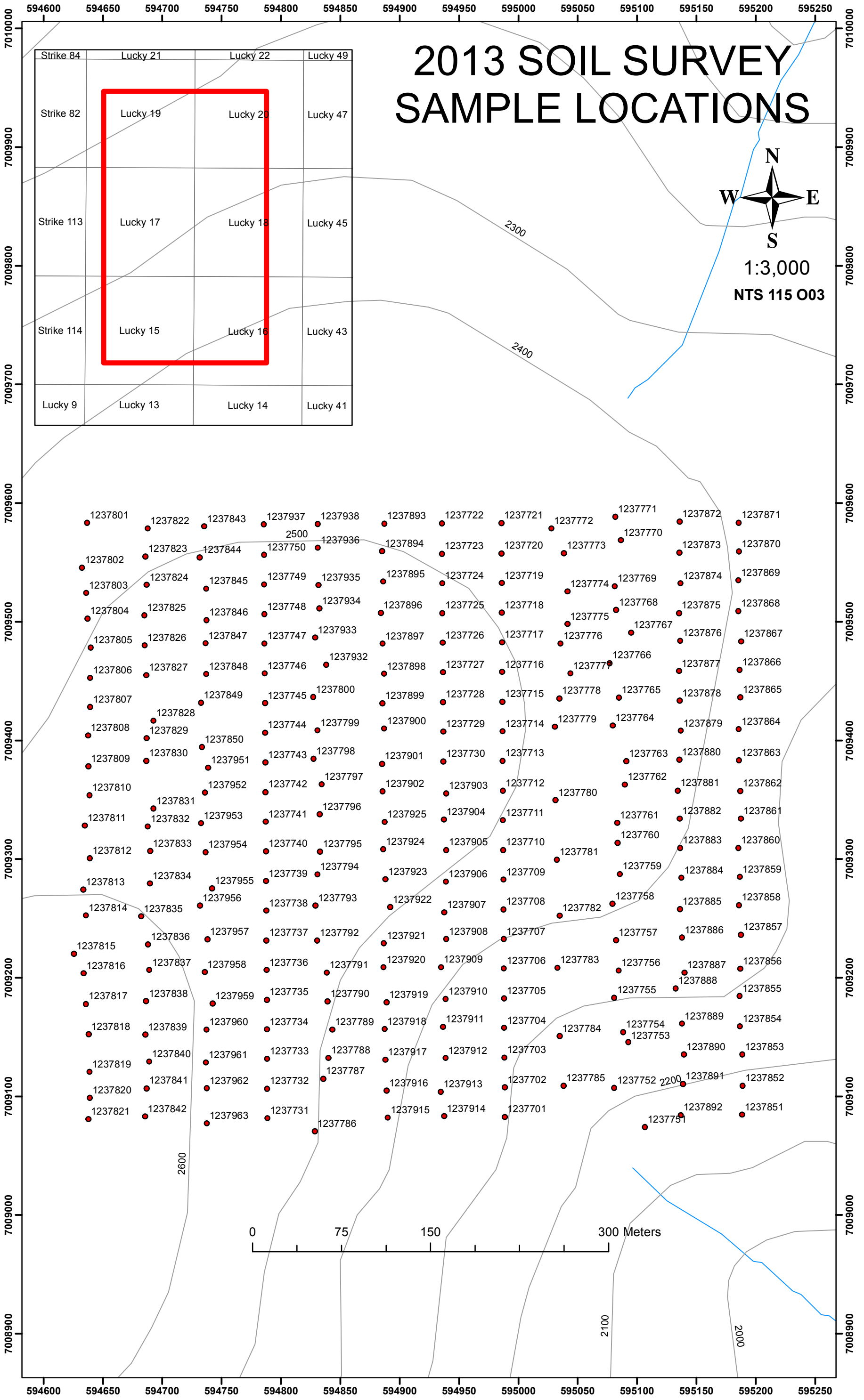
APPENDIX IV

SAMPLE LOCATION MAPS

2013 TRENCH & PIT SAMPLE LOCATIONS



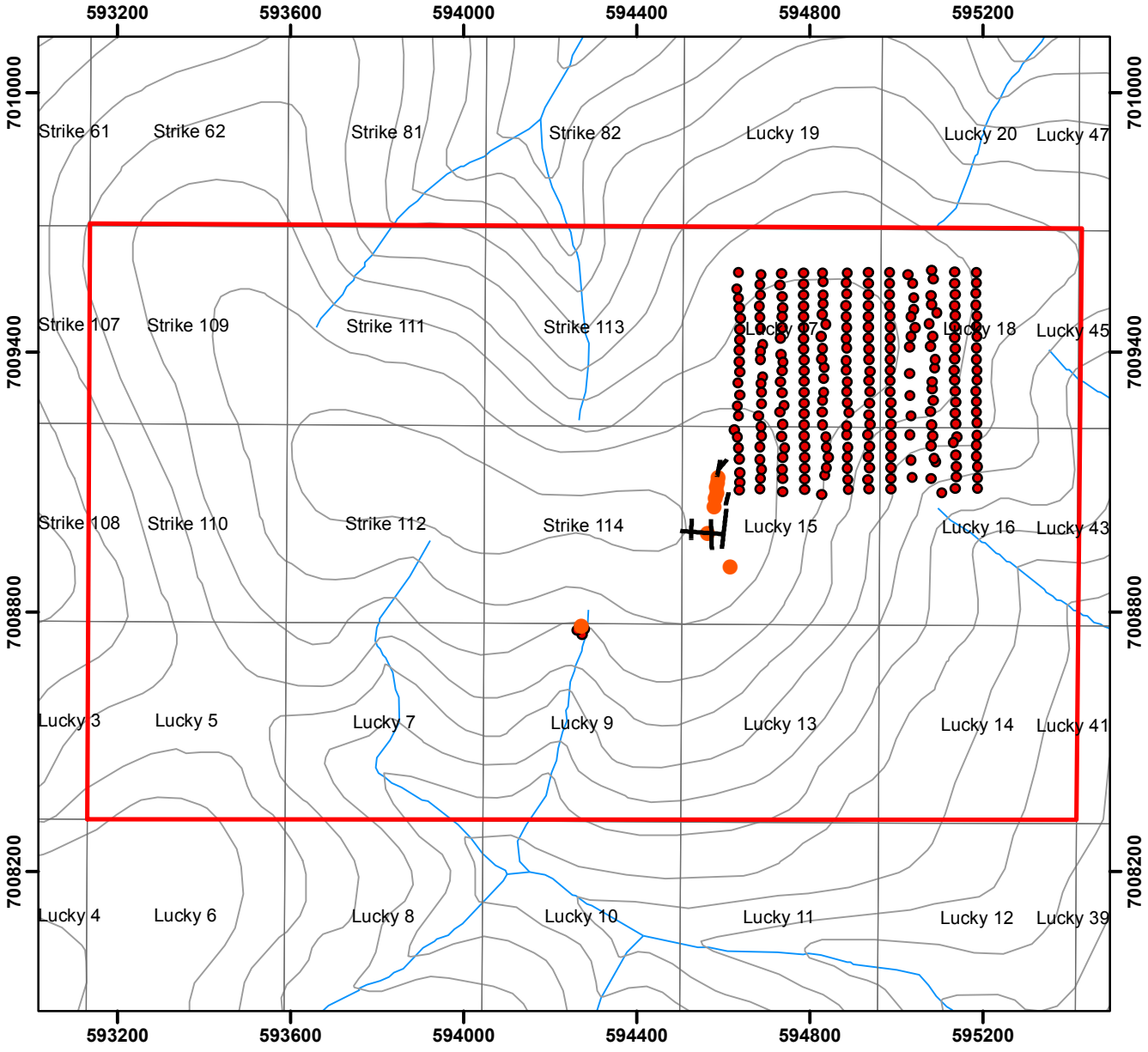
2013 SOIL SURVEY SAMPLE LOCATIONS

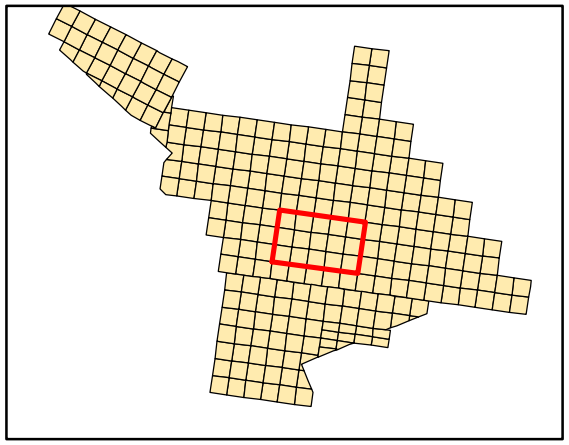


APPENDIX V

EXPLORATION TARGET MAP

LUCKY STRIKE PROPERTY AREA FOR FOCUSED FOLLOW UP EXPLORATION





NTS: 115O03 1:15,000

Legend

- 2013_TRENCHES
- 2013_PIT_LOCATIONS
- 2013_soil_samples
- 2013_lucky_strike_claims