

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016 - 510 West Hastings Street  
Vancouver, B.C. V6B1L8

Telephone: 604-688-2568

Fax: 604-688-2578

**ASSESSMENT REPORT**

describing

**PROSPECTING AND GEOCHEMICAL SAMPLING**

Field work performed on July 19, 2015

at the

**LLL PROPERTY**

LLL 57-64	YD56577-YD56584	LLL 139-152	YD56659-YD56672
LLL 73-80	YD56593-YD56600	LLL 167-220	YD56687-YD56740
LLL 89-92	YD56609-YD56612	LLL 369-386	YD90749-YD90766
LLL 101-104	YD56621-YD56624	LLL 387-398	YC98464-YC98475
LLL 113-116	YD56633-YD56636	LLL 399-410	YE66381-YE66392
LLL 127-128	YD56647-YD56648		

NTS 115J/08 & 115J/09  
Latitude 62°34'N; Longitude 138°08'W

located in the

Whitehorse Mining District  
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

**STRATEGIC METALS LTD.**

by

J. Morton, B.Sc., GIT

April 2016

## **CONTENTS**

INTRODUCTION	1
PROPERTY LOCATION, CLAIM DATA AND ACCESS	1
HISTORY AND PREVIOUS WORK	2
GEOMORPHOLOGY AND CLIMATE	3
REGIONAL GEOLOGY	4
PROPERTY GEOLOGY	5
GEOPHYSICS	5
REGIONAL MINERALIZATION	6
MINERALIZATION	7
SOIL GEOCHEMISTRY	8
DISCUSSION AND CONCLUSIONS	9
REFERENCES	11

## **APPENDICES**

I	STATEMENT OF QUALIFICATIONS
II	STATEMENT OF EXPENDITURES
III	ROCK SAMPLE DESCRIPTIONS
IV	CERTIFICATES OF ANALYSIS

## **FIGURES**

<u>No.</u>	<u>Description</u>	<u>Follows Page</u>
1	Property Location	1
2	Claim Locations	1
3	Tectonic Setting	4
4	Regional Geology	4
5	First Vertical Derivative	5
6	Raw U, Th, K Radiometric Total Count	5
7	Rock Sample Locations	7
8	Gold Rock Geochemistry	In pocket
9	Arsenic Rock Geochemistry	In pocket
10	Antimony Rock Geochemistry	In pocket
11	Soil Sample Locations	8
12	Gold Soil Geochemistry	In pocket
13	Arsenic Soil Geochemistry	In pocket
14	Antimony Soil Geochemistry	In pocket
15	Copper Soil Geochemistry	In pocket
16	Lead Soil Geochemistry	In pocket
17	Molybdenum Soil Geochemistry	In pocket

## **TABLES**

I	Lithological Units	4
II	Geochemical Anomaly Characteristics	9

## **INTRODUCTION**

The LLL property covers multiple gold-copper-arsenic±antimony±molybdenum±lead soil geochemical anomalies and hosts vein- and breccia-style mineralization. The property is also prospective for porphyry-style mineralization. It lies near the centre of the Dawson Range Gold Belt in western Yukon, within a district of major porphyry and vein occurrences, which include Western Copper and Gold Corporation's Casino deposit, Rockhaven Resources Ltd.'s Klaza deposit, Kinross Gold Corporation's Golden Saddle deposit, Golden Predator Mining Corp.'s Sonora Gulch prospect and Kaminak Gold Corporation's Coffee deposit. The LLL property is wholly owned by Strategic Metals Ltd.

This report describes a one day geochemical sampling program that was conducted on July 19<sup>th</sup> by a three person crew from Archer, Cathro & Associates (1981) Limited on behalf of Strategic Metals. The author's Statement of Qualifications is located in Appendix I. A Statement of Expenditures is located in Appendix II.

## **PROPERTY LOCATION, CLAIM DATA AND ACCESS**

The LLL property consists of 140 contiguous mineral claims, which are located on NTS map sheets 115J/08 and 115J/09 at latitude 62°34' north and longitude 138°08' west (Figure 1). The property covers an area of approximately 2400 ha (24 km<sup>2</sup>). The claims are registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
LLL 57-64	YD56577-YD56584	April 15, 2022
73-80	YD56593-YD56600	April 15, 2022
89-92	YD56609-YD56612	April 15, 2022
101-104	YD56621-YD56624	April 15, 2022
113-116	YD56633-YD56636	April 15, 2022
127-128	YD56647-YD56648	April 15, 2022
139-152	YD56659-YD56672	April 15, 2022
167-220	YD56687-YD56740	April 15, 2022
369-386	YD90749-YD90766	April 15, 2022
387-398	YC98464-YC98475	April 15, 2021
399-410	YE66381-YE66392	April 15, 2021

\* Expiry dates include 2015 work that has been filed for assessment credit, but has not yet been accepted.

In 2015, access to and from the LLL property was provided by a Bell 206B helicopter owned and operated by Capital Helicopters (1995) Inc. of Whitehorse, from a staging area at Rockhaven Resources' Klaza property. The Klaza property lies 70 km southeast of the LLL property and about 70 km by road west of the community of Carmacks.

## **HISTORY AND PREVIOUS WORK**

In 1969, Archer Cathro performed regional exploration in the Dawson Range district for the Dawson Range Joint Venture (DRJV). During that exploration program forty stream sediment samples were collected from the vicinity of what is now the LLL property. Those samples were analyzed for copper, lead and molybdenum. Values up to 117 ppm copper, 2 ppm molybdenum and 49 ppm lead were reported. The DRJV work resulted in the discovery of the Crock showing (Minfile 115J 015) located in the western half of the current LLL property (Figure 2). The showing is described as weak porphyry-style mineralization related to a stock of hornblende diorite that has intruded quartz monzonite. Minor chalcopyrite is reported near the chilled margin of the stock (Deklerk and Traynor, 2005).

In 1974, Archer Cathro again conducted regional exploration in the Dawson Range district, for the Klotassin Joint Venture (KJV). KJV was made up of Newconex Canadian Exploration Ltd., Marietta Resources International Ltd., and Molybdenum Corporation of America. Work performed included 1:50,000 scale reconnaissance-style prospecting, mapping and geochemical sampling (Cathro, 1974). KJV identified an approximately three by four kilometre zone of argillic alteration hosting disseminated tourmaline, which is approximately centered on the porphyry identified by DRJV in 1969. KJV collected 284 soil samples and 22 stream sediment samples from the area of the current LLL property. Those samples were analyzed for copper, molybdenum, lead and zinc. Soil sample values up to 118 ppm copper, 3 ppm molybdenum, 150 ppm lead and 184 ppm zinc were reported. Stream sediment sample values ranged up to 26 ppm copper, 1 ppm molybdenum, 32 ppm lead and 155 ppm zinc (Cathro, 1974).

In 1980, Archer Cathro performed further work in the Dawson Range on behalf of the NAT Joint Venture (NAT JV), which comprised Chevron Canada Limited and Armco Mineral Exploration Ltd. The NAT JV program involved reanalyses of splits from over 5000 previously collected samples for gold, silver, arsenic and lead, plus follow up geochemical sampling. None of the earlier samples collected from the area of the current LLL property were reanalyzed, but a number of reconnaissance-scale soil samples were taken in the area in 1980. Those samples were only analyzed for gold. The most anomalous value reported was 470 ppb gold (Archer and Onasick, 1980).

In 1985, Archer Cathro explored as Freegold Venture (FV) for Chevron Canada Limited to follow up targets identified by KJV and NAT JV, which appeared to have potential for bulk tonnage gold deposits. A geochemical sampling program was conducted as part of FV's exploration program on its Selwyn property, in the area of the current LLL property. This sampling comprised five rock samples and 905 soil samples. The rock samples returned up to 40 ppb gold while soil sampling yielded up to 523 ppb gold. Mapping on the Selwyn property identified several highly siliceous breccia zones associated with altered porphyry dykes, but geochemical sampling of these zones returned only slightly elevated values for gold (Eaton and Halleran, 1985).

The Yukon Minfile for NTS map sheet 115J shows historical placer gold workings on Selwyn River within and downstream of the current LLL property (Figure 2).

In 2010, Strategic Metals staked the LLL property based on the historical geochemical results, and shortly thereafter Central Resources Corp. signed an optional purchase agreement with Strategic Metals. Central Resources' 2010 exploration program consisted of geochemical sampling and minor prospecting, and identified two multi-element soil geochemical anomalies on the property (Anomalies A and B).

In 2011, Central Resources conducted a 52-day exploration program on the LLL property, consisting of soil sampling and prospecting. A third soil geochemical anomaly, Anomaly C, was identified as a result of this work. Rock samples collected within Anomaly A returned elevated values of gold (up to 14.15 g/t), arsenic (greater than 1%), antimony (up to 684 ppm), and barium (up to 3060 ppm) (Smith, 2012). Details concerning the 2011 program can be found in the Mineralization and Soil Geochemistry sections below. This work fulfilled the requirements of the option agreement, and the property was transferred to Central Resources.

In early 2015, Strategic Metals purchased the LLL property from Central Resources, and in March, it conducted a helicopter-borne magnetic and radiometric survey totalling 341 line kilometres. The geophysical data pertaining to this work can be found in Burrell (2015).

In June 2015, Strategic Metals staked an additional 24 claims to cover the Crock showing and the surrounding zone of argillic alteration.

### **GEOMORPHOLOGY AND CLIMATE**

The LLL property is situated in the central part of the Dawson Range and covers an area with gentle to moderate relief. The property is drained by the Selwyn River, Butterfield Creek and Fourmile Creek, which are all part of the Yukon River watershed. Most of the Dawson Range escaped Pleistocene glaciation. As a result the landscapes are usually mature with dendritic drainages forming radial fans off the flanks of upland domes.

Elevations range from about 1100 to 1550 m above sea level. Approximately 80% of the property lies below treeline. Vegetation consists of moss, dense buckbrush, alder, spruce and some second grown of poplar and birch. Permafrost is prevalent on north facing slopes and in areas where moss and organic matter exceed 20 cm of thickness.

Soil profiles in the Dawson Range are complex compared to most other places in Yukon. Due to the absence of glaciation, ridges and spines are deeply weathered and often leached of mobile metals. On hillsides and valley bottoms, the soil profile from surface to bedrock typically consists of the following: a layer of organic matter, which ranges from 10 to 50 cm thick; a layer of 2000 year old volcanic ash from the Mount Churchill eruption, which varies from 0 to 20 cm thick; a layer comprised of loess mixed with soliflucted B and C-horizon residual soil, which ranges from 0 to more than 100 cm thick; and a layer of C-horizon residual soil.

Climate in the LLL area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Although summers are relatively mild, snowfall can occur in any month.

## REGIONAL GEOLOGY

In 1974, the Geological Survey of Canada (GSC) published a geological map of the Snag area (NTS map sheet 115J) at 1:250,000 scale (Templeman-Kluit, 1974). Also in 1974, KJV performed 1:50,000 scale geological mapping on 115J/08 and 115J/09 (Cathro, 1974). In 1981, NAT JV performed 1:25,000 scale geological mapping on parts of 115J/09 (Archer and Onasick, 1981). Gordey and Makepeace (2003) later completed a Yukon-wide geological compilation, which updated the lithological unit names in the LLL area.

The LLL property is located within the Yukon-Tanana Terrane (YTT) as shown on Figure 3. The YTT represents a continental arc that developed along the ancient Pacific margin of North America from Late Devonian to Permian. Figure 4 illustrates geology compiled by Gordey and Makepeace and alteration as mapped by KJV. Rock types described during 1974 mapping have been re-assigned to equivalent map units from the current Yukon Geological Survey (YGS) geological compilation. The main lithological map suites are described in the Table I.

**Table I– Lithological Units (after Gordey and Makepeace, 2003)**

<b>Map Suite</b>	<b>Age</b>	<b>Map Unit</b>	<b>Description</b>
Prospector Mountain Suite	Late Cretaceous to Tertiary	LKP	Grey, fine to coarse grained, massive, granitic rocks of felsic composition and related quartz-feldspar porphyry dykes.
Carmacks Group	Upper Cretaceous	uKC1	A volcanic succession dominated by basic volcanic strata; augite-olivine basalt and breccia; hornblende-feldspar porphyry, andesite and dacite flows; vesicular, augite phyric andesite and trachyte; minor sandy tuff, granite boulder conglomerate, agglomerate and associated epiclastic rocks.
Whitehorse Suite	Mid-Cretaceous	mKgW	Biotite-hornblende granodiorite, hornblende-quartz diorite and hornblende diorite; leucocratic, biotite-hornblende granodiorite with sparse grey-pink potassium feldspar phenocrysts.
		mKqW	Grey, medium to coarse grained, generally equigranular granitic rocks of felsic composition.
Pelly Gneiss Suite	Late Devonian to Mississippian	DMgPW	Foliated medium grained, homogeneous biotite granite gneiss to hornblende granodiorite gneiss; massive to strongly foliated dioritic to granodioritic gneiss; includes interfoliated amphibolite, quartz-mica schist and phyllite.
Nasina Assemblage	Devonian, Mississippian and Older	DMN5	Black weathering, massive, dark grey to black strongly graphitic quartzite with lesser grey micaceous quartzite and quartz-mica schist.

## **PROPERTY GEOLOGY**

No systematic geological mapping has been completed on the LLL property by Strategic Metals. The following interpretation is based on property-scale mapping and work performed by KJV, GSC and YGS.

The northeastern part of the property is underlain by Late Devonian to Mississippian Nasina Assemblage metasediments (DMN5), which were intruded by Pelly Gneiss Suite plutons (DMgPW) prior to regional deformation. Together, these units form a basal package that was intruded by two phases of Whitehorse Suite plutonic rocks (mKgW and mKqW).

An approximately three by four kilometre zone of argillic alteration hosting disseminated tourmaline is developed within a stock of Whitehorse Suite granitic rock (mKqW) and Late Cretaceous to Tertiary Prospector Mountain Suite dykes (LKP), located in the central part of the property. The dykes intrude all units except the Carmacks Group volcanics (uKC1). They occur as swarms, which are typically northeast-trending. The largest dyke on the property strikes easterly and is 350 m wide by 5700 m long.

In the northeast corner of the property, there is evidence for a tightly folded, northwest plunging anticline. The axis of this anticline has been intruded by an elongated body of mKgW, and its limbs are truncated on both sides by mKgW plutons.

The dominant structural feature in the vicinity of the LLL property is the northwest-striking Big Creek Fault, which lies seven kilometres to the northeast. This steeply dipping feature is poorly understood but appears to have played an important role in localizing mineralization in the district.

## **GEOPHYSICS**

In March 2015, Strategic Metals contracted Precision GeoSurveys Inc. to conduct a high resolution airborne magnetic and radiometric survey of the LLL property. The complete Precision report, including details concerning survey procedures, equipment used and results obtained can be found in the April 2015 LLL Property Assessment Report (Burrell, 2015).

Figure 5 illustrates the first vertical derivative of the total magnetic intensity for the LLL property. Two of the most striking features are easterly trending magnetic highs that correlate to large Prospector Mountain Suite (LKP) dykes. The magnetic high in the western part of the property comprises two bands but only one dyke is mapped in the area, which suggests that a second dyke may be present. In the northeastern portion of the property, a third, slightly weaker magnetic high roughly corresponds with a band of Pelly Gneiss (DMgPW). A series of subtle north-trending magnetic highs in the centre of the property are unexplained.

Figure 6 illustrates the raw total count radiometric map for Uranium, Thorium and Potassium. In general, areas underlain by Whitehorse Suite (mKgW and mKqW) are more radioactive than those where Nasina (DMN5) and Pelly Gneiss (DMgPW) suites occur. Surprisingly, the



Prospector Mountain suite dykes (LKP) and the tourmaline alteration zone show little radiometric response.

### **REGIONAL MINERALIZATION**

There are numerous mineral deposits within the Dawson Range that are associated with large scale structural features (including the Big Creek Fault) and Mid-Cretaceous or younger intrusions. The two properties that closely resemble the setting of the LLL property are: Sonora Gulch (Golden Predator) and Coffee (Kaminak), the locations of which are shown on Figure 1.

Golden Predator's Sonora Gulch property lies about 10 km north of the LLL property. It reportedly hosts mineralization within structurally controlled veins, skarns and replacement and stockwork style settings related to Mid-Cretaceous Whitehorse Suite intrusions (mKgW). In 2010, soil sampling identified numerous gold-copper-molybdenum geochemical anomalies (specifically the Nightmusic and Amedius zones). Gold-in-soil values range up to 2340 ppb, copper-in-soil results range up to 1870 ppm and molybdenum-in-soil values range up to 231 ppm (Hayes, 2010). In 2010, drill results included: 5.0 g/t gold, 11.9 g/t silver and 0.23% copper over 26.6 m (including 25.8 g/t gold and 6.5 g/t silver over 4 m) at the Nightmusic Zone and 1.0 g/t gold and 6.9 g/t silver over 64 m at the Amedius Zone.

Work on the Sonora Gulch property in 2011 targeted the Gold Vein Zone, which is defined as a 1400 by 500 m geochemical anomaly. A 2649 m diamond drill program was conducted and it identified bulk tonnage style mineralization. Drill results from this zone include: 0.42 g/t gold and 3.8 g/t silver over 94 m; 0.45 g/t gold and 3.0 g/t silver over 234 m; and 0.44 g/t gold and 2.6 g/t silver over 110 m (Hayes, 2011).

The geological setting of the LLL property closely resembles that of Kaminak's Coffee deposit, which lies 65 km northwest of the LLL claims. Kaminak has identified significant gold mineralization in over nineteen areas of the Coffee project, with twelve areas comprising the main mineralized zones: the Supremo, Latte, Double Double, Kona, Americano, Americano West, Espresso, Macchiato, Cappuccino, Sugar, Sumatra and Arabica.

The Kona, Americano, Americano West and Espresso Zones are hosted within granite that has been described as equigranular and non-magnetic with a primary composition of plagioclase, potassium feldspar, quartz, biotite and hornblende. Alteration comprises strong sericite and clay alteration adjacent to mineralized structures. Gold is hosted in near-vertical brittle structures, associated with andesite to dacite dykes. Mineralization primarily occurs as disseminated pyrite and pyrite veinlets in fractures and shears. High grade gold corresponds with sulphide-matrix fault breccias and pathfinder elements include arsenic and antimony (Makarenko et. al., 2014).

Seven of Kaminak's twelve zones (Supremo, Latte, Double Double, Cappuccino, Macchiato, Sumatra and Arabica) host gold-bearing breccia structures within metamorphic rocks. These gold-bearing breccias are both hydrothermal and tectonic. In some zones, breccias overprint older ductile strain fabrics consistent with a reactivated shear zone environment (Makarenko et. al., 2014).

The gold mineralization on the Coffee property can generally be characterized by two distinct styles. The highest grades (5 to 60 g/t gold) are associated with hydrothermal breccias exhibiting evidence for several episodes of brecciation. Breccia textures range from mature matrix-dominant phases with rounded fragments to wallrock crackle breccias. Matrix compositions range from incompetent limonite-clay material to strongly silicified material. The lower grade gold mineralization (2 to 10 g/t) is associated with pervasive hydrothermal alteration. The hydrothermal alteration is characterized by an overall removal of potassium and aluminum with the addition of sulphide and silica (Makarenko et. al., 2014).

In 2014, Kaminak published a NI-43-101 mineral resource estimate for the Coffee project, using data from 961 core and reverse circulation (RC) boreholes from the Supremo, Latte, Double Double and Kona zones (Sim and Kappes, 2014). In fall 2015, Kaminak reported an updated resource based on additional infill drilling. The 2015 resource statement is reported at three cut-off grades: 0.3 g/t for the oxide and upper transition zones; 0.4 g/t for the middle transition zone; and 1.0 g/t for the lower transition and sulphide zone. The three grades reflect the greater depths and differing metallurgical characteristics for the sulphide material. Combined, the updated mineral resource estimate consists of an indicated resource of 63.7 Mt of gold, grading 1.45 g/t, and an inferred resource of 52.4 Mt of gold, grading 1.31 g/t (Smith, 2015).

### **MINERALIZATION**

Prior to 2010, there were no known precious metal showings on the LLL property. In 2010, a rock sample of fault breccia collected from Anomaly A returned 0.208 g/t gold, 0.5 g/t silver, 626 ppm arsenic and 28 ppm antimony (Smith, 2010).

Prospecting in 2011 identified a 100 by 120 m zone of breccia float within Anomaly A, which appears to be oriented sub-parallel to a geological contact between quartzite (DMN5) and gneiss (DMgPW) in an area cut by a large porphyry dyke (LKP). Geologically favourable material typically ranges from weakly silicified fault breccia to strongly silicified hydrothermal crackle breccia. Mineralization includes disseminated arsenopyrite and minor stibnite with scorodite, limonite and jarosite alteration. A specimen of hydrothermal quartz breccia with vugs filled with limonite and minor stibnite, collected within Anomaly A, returned 14.15 g/t gold, 140 ppm arsenic, 10 ppm antimony and 130 ppm barium. Another sample collected in the same area was from a large boulder of scorodite-stained, epithermal quartz with abundant cross-cutting black sulphides, quartz bands and limonite-filled quartz cavities, returned 1.125 g/t gold, greater than 1% arsenic, 81 ppm antimony and 3060 ppm barium (Smith, 2012).

In 2015, eight rock samples were collected from the centre part of the property. The 2015 rock sample locations are plotted on Figure 7, while results are illustrated thematically for gold, arsenic and antimony on Figures 8 to 10, respectively.

Rock geochemical sample sites on the property were marked with orange flagging tape labelled with the sample number. The location of each sample was determined using a handheld GPS unit. Rock sample preparation and multi-element analyses were carried out at ALS Minerals laboratories in Whitehorse, Y.T. and North Vancouver, BC. Each sample was dried, fine crushed to better than 70% passing 2 mm and then a 250 g split was pulverized to better than

85% passing 75 microns. The fine fraction was analyzed for 35 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-ICP41). An additional 30 g charge was further analysed for gold by fire assay with atomic absorption spectroscopy finish (Au-AA24). Rock Sample Descriptions and Certificates of Analysis for the 2015 samples are provided in Appendices III and IV, respectively.

Rock samples collected in 2015 included: argillic- and sericite-altered granodiorite; quartz-feldspar porphyry dykes; and weakly mineralized chalcedonic quartz in float. The sample that yielded the highest gold value (241 ppb) also yielded elevated values for silver (15 g/t), arsenic (1840 ppm), and copper (229 ppm). It comprised white to pale orange chalcedonic quartz in float, with disseminated arsenopyrite, pyrite and scorodite, and was collected from a linear trend that may represent a buried vein.

The elevated barite values are likely significant because, elsewhere in the Dawson Range, anomalous barium results are usually associated with high-level epithermal quartz vein systems (Eaton, 1983).

### **SOIL GEOCHEMISTRY**

Soil sampling performed in 2010 and 2011 has identified three clusters of coincident gold-copper-arsenic±antimony±molybdenum±lead soil geochemistry (Anomalies A, B and C).

In 2015, Strategic Metals collected 97 grid soil samples in order to expand coverage north of Anomaly C. The 2015 sample locations are shown on Figure 11. Figures 12 to 17 overlie thematic results for gold, arsenic, antimony, copper, lead and molybdenum from all programs onto the first vertical magnetic derivative. Certificates of Analysis for the 2015 samples are provided in Appendix IV.

The 2015 soil sample locations were recorded using hand-held GPS units. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. Soil samples were collected from 30 to 60 cm deep holes dug by hand-held auger. They were placed into individually pre-numbered Kraft paper bags. The soil samples were sent to ALS Minerals in Whitehorse, where they were dried and screened to -180 microns. The fine fractions were then shipped to ALS Minerals in North Vancouver where they were analysed for 35 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-ICP41). An additional 30 g charge was further analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-ICP21). Table II lists the characteristics of each anomaly.

**Table II – Geochemical Anomaly Characteristics**

	Anomaly A	Anomaly B	Anomaly C
Size (m)	1000 by 1200	600 by 1000	700 by 900
Primary Signature	Au, As, Sb, Cu, Mo	Au, Cu, Pb	Au, As
Secondary Signature	Pb	As , Sb, Mo	Cu, Pb, Mo

Anomaly A lies near the contact between Nasina Assemblage (DMN5) and Pelly Gneiss Suite (DMqPW), in an area which has been intruded by a large Prospector Mountain Suite dyke (LKP). This zone is characterized by moderately to strongly anomalous values for gold (20 to 502 ppb gold), arsenic (100 to 810 ppm), antimony (5 to 23 ppm), copper (50 to 346 ppm) and molybdenum (2 to 12 ppm). Lead values are generally background to moderately anomalous with the exception of a single-point value of 128 ppm. Anomaly A lies within a 2000 by 3000 m, northwesterly elongated zone of scattered weakly to strongly anomalous soil values for gold and its pathfinder elements.

Anomaly B is underlain by Whitehorse Suite plutonic rock (mKqW) that has been intruded by a series of LKP dykes. This anomaly straddles the Selwyn River and two of its tributaries. The geochemical signature for Anomaly B includes moderately to strongly anomalous gold (up to 391 ppb), copper (up to 219 ppm) and lead (up to 401 ppm) values with background to moderately anomalous arsenic (up to 158 ppm), antimony (up to 13 ppm) and molybdenum (up to 19 ppm).

Anomaly C lies within the argillic alteration zone in the centre of the property. It comprises a cluster of moderately to strongly anomalous gold values (up to 191 ppb) and weakly to moderately anomalous values for arsenic (up to 301 ppm), antimony (11 ppm), copper (up to 95 ppm), lead (up to 152 ppm) and molybdenum (up to 11 ppm). A single outlier (123 ppb gold) lies 500 m north of the anomalous cluster, adjacent to a creek.

The most significant molybdenum anomaly is a roughly linear, northwest-oriented cluster of strongly anomalous values (up to 37 ppm), which extends five kilometres northwest from Anomaly A. This linear anomaly roughly parallels the contact between DMN5 and DMgPW.

Soil samples collected in 2015 returned only background to moderately anomalous values for all elements of interest.

## **DISCUSSION AND CONCLUSIONS**

The LLL property lies within the Dawson Range Gold Belt, a district containing a number of advanced porphyry and vein occurrences, including the nearby Sonora Gulch prospect and Coffee deposit.

Three strong soil geochemical anomalies have been identified on the property, Anomalies A through C. Cursory prospecting on the property in 2011 and 2015 has identified gold-bearing

breccia and vein-style mineralization that are akin to the descriptions of gold-rich material intersected in drill holes at the nearby Coffee property. Similarities between the two properties include:

1. Mineralization – gold occurs in polymictic hydrothermal and fault-related breccias and veins.
2. Geochemistry – strong anomalies in soil for gold and its pathfinder elements especially arsenic and antimony.
3. Geology – both properties are underlain by metasedimentary and metavolcanic rocks that were intruded by Middle to Late Cretaceous granite before the entire package was cut by intermediate to felsic dykes.

Follow up work should include mapping, prospecting and diamond or reverse circulation drilling. Mechanized trenching is not recommended because of frozen ground and locally steep terrain. Detailed mapping and prospecting should be completed on a high priority basis near Anomaly A prior to diamond drilling. Drilling should be performed within Anomaly A to try and delineate the breccia-vein zone. Anomalies B and C should also be prospected and mapped where outcrop is encountered. This prospecting may require small hand pits to be dug to expose rocks in heavily vegetated areas. Isolated sample sites that produced high gold values elsewhere on the property should also be prospected.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



J. Morton, B.Sc., GIT

## REFERENCES

- Archer, A. R. and Onasick, E.P.  
 1980 NAT Joint Venture Final Report. Internal report prepared by Archer, Cathro & Associates Ltd. for Chevron Canada Limited and Armco Mineral Exploration Ltd.
- 1981 NAT Joint Venture Final Report. Internal report prepared by Archer, Cathro & Associates Ltd. for Chevron Canada Limited and Armco Mineral Exploration Ltd.
- Burrell, H  
 2015 Assessment Report describing Helicopter-Borne Magnetic and Radiometric Surveys at the LLL Property, Whitehorse Mining District; report prepared for Strategic Metals Ltd. by Archer, Cathro & Associates (1981) Limited.
- Cathro, R.J.  
 1974 Regional Exploration in the Dawson Range District, Yukon for Klotassin Joint Venture. Internal report prepared by Archer, Cathro & Associates Ltd.
- Colpron, M. and Nelson, J. L.  
 2011 A digital atlas of terranes for the Northern Cordillera; Yukon Geological Survey and BC Geology Survey, BCGS GeoFile 2011-11  
[http://www.geology.gov.yk.ca/pdf/CanCord\\_terrane\\_2011.pdf](http://www.geology.gov.yk.ca/pdf/CanCord_terrane_2011.pdf)
- Deklerk, R. and Traynor, S. (compilers)  
 2005 Minfile Database. Yukon MINFILE - A database of mineral occurrences, Yukon Geological Survey, CD-ROM
- Eaton, W.D.  
 1983 NAT Joint Venture Final Report prepared by Archer, Cathro & Associates Ltd.
- Eaton, W.D. and Halleran, W.H.  
 1985 Freegold Joint Venture Final Report prepared by Archer, Cathro & Associates Ltd.
- Gordey, S.P. and Makepeace, A.J. (compilers)  
 2003 Yukon digital geology, version 2.0, Geological Survey of Canada, Open File 1749 and Yukon Geological Survey, Open File 2003-9 (D).
- Hayes, G.  
 2010 Northern Tiger Resources Ltd.'s website: [www.northern-tiger.com/s/Sonora.asp](http://www.northern-tiger.com/s/Sonora.asp)  
 2011 Northern Tiger Resources Ltd.'s website: [www.northern-tiger.com/s/Sonora.asp](http://www.northern-tiger.com/s/Sonora.asp)

- Makarenko, M., Pilotto, D., Klingmann, S., Doerksen, G., Levy, M., Sim, R., and Lightner, F.  
 2014 Preliminary Economic Assessment Technical Report, Coffee Project, Yukon Territory, Canada; report prepared for Kaminak Gold Corporation by JDS Energy and Mining Inc.
- Sim, R. and Kappes, D.  
 2014 Mineral Resource Evaluation, Coffee Gold Project, Yukon Territory, Canada; report prepared for Kaminak Gold Corporation by SIM Geological Inc. and Kappes, Cassiday & Associates.
- Smith, T.  
 2015 Kaminak Gold Corporation's corporate presentation. Available at:  
[http://www.kaminak.com/resources/presentations/KAM\\_Presentation.pdf?v=2](http://www.kaminak.com/resources/presentations/KAM_Presentation.pdf?v=2)
- Smith, H  
 2012 Assessment Report describing Geochemical Sampling and Prospecting at the LLL Property, Whitehorse Mining District; report prepared for Strategic Metals Ltd., and Central Resources Corp. by Archer, Cathro & Associates (1981) Limited.
- 2010 Assessment Report on the LLL Property prepared by Archer, Cathro & Associates (1981) Limited on behalf of Central Resources Corp.
- Templeman-Kluit, D.J.  
 1974 Reconnaissance Geology of Aishihik Lake, Snag and Part of Stewart River map areas, West Central Yukon; Geological Survey of Canada, Map 17-1973.

**APPENDIX I**  
**STATEMENT OF QUALIFICATIONS**



## **STATEMENT OF QUALIFICATIONS**

I, Jack Morton, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from Simon Fraser University in 2013 with a B.Sc. in Earth Science.
2. From 2007 to present, I have been actively engaged in mineral exploration in Yukon Territory, British Columbia, and Northwest Territories
3. I am a Geoscientist in Training (G.I.T.) with the Association of Professional Engineers and Geoscientists of British Columbia.
4. I supervised the field program and have interpreted all data resulting from this work.



J. Morton, B.Sc., GIT

**APPENDIX II**  
**STATEMENT OF EXPENDITURES**

Statement of Expenditures  
140 LLL Mineral Claims  
April 13, 2016

Labour

D. Eaton (geologist) 7 hour April 15 to February at \$120/hr	\$ 882.00
H. Burrell (geologist) 16 hours April 15 to February at \$106/hr	1,780.80
J. Morton (geologist) 60 hours April 15 to February at \$82/hr	5,166.00
J. Irwin (field assistant) 8 hours April 15 to February at \$49/hr	411.60
L. Martin-Berry (field assistant) 16 hours April 15 to February at \$40/hr	823.20
C., Hoefs (field assistant) 8 hours April 15 to February at \$43/hr	361.20
M. Kulla (field assistant) 8 hours April 15 to February at \$43/hr	361.20
L. Corbett (expedite) 2 hours April 15 to February at \$81/hr	170.10
S. Newman (office) 30 1/2 hours April 15 to February at \$64/hr	2,049.60
L. Smith (office) 5 1/2 hours April 15 to February at \$69/hr	<u>398.48</u>
	12,404.18

Expenses (incl. management)

Field room and board – 6 1/2 days at \$180/day	1,322.10
Capital Helicopters – 2.4 hours Bell 206LR at \$1,050/hr plus fuel	2,957.44
ALS Chemex	<u>2,391.35</u>
	6,670.89
	<u>\$19,075.07</u>

105 samples at \$19,075.07 = \$181.67/sample

**Note**

At least \$6,000 of these expenditures were incurred subsequent to June 4 to cover LLL 387 to 410.

**APPENDIX III**  
**ROCK SAMPLE DESCRIPTIONS**

---

**Rock Sample Descriptions**

---

Property: LLL

Sample Number: K283886 UTM: 642405 mE Nad83, Zone 7  
Elevation: 1428 m UTM: 6940380 mN

Comments: Composite grab sample of 10 pieces over a 3 m wide, sericite altered granodiorite withing zone of largely argillic altered granodiorite.

---

Sample Number: K283886 UTM: 642405 mE Nad83, Zone 7  
Elevation: 1428 m UTM: 6940380 mN

Comments: Composite grab sample of 10 pieces over a 3 m wide, sericite altered granodiorite withing zone of largely argillic altered granodiorite.

---

Sample Number: K283886 UTM: 642405 mE Nad83, Zone 7  
Elevation: 1428 m UTM: 6940380 mN

Comments: Composite grab sample of 10 pieces over a 3 m wide, sericite altered granodiorite withing zone of largely argillic altered granodiorite.

---

Sample Number: K283887 UTM: 642042 mE Nad83, Zone 7  
Elevation: 1372 m UTM: 6940579 mN

Comments: Specimen sample 10x10x20 cm of quartz-feldspar porphyry dyke with intense manganese on fractures.

---

Sample Number: K283887 UTM: 642042 mE Nad83, Zone 7  
Elevation: 1372 m UTM: 6940579 mN

Comments: Specimen sample 10x10x20 cm of quartz-feldspar porphyry dyke with intense manganese on fractures.

---

Sample Number: K283887 UTM: 642042 mE Nad83, Zone 7  
Elevation: 1372 m UTM: 6940579 mN

Comments: Specimen sample 10x10x20 cm of quartz-feldspar porphyry dyke with intense manganese on fractures.

---

---

**Rock Sample Descriptions**

---

Property: LLL

Sample Number: K283888 UTM: 642423 mE Nad83, Zone 7  
Elevation: 1422 m UTM: 6940165 mN

Comments: Specimen sample 30x40x20 cm intense orange weathering, argillic altered granodiorite with 3 mm wide veinlet of completely limonite-fille vugs.

---

Sample Number: K283888 UTM: 642423 mE Nad83, Zone 7  
Elevation: 1422 m UTM: 6940165 mN

Comments: Specimen sample 30x40x20 cm intense orange weathering, argillic altered granodiorite with 3 mm wide veinlet of completely limonite-fille vugs.

---

Sample Number: K283888 UTM: 642423 mE Nad83, Zone 7  
Elevation: 1422 m UTM: 6940165 mN

Comments: Specimen sample 30x40x20 cm intense orange weathering, argillic altered granodiorite with 3 mm wide veinlet of completely limonite-fille vugs.

---

Sample Number: K283889 UTM: 643320 mE Nad83, Zone 7  
Elevation: 1485 m UTM: 6938863 mN

Comments: Float sample 30x15x10 cm of "grungy" chalcedonic quartz vein. Brown to tan with limonite pits and fracture coatings. Sample collected from relatively flat, grassy area.

---

Sample Number: K283889 UTM: 643320 mE Nad83, Zone 7  
Elevation: 1485 m UTM: 6938863 mN

Comments: Float sample 30x15x10 cm of grungy chalcedonic quartz vein. Brown to tan with limonite pits and fracture coatings. Sample collected from relatively flat, grassy area.

---

Sample Number: K283889 UTM: 643320 mE Nad83, Zone 7  
Elevation: 1485 m UTM: 6938863 mN

Comments: Float sample 30x15x10 cm of "grungy" chalcedonic quartz vein. Brown to tan with limonite pits and fracture coatings. Sample collected from relatively flat, grassy area.

---

---

**Rock Sample Descriptions**

---

Property: LLL

Sample Number: K283890 UTM: 643370 mE Nad83, Zone 7  
Elevation: 1494 m UTM: 6938796 mN

Comments: Talus sample of argillic altered granodiorite and dark to medium green tourmaline masses. < 5 mm muscovite mica - up to 1 cm in size. Black to brown limonite throughout sample.

---

Sample Number: K283890 UTM: 643370 mE Nad83, Zone 7  
Elevation: 1494 m UTM: 6938796 mN

Comments: Talus sample of argillic altered granodiorite and dark to medium green tourmaline masses. < 5 mm muscovite mica - up to 1 cm in size. Black to brown limonite throughout sample.

---

Sample Number: K283890 UTM: 643370 mE Nad83, Zone 7  
Elevation: 1494 m UTM: 6938796 mN

Comments: Talus sample of argillic altered granodiorite and dark to medium green tourmaline masses. < 5 mm muscovite mica - up to 1 cm in size. Black to brown limonite throughout sample.

---

Sample Number: K283891 UTM: 643344 mE Nad83, Zone 7  
Elevation: 1505 m UTM: 6938731 mN

Comments: Specimen sample from linear with quartz-feldspar porphyry dyke and epithermal-chalcedonic quartz veins. Vein is 60x40x50 cm and white to pale orange. < 6 cm masses with disseminated arsenopyrite, pyrite and scorodite. One crystal of iridescent purple to blue mineral. Abundant along linear trend. Feature is about 4 m wide. There are no signs of anyone having been here previously.

---

Sample Number: K283891 UTM: 643344 mE Nad83, Zone 7  
Elevation: 1505 m UTM: 6938731 mN

Comments: Specimen sample from linear with quartz-feldspar porphyry dyke and epithermal-chalcedonic quartz veins. Vein is 60x40x50 cm and white to pale orange. < 6 cm masses with disseminated arsenopyrite, pyrite and scorodite. One crystal of iridescent purple to blue mineral. Abundant along linear trend. Feature is about 4 m wide. There are no signs of anyone having been here previously.

---

---

**Rock Sample Descriptions**

---

Property: LLL

Sample Number: K283891 UTM: 643344 mE Nad83, Zone 7  
Elevation: 1505 m UTM: 6938731 mN

Comments: Specimen sample from linear with quartz-feldspar porphyry dyke and epithermal-chalcedonic quartz veins. Vein is 60x40x50 cm and white to pale orange. < 6 cm masses with disseminated arsenopyrite, pyrite and scorodite. One crystal of iridescent purple to blue mineral. Abundant along linear trend. Feature is about 4 m wide. There are no signs of anyone having been here previously.

---

Sample Number: K283892 UTM: 642741 mE Nad83, Zone 7  
Elevation: 1446 m UTM: 6938707 mN

Comments: Specimen sample from broad ridge - 20x20x10 cm, orange to brown chalcedonic quartz with disseminated arsenopyrite. Red alteration/oxide, not sure what mineral it is after. Small (<5 mm) bands of black chert (?).

---

Sample Number: K283892 UTM: 642741 mE Nad83, Zone 7  
Elevation: 1446 m UTM: 6938707 mN

Comments: Specimen sample from broad ridge - 20x20x10 cm, orange to brown chalcedonic quartz with disseminated arsenopyrite. Red alteration/oxide, not sure what mineral it is after. Small (<5 mm) bands of black chert (?).

---

Sample Number: K283892 UTM: 642741 mE Nad83, Zone 7  
Elevation: 1446 m UTM: 6938707 mN

Comments: Specimen sample from broad ridge - 20x20x10 cm, orange to brown chalcedonic quartz with disseminated arsenopyrite. Red alteration/oxide, not sure what mineral it is after. Small (<5 mm) bands of black chert (?).

---

Sample Number: K283893 UTM: 641244 mE Nad83, Zone 7  
Elevation: 1371 m UTM: 6939420 mN

Comments: Specimen sample 10x6x25 cm of argillic altered granodiorite with <3 cm orange limonite clots. Manganese on fractures, slight parallel alignment (fabric) of limonitic areas.

---



---

**Rock Sample Descriptions**Property: LLL

---

Sample Number: K283893 UTM: 641244 mE Nad83, Zone 7  
Elevation: 1371 m UTM: 6939420 mN

Comments: Specimen sample 10x6x25 cm of argillic altered granodiorite with <3 cm orange limonite clots. Manganese on fractures, slight parallel alignment (fabric) of limonitic areas.

---

Sample Number: K283893 UTM: 641244 mE Nad83, Zone 7  
Elevation: 1371 m UTM: 6939420 mN

Comments: Specimen sample 10x6x25 cm of argillic altered granodiorite with <3 cm orange limonite clots. Manganese on fractures, slight parallel alignment (fabric) of limonitic areas.

---

**APPENDIX IV**  
**CERTIFICATES OF ANALYSIS**



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 1  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 1-AUG-2015  
 Account: MTT

**CERTIFICATE WH15106734**

Project: LLL

This report is for 8 Rock samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2015.

The following have access to data associated with this certificate:

HEATHER BURRELL	JOAN MARIACHER
-----------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS

To: STRATEGIC METALS LTD.  
 ATTN: JOAN MARIACHER  
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 1-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106734**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K283886		0.93	0.078	2.3	0.38	35	<10	180	<0.5	<2	0.02	<0.5	1	4	15	1.11
K283887		1.13	<0.005	4.4	0.27	3	<10	110	0.7	2	0.04	<0.5	1	9	3	0.89
K283888		0.97	<0.005	0.8	0.24	7	<10	170	<0.5	4	0.01	<0.5	<1	4	4	1.03
K283889		1.19	0.022	1.5	0.19	17	<10	200	<0.5	<2	0.02	<0.5	<1	21	4	0.39
K283890		1.12	<0.005	0.6	0.27	79	<10	70	<0.5	2	0.02	<0.5	1	6	14	0.48
K283891		1.24	0.241	15.0	0.23	1840	<10	910	<0.5	22	0.02	0.8	6	26	229	0.73
K283892		1.35	0.078	1.1	0.35	180	<10	1970	<0.5	<2	0.02	0.5	1	12	34	0.46
K283893		1.09	<0.005	0.4	0.24	7	<10	90	<0.5	<2	0.03	<0.5	2	9	7	0.80



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 1-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106734**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K283886		<10	<1	0.34	10	0.01	40	5	0.01	<1	60	199	0.05	8	<1	4
K283887		<10	<1	0.17	10	0.01	724	2	0.06	1	110	331	0.01	5	1	7
K283888		<10	<1	0.26	10	<0.01	38	2	0.05	<1	40	54	0.23	10	<1	9
K283889		<10	<1	0.08	<10	0.01	51	8	0.01	1	20	142	0.01	2	<1	5
K283890		<10	<1	0.19	<10	0.01	101	3	0.05	1	30	24	0.01	7	<1	5
K283891		<10	<1	0.15	10	0.01	29	4	0.01	1	40	254	0.31	11	<1	21
K283892		<10	<1	0.18	<10	0.01	43	25	0.01	1	30	156	0.12	7	<1	17
K283893		<10	<1	0.14	10	0.01	365	2	0.03	3	120	37	0.01	2	1	9



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 1-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106734**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
K283886		<20	<0.01	<10	<10	1	<10	24
K283887		30	<0.01	<10	10	3	<10	21
K283888		<20	<0.01	<10	<10	<1	<10	6
K283889		<20	<0.01	<10	<10	4	<10	12
K283890		<20	<0.01	<10	<10	<1	<10	8
K283891		<20	<0.01	<10	10	2	<10	23
K283892		<20	<0.01	<10	10	1	<10	40
K283893		<20	<0.01	<10	<10	3	<10	21



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 1-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106734**

CERTIFICATE COMMENTS									
	<b>LABORATORY ADDRESSES</b>								
Applies to Method:	<p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <table border="0"> <tr> <td>BAG-06</td> <td>CRU-31</td> <td>CRU-QC</td> <td>LOG-21</td> </tr> <tr> <td>PUL-31</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	BAG-06	CRU-31	CRU-QC	LOG-21	PUL-31	PUL-QC	SPL-21	WEI-21
BAG-06	CRU-31	CRU-QC	LOG-21						
PUL-31	PUL-QC	SPL-21	WEI-21						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table border="0"> <tr> <td>Au-AA24</td> <td>ME-ICP41</td> </tr> </table>	Au-AA24	ME-ICP41						
Au-AA24	ME-ICP41								



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 1  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

**CERTIFICATE WH15106388**

Project: LLL

This report is for 97 Soil samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2015.

The following have access to data associated with this certificate:

HEATHER BURRELL	JOAN MARIACHER
-----------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: STRATEGIC METALS LTD.  
 ATTN: JOAN MARIACHER  
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 2 - A  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106388**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ91618		0.46	0.003	0.2	1.68	14	<10	100	1.0	<2	0.19	<0.5	8	27	15	2.30
ZZ91619		0.52	0.002	0.2	2.03	18	<10	70	0.5	4	0.11	<0.5	8	33	16	3.78
ZZ91620		0.50	0.005	<0.2	2.18	15	<10	110	0.7	3	0.15	<0.5	11	30	16	2.87
ZZ91621		0.48	0.003	<0.2	2.74	14	<10	190	0.8	2	0.23	0.5	14	41	27	3.32
ZZ91622		0.31	0.004	0.4	3.24	20	<10	230	1.1	3	0.26	<0.5	11	42	21	3.84
ZZ91623		0.46	0.005	<0.2	2.38	17	<10	260	0.5	5	0.29	<0.5	11	40	20	3.55
ZZ91624		0.49	0.002	0.2	1.85	13	<10	150	<0.5	2	0.22	<0.5	8	34	17	3.14
ZZ91625		0.46	0.003	0.2	1.37	11	<10	120	<0.5	2	0.20	0.5	5	25	13	2.44
ZZ91626		0.46	0.003	0.2	1.46	14	<10	220	0.6	<2	0.27	<0.5	7	27	17	2.64
ZZ91627		0.51	0.003	0.2	2.25	14	<10	150	0.6	3	0.20	<0.5	10	34	21	2.97
ZZ91628		0.52	0.003	0.2	1.01	12	<10	280	0.7	<2	0.31	<0.5	5	20	13	1.78
ZZ91629		0.41	0.002	0.2	2.34	23	<10	300	0.6	3	0.18	<0.5	11	35	17	3.33
ZZ91630		0.44	0.004	0.2	1.91	17	<10	300	1.5	3	0.25	0.6	10	30	43	2.73
ZZ91631		0.34	0.001	0.8	0.91	9	<10	410	<0.5	2	0.61	2.1	10	20	17	1.95
ZZ91632		0.41	0.006	0.5	1.53	52	<10	250	0.7	3	0.59	<0.5	26	45	26	8.47
ZZ91633		0.33	0.001	0.4	1.05	12	<10	340	0.6	2	0.97	1.3	27	28	50	2.29
ZZ91634		0.25	0.006	0.5	1.40	30	<10	270	0.7	<2	1.03	0.6	17	36	61	3.68
ZZ91635		0.54	0.018	0.2	1.64	17	<10	190	0.6	<2	0.53	<0.5	14	49	47	3.50
ZZ91636		0.66	0.004	<0.2	1.88	23	<10	170	0.6	3	0.40	<0.5	9	39	31	3.24
ZZ91637		0.76	0.007	<0.2	2.00	17	<10	180	0.7	<2	0.44	<0.5	9	48	50	2.56
ZZ91638		0.53	0.013	<0.2	1.84	18	<10	160	0.6	<2	0.52	<0.5	8	41	41	2.89
ZZ91639		0.55	0.011	<0.2	1.96	13	<10	160	0.6	<2	0.45	<0.5	9	37	33	2.58
ZZ91640		0.37	0.006	1.0	1.41	15	<10	210	0.9	<2	0.75	<0.5	9	31	72	2.42
ZZ91641		0.48	0.005	<0.2	1.82	20	<10	160	0.6	<2	0.41	<0.5	11	36	47	3.15
ZZ91642		0.28	0.007	<0.2	0.68	7	<10	40	<0.5	<2	0.06	<0.5	3	18	15	1.27
ZZ91643		0.66	0.009	0.2	2.23	50	<10	200	1.1	<2	0.45	<0.5	12	47	88	3.95
ZZ91644		0.60	0.008	0.3	0.46	169	<10	70	1.7	<2	0.56	0.8	13	11	130	4.21
ZZ91645		0.68	0.009	<0.2	2.16	36	<10	210	1.1	<2	0.40	<0.5	13	41	77	3.65
ZZ91646		0.73	0.008	<0.2	1.67	16	<10	140	0.8	<2	0.51	<0.5	11	49	74	3.25
ZZ91647		0.82	0.006	0.3	2.12	13	<10	140	1.0	<2	0.58	<0.5	13	74	89	3.95
ZZ91648		1.00	0.029	0.8	1.84	40	<10	170	0.7	<2	0.52	1.1	13	60	106	3.47
ZZ91649		0.37	0.009	<0.2	1.94	14	<10	80	0.6	<2	0.20	<0.5	9	53	56	3.35
ZZ91650		0.49	0.004	<0.2	2.66	14	<10	120	0.8	<2	0.19	<0.5	12	37	42	2.97
ZZ91651		0.64	0.013	0.2	2.41	14	<10	90	0.6	<2	0.14	<0.5	10	34	35	3.03
ZZ91652		0.58	0.008	<0.2	2.29	13	<10	90	0.6	<2	0.15	<0.5	9	33	39	2.71
ZZ91653		0.53	0.004	0.2	1.11	14	<10	60	<0.5	<2	0.11	<0.5	4	20	21	2.25
ZZ91654		0.55	0.004	<0.2	1.94	15	<10	90	0.5	<2	0.20	<0.5	8	32	31	2.96
ZZ91655		0.46	0.004	<0.2	1.15	10	<10	60	<0.5	<2	0.11	<0.5	8	23	27	2.27
ZZ91656		0.65	0.006	<0.2	2.24	16	<10	120	0.6	<2	0.18	<0.5	8	31	51	2.89
ZZ91657		0.53	0.013	<0.2	1.26	14	<10	70	<0.5	<2	0.24	<0.5	6	25	71	1.94

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 2 - B  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106388**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ91618		<10	<1	0.05	10	0.32	861	1	0.02	17	420	19	0.04	<2	3	16
ZZ91619		10	<1	0.06	10	0.41	393	2	0.02	16	310	18	0.04	<2	3	12
ZZ91620		<10	<1	0.06	10	0.37	414	1	0.02	21	290	15	0.04	<2	3	15
ZZ91621		10	<1	0.11	10	0.70	611	1	0.03	35	460	12	0.04	<2	5	19
ZZ91622		10	<1	0.10	10	0.52	349	1	0.02	28	470	18	0.05	<2	4	24
ZZ91623		10	<1	0.10	10	0.61	518	1	0.02	27	330	12	0.04	<2	4	27
ZZ91624		10	<1	0.10	10	0.46	425	1	0.02	18	500	13	0.05	<2	3	19
ZZ91625		<10	<1	0.07	10	0.34	260	1	0.02	14	330	13	0.04	<2	3	17
ZZ91626		10	<1	0.08	10	0.32	938	2	0.03	16	550	14	0.06	<2	2	24
ZZ91627		10	<1	0.09	10	0.48	520	1	0.02	22	480	13	0.04	<2	4	18
ZZ91628		<10	<1	0.06	30	0.22	475	1	0.02	11	450	18	0.04	<2	3	28
ZZ91629		10	<1	0.08	10	0.47	1005	2	0.02	17	310	15	0.04	2	4	19
ZZ91630		10	1	0.09	50	0.31	1605	2	0.02	18	580	17	0.05	<2	3	27
ZZ91631		<10	<1	0.07	10	0.19	1235	2	0.02	13	720	14	0.09	<2	2	64
ZZ91632		10	<1	0.05	10	0.46	1520	7	0.03	12	1960	15	0.12	<2	4	44
ZZ91633		<10	<1	0.06	20	0.33	4930	2	0.03	18	1690	7	0.21	2	3	78
ZZ91634		<10	<1	0.07	20	0.50	2740	3	0.03	18	1520	10	0.18	<2	5	77
ZZ91635		10	1	0.12	20	0.80	606	1	0.03	18	1240	10	0.03	<2	6	30
ZZ91636		10	<1	0.06	20	0.59	272	2	0.02	17	1070	12	0.05	4	6	24
ZZ91637		10	<1	0.07	20	0.68	173	1	0.01	21	980	16	0.02	2	8	24
ZZ91638		10	<1	0.07	20	0.69	223	1	0.01	17	1060	13	0.01	<2	6	27
ZZ91639		10	1	0.06	20	0.65	567	1	0.01	15	1040	12	0.02	<2	5	23
ZZ91640		<10	<1	0.05	30	0.35	965	2	0.01	16	1470	9	0.12	<2	5	53
ZZ91641		10	<1	0.08	10	0.62	359	1	0.01	23	850	12	<0.01	2	4	24
ZZ91642		10	<1	0.03	10	0.09	76	2	0.01	10	280	8	0.01	<2	1	10
ZZ91643		10	<1	0.09	20	0.67	267	2	0.01	28	970	15	0.01	3	9	29
ZZ91644		<10	1	0.09	50	0.08	594	4	<0.01	20	1950	20	0.03	4	9	16
ZZ91645		10	<1	0.09	20	0.67	400	1	0.01	27	930	12	<0.01	4	7	23
ZZ91646		10	<1	0.15	20	0.69	456	<1	0.02	21	1180	14	<0.01	<2	9	29
ZZ91647		10	<1	0.27	20	1.09	396	1	0.01	17	1530	14	<0.01	3	10	26
ZZ91648		10	<1	0.24	20	0.85	294	2	0.02	20	1130	37	0.01	2	10	31
ZZ91649		10	<1	0.04	10	0.49	247	1	0.01	15	660	17	0.05	<2	4	15
ZZ91650		10	<1	0.07	10	0.62	467	<1	0.01	30	270	13	0.01	<2	5	15
ZZ91651		10	<1	0.06	10	0.46	414	1	0.01	21	350	15	0.02	2	3	13
ZZ91652		10	1	0.07	10	0.45	454	1	<0.01	21	360	17	0.02	<2	4	12
ZZ91653		10	1	0.05	10	0.22	198	2	<0.01	7	210	16	0.01	<2	2	10
ZZ91654		10	<1	0.07	10	0.43	347	1	0.01	18	340	16	0.02	2	3	16
ZZ91655		10	<1	0.06	10	0.20	703	2	<0.01	9	280	12	0.01	<2	2	13
ZZ91656		10	<1	0.07	10	0.45	302	1	<0.01	20	450	16	0.01	3	3	14
ZZ91657		<10	<1	0.06	10	0.36	289	3	0.01	12	280	19	<0.01	6	2	19

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 2 - C  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106388**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ91618		<20	0.07	<10	<10	49	<10	56
ZZ91619		<20	0.11	<10	<10	87	<10	49
ZZ91620		<20	0.08	<10	<10	60	<10	53
ZZ91621		<20	0.12	<10	<10	69	<10	67
ZZ91622		<20	0.07	<10	<10	65	<10	57
ZZ91623		<20	0.10	<10	<10	79	<10	61
ZZ91624		<20	0.08	<10	<10	77	<10	57
ZZ91625		<20	0.09	<10	<10	59	<10	42
ZZ91626		<20	0.06	<10	<10	60	<10	41
ZZ91627		<20	0.08	<10	<10	66	<10	56
ZZ91628		<20	0.05	<10	10	36	<10	38
ZZ91629		<20	0.05	<10	<10	71	<10	58
ZZ91630		<20	0.06	<10	10	62	<10	64
ZZ91631		<20	0.05	<10	<10	53	<10	42
ZZ91632		<20	0.07	<10	<10	120	<10	60
ZZ91633		<20	0.05	<10	<10	41	<10	58
ZZ91634		<20	0.08	<10	<10	78	<10	69
ZZ91635		<20	0.18	<10	<10	95	<10	77
ZZ91636		<20	0.10	<10	<10	71	<10	70
ZZ91637		<20	0.11	<10	<10	75	<10	72
ZZ91638		<20	0.10	<10	<10	67	<10	65
ZZ91639		<20	0.06	<10	<10	68	<10	55
ZZ91640		<20	0.04	<10	10	51	<10	44
ZZ91641		<20	0.11	<10	<10	70	<10	66
ZZ91642		<20	0.07	<10	<10	73	<10	35
ZZ91643		<20	0.10	<10	10	78	<10	75
ZZ91644		<20	<0.01	<10	<10	22	<10	67
ZZ91645		<20	0.09	<10	<10	69	<10	71
ZZ91646		<20	0.14	<10	<10	78	<10	80
ZZ91647		<20	0.17	<10	<10	98	<10	94
ZZ91648		<20	0.18	<10	10	90	<10	119
ZZ91649		<20	0.07	<10	<10	90	<10	76
ZZ91650		<20	0.10	<10	<10	63	<10	58
ZZ91651		<20	0.09	<10	<10	66	<10	55
ZZ91652		<20	0.08	<10	<10	61	<10	52
ZZ91653		<20	0.11	<10	<10	71	<10	35
ZZ91654		<20	0.10	<10	<10	71	<10	54
ZZ91655		<20	0.10	<10	<10	69	<10	37
ZZ91656		<20	0.08	<10	<10	65	<10	61
ZZ91657		<20	0.07	<10	<10	45	<10	48

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 3 - A  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106388**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ91658		0.54	0.018	<0.2	0.87	9	<10	80	0.5	<2	0.22	0.5	5	19	129	1.39
ZZ91659		0.44	0.009	0.6	2.05	16	<10	100	0.6	<2	0.17	<0.5	8	30	81	2.66
ZZ91660		0.35	0.004	0.2	1.01	8	<10	100	<0.5	<2	0.10	<0.5	4	18	41	1.38
ZZ91661		0.46	0.003	0.2	2.04	17	<10	180	0.5	<2	0.23	0.6	8	31	28	3.57
ZZ91662		0.41	0.007	1.4	2.12	13	<10	350	0.9	<2	0.63	5.4	13	34	96	3.05
ZZ91663		0.39	0.003	0.9	1.19	8	<10	270	0.7	<2	0.89	1.0	4	22	56	1.72
ZZ91541		0.43	0.015	0.3	2.14	73	<10	170	0.5	<2	0.19	<0.5	10	35	32	3.23
ZZ91542		0.32	0.003	0.2	1.72	18	<10	160	0.5	<2	0.20	<0.5	8	31	26	3.05
ZZ91543		0.40	0.003	<0.2	2.13	24	<10	150	<0.5	<2	0.16	<0.5	8	32	21	3.63
ZZ91544		0.35	0.005	0.5	2.40	35	<10	220	0.6	<2	0.23	<0.5	9	35	25	3.61
ZZ91545		0.29	0.011	0.4	2.19	28	<10	240	0.7	<2	0.23	<0.5	8	36	23	3.13
ZZ91546		0.36	0.006	<0.2	1.76	18	<10	170	0.5	<2	0.29	<0.5	15	38	19	3.32
ZZ91547		0.58	0.002	<0.2	1.42	20	<10	140	0.5	<2	0.21	<0.5	7	25	14	3.11
ZZ91548		0.36	0.002	<0.2	1.32	15	<10	160	<0.5	<2	0.26	<0.5	9	31	14	2.61
ZZ91549		0.37	0.003	<0.2	1.30	48	<10	270	<0.5	<2	0.42	<0.5	6	24	10	2.58
ZZ91550		0.40	0.006	0.4	0.99	37	<10	320	1.0	<2	0.52	2.5	18	16	70	4.17
ZZ91556		0.33	0.002	<0.2	1.57	18	<10	150	0.6	<2	0.24	<0.5	8	24	13	3.24
ZZ91557		0.35	0.003	<0.2	2.03	17	<10	110	<0.5	<2	0.16	<0.5	7	36	16	3.18
ZZ91558		0.44	0.002	<0.2	1.36	11	<10	90	<0.5	<2	0.11	<0.5	5	25	12	2.77
ZZ91559		0.33	0.004	<0.2	2.44	15	<10	110	0.7	<2	0.19	<0.5	12	35	23	3.09
ZZ91560		0.31	0.007	<0.2	1.69	13	<10	140	0.5	<2	0.18	<0.5	7	29	20	2.96
ZZ91561		0.25	0.003	0.3	1.06	11	<10	310	<0.5	<2	0.42	<0.5	6	23	15	1.98
ZZ91562		0.24	0.003	0.5	1.53	22	<10	250	0.5	<2	0.22	0.7	5	25	19	2.68
ZZ91563		0.29	<0.001	<0.2	1.04	6	<10	90	<0.5	<2	0.13	<0.5	4	18	16	1.62
ZZ91564		0.45	0.003	<0.2	2.42	12	<10	120	0.5	<2	0.21	<0.5	10	36	21	3.18
ZZ91565		0.45	0.003	<0.2	2.25	14	<10	140	0.5	<2	0.16	<0.5	10	37	24	3.59
ZZ91566		0.25	0.004	0.3	1.96	16	<10	100	0.6	<2	0.16	<0.5	9	29	19	3.13
ZZ91567		0.49	0.002	<0.2	2.54	12	<10	160	0.8	<2	0.19	<0.5	12	39	24	3.19
ZZ91568		0.34	0.003	<0.2	1.99	15	<10	140	0.5	<2	0.16	<0.5	10	29	16	3.31
ZZ91569		0.51	0.003	<0.2	2.37	15	<10	180	0.7	<2	0.28	<0.5	14	39	23	3.43
ZZ91570		0.39	0.002	<0.2	0.71	4	<10	100	<0.5	<2	0.14	<0.5	3	13	8	1.15
ZZ91571		0.47	0.009	<0.2	2.27	15	<10	150	0.5	<2	0.22	<0.5	8	34	16	3.38
ZZ91572		0.53	0.001	<0.2	2.71	23	<10	150	0.7	<2	0.18	<0.5	14	40	23	3.89
ZZ91573		0.45	0.002	<0.2	1.57	15	<10	110	<0.5	<2	0.17	<0.5	6	28	13	3.43
ZZ91574		0.33	0.002	<0.2	1.87	14	<10	160	<0.5	<2	0.25	<0.5	10	34	17	3.00
ZZ91575		0.34	0.006	0.5	1.79	29	<10	360	0.6	<2	0.44	<0.5	7	32	31	2.76
ZZ91576		0.43	0.003	0.5	2.84	22	<10	130	0.7	2	0.17	<0.5	12	38	20	3.78
ZZ91577		0.42	0.004	<0.2	1.72	20	<10	170	0.6	2	0.19	<0.5	8	27	21	3.01
ZZ91578		0.30	0.002	0.2	1.46	13	<10	140	<0.5	<2	0.13	<0.5	5	26	12	2.37
ZZ91579		0.38	0.020	1.2	2.99	45	<10	680	1.3	<2	1.07	0.6	12	40	60	3.79

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 3 - B  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106388**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ91658		<10	<1	0.05	10	0.23	290	1	0.01	9	430	24	<0.01	7	2	15
ZZ91659		10	<1	0.07	10	0.40	314	2	<0.01	18	310	17	<0.01	5	3	15
ZZ91660		<10	<1	0.04	10	0.18	200	1	0.01	8	250	16	0.01	2	2	11
ZZ91661		10	<1	0.09	10	0.48	338	2	<0.01	17	260	20	<0.01	2	4	20
ZZ91662		10	<1	0.17	20	0.48	2160	3	0.01	29	770	24	0.06	<2	4	60
ZZ91663		<10	<1	0.09	30	0.26	211	1	0.01	14	680	18	0.07	2	1	66
ZZ91541		10	<1	0.11	10	0.51	448	7	0.01	19	620	20	0.02	6	4	16
ZZ91542		10	1	0.09	10	0.41	375	2	<0.01	17	520	15	0.01	<2	4	18
ZZ91543		10	<1	0.09	10	0.43	325	2	0.01	16	350	17	0.01	<2	4	14
ZZ91544		10	<1	0.10	10	0.49	326	2	0.01	20	610	18	0.02	2	4	19
ZZ91545		10	<1	0.14	10	0.46	290	3	0.01	18	550	23	0.08	2	4	25
ZZ91546		10	<1	0.10	10	0.47	863	2	0.01	21	620	16	0.03	<2	4	24
ZZ91547		10	1	0.08	10	0.30	311	2	0.01	11	420	10	0.02	<2	3	18
ZZ91548		10	<1	0.10	10	0.37	489	2	0.01	15	310	11	0.03	<2	3	25
ZZ91549		<10	<1	0.08	10	0.36	339	1	0.01	11	880	12	0.04	<2	4	33
ZZ91550		<10	1	0.13	20	0.27	973	4	0.02	10	1610	45	0.07	5	11	37
ZZ91556		<10	1	0.06	10	0.28	366	<1	0.01	13	630	13	0.03	2	4	18
ZZ91557		10	<1	0.07	10	0.46	237	2	0.01	16	270	12	0.02	<2	4	16
ZZ91558		10	1	0.06	10	0.26	199	1	0.01	11	200	13	0.02	<2	3	12
ZZ91559		10	<1	0.09	10	0.56	561	<1	0.01	25	430	11	0.03	<2	5	15
ZZ91560		10	<1	0.07	10	0.34	312	1	0.01	18	460	14	0.06	<2	2	18
ZZ91561		<10	<1	0.06	10	0.23	271	1	0.02	11	730	13	0.08	2	2	46
ZZ91562		10	<1	0.07	10	0.27	216	2	0.01	12	670	28	0.06	3	2	21
ZZ91563		<10	<1	0.03	10	0.15	84	<1	0.02	9	540	11	0.08	2	1	15
ZZ91564		10	<1	0.08	10	0.54	326	<1	0.01	23	290	11	0.07	<2	4	16
ZZ91565		10	1	0.09	10	0.53	533	1	0.01	25	350	13	0.07	<2	4	15
ZZ91566		10	1	0.07	10	0.36	434	1	0.01	16	470	13	0.08	<2	3	14
ZZ91567		10	<1	0.08	10	0.61	501	<1	0.01	28	330	11	0.05	<2	5	17
ZZ91568		10	<1	0.07	10	0.30	481	1	0.01	15	340	16	0.06	<2	4	16
ZZ91569		10	<1	0.12	10	0.62	646	1	0.02	25	610	13	0.04	<2	6	21
ZZ91570		10	<1	0.06	10	0.08	91	1	0.01	4	150	9	0.03	<2	2	16
ZZ91571		10	<1	0.07	10	0.45	260	1	0.01	18	460	11	0.03	<2	4	19
ZZ91572		10	1	0.12	10	0.55	577	1	0.01	23	680	15	0.05	2	5	16
ZZ91573		10	<1	0.07	10	0.35	213	1	0.01	12	470	12	0.09	<2	3	16
ZZ91574		10	1	0.11	10	0.54	417	2	0.01	20	480	12	0.11	<2	4	22
ZZ91575		10	<1	0.11	20	0.41	398	2	0.02	16	700	18	0.16	4	5	40
ZZ91576		10	<1	0.06	10	0.37	364	1	0.01	19	560	17	0.13	<2	4	16
ZZ91577		<10	1	0.08	10	0.37	351	1	0.01	16	400	19	0.13	<2	4	18
ZZ91578		10	<1	0.08	10	0.24	249	1	0.01	11	330	13	0.12	<2	3	14
ZZ91579		10	<1	0.14	20	0.42	1020	3	0.02	23	1680	22	0.26	<2	7	115

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 3 - C  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

Project: LLL

<b>CERTIFICATE OF ANALYSIS WH15106388</b>
---

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ91658		<20	0.07	<10	<10	38	<10	50
ZZ91659		<20	0.07	<10	<10	58	<10	57
ZZ91660		<20	0.05	<10	<10	40	<10	32
ZZ91661		<20	0.09	<10	<10	78	<10	63
ZZ91662		<20	0.06	<10	<10	64	<10	153
ZZ91663		<20	0.03	<10	<10	44	<10	54
ZZ91541		<20	0.07	<10	<10	64	<10	60
ZZ91542		<20	0.08	<10	<10	70	<10	50
ZZ91543		<20	0.07	<10	<10	78	<10	52
ZZ91544		<20	0.08	<10	<10	78	<10	55
ZZ91545		<20	0.07	<10	<10	61	<10	53
ZZ91546		<20	0.10	<10	<10	75	<10	61
ZZ91547		<20	0.09	<10	<10	77	<10	43
ZZ91548		<20	0.11	<10	<10	73	<10	47
ZZ91549		<20	0.05	<10	<10	53	<10	41
ZZ91550		<20	0.04	<10	10	51	<10	264
ZZ91556		<20	0.06	<10	<10	58	<10	46
ZZ91557		<20	0.13	<10	<10	97	<10	51
ZZ91558		<20	0.13	<10	<10	100	<10	35
ZZ91559		<20	0.10	<10	<10	64	<10	57
ZZ91560		<20	0.06	<10	<10	66	<10	59
ZZ91561		<20	0.05	<10	<10	51	<10	44
ZZ91562		<20	0.04	<10	10	57	<10	55
ZZ91563		<20	0.04	<10	<10	37	<10	34
ZZ91564		<20	0.12	<10	<10	76	<10	57
ZZ91565		<20	0.10	<10	<10	79	<10	64
ZZ91566		<20	0.08	<10	<10	63	<10	55
ZZ91567		<20	0.11	<10	<10	67	<10	59
ZZ91568		<20	0.08	<10	<10	75	<10	50
ZZ91569		<20	0.12	<10	<10	72	<10	68
ZZ91570		<20	0.10	<10	<10	53	<10	22
ZZ91571		<20	0.09	<10	<10	71	<10	49
ZZ91572		<20	0.09	<10	<10	73	<10	71
ZZ91573		<20	0.09	<10	<10	77	<10	42
ZZ91574		<20	0.10	<10	<10	65	<10	58
ZZ91575		<20	0.08	<10	<10	67	<10	52
ZZ91576		<20	0.07	<10	<10	82	<10	62
ZZ91577		<20	0.07	<10	<10	58	<10	52
ZZ91578		<20	0.09	<10	<10	73	<10	36
ZZ91579		<20	0.03	<10	20	61	<10	77

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 4 - A  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106388**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ91580		0.45	0.029	<0.2	1.65	11	<10	150	<0.5	<2	0.42	<0.5	10	28	14	2.18
ZZ91581		0.31	0.001	<0.2	0.94	28	<10	90	<0.5	<2	0.12	<0.5	6	21	16	2.01
ZZ91582		0.41	0.012	0.2	2.60	25	<10	170	0.7	<2	0.18	<0.5	9	35	25	3.29
ZZ91583		0.37	0.005	0.2	1.92	15	<10	180	<0.5	<2	0.23	<0.5	10	30	20	3.06
ZZ91584		0.31	0.004	<0.2	1.92	16	<10	160	0.6	<2	0.25	<0.5	13	36	21	3.38
ZZ91585		0.49	0.002	<0.2	1.30	16	<10	90	0.5	<2	0.22	<0.5	8	24	13	2.50
ZZ91586		0.36	0.002	<0.2	1.59	14	<10	130	0.5	<2	0.24	<0.5	7	28	14	2.68
ZZ91587		0.29	0.002	<0.2	2.26	13	<10	180	0.5	<2	0.20	<0.5	10	31	14	3.17
ZZ91588		0.43	0.002	<0.2	2.77	16	<10	260	0.9	<2	0.29	<0.5	11	44	25	3.63
ZZ91589		0.24	0.004	<0.2	1.24	11	<10	120	<0.5	<2	0.29	<0.5	7	25	14	2.44
ZZ91590		0.47	0.003	<0.2	1.75	14	<10	120	0.5	<2	0.18	<0.5	8	29	15	3.18
ZZ91591		0.24	0.001	0.2	1.21	10	<10	160	<0.5	<2	0.20	<0.5	5	20	13	1.98
ZZ91592		0.33	0.005	<0.2	2.06	10	<10	120	0.5	<2	0.19	<0.5	12	34	22	2.81
ZZ91593		0.35	0.003	<0.2	2.73	13	<10	170	0.7	<2	0.21	<0.5	14	39	26	3.02
ZZ91594		0.39	0.002	<0.2	2.13	13	<10	100	0.6	<2	0.18	<0.5	10	32	20	2.80
ZZ91595		0.33	0.003	<0.2	2.09	11	<10	90	0.5	<2	0.16	<0.5	8	31	17	2.53
ZZ91596		0.41	0.003	<0.2	1.25	23	<10	100	0.8	<2	0.14	<0.5	7	24	19	2.31

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 4 - B  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106388**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ91580		<10	<1	0.06	10	0.45	576	1	0.01	11	1020	13	0.14	<2	4	27
ZZ91581		<10	<1	0.08	10	0.18	472	3	0.01	9	370	24	0.15	2	2	14
ZZ91582		10	1	0.11	10	0.48	335	2	0.01	19	340	18	0.14	<2	4	18
ZZ91583		10	<1	0.10	10	0.42	576	1	0.01	17	440	15	<0.01	<2	3	25
ZZ91584		10	<1	0.10	10	0.50	628	1	0.01	22	660	14	<0.01	<2	4	21
ZZ91585		<10	<1	0.07	10	0.32	400	1	0.01	13	470	13	<0.01	<2	3	16
ZZ91586		10	<1	0.10	10	0.41	325	1	0.01	15	540	17	<0.01	<2	4	18
ZZ91587		10	<1	0.09	10	0.36	305	1	0.01	19	380	14	0.04	<2	4	21
ZZ91588		10	<1	0.13	10	0.60	559	1	0.01	25	660	16	0.15	<2	5	26
ZZ91589		<10	<1	0.07	10	0.34	371	<1	0.01	14	660	12	0.24	<2	3	19
ZZ91590		10	<1	0.08	10	0.37	380	1	0.01	14	320	15	0.22	<2	4	15
ZZ91591		<10	<1	0.05	10	0.22	273	1	0.01	11	270	12	0.02	<2	2	22
ZZ91592		10	<1	0.09	10	0.54	510	<1	0.01	23	350	13	0.01	<2	5	14
ZZ91593		10	1	0.11	10	0.66	617	<1	0.01	32	390	13	<0.01	<2	5	15
ZZ91594		10	<1	0.07	10	0.48	375	1	0.01	21	350	11	0.01	<2	4	14
ZZ91595		<10	<1	0.05	10	0.35	280	<1	<0.01	19	360	13	0.01	<2	3	13
ZZ91596		<10	<1	0.05	10	0.27	422	1	<0.01	12	200	20	<0.01	3	3	13

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

Page: 4 - C  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2015  
 Account: MTT

Project: LLL

CERTIFICATE OF ANALYSIS    WH15106388
---------------------------------------

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm
		20	0.01	10	10	1	10	2
ZZ91580		<20	0.07	<10	<10	55	<10	57
ZZ91581		<20	0.04	<10	<10	48	<10	44
ZZ91582		<20	0.06	<10	<10	64	<10	56
ZZ91583		<20	0.06	<10	<10	65	<10	52
ZZ91584		<20	0.10	<10	<10	70	<10	59
ZZ91585		<20	0.09	<10	<10	52	<10	48
ZZ91586		<20	0.09	<10	<10	58	<10	50
ZZ91587		<20	0.08	<10	<10	69	<10	46
ZZ91588		<20	0.08	<10	<10	75	<10	64
ZZ91589		<20	0.09	<10	<10	56	<10	52
ZZ91590		<20	0.10	<10	<10	77	<10	45
ZZ91591		<20	0.05	<10	<10	48	<10	37
ZZ91592		<20	0.10	<10	<10	61	<10	55
ZZ91593		<20	0.11	<10	<10	61	<10	61
ZZ91594		<20	0.09	<10	<10	63	<10	51
ZZ91595		<20	0.07	<10	<10	50	<10	39
ZZ91596		<20	0.07	<10	<10	42	<10	49

Comments: \*\*\*Corrected copy with "LLL" added to project\*\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
www.alsglobal.com

To: STRATEGIC METALS LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 7-AUG-2015  
Account: MTT

Project: LLL

**CERTIFICATE OF ANALYSIS WH15106388**

<b>CERTIFICATE COMMENTS</b>	
	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <p>Applies to Method: LOG-22 SCR-41 WEI-21</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <p>Applies to Method: Au-ICP21 ME-ICP41</p>