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# ASSESSMENT REPORT

describing

## SOIL SAMPLING

Field work performed July 22 to 26, 2017

at the

## CONNAUGHT PROPERTY

| | |
|---|---|
| CN 1-120 | YC44099-YC44218 |
| 125-162 | YC44219-YC44256 |
| 167-178 | YC44257-YC44268 |
| 189-198 | YC44269-YC44278 |
| 199-202 | YC62938-YC62941 |
| 203-216 | YC63043-YC63056 |
| 217-301 | YF53297-YF53381 |
| NC 1-8 | YC44412-YC44419 |
| 13-32 | YC44220-YC44439 |
| OM 1-48 | YE60601-YE60648 |

NTS 115N/15
Latitude 63°55'N; Longitude 140°48'W

in the

Dawson Mining District
Yukon Territory

prepared by
Archer, Cathro & Associates (1981) Limited

for

**ATAC RESOURCES LTD.**

By
H. Burrell, P.Geo.
February 2018

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## APPENDICES

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## INTRODUCTION

The Connaught property hosts an extensive system of silver-lead-gold veins located in the Sixtymile placer gold camp of western Yukon Territory. The property is 100% owned by ATAC Resources Ltd. with no underlying royalties.

This report describes soil geochemical sampling and prospecting conducted between July 22 and 26, 2017 by Archer, Cathro & Associates (1981) Limited on behalf of ATAC. The author supervised the program and interpreted all results. 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 Connaught property consists of 359 contiguous mineral claims located in western Yukon at latitude 63°55' north and longitude 140°48' west on NTS map sheet 115N/15 (Figure 1). The property covers an area of approximately 7270 ha (72.7 $km^2$). The claims are registered with the Dawson Mining Recorder in the name of Archer Cathro, which holds them in trust for ATAC. Claim data are listed below while the locations of individual claims are shown on Figure 2.

| Claim Name | Grant Number | Expiry Date* |
|---|---|---|
| CN 1-120 | YC44099-YC44218 | May 26, 2025 |
| 125-162 | YC44219-YC44256 | May 26, 2025 |
| 167-178 | YC44257-YC44268 | May 26, 2025 |
| 189-198 | YC44269-YC44278 | May 26, 2025 |
| 199-202 | YC62938-YC62941 | May 26, 2025 |
| 203-216 | YC63043-YC63056 | May 26, 2025 |
| 217-301 | YF53297-YF53381 | May 26, 2020 |
| NC 1-8 | YC44412-YC44419 | May 26, 2025 |
| 13-32 | YC44220-YC44439 | May 26, 2025 |
| OM 1-48 | YE60601-YE60648 | May 26, 2022 |

* Expiry dates include 2017 work that has been filed for assessment credit, but has not yet been accepted.

The property lies 65 km due west of Dawson City and can be reached by four wheel drive vehicle via the Sixtymile Road, which runs south from the Top of the World Highway. An extensive system of bush roads and trails exist on the property but to reach them, the Sixtymile River must be forded. During spring runoff and following major storms, this ford is sometimes impassable. The Top of the World Highway extends west from Dawson City into Alaska. The highway is open during summer and fall when the ferry across the Yukon River is in service. Dawson City is situated 536 km by road north of Whitehorse, the Yukon's main supply centre, and is reached via the all-season Klondike Highway. Helicopters are based in Dawson City but were not utilized during the 2017 exploration program.

## HISTORY AND PREVIOUS WORK

This section summarizes historical work in the Connaught property area. Figure 3 illustrates the location of the veins described in the following paragraphs.

Although silver-lead-gold veins were likely found in the Sixtymile area in the late 1890s, the first reported discovery was made by J. Lerner and M. Chefkoi in 1965. Their exploration consisted of "cold extraction" soil geochemistry and prospecting, which led to claim staking. Lerner and Chefkoi optioned the claims to A. Moisey, who later transferred them to the Sixtymile Mining Company Ltd.

In 1966 and 1967, Sixtymile Mining carried out bulldozer trenching and electromagnetic (EM) surveys. The trenching uncovered substantial lenses of massive galena on the No. 1 and No. 3 veins. In summer 1966, a total of 22.7 tonnes of hand sorted material was collected from open cuts on the No. 1 and No. 3 veins, and shipped to the Cominco smelter in Trail, British Columbia (Harper, 1967). This shipment averaged 2.1 g/t gold, 2297 g/t silver and 67.3% lead (Cholach, 1969).

During 1968 and 1969, the property was held under option by Connaught Mines Ltd, which completed geological mapping, geochemical sampling, 35,200 $m^3$ of bulldozer trenching and 431.8 m of diamond drilling in eight holes. The 1969 soil sampling covered much of the property at that time and generated new silver-lead targets. It also identified strong copper response in irregular clusters away from the veins. Bulldozer trenching on the geochemical anomalies led to the discovery or delineation of more vein zones, the best of which were the No. 4, No. 7 and No. 8 (Archer, 1969). Six of the diamond drill holes tested the No. 1 Vein and the other two holes explored the No. 3 Vein. Most of the holes intersected variably mineralized vein structures (Cholach, 1969).

In 1976, Connaught Mines transferred its interest to A. Tottrup, who optioned the property to J. Lerner. That summer J. Lerner extracted an additional 218 tonnes of ore from shallow pits on the No. 1 and No. 3 veins and shipped it to the Asarco smelter in East Helena, Montana. Combined, the 1966 and 1976 shipments totalled 240.7 tonnes at an average grade of 1.0 g/t gold, 2228.5 g/t silver and 60% lead.

In 1979, A. Tottrup re-optioned the claims to Westley Mines Ltd. but there is no record of work by that company and the option was dropped after one year.

In 1981, J. Lerner staked sixteen additional claims. The entire claim block was then sold to Lougheed Resources Ltd., which cut trenches on the No. 1 Vein totalling 4134 $m^3$. These trenches were not mapped or sampled until 1982 due to an early snowstorm. The claims were held in good standing by Lougheed Resources for four years but were allowed to lapse in 1986.

In spring 1987, Walhalla Exploration Ltd. re-staked the core of the property and optioned the claims to Croesus Resources Inc., which sub-optioned part of the claim block to Red Fox Minerals Ltd. and Kelan Resources Ltd. Aurum Geological Consultants Inc. was contracted to conduct an exploration program that consisted of geological mapping, geochemical sampling, geophysical surveys and bulldozer trenching (Price, 1988). The following year, Kelan Resources and Croesus Resources completed 315.8 m of diamond drilling in 10 holes. Three of the holes tested the No. 9 Vein, which lies within claims that adjoin the Connaught project but are owned by another party (Figure 2). Another of the holes tested the No. 8 Vein and the other six holes explored beneath a magnetite skarn. Also in 1988, Red Fox Minerals drilled a total of 296.4 m in eight holes on the No. 4 Vein. Results from the drilling were not considered to be encouraging and all of the claims were allowed to lapse.

In 1998, 17363 Yukon Inc. re-staked the main showings and surrounding area. It conducted minor prospecting and geochemical sampling before contracting Equity Engineering Ltd. to perform geological mapping and geochemical sampling across the known veins and showings (Harris, 1998).

In 2005, R. Nordling staked the Mag claims to cover the No. 8 Vein and the magnetite skarn.

In spring 2006, the CN and NC claims were staked by ATAC, which immediately entered into a joint venture with Klondike Silver Corp. A property-wide helicopter borne VTEM survey was flown that summer.

In 2007, Klondike Silver preformed prospecting, geochemical sampling, excavator trenching and 556 m of diamond drilling in seven holes (Wengzynowski, 2008). Soil sampling was conducted on two grids to follow up anomalies from earlier soil geochemical and VTEM and magnetic surveys. Samples from both grids yielded positive results. Trenching led to the discovery of a new vein (Stirling Vein) and the formal recognition of another, previously identified structure (Core Shack Vein). Diamond drilling confirmed down dip continuity of mineralization at the No. 1, No. 3, and No. 4 veins. The VTEM and magnetic surveys conducted over the property yielded numerous VTEM conductors and magnetic low anomalies. Following up a VTEM conductor resulted in the discovery of the Rain Vein. None of the historically known veins have EM responses. The total field magnetic response showed a striking donut shaped magnetic anomaly in the eastern part of the property. The positive magnetic anomaly surrounding a central magnetic low has been mapped as partially underlain by hornfelsed metasediments. This evidence suggests a localized, but strong late-stage or post-magmatic hydrothermal event that may be related to calc-alkalic porphyry copper-gold systems as well as high-level porphyry-related precious metal epithermal deposits.

In fall 2007, ATAC and Klondike Silver optioned Mag claims from R. Nordling.

In 2008, ATAC and Klondike Silver continued with geochemical sampling, excavator trenching and excavator stripping of veins. Four thousand soil samples were collected in three grids, and analyzed for 34 elements, but not for gold. Prospecting and excavator trenching extended some known veins and resulted in the discovery of the AC/DC, Ice, Rain and PP veins. Forty-one trenches were excavated on 10 targets, with only 36 reaching bedrock due to permafrost. A total of 254 rock samples were analyzed. Parts of the No. 1, No. 7, No. 8, and Stirling veins were stripped in preparation for bulk sampling (Mann, 2010).

In 2009, a modest program of prospecting, geochemical sampling and excavator stripping was undertaken by Klondike Silver on behalf of the ATAC-Klondike Silver joint venture (Mann, 2010). The No. 1, No. 3, No. 8 and Stirling veins were stripped within existing excavations with the intention of improving access for future bulk sampling. Prospecting in areas of anomalous soils discovered or re-discovered several mineralized veins not previously documented, notably the 69-3 Vein from the 1969 exploration program and a northeasterly extension of the No.7 Vein. The Nordling option was terminated at the end of 2009 (Mann, 2010).

No work was performed on the property between 2009 and 2014.

In 2015, a 10 day program comprised of soil sampling, prospecting and geological mapping was conducted on the property. This program was designed to evaluate the high-level copper porphyry and gold vein potential in the eastern part of the property. Samples of altered and/or mineralized porphyry material returned encouraging results up to 36.8 g/t silver, 0.14% copper, 2.43% lead and 2.14% zinc, while prospecting up to 1000 m along strike of the No. 9 Vein returned 7.5 g/t gold, 1040 g/t silver and 15% lead (Burrell, 2016).

## GEOMORPHOLOGY

The Connaught property is situated in the northern part of the Dawson Range, about 45 km southwest of the Tintina Trench. The Dawson Range features rounded ridges and low peaks, which represent the top of an ancient peneplane that has been deeply incised by dendritic drainages. Continental ice sheets did not cover the area but there is evidence of localized alpine glaciation. The property is drained by creeks that flow into the Sixtymile River, part of the Yukon River watershed.

Local elevations range from about 800 m alongside the Sixtymile River to 1500 m atop a ridge near the centre of the claim block. Terrain is subdued with gentle to moderately steep hillsides flanking broad, rounded hilltops. Outcrop is rare and is mostly confined to ridge crests and road cuts. In areas where drilling has been done, the rocks are typically weathered to about 30 m below surface (Cholach, 1969). Soil development is good but there has been considerable solifluction on hillsides.

Vegetation varies from mature spruce and poplar forests on the floor of the Sixtymile River valley to sparse, stunted spruce and buckbrush near ridge tops. North-facing slopes are often moss covered and permanently frozen, which presents a significant obstacle to soil sampling, trenching and road construction.

The climate in the Connaught property area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Temperatures typically vary from 20 °C in summer to -35 °C in winter. The property is mostly snow free from early June to late September; however snow can fall in any month.

## GEOLOGY

Geology in the vicinity of the Connaught project was most recently mapped by Mortensen (1996) and put into broader context by Gordey and Makepeace (1999) and updated by YGS (2017).

The property lies between the Tintina and Denali faults (Figure 4) within a part of Yukon that is mostly underlain by Yukon-Tanana Terrane (YTT). That tectonic terrane is composed of continental margin sediments, island arc volcanics and coeval intrusions, which were metamorphosed and deformed during accretion to the North American continent during Mesozoic times. In the Sixtymile District, the YTT is subdivided into two stratigraphic elements (the Nasina and Klondike Schist assemblages) and a metaplutonic package (the South Fiftymile Batholith). The YTT units are intruded by undeformed Late Cretaceous plugs and stocks.

The geology in the vicinity of the Connaught project can be divided into two main domains. The southern domain which is mostly underlain by the Late Devonian (ca. 365–357 Ma) Grass Lakes Suite (DMgG) while the northern domain contains supracrustal rocks of the Upper Devonian (ca. 365–345 Ma) Finlayson Assemblage (DMF1) as shown on Figure 5. The major lithological units are briefly summarized in the following paragraphs.

The Finlayson Assemblage comprises chlorite-biotite schist, amphibolite, hornblende gneiss, actinolite-plagioclase-biotite schist, plagioclase-actinolite-chlorite schist, phyllite, quartzite and ultramafics. Locally some higher grade metamorphic equivalent rocks are also present including coarse grained, garnetiferous biotite-quartz-muscovite schist and amphibolite. Lenses of recrystallized limestone are also present east of the project. The dominant foliation in the metamorphic sequences strikes 150° and dips 30° to the northeast.

An easterly elongated klippen of Lopingian (ca. 271–251 Ma) Klondike Schist Assemblage (PK2) sits atop the Finlayson Assemblage in the west-central part of the property. This unit comprises silvery grey muscovite-chlorite quartz phyllite, micaceous quartzite, quartz-muscovite-chlorite schist, gneiss and amphibolite.

The Grass Lakes Suite is a large body of granitic orthogneiss that contains fine to medium grained, foliated granodiorite, granite and quartz monzonite. This unit was historically called the South Fiftymile Batholith, but has been amalgamated into the Grass Lakes Suite by the YGS (2017).

An east-trending string of Late Cretaceous (ca. 72–68 Ma) plugs and stocks belonging to the Prospector Mountain Suite (LKgP) intrude the Finlayson Assemblage and Grass Lakes Suite along the ridge that underlies the project area, extending eastward off the claim group. These magnetite-bearing plutons consist of fine to medium grained, equigranular hornblende-biorite granodiorite, hornblende diorite, and quartz diorite and quartz monzonite. Magnetic data demonstrates that the plugs and stocks are probably apophyses of a much larger east-trending batholith sized body. A dyke that is likely related to this suite is seen in the high wall of the No. 3 Vein pit.

The Connaught project lies along the recently identified Sixtymile-Pika fault system (Sanchez et al, 2014). This northeast-trending structure, identified from a systematic re-interpretation of regional aeromagnetic data sets from Alaska and Yukon, is thought to have focused Late Cretaceous porphyry, skarn and epithermal style mineralization at many locations along its 150 km length (Image 1). A number of local-scale, northeasterly-trending normal faults are also present in the region, probably subsidiary to the larger scale structure. Twenty major vein structures have been identified on the CN property. These veins form two sets: one striking east-northeasterly and the other north-northeasterly, probably occupy dilatant structures related to the Sixtymile-Pika Fault.

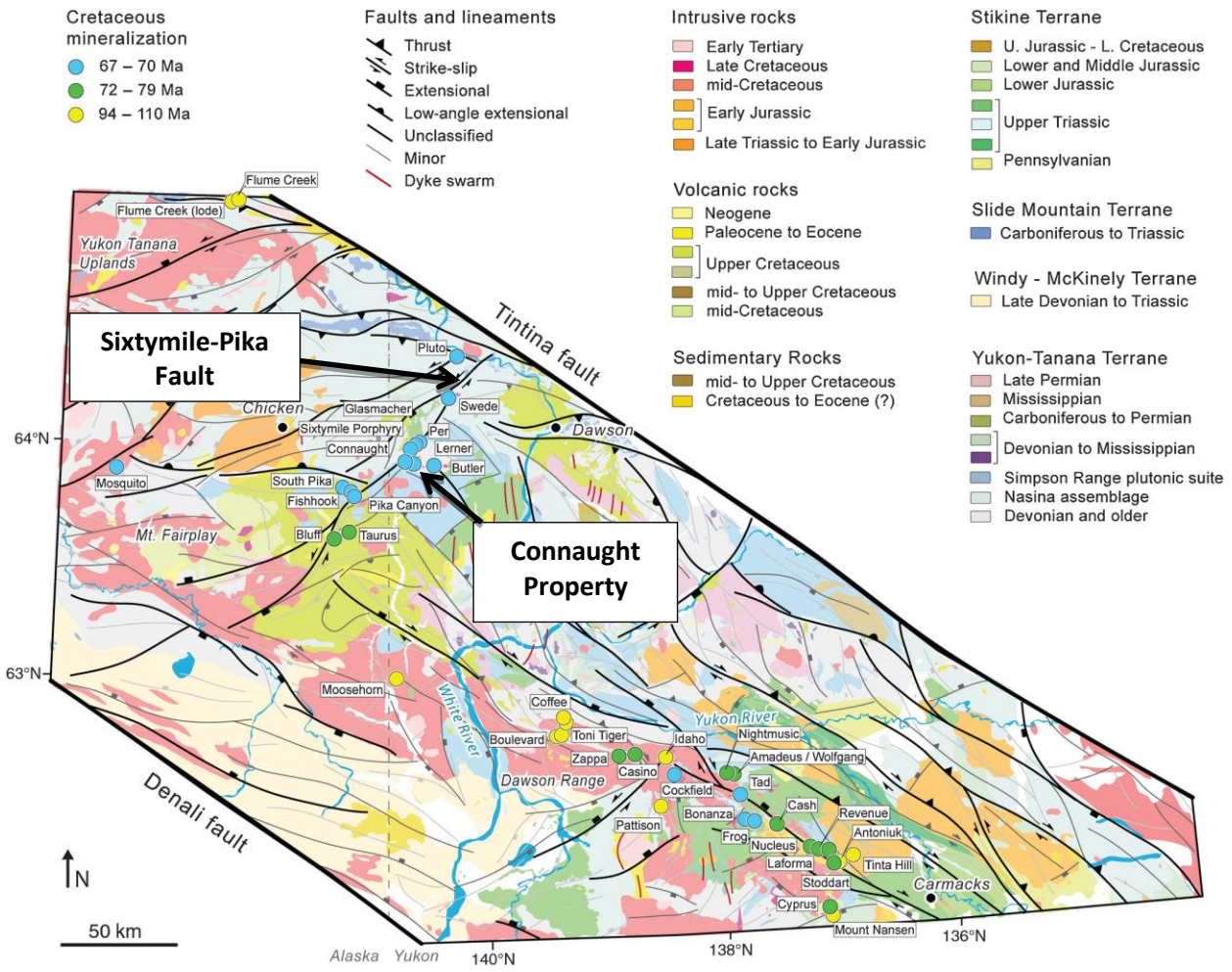


Image 1 – Regional fault systems and the spatial distribution of significant deposits and prospects of Cretaceous age (from Sanchez et al, 2014).

## PROPERTY GEOLOGY

Only cursory property-scale mapping has been completed on the Connaught property because outcrops are typically restricted to ridges, spines, road and creek cuts. Figure 6 illustrates recent property-scale mapping.

There has been little geological mapping conducted during previous exploration of the Connaught project. Recent property-scale mapping has demonstrated that the intrusive complex is much more extensive than shown on the existing maps derived from 1:50,000 mapping by Mortensen (1996). The intrusive complex consists of a granodiorite phase that is resistant to weathering and a quartz monzonite phase weathers recessively. The recessive weathering quartz monzonite phase is more common in the eastern half of the Connaught property. A third phase of highly felsic dykes, with minor graphic granite pegmatite, is also present near the eastern edge of the Connaught property. The property-scale mapping identified a nearly continuous east-trending band of granitic rocks underlying the eastern part of the Connaught property. The previous map showed a couple of nearly circular stocks with one kilometre diameters in this area.

Most of the intrusive body is present on surface as felsenmeer boulders, with very little outcrop. The new mapping is consistent with the airborne magnetic signature of the project area.

Major north- and northeast-trending faults have been mapped offsetting the intrusive complex in the eastern part of the property, which suggests that the faults may be the youngest structures (Figure 5).

## MINERALIZATION

The Connaught property lies within the Tintina Gold Belt, a mineralized belt that comprises a 200 km wide by 1200 m long arc that extends from northern British Columbia to Alaska. The project area has mostly been explored as a high-grade silver-lead ± gold vein prospect modelled after the highly productive mines in the Keno Hill District, located about 250 km to the east. Some exploration has also been directed to skarn and porphyry copper mineralization on adjoining claims further to the east. Placer gold has been mined from many creeks in the area for over 100 years.

There are about 20 veins on the Connaught property (Figure 3). These vein zones are hosted by dilatent fault structures up to several metres in thickness. Individual veins have been traced for lengths in excess of 260 m and most are open along strike and down dip. Typical vein exposures consist of multiphase quartz that is variably mineralized with blebby to massive arsenopyrite + galena ± chalcopyrite ± covellite ± stibnite ± sulphosalts. Massive galena lenses with anglesite crusts are intermittently exposed in the core of some veins. The galena is usually coarsely cubic and contains scattered blebs of chalcopyrite. Anglesite weathered surfaces often exhibit botryoidal textures and some show shear textures. The veins and adjacent selvages are usually light coloured compared to the surrounding units and are often tinted green, because of oxidization of arsenopyrite to scorodite and sericitization of mafic minerals. Bleached phyllic- and argillic-altered halos extend up to six metres into adjacent wallrocks.

The No. 1, No. 3, No. 8, Stirling and Ice veins strike 050 to 094° and dip sub-vertically to 070° to the south, while the No. 2, No. 4, No. 5, No. 6, No. 7, Core Shack, PP and AC/DC veins strike 020 to 038° and dip steeply. The AC/DC vein has a unique orientation, with a strike of 020° and steep dip. Historical data concerning individual veins are summarized in the following paragraphs, with details of channel samples presented in Eaton and Mundhenk (2009).

The **No. 1 Vein** has been delineated by 32 bulldozer trenches for roughly 200 m along strike but it is inferred to continue for an additional 1000 m based on anomalous lead-in-soil geochemistry. The surface trace is marked by a subtle linear gully that is evident intermittently along a talus covered, northwest facing slope. The host rocks are gently northeast dipping orthogneiss of the Grass Lakes Suite (formerly South Fiftymile Batholith) with narrow layers of coarse biotite-muscovite schist. The vein strikes northeast and has a sub-vertical dip.

Mineralization is dominated by pale green and yellow stained, sulphosalt-bearing quartz. This material is exposed in all trenches excavated across the vein and ranges in width from 30 cm to four metres. Four semi-massive to massive galena lenses occur in the core of the vein along a 125 m strike length, with widths ranging from zero to 30 cm.

The largest and most continuous of the galena lenses is exposed at the northeast end of the floor of the historical bulk sample pit. This lens is approximately 67 m long. The galena lens frequently

bifurcates from a single wide band into multiple narrow stringers. The best assays from this lens were 2550 g/t silver and 10.90 g/t gold. The pit from which most of the bulk sample has a seven metre tall, cracked pit wall and is currently filled with water.

The **No. 2 Vein** has been exposed for a strike length of about 90 m along a 030° trend. It exhibits steep southerly dips averaging 76°. This vein has a composition similar to the No. 1 Vein but it has stronger wallrock alteration, with a bleached halo that extends up to six metres into the footwall rocks. Much of the trenching was done in 1987, with detailed mapping and sampling (Keyser, 1988). No excavator trenching has been done across this vein in recent years.

The **No. 3 Vein** is the most northwesterly vein on the property. It has been outlined by trenching for roughly 100 m along a 067° trend. It has steep southerly dips between 70 and 79°. The best mineralization is exposed at surface along a 10 m strike length where massive galena occurs with subordinate arsenopyrite and pyrite plus traces of covellite, in a multi-episodic quartz-sericite gangue. This portion of the vein is exposed in an approximately 8.5 m deep pit from which most of the historical bulk samples were taken. A five metre long massive anglesite and galena lens that is up to 1.25 m wide can be traced along the pit floor. The mineralization is hosted within highly fractured, bleached and rusty weathering quartzite and quartz-muscovite schist, tentatively assigned to the Klondike Schist Assemblage. A narrow intermediate dyke is exposed in the pit wall.

A series of narrow galena-rich veinlets and stringers bifurcate from the main lens into the footwall strata. Some sulphosalt minerals are also disseminated in quartz-rich wallrocks adjacent to this vein. A channel sample across the No. 3 Vein returned 0.87 g/t gold, 2450 g/t silver and 48.8% lead over 1.25 m.

Prospecting approximately 90 m northeast along strike from the bulk sample pit resulted in the discovery of massive galena ± anglesite and quartz-sulphosalt mineralized float alongside two old bulldozer trenches. Excavator trenches dug in 2007 into the floors of the old trenches exposed broad intervals of multi-coloured gouge but no quartz or metallic minerals. Chip samples collected along the base of the excavator trenches returned low values for silver, lead and gold. The gouge alteration could be an unmineralized portion of the vein but could also mark a thrust fault separating the Klondike Schist Assemblage from the underlying Finlayson Assemblage. This area has been stripped in preparation for bulk sampling.

The **No. 4 Vein** lies approximately two kilometres northeast of the No. 1 Vein and is exposed for 260 m along the northwestern side of an alpine knoll. It is hosted by orange weathering hypidiomorphic medium-grained Cretaceous granodiorite locally interfingered with quartz-feldspar orthogneiss of the Grass Lakes Suite (formerly South Fiftymile Batholith). The vein strikes 035° and dips steeply south, averaging 77°. It dominantly consists of multi-episodic quartz that is variably mineralized with sulphosalts. The vein is surrounded by strong clay alteration. In 1969, operators reported an "average assay" of 624 g/t silver and 9.34% lead across 1.22 m for a series of chip samples collected along the northeastern most 152.4 m long portion of the exposure (Price, 1989). These samples include peak grades of 2451 g/t silver and 34.90% lead across 0.73 m.

In recent years, excavator trenches were cut at equal intervals along an 80 m section at the southwestern end of the No. 4 Vein exposure. Trenches tested the footwall portion of the previously defined vein, which was mostly covered by talus, and attempted to explore the

projected trace of the vein to the southwest. The trenches dug into the footwall of the vein zone discovered new mineralization in a splay off the main structure. The other trenches did not reach bedrock due to permafrost. One of the best intervals from this vein returned 1.295 g/t gold, 1550 g/t silver and 10.05% lead over 2.10 m. A chip sample from one of the new trenches yielded 0.115 g/t gold, 186 g/t silver and 2.44% lead across 1.0 m of strongly clay altered granodiorite mineralized with disseminated sulphosalts (Mann, 2010).

The **No. 5** and **6 veins** lie roughly on trend with the No. 1 Vein, about two kilometres to the northeast. Both veins are poorly exposed in old bulldozer trenches roughly 20 m apart. The No. 5 Vein trends east-northeast, and the No. 6 Vein trends east-southeast. Following this trend further northeast leads to the PP Vein.

The **No. 7 Vein** and the **Stirling Vein** are located approximately three kilometres west of the No. 4 Vein. There are several mineralized veins present in this area. The southwesterly extension of the No. 7 Vein trend was followed onto the next ridge across the creek, and was examined by trenching. This work discovered two parallel veins that yielded peak values of 0.5 g/t gold, 177 g/t silver and 2.28% lead across 1.32 m.

The southern-most trench in the No. 7 Vein area exposed a quartz-sulphosalt vein with massive galena lenses up to 55 cm wide and 23 m long, within a vein zone that is approximately 50 m long and open in all directions. The vein is hosted within competent orthogneiss and strikes between 020° and 045° with a steep dip to the west at 80°. The northern-most galena lens is open along strike to the northeast where it projects beneath an access road. Channel and rock samples taken at various points along this vein returned 0.997 g/t gold, 3150 g/t silver and 64.0% lead over 0.40 m.

Prospecting successfully identified mineralized float associated with a broad multi-element soil anomaly along the No. 7 Vein trend. Two samples collected at least 500 m northeast of the trenches returned 3.98 g/t gold, 201 g/t silver and 30% lead, and 1.71 g/t gold, 1705 g/t silver, and 12.2% lead. The No. 7 Vein trend appears to have excellent potential in this area, as the two samples were found several hundred meters apart.

The **Stirling Vein** was found by deepening an old bulldozer trench situated approximately 400 m northeast of the No. 7 Vein. The Stirling Vein is composed of sulphosalt-bearing quartz with intermittent massive galena lenses up to 47 cm wide. The vein is exposed for a strike length of 22 m in tuffaceous quartz-feldspar-biotite-muscovite schist. It strikes 094° and dips steeply south at 70°. The mineralization is open along strike. Channel sampling returned 0.67 g/t gold, 2660 g/t silver and 64.5% lead over 0.47 m. Excavator trenching along strike revealed an extension of the mineralized structure; however, the vein was relatively narrow and weakly mineralized.

The **Core Shack Vein** is exposed in old bulldozer trenches that were deepened with an excavator. This vein is one of a series of sulphosalt-bearing quartz veins that are marked by lead-in-soil geochemical anomalies in the area between the No. 1 and No. 2 veins. The excavator trenches exposed a 1.30 m wide quartz vein that is variably mineralized with yellow to green, arsenic and antimony secondary minerals, sulphosalts and minor coarse cubic galena. Chip samples collected across the vein zone returned peak values of 1.96 g/t gold, 1230 g/t silver and 15.0 % lead over 1.30 m.

The **No. 8** and **No. 9 veins** are located immediately adjacent to the Connaught property on claims owned by other operators. These veins are similar to the veins exposed on the Connaught property, but have a slightly higher silver-to-lead ratio. The No. 9 Vein also has a substantial percentage of crystalline barite within the vein. Prospecting on the Connaught property up to 1000 m along strike of the No. 9 Vein resulted in the discovery of three mineralized quartz vein occurrences. Four composite grab samples were collected and returned peak values of 7.5 g/t gold, 1040 g/t silver and 15% lead (Burrell, 2016).

The **AC/DC Vein** is located alongside the main access road, approximately 1000 m east of the No. 4 Vein. The vein subcrop is exposed in an old bulldozer trench south of the main access road, as well as in four trenches, which has delineated it for a strike length of roughly 70 m on the north side of the road. Most of the bedrock is poorly exposed. The vein is up to one metre thick and contains comb quartz with small irregular masses of sulphosalts and weak to moderate, blebby and disseminated arsenopyrite. It is hosted in grey quartz-feldspar-biotite gneiss grading to quartzite. A selected rock sample of mineralized vein assayed 0.374 g/t gold, 12 g/t silver, 2.2% lead. Additional vein float was found 100 m south of the AC/DC Vein. A sample of this float returned 1.095 g/t gold, 8.41g/t silver and low lead.

The **Ice Vein** lies about 1000 m northeast of the No. 4 Vein on a northwest facing hillside. Mineralization consists of coarse cubic galena weathering to botryoidal anglesite or dense dark red limonite containing relict galena and/or crushed quartz. Yellow-green clay gouge is also present. The Ice Vein is hosted in grey quartz-feldspar-biotite gneiss. The vein strikes 049° and dips 80° to the southeast. The vein appears to be 70 cm wide with massive galena cores ranging from 20 to 25 cm wide. Chip sampling returned peak values of 2.88 g/t gold, 406 g/t silver and 4.0% lead over 1.20 m.

The **PP Vein** is located 1200 m north-northeast of the Ice Vein on a northeast facing hillside. Vein float containing galena and anglesite was discovered during a prospecting traverse that followed up soil geochemical anomalies. Five trenches were cut to locate the source of the float. A 15 cm wide galena-rich quartz-sulphosalt vein hosted in pale yellow quartzite and grey quartz-feldspar-biotite gneiss was identified. A chip sample collected from this vein returned 0.408 g/t gold, 259 g/t silver and 3.5% lead over 2.10 m. Grab samples of anglesite weathered galena float collected from the spoil piles of trenches suggest that an unexposed vein may exist to the north.

The **Rain Vein** is situated 1600 m northeast of the No. 4 Vein. It lies northwest downslope from the main access road. Trenches were cut across two strong geochemical anomalies. The Rain Vein is well exposed in one trench and is poorly exposed in two adjacent trenches. High values obtained from rock and soil samples taken from the area suggest the vein continues to the east. The Rain Vein is composed of quartz-poor sulphide bands with antimony-arsenic sulphosalts and galena cores and pyrite, arsenopyrite and possible stibnite margins. The sulphide-rich material is hosted in bright yellow clay gouge. The galena is coarsely cubic and weathers to anglesite on rims, with scorodite stains on some faces. The Rain Vein is hosted in quartz-feldspar-biotite gneiss. Select samples of well mineralized vein yielded values up to 2.45 g/t gold, 472 g/t silver, and 12% lead.

Prospecting resulted in the re-discovery of vein subcrop in a bulldozer trench from the 1969 exploration program. The **69-3 Vein** returned values of 4.13 g/t gold, 406 g/t silver, 10.4% lead. This material was found in an area of elevated multi-element soil geochemistry. There were no

assays previously reported from this trench. The 69-3 Vein is significant because it is the only vein located on the southern side of the main ridge, which is underlain by the South Fiftymile Batholith.

The **Kitchen Vein** is located near the centre of the property under the current camp site, which was built in a bulldozer trench targeting a coincident multi-element soil geochemical anomalies identified. Mineralized float was collected within the trench and further to the east. Values up to 1.08 g/t gold, 783 g/t silver and over 20% lead were returned from the vein float.

The **69-2 Vein** is located about 400 m southeast of the Kitchen Vein and 700 m northwest of the 69-3 Vein, within a bulldozer trench dug in 1969 (Cholach, 1969). A grab sample of vein float from the trench returned 3.00 g/t gold, 1660 g/t silver and 14.2% lead. The mineralization is also elevated in antimony, bismuth and indium.

The **Ridge Vein** is located in an old bulldozer trench near the main access road, a few hundred meters from the junction between the ridge road and the road to the Sixtymile River. Samples from the trench returned 1.825 g/t gold, 182 g/t silver and 1.635% copper. Mineralized float taken about 50 m west of the trench returned 0.915 g/t gold and 111 g/t silver. This vein is also strongly anomalous for bismuth (1090 ppm), thallium (1.92 ppm), and tellurium (17.75 ppm).

The **Sandro Vein** is a re-discovery of a lead- and arsenic-rich quartz vein in a historical bulldozer trench. The vein is not exposed in outcrop, but the trench lies entirely within weathered intrusive rocks. A sample from this vein returned 5.27 g/t gold with and high silver-to-lead ratios (Mann, 2010).

The **Matt Vein** straddles the Connaught and Mag property boundary, with the visible mineralization located on the Mag claims. The surface expression of this vein occurs as a narrow string of talus with a northeasterly-trend. The vein is located in an area with abundant felsic dykes.

The **Woodpecker** and **New** showings were discovered in 2010. Single cobbles of mineralized vein float were found from surface or hand pits in these areas (Mann, 2010). No source for the mineralized float was identified.

Cursory prospecting has been done in the eastern part of the property to evaluate the copper porphyry potential. Rock samples collected near the porphyry target returned encouraging results indicative of high-level porphyry-style alteration and mineralization (Burrell, 2016). These samples returned background to strongly anomalous results for gold (up to 0.01g/t), silver (up to 36.8 g/t), copper (up 0.14%), lead (up to 2.43%) and zinc (up to 2.14%).

No rock samples were collected from the Connaught property in 2017.

## SOIL GEOCHEMISTRY

To date, approximately 35% of the Connaught property has been grid soil sampled. Tightly spaced grid soil samples are a useful exploration tool on the Connaught property. Historical and recent soil sample results have identified and delineated over 20 vein occurrences, in addition highlighting numerous other anomalies, which have not yet been followed up.

In 2017, a total of 272 soil samples were collected for analysis. Figure 12 illustrates soil sample locations, while thematic results for gold, silver, copper, lead and zinc are shown on Figures 13 to 17, respectively. Analytical work was done by ALS Minerals, with sample preparation in Whitehorse, Yukon and geochemical analysis in North Vancouver, British Columbia. All samples were analyzed for gold using fire assay fusion and inductively coupled plasma-atomic emission spectrometry (Au-ICP21) and 51 other elements by four acid digestion and inductively coupled plasma-atomic emission spectroscopy (ME-MS41). Certificates of Analysis are provided in Appendix III. Table I below lists thresholds used to describe the soil geochemical anomalies.

**Table I: Anomalous Thresholds – Soil Geochemistry**

| Element | Threshold Value | | | |
|---|---|---|---|---|
| | **Weak** | **Moderate** | **Strong** | **Peak** |
| Gold (ppb) | ≥ 10 ≤ 20 | ≥20 ≤ 50 | 50 | 200 |
| Silver (ppm) | ≥ 1 ≤ 2 | ≥ 2 ≤ 5 | 5 | 44.1 |
| Copper (ppm) | ≥ 50 ≤ 100 | ≥ 100 ≤ 200 | 200 | 3350 |
| Lead (ppm) | ≥ 20 ≤ 50 | ≥ 50 ≤ 100 | 100 | 8390 |
| Zinc (ppm) | ≥ 50 ≤ 200 | ≥ 200 ≤ 500 | 500 | 2770 |

Most of the 20 known vein occurrences have distinct soil geochemical expressions, which are oriented either east-northeasterly or north-northeasterly.

The 2017 sampling returned the largest and most continuous silver- and lead-in-soil anomaly on the property. This anomaly encompasses a 1500 by 600 m area defined by values ranging from 5 to 15.4 ppm silver and 500 to 2000 ppm lead. There are no known veins within this anomaly and therefore this area should be followed up on a high priority basis. The closest known veins are the 69-2 and 69-3 veins, which are located west and south of the soil anomaly.

Previous soil samples collected from the eastern part of the property yielded large clusters (up to 500 by 800 m) and linear trends (up to 1000 m long) of coincident anomalous soil geochemistry for elements of interest. The cluster of high values is centred on a ridge where there is likely more residual material versus samples taken farther downslope. A string of high values for gold-copper soil geochemistry located two kilometres northeast of the Rain Vein was identified in an area that had not been previously sampled.

A linear string of coincident, strongly anomalous soil values lies in the easternmost part of the property. It trends approximately 075° and follows the general orientation of the No. 9 Vein. A series of less distinct linear anomalies lie parallel to the main feature to the north and south.

## DISCUSSION AND CONCLUSIONS

The Connaught project hosts an extensive system of silver-lead-gold veins, which are located at the head of the Sixtymile placer gold camp. Mineralized veins are associated with east-northeasterly- to north-northeasterly-trending structural zones that cut all pre-Cretaceous units. The source of mineralization has not yet been determined, but it was likely deposited by a hydrothermal system related to Late Cretaceous plutonism. Porphyry copper and skarn occurrences in the area are probably associated with the same hydrothermal system.

Vein mineralogy is complex and consists of multiple episodes of quartz and sulphide emplacement. Weathering has resulted in a variety of oxide and carbonate minerals which can obscure the primary mineralization. Veins contain two main phases of mineralization: silver-lead-antimony and gold-arsenic-bismuth metal assemblages.

The previous exploration program successfully identified an area with alteration and mineralization that are indicative of a high level, copper-rich porphyry system. Additional work is definitely warranted in the eastern part of the property to continue evaluating the porphyry potential. The area with strongly anomalous soil geochemical values northwest of the magnetic low donut should be grid sampled to help vector future exploration.

Tracing the No. 9 Vein up to 1000 m along strike within the Connaught property is very encouraging and has provided another viable exploration target that warrants follow up work.

The 1500 by 600 m area of coincident lead- and silver-in-soil geochemistry represents the largest, most continuous, and unexplored anomaly on the property. Future work should include prospecting within this anomaly to try and locate a bedrock source for it.

If prospecting within coincident multi-element soil geochemical anomalies yields encouraging results consideration should be given to testing the targets with excavator trenching. Diamond drilling, rotary air blast or reverse circulation drilling. These techniques are considered to be the most cost effective tool for evaluating the soil geochemical anomalies, delineating the veins and testing the near-surface porphyry potential. Many soil anomalies remain untested and most veins are open along strike. Permafrost and deep overburden are significant impediments to effective trenching in some areas so careful planning should be done before selecting the piece of equipment. Ultimately, diamond drilling at systematic intervals along each vein structure will be required to provide structural geological data as well as locating the widest and richest sections of the veins.

Future exploration should also include detail geological mapping to delineate areas underlain by favourable host rocks such as the granitic orthogneiss of the Grass Lakes and quartzite of Finlayson Assemblage. These units are particularly prospective hosts because they are brittle, and therefore conducive to forming broad, continuous dilatent zones where rich veins could have precipitated from circulating hydrothermal fluids.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Heather Burrell

H. Burrell, B.Sc., P.Geo.

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# APPENDIX I

# STATEMENT QUALIFICATIONS

## STATEMENT OF QUALIFICATIONS

I, Heather Burrell, geologist, with business addresses in Vancouver and Squamish, British Columbia and Whitehorse, Yukon Territory and residential address in Whitehorse, British Columbia do hereby certify that:

1. I graduated from the University of British Columbia in 2006 with a B. Sc in Geological Sciences.

2. From 2004 to present, I have been actively engaged in mineral exploration in the Yukon Territory, British Columbia and Northwest Territories.

3. I am a Professional Geoscientist (P.Geo.) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 34689).

4. I supervised the field program and have interpreted all data resulting from this work.

H. Burrell, B.Sc., P.Geo.

# APPENDIX II

# STATEMENT OF EXPENDITURES

Statement of Expenditures
359 CN, NC and OM Mineral Claims
January 16, 2018

Labour

| | | |
|---|---|---|
| H. Burrell (geologist) 4 hours June to November at $111/hr | $ | 466.20 |
| J. Morton (geologist) 2 hours June to November at $85/hr | | 178.50 |
| C. Meagher (field assistant) 48 hours June to November at $57/hr | | 2,872.80 |
| L. Martin-Berry (field assistant) 56 hours June to November at $51/hr | | 2,998.80 |
| L. Corbett (expedite) 4 hours June to November at $81/hr | | 340.20 |
| L. Smith (expedite) 3 hours June to November at $81/hr | | 255.15 |
| S. Newman (office) 9.5 hours June to November at $68/hr | | 678.30 |
| V. Cournoyer-Derome (expedite) 3 hours June to November at $51/hr | | 160.65 |
| | | 7,807.86 |

Expenses (including management)

| | |
|---|---|
| Field room and board – 13.25 mandays @ $195/manday | 2,919.64 |
| ALS Chemex | 8,108.41 |
| Truck rental plus fuel | 1,076.26 |
| Report preparation est. | 2,000.00 |
| | 14,104.31 |

| | |
|---|---|
| Total | $22,054.91 |

257 samples at $22,054.91 = $85.82/sample

# APPENDIX III

# CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

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**1016- 510 W HASTINGS ST**
**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

# CERTIFICATE WH17164319

Project: Connaught

This report is for 272 Soil samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2017.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| ANDREW CARNE | JULIA LANE | 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- MS41 | Ultra Trace Aqua Regia ICP- MS | |

To: **ATAC RESOURCES LTD.**
**ATTN: JULIA LANE**
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**
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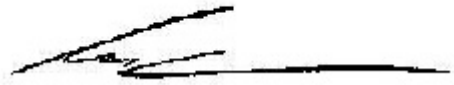
**VANCOUVER BC V6B 1L8**

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

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**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | WEI- 21 | Au- ICP21 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.001 | 0.01 | 0.01 | 0.1 | 0.02 | 10 | 10 | 0.05 | 0.01 | 0.01 | 0.01 | 0.02 | 0.1 | 1 |
| ZZ83001 | | 0.48 | 0.003 | 1.85 | 1.89 | 34.1 | <0.02 | <10 | 160 | 0.77 | 0.54 | 0.21 | 1.14 | 21.7 | 4.8 | 20 |
| ZZ83002 | | 0.38 | 0.005 | 0.91 | 2.14 | 101.0 | <0.02 | <10 | 170 | 0.84 | 1.22 | 0.28 | 0.72 | 24.2 | 5.8 | 23 |
| ZZ83003 | | 0.40 | 0.004 | 1.05 | 1.93 | 89.4 | <0.02 | <10 | 120 | 0.59 | 1.43 | 0.20 | 0.49 | 18.10 | 4.7 | 20 |
| ZZ83004 | | 0.47 | 0.003 | 1.08 | 2.66 | 77.2 | <0.02 | <10 | 180 | 0.99 | 1.65 | 0.29 | 0.77 | 27.3 | 8.4 | 28 |
| ZZ83005 | | 0.25 | 0.007 | 1.54 | 1.77 | 148.5 | <0.02 | <10 | 130 | 0.98 | 0.56 | 0.84 | 0.63 | 63.7 | 8.5 | 19 |
| ZZ83006 | | 0.51 | 0.008 | 0.89 | 1.95 | 73.0 | <0.02 | <10 | 170 | 0.87 | 0.32 | 0.39 | 0.39 | 35.6 | 9.1 | 26 |
| ZZ83007 | | 0.41 | 0.003 | 0.78 | 2.09 | 66.0 | <0.02 | <10 | 160 | 0.95 | 0.33 | 0.44 | 0.46 | 37.2 | 6.6 | 21 |
| ZZ83008 | | 0.43 | <0.001 | 0.27 | 1.90 | 75.6 | <0.02 | <10 | 140 | 0.63 | 0.45 | 0.37 | 0.97 | 32.5 | 7.6 | 19 |
| ZZ83009 | | 0.46 | 0.014 | 2.56 | 1.80 | 629 | <0.02 | <10 | 110 | 0.99 | 3.88 | 0.15 | 1.17 | 39.4 | 5.9 | 18 |
| ZZ83010 | | 0.36 | 0.003 | 0.31 | 1.81 | 124.5 | <0.02 | <10 | 90 | 0.46 | 0.34 | 0.11 | 0.44 | 19.95 | 5.9 | 21 |
| ZZ83011 | | 0.33 | 0.001 | 0.58 | 1.25 | 30.1 | <0.02 | <10 | 70 | 0.28 | 0.25 | 0.09 | 0.24 | 17.35 | 2.3 | 16 |
| ZZ83012 | | 0.32 | 0.002 | 0.51 | 1.49 | 54.9 | <0.02 | <10 | 80 | 0.37 | 0.28 | 0.15 | 0.41 | 22.0 | 5.2 | 20 |
| ZZ83013 | | 0.38 | 0.004 | 1.77 | 1.94 | 215 | <0.02 | <10 | 140 | 0.59 | 1.71 | 0.32 | 1.04 | 24.8 | 8.8 | 27 |
| ZZ83014 | | 0.50 | 0.002 | 0.98 | 2.36 | 91.5 | <0.02 | <10 | 200 | 0.75 | 0.35 | 0.49 | 0.32 | 30.9 | 8.2 | 42 |
| ZZ83015 | | 0.39 | 0.004 | 0.87 | 2.50 | 26.0 | 0.04 | <10 | 180 | 0.77 | 1.22 | 0.40 | 0.31 | 29.7 | 20.8 | 60 |
| ZZ83016 | | 0.26 | <0.001 | 0.30 | 0.37 | 7.2 | <0.02 | <10 | 30 | 0.09 | 0.13 | 0.04 | 0.12 | 8.38 | 1.2 | 6 |
| ZZ83017 | | 0.31 | 0.004 | 0.65 | 2.59 | 30.5 | <0.02 | <10 | 200 | 0.90 | 1.55 | 0.54 | 0.79 | 34.9 | 17.1 | 69 |
| ZZ83018 | | 0.39 | 0.007 | 0.66 | 2.15 | 38.2 | <0.02 | <10 | 130 | 1.03 | 1.05 | 0.43 | 0.60 | 50.9 | 16.6 | 37 |
| ZZ83019 | | 0.39 | 0.002 | 0.39 | 1.15 | 247 | <0.02 | <10 | 60 | 0.24 | 1.53 | 0.08 | 0.22 | 24.5 | 4.8 | 18 |
| ZZ83020 | | 0.39 | 0.004 | 0.35 | 3.14 | 41.6 | <0.02 | <10 | 170 | 1.53 | 0.86 | 0.52 | 0.61 | 48.7 | 17.9 | 57 |
| ZZ83021 | | 0.37 | 0.003 | 0.57 | 2.59 | 20.8 | <0.02 | <10 | 130 | 1.02 | 0.95 | 0.23 | 0.76 | 71.0 | 18.5 | 36 |
| ZZ83022 | | 0.15 | <0.001 | 0.11 | 0.53 | 3.2 | <0.02 | <10 | 40 | 0.16 | 0.13 | 0.08 | 0.20 | 16.35 | 2.6 | 11 |
| ZZ83023 | | 0.16 | <0.001 | 0.14 | 0.29 | 1.1 | <0.02 | <10 | 20 | 0.06 | 0.07 | 0.05 | 0.22 | 4.75 | 1.2 | 6 |
| ZZ83024 | | 0.21 | 0.006 | 0.62 | 2.55 | 11.4 | <0.02 | <10 | 200 | 0.96 | 0.52 | 0.56 | 1.01 | 84.9 | 14.6 | 29 |
| ZZ83025 | | 0.36 | 0.006 | 0.39 | 2.03 | 18.0 | <0.02 | <10 | 130 | 0.45 | 0.58 | 0.26 | 0.24 | 39.5 | 7.4 | 31 |
| ZZ83026 | | 0.47 | 0.006 | 0.46 | 2.07 | 35.4 | <0.02 | <10 | 150 | 0.48 | 0.45 | 0.33 | 0.29 | 30.5 | 11.8 | 35 |
| ZZ83027 | | 0.47 | 0.005 | 0.59 | 2.74 | 61.6 | <0.02 | <10 | 190 | 0.98 | 0.17 | 0.37 | 0.38 | 32.9 | 6.7 | 50 |
| ZZ83028 | | 0.34 | 0.005 | 1.05 | 1.90 | 148.0 | <0.02 | <10 | 150 | 0.38 | 0.40 | 0.24 | 0.37 | 25.3 | 5.9 | 29 |
| ZZ83029 | | 0.34 | 0.010 | 1.70 | 2.02 | 327 | <0.02 | <10 | 170 | 0.48 | 0.71 | 0.31 | 0.56 | 22.8 | 6.2 | 28 |
| ZZ83030 | | 0.42 | 0.006 | 1.28 | 1.73 | 261 | <0.02 | <10 | 140 | 0.54 | 1.72 | 0.25 | 2.00 | 29.1 | 8.0 | 30 |
| ZZ83031 | | 0.43 | 0.003 | 0.41 | 1.35 | 131.5 | <0.02 | <10 | 70 | 0.38 | 0.43 | 0.07 | 0.32 | 26.1 | 4.2 | 22 |
| ZZ83032 | | 0.55 | 0.003 | 0.24 | 3.09 | 42.3 | <0.02 | <10 | 130 | 0.80 | 0.19 | 0.14 | 0.33 | 31.5 | 7.2 | 33 |
| ZZ83033 | | 0.22 | 0.010 | 4.63 | 1.84 | 311 | <0.02 | <10 | 160 | 0.92 | 0.85 | 0.50 | 1.39 | 42.8 | 52.8 | 17 |
| ZZ83034 | | 0.55 | 0.004 | 0.54 | 2.18 | 68.4 | <0.02 | <10 | 190 | 1.10 | 0.39 | 0.67 | 0.63 | 40.2 | 8.8 | 17 |
| ZZ83035 | | 0.49 | 0.009 | 1.94 | 1.86 | 82.8 | <0.02 | <10 | 120 | 0.91 | 0.51 | 0.31 | 0.43 | 28.6 | 5.2 | 22 |
| ZZ83036 | | 0.48 | 0.018 | 1.46 | 1.77 | 181.0 | <0.02 | <10 | 120 | 0.73 | 1.18 | 0.26 | 0.72 | 25.3 | 5.7 | 19 |
| ZZ83037 | | 0.49 | 0.002 | 0.84 | 1.69 | 102.5 | <0.02 | <10 | 100 | 0.60 | 0.39 | 0.50 | 0.58 | 38.3 | 4.7 | 14 |
| ZZ83038 | | 0.26 | 0.002 | 0.47 | 1.98 | 94.7 | <0.02 | <10 | 210 | 0.73 | 0.77 | 0.35 | 0.45 | 28.9 | 10.2 | 25 |
| ZZ83039 | | 0.46 | 0.002 | 1.02 | 1.98 | 73.0 | <0.02 | <10 | 140 | 0.66 | 1.02 | 0.35 | 0.33 | 28.0 | 5.3 | 19 |
| ZZ83040 | | 0.56 | <0.001 | 0.37 | 1.88 | 46.1 | <0.02 | <10 | 170 | 0.55 | 0.76 | 0.34 | 0.26 | 27.5 | 5.6 | 20 |

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

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**1016- 510 W HASTINGS ST**
**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo | Na |
| | Units | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % |
| | LOR | 0.05 | 0.2 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.2 | 0.1 | 0.01 | 5 | 0.05 | 0.01 |
| ZZ83001 | | 2.05 | 27.3 | 2.01 | 8.26 | 0.11 | <0.02 | 0.06 | 0.029 | 0.06 | 14.0 | 11.3 | 0.28 | 228 | 2.02 | 0.02 |
| ZZ83002 | | 3.63 | 23.6 | 2.36 | 8.93 | 0.12 | <0.02 | 0.05 | 0.035 | 0.07 | 15.5 | 15.6 | 0.39 | 284 | 3.33 | 0.02 |
| ZZ83003 | | 3.21 | 18.9 | 2.10 | 7.76 | 0.11 | <0.02 | 0.05 | 0.031 | 0.06 | 10.9 | 13.6 | 0.35 | 192 | 2.54 | 0.02 |
| ZZ83004 | | 2.96 | 26.4 | 3.10 | 9.29 | 0.12 | 0.02 | 0.05 | 0.047 | 0.07 | 16.6 | 19.9 | 0.47 | 463 | 2.65 | 0.02 |
| ZZ83005 | | 3.62 | 39.2 | 4.68 | 8.89 | 0.17 | <0.02 | 0.03 | 0.049 | 0.08 | 40.6 | 19.5 | 0.47 | 488 | 4.15 | 0.02 |
| ZZ83006 | | 2.17 | 35.4 | 3.70 | 8.03 | 0.14 | 0.02 | 0.03 | 0.032 | 0.06 | 20.3 | 15.5 | 0.46 | 428 | 1.64 | 0.02 |
| ZZ83007 | | 3.25 | 28.0 | 2.85 | 8.76 | 0.13 | <0.02 | 0.03 | 0.033 | 0.07 | 21.2 | 15.4 | 0.43 | 267 | 1.39 | 0.02 |
| ZZ83008 | | 2.68 | 26.6 | 2.90 | 8.95 | 0.13 | 0.02 | 0.03 | 0.029 | 0.07 | 19.3 | 15.5 | 0.38 | 644 | 2.90 | 0.02 |
| ZZ83009 | | 2.23 | 45.4 | 4.06 | 8.12 | 0.14 | <0.02 | 0.03 | 0.084 | 0.14 | 22.9 | 12.8 | 0.34 | 712 | 2.70 | 0.02 |
| ZZ83010 | | 1.42 | 16.9 | 2.55 | 6.59 | 0.10 | <0.02 | 0.03 | 0.039 | 0.05 | 10.9 | 12.2 | 0.32 | 293 | 1.10 | 0.02 |
| ZZ83011 | | 1.10 | 14.9 | 1.59 | 6.36 | 0.12 | <0.02 | 0.03 | 0.019 | 0.04 | 10.6 | 5.1 | 0.14 | 91 | 1.10 | 0.02 |
| ZZ83012 | | 1.25 | 16.2 | 2.22 | 6.85 | 0.12 | <0.02 | 0.04 | 0.026 | 0.05 | 12.2 | 10.0 | 0.27 | 229 | 1.28 | 0.02 |
| ZZ83013 | | 2.26 | 35.2 | 2.78 | 7.53 | 0.13 | <0.02 | 0.04 | 0.075 | 0.08 | 13.9 | 14.8 | 0.47 | 721 | 3.19 | 0.02 |
| ZZ83014 | | 2.18 | 26.8 | 2.67 | 8.86 | 0.13 | <0.02 | 0.03 | 0.041 | 0.16 | 16.9 | 18.8 | 0.66 | 352 | 3.44 | 0.02 |
| ZZ83015 | | 3.27 | 29.0 | 2.90 | 10.00 | 0.14 | <0.02 | 0.05 | 0.067 | 0.16 | 15.8 | 21.3 | 0.88 | 619 | 1.13 | 0.02 |
| ZZ83016 | | 0.67 | 6.0 | 0.61 | 2.61 | 0.11 | <0.02 | 0.03 | 0.008 | 0.04 | 4.2 | 1.0 | 0.04 | 30 | 0.43 | 0.02 |
| ZZ83017 | | 3.46 | 39.4 | 2.91 | 10.45 | 0.15 | 0.02 | 0.03 | 0.053 | 0.25 | 18.1 | 22.4 | 1.06 | 493 | 0.96 | 0.02 |
| ZZ83018 | | 3.92 | 36.2 | 2.88 | 7.76 | 0.15 | <0.02 | 0.04 | 0.038 | 0.20 | 24.3 | 23.7 | 0.59 | 426 | 1.26 | 0.02 |
| ZZ83019 | | 2.07 | 14.7 | 2.36 | 7.33 | 0.12 | <0.02 | 0.03 | 0.032 | 0.10 | 12.2 | 7.8 | 0.22 | 289 | 1.11 | 0.02 |
| ZZ83020 | | 5.05 | 44.7 | 3.78 | 10.90 | 0.16 | 0.02 | 0.05 | 0.040 | 0.42 | 24.0 | 27.1 | 0.90 | 401 | 0.96 | 0.02 |
| ZZ83021 | | 4.59 | 42.2 | 3.71 | 8.60 | 0.11 | 0.02 | 0.07 | 0.058 | 0.27 | 33.8 | 24.2 | 0.61 | 428 | 1.45 | 0.01 |
| ZZ83022 | | 1.02 | 9.0 | 0.97 | 2.83 | <0.05 | <0.02 | 0.06 | 0.012 | 0.06 | 7.2 | 2.8 | 0.10 | 62 | 0.60 | 0.01 |
| ZZ83023 | | 0.33 | 5.4 | 0.53 | 1.86 | <0.05 | <0.02 | 0.05 | 0.005 | 0.03 | 2.3 | 0.7 | 0.03 | 34 | 0.35 | 0.01 |
| ZZ83024 | | 3.56 | 45.0 | 2.58 | 7.95 | 0.16 | 0.02 | 0.05 | 0.033 | 0.20 | 51.9 | 21.2 | 0.50 | 400 | 0.93 | 0.01 |
| ZZ83025 | | 2.67 | 29.0 | 2.59 | 7.19 | 0.07 | 0.02 | 0.03 | 0.036 | 0.16 | 21.4 | 17.6 | 0.59 | 162 | 0.95 | 0.01 |
| ZZ83026 | | 2.04 | 21.3 | 2.73 | 7.58 | 0.06 | <0.02 | 0.04 | 0.033 | 0.13 | 16.4 | 16.4 | 0.64 | 568 | 1.98 | 0.01 |
| ZZ83027 | | 3.32 | 25.8 | 3.17 | 10.65 | 0.08 | 0.02 | 0.03 | 0.041 | 0.32 | 16.4 | 20.0 | 0.74 | 321 | 1.42 | 0.01 |
| ZZ83028 | | 1.82 | 23.0 | 2.52 | 6.83 | 0.05 | <0.02 | 0.04 | 0.045 | 0.07 | 13.4 | 15.0 | 0.47 | 275 | 2.07 | 0.01 |
| ZZ83029 | | 2.19 | 31.8 | 2.87 | 7.21 | 0.05 | <0.02 | 0.04 | 0.065 | 0.06 | 12.3 | 16.6 | 0.51 | 441 | 3.84 | 0.01 |
| ZZ83030 | | 2.34 | 40.4 | 3.15 | 6.32 | 0.05 | <0.02 | 0.04 | 0.108 | 0.10 | 15.4 | 16.7 | 0.56 | 839 | 2.11 | <0.01 |
| ZZ83031 | | 2.59 | 22.0 | 2.99 | 10.35 | 0.05 | <0.02 | 0.01 | 0.034 | 0.10 | 14.1 | 6.2 | 0.24 | 209 | 2.28 | <0.01 |
| ZZ83032 | | 2.61 | 21.5 | 3.66 | 8.83 | 0.06 | 0.11 | 0.03 | 0.049 | 0.21 | 14.4 | 19.7 | 0.51 | 352 | 1.11 | 0.01 |
| ZZ83033 | | 3.10 | 45.4 | 3.15 | 7.25 | 0.05 | <0.02 | 0.08 | 0.067 | 0.06 | 18.0 | 11.3 | 0.36 | 6730 | 10.40 | 0.01 |
| ZZ83034 | | 7.30 | 27.8 | 3.32 | 9.03 | 0.08 | 0.02 | 0.02 | 0.039 | 0.14 | 22.0 | 16.4 | 0.50 | 587 | 1.59 | 0.01 |
| ZZ83035 | | 2.62 | 37.3 | 2.69 | 7.20 | 0.06 | <0.02 | 0.05 | 0.038 | 0.05 | 16.6 | 14.0 | 0.40 | 262 | 2.11 | 0.01 |
| ZZ83036 | | 1.60 | 58.0 | 2.52 | 6.51 | <0.05 | <0.02 | 0.04 | 0.052 | 0.05 | 14.6 | 11.6 | 0.35 | 431 | 3.80 | 0.01 |
| ZZ83037 | | 3.44 | 41.2 | 2.29 | 6.97 | 0.07 | <0.02 | 0.02 | 0.041 | 0.08 | 24.0 | 13.0 | 0.38 | 276 | 2.22 | 0.01 |
| ZZ83038 | | 3.64 | 20.0 | 2.45 | 6.57 | 0.06 | <0.02 | 0.04 | 0.027 | 0.06 | 15.4 | 21.1 | 0.54 | 679 | 6.21 | 0.01 |
| ZZ83039 | | 3.86 | 20.5 | 2.42 | 6.95 | 0.05 | <0.02 | 0.03 | 0.037 | 0.06 | 17.1 | 15.6 | 0.46 | 275 | 2.95 | 0.01 |
| ZZ83040 | | 5.69 | 17.3 | 2.42 | 7.13 | 0.06 | <0.02 | 0.04 | 0.022 | 0.08 | 16.4 | 14.5 | 0.48 | 340 | 1.59 | 0.01 |

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

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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th |
| | Units | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.05 | 0.2 | 10 | 0.2 | 0.1 | 0.001 | 0.01 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 | 0.01 | 0.2 |
| ZZ83001 | | 1.00 | 11.4 | 520 | 224 | 16.3 | <0.001 | 0.01 | 1.24 | 2.3 | 0.4 | 0.6 | 39.4 | <0.01 | 0.02 | 1.7 |
| ZZ83002 | | 1.14 | 14.5 | 630 | 163.0 | 21.2 | <0.001 | 0.03 | 1.36 | 2.6 | 0.8 | 0.6 | 67.5 | <0.01 | 0.04 | 2.4 |
| ZZ83003 | | 1.26 | 12.2 | 440 | 148.0 | 17.3 | <0.001 | 0.02 | 1.21 | 2.5 | 0.6 | 0.5 | 49.0 | <0.01 | 0.02 | 5.0 |
| ZZ83004 | | 1.62 | 15.8 | 730 | 157.0 | 18.5 | <0.001 | 0.02 | 1.07 | 3.4 | 0.6 | 0.5 | 63.8 | <0.01 | 0.04 | 9.1 |
| ZZ83005 | | 1.01 | 9.3 | 1810 | 228 | 17.7 | <0.001 | 0.03 | 1.56 | 3.4 | 0.4 | 0.6 | 130.0 | <0.01 | 0.02 | 14.7 |
| ZZ83006 | | 1.17 | 16.7 | 870 | 140.0 | 11.1 | <0.001 | 0.01 | 1.04 | 3.7 | 0.5 | 0.5 | 52.9 | <0.01 | 0.01 | 6.4 |
| ZZ83007 | | 1.44 | 13.5 | 910 | 123.5 | 12.4 | <0.001 | 0.03 | 0.95 | 3.0 | 0.7 | 0.6 | 80.7 | 0.01 | 0.02 | 3.3 |
| ZZ83008 | | 1.55 | 12.3 | 1030 | 79.8 | 12.4 | <0.001 | 0.02 | 0.77 | 2.6 | 0.4 | 0.6 | 128.0 | <0.01 | 0.05 | 6.8 |
| ZZ83009 | | 1.43 | 11.1 | 470 | 623 | 24.5 | <0.001 | 0.10 | 5.28 | 2.9 | 0.6 | 1.0 | 33.3 | <0.01 | 0.05 | 5.2 |
| ZZ83010 | | 1.50 | 12.1 | 420 | 275 | 10.9 | <0.001 | 0.02 | 1.23 | 2.4 | 0.7 | 0.7 | 17.5 | <0.01 | 0.02 | 1.8 |
| ZZ83011 | | 0.79 | 6.3 | 530 | 75.6 | 8.7 | <0.001 | 0.02 | 0.70 | 1.0 | 0.6 | 0.5 | 15.5 | <0.01 | 0.03 | 0.2 |
| ZZ83012 | | 1.12 | 11.1 | 490 | 120.5 | 11.3 | <0.001 | 0.01 | 0.74 | 1.9 | 0.5 | 0.5 | 19.4 | <0.01 | 0.02 | 1.6 |
| ZZ83013 | | 1.37 | 14.8 | 770 | 355 | 18.8 | <0.001 | 0.04 | 1.61 | 3.1 | 0.4 | 0.7 | 49.7 | <0.01 | 0.04 | 2.5 |
| ZZ83014 | | 2.19 | 21.8 | 650 | 186.5 | 21.8 | 0.001 | 0.02 | 1.04 | 5.1 | 0.8 | 0.9 | 51.0 | 0.01 | 0.03 | 4.0 |
| ZZ83015 | | 2.12 | 35.9 | 600 | 55.0 | 24.4 | <0.001 | 0.04 | 0.33 | 4.8 | 0.7 | 0.9 | 40.6 | 0.01 | 0.07 | 2.6 |
| ZZ83016 | | 0.34 | 2.8 | 320 | 11.5 | 3.6 | <0.001 | 0.03 | 0.30 | 0.3 | 0.2 | 0.3 | 10.0 | <0.01 | 0.02 | <0.2 |
| ZZ83017 | | 2.51 | 41.5 | 620 | 50.3 | 28.2 | <0.001 | 0.05 | 0.35 | 5.3 | 0.7 | 1.0 | 50.7 | 0.01 | 0.10 | 2.9 |
| ZZ83018 | | 1.68 | 36.5 | 630 | 44.6 | 26.0 | <0.001 | 0.05 | 0.47 | 3.7 | 0.9 | 0.8 | 52.2 | 0.01 | 0.08 | 3.5 |
| ZZ83019 | | 1.35 | 10.6 | 390 | 56.5 | 13.8 | <0.001 | 0.05 | 1.19 | 1.3 | 0.4 | 1.7 | 16.9 | <0.01 | 0.04 | 1.0 |
| ZZ83020 | | 2.77 | 46.2 | 700 | 38.3 | 46.2 | <0.001 | 0.06 | 0.57 | 5.5 | 0.9 | 0.9 | 72.6 | 0.02 | 0.07 | 5.7 |
| ZZ83021 | | 2.32 | 32.0 | 660 | 65.1 | 37.9 | 0.001 | 0.06 | 0.45 | 4.3 | 1.1 | 0.8 | 38.2 | 0.01 | 0.05 | 7.6 |
| ZZ83022 | | 0.43 | 6.8 | 420 | 7.0 | 6.7 | 0.001 | 0.04 | 0.35 | 0.5 | 0.2 | 0.3 | 16.3 | <0.01 | 0.03 | <0.2 |
| ZZ83023 | | 0.21 | 2.8 | 320 | 3.2 | 2.3 | <0.001 | 0.03 | 0.16 | 0.2 | <0.2 | 0.2 | 8.9 | <0.01 | 0.02 | <0.2 |
| ZZ83024 | | 2.08 | 33.2 | 730 | 44.5 | 27.8 | <0.001 | 0.06 | 0.51 | 3.9 | 1.4 | 0.9 | 81.4 | 0.01 | 0.06 | 4.0 |
| ZZ83025 | | 1.96 | 22.2 | 520 | 32.6 | 23.5 | <0.001 | 0.03 | 0.30 | 3.8 | 0.7 | 1.2 | 41.2 | 0.01 | 0.07 | 4.2 |
| ZZ83026 | | 1.60 | 21.3 | 710 | 70.0 | 20.0 | <0.001 | 0.03 | 0.56 | 3.7 | 0.5 | 0.8 | 43.5 | <0.01 | 0.04 | 2.8 |
| ZZ83027 | | 4.49 | 24.2 | 530 | 166.5 | 32.6 | <0.001 | 0.01 | 0.84 | 7.0 | 0.6 | 1.3 | 46.6 | 0.01 | 0.04 | 9.8 |
| ZZ83028 | | 1.27 | 15.5 | 570 | 188.0 | 16.5 | <0.001 | 0.02 | 1.18 | 2.9 | 0.6 | 0.6 | 31.4 | <0.01 | 0.03 | 1.8 |
| ZZ83029 | | 1.34 | 14.9 | 700 | 249 | 15.3 | <0.001 | 0.03 | 1.27 | 3.0 | 0.4 | 0.7 | 48.6 | <0.01 | 0.03 | 2.3 |
| ZZ83030 | | 1.31 | 19.8 | 680 | 412 | 17.0 | <0.001 | 0.02 | 1.82 | 3.3 | 0.6 | 0.7 | 33.9 | <0.01 | 0.04 | 3.6 |
| ZZ83031 | | 2.30 | 8.4 | 330 | 114.0 | 18.2 | <0.001 | 0.01 | 1.55 | 2.1 | 0.2 | 0.8 | 19.9 | <0.01 | 0.04 | 4.2 |
| ZZ83032 | | 4.77 | 14.3 | 490 | 104.0 | 26.6 | <0.001 | 0.01 | 0.79 | 6.2 | 0.7 | 1.2 | 25.1 | 0.01 | 0.04 | 10.3 |
| ZZ83033 | | 0.95 | 9.5 | 1120 | 1410 | 14.4 | <0.001 | 0.07 | 2.03 | 2.2 | 0.8 | 0.4 | 96.9 | <0.01 | 0.03 | 4.1 |
| ZZ83034 | | 2.23 | 9.9 | 900 | 168.0 | 19.6 | <0.001 | 0.01 | 1.03 | 3.9 | 0.5 | 0.6 | 134.0 | <0.01 | 0.02 | 8.8 |
| ZZ83035 | | 0.92 | 11.8 | 800 | 393 | 13.5 | <0.001 | 0.01 | 1.47 | 2.5 | 0.5 | 0.5 | 47.9 | <0.01 | 0.02 | 4.1 |
| ZZ83036 | | 0.68 | 10.0 | 640 | 343 | 11.8 | <0.001 | 0.01 | 2.37 | 1.9 | 0.5 | 0.5 | 59.6 | <0.01 | 0.02 | 2.8 |
| ZZ83037 | | 0.86 | 7.2 | 1240 | 173.0 | 18.0 | <0.001 | 0.02 | 1.30 | 1.9 | 0.2 | 0.4 | 97.5 | <0.01 | 0.03 | 6.8 |
| ZZ83038 | | 1.17 | 14.1 | 650 | 60.2 | 16.6 | <0.001 | 0.04 | 0.79 | 2.2 | 0.4 | 0.7 | 56.2 | <0.01 | 0.03 | 1.7 |
| ZZ83039 | | 1.25 | 10.6 | 830 | 203 | 12.3 | <0.001 | 0.02 | 1.56 | 2.1 | 0.5 | 0.5 | 58.5 | <0.01 | 0.03 | 3.5 |
| ZZ83040 | | 1.27 | 13.5 | 730 | 44.2 | 13.5 | <0.001 | 0.02 | 0.60 | 1.8 | 0.5 | 0.6 | 57.7 | <0.01 | 0.02 | 1.8 |

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

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**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Ti | Tl | U | V | W | Y | Zn | Zr |
| | Units | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.005 | 0.02 | 0.05 | 1 | 0.05 | 0.05 | 2 | 0.5 |
| ZZ83001 | | 0.064 | 0.12 | 3.32 | 49 | 0.28 | 4.25 | 90 | 0.5 |
| ZZ83002 | | 0.066 | 0.16 | 4.25 | 55 | 0.40 | 4.77 | 125 | 0.5 |
| ZZ83003 | | 0.074 | 0.14 | 2.73 | 48 | 0.39 | 3.05 | 123 | 0.6 |
| ZZ83004 | | 0.097 | 0.16 | 5.81 | 67 | 0.44 | 4.71 | 167 | 1.0 |
| ZZ83005 | | 0.065 | 0.15 | 8.15 | 112 | 1.58 | 9.55 | 130 | <0.5 |
| ZZ83006 | | 0.098 | 0.12 | 6.08 | 88 | 0.61 | 6.72 | 91 | 0.8 |
| ZZ83007 | | 0.087 | 0.13 | 3.53 | 65 | 1.26 | 6.74 | 87 | 0.6 |
| ZZ83008 | | 0.095 | 0.09 | 3.12 | 68 | 0.62 | 3.97 | 132 | 0.7 |
| ZZ83009 | | 0.044 | 0.25 | 3.41 | 44 | 0.31 | 6.42 | 275 | <0.5 |
| ZZ83010 | | 0.059 | 0.14 | 1.09 | 49 | 0.95 | 3.33 | 86 | <0.5 |
| ZZ83011 | | 0.055 | 0.10 | 0.88 | 40 | 0.46 | 2.08 | 34 | <0.5 |
| ZZ83012 | | 0.067 | 0.10 | 1.00 | 54 | 0.96 | 2.93 | 58 | 0.6 |
| ZZ83013 | | 0.075 | 0.15 | 3.76 | 66 | 1.81 | 4.62 | 233 | <0.5 |
| ZZ83014 | | 0.122 | 0.21 | 2.64 | 66 | 0.41 | 6.48 | 129 | 0.5 |
| ZZ83015 | | 0.131 | 0.29 | 1.80 | 66 | 0.18 | 5.79 | 139 | 0.6 |
| ZZ83016 | | 0.030 | 0.06 | 0.39 | 19 | 0.07 | 0.80 | 16 | <0.5 |
| ZZ83017 | | 0.144 | 0.31 | 1.81 | 68 | 0.18 | 7.40 | 139 | 0.7 |
| ZZ83018 | | 0.089 | 0.26 | 2.65 | 48 | 0.20 | 12.00 | 134 | 0.5 |
| ZZ83019 | | 0.076 | 0.17 | 0.77 | 48 | 0.15 | 2.30 | 72 | 0.6 |
| ZZ83020 | | 0.150 | 0.42 | 2.65 | 67 | 0.20 | 7.64 | 131 | 0.7 |
| ZZ83021 | | 0.103 | 0.36 | 3.41 | 55 | 0.20 | 11.65 | 179 | 0.8 |
| ZZ83022 | | 0.038 | 0.08 | 0.70 | 22 | 0.07 | 1.56 | 31 | <0.5 |
| ZZ83023 | | 0.024 | 0.04 | 0.32 | 15 | <0.05 | 0.59 | 12 | <0.5 |
| ZZ83024 | | 0.082 | 0.25 | 3.24 | 37 | 0.19 | 25.4 | 129 | 0.6 |
| ZZ83025 | | 0.092 | 0.24 | 1.61 | 41 | 0.12 | 6.79 | 104 | 0.6 |
| ZZ83026 | | 0.094 | 0.21 | 1.60 | 61 | 0.24 | 6.35 | 102 | <0.5 |
| ZZ83027 | | 0.180 | 0.28 | 2.11 | 69 | 3.00 | 7.83 | 122 | 1.0 |
| ZZ83028 | | 0.068 | 0.18 | 2.23 | 61 | 1.41 | 4.20 | 135 | <0.5 |
| ZZ83029 | | 0.069 | 0.17 | 3.15 | 65 | 1.10 | 4.25 | 203 | <0.5 |
| ZZ83030 | | 0.074 | 0.16 | 2.62 | 74 | 1.02 | 5.50 | 471 | <0.5 |
| ZZ83031 | | 0.083 | 0.21 | 1.30 | 90 | 3.83 | 3.16 | 84 | <0.5 |
| ZZ83032 | | 0.125 | 0.23 | 1.38 | 60 | 1.16 | 7.20 | 123 | 4.1 |
| ZZ83033 | | 0.052 | 0.18 | 7.77 | 68 | 0.83 | 5.45 | 142 | <0.5 |
| ZZ83034 | | 0.117 | 0.16 | 3.48 | 79 | 1.88 | 8.52 | 100 | 0.8 |
| ZZ83035 | | 0.068 | 0.14 | 4.95 | 62 | 1.89 | 4.52 | 98 | <0.5 |
| ZZ83036 | | 0.048 | 0.14 | 5.13 | 55 | 0.48 | 4.43 | 135 | <0.5 |
| ZZ83037 | | 0.064 | 0.14 | 4.19 | 54 | 2.02 | 4.74 | 152 | <0.5 |
| ZZ83038 | | 0.065 | 0.18 | 3.87 | 52 | 0.62 | 5.53 | 110 | <0.5 |
| ZZ83039 | | 0.068 | 0.15 | 2.06 | 53 | 0.80 | 3.85 | 134 | <0.5 |
| ZZ83040 | | 0.068 | 0.15 | 1.61 | 52 | 0.32 | 3.97 | 80 | <0.5 |

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

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# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | WEI- 21 | Au- ICP21 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.001 | 0.01 | 0.01 | 0.1 | 0.02 | 10 | 10 | 0.05 | 0.01 | 0.01 | 0.01 | 0.02 | 0.1 | 1 |
| ZZ83041 | | 0.52 | 0.001 | 0.52 | 1.62 | 83.1 | <0.02 | <10 | 150 | 0.43 | 0.74 | 0.32 | 0.40 | 26.4 | 6.4 | 21 |
| ZZ83042 | | 0.32 | 0.004 | 2.50 | 2.08 | 164.0 | <0.02 | <10 | 180 | 0.73 | 0.92 | 0.55 | 0.64 | 28.8 | 5.2 | 17 |
| ZZ83043 | | 0.44 | 0.003 | 1.93 | 1.42 | 91.5 | <0.02 | <10 | 90 | 0.99 | 0.81 | 0.40 | 0.86 | 26.3 | 3.9 | 13 |
| ZZ83044 | | 0.42 | 0.003 | 3.75 | 1.82 | 136.0 | <0.02 | <10 | 100 | 0.48 | 0.87 | 0.47 | 0.88 | 34.1 | 5.7 | 14 |
| ZZ83045 | | 0.51 | 0.002 | 0.72 | 1.70 | 70.7 | <0.02 | <10 | 120 | 0.74 | 0.36 | 0.31 | 0.72 | 29.3 | 6.0 | 18 |
| ZZ83046 | | 0.20 | <0.001 | 0.18 | 0.91 | 4.6 | <0.02 | 10 | 160 | 0.46 | 0.10 | 3.32 | 0.42 | 11.65 | 4.4 | 12 |
| ZZ83047 | | 0.20 | <0.001 | 0.12 | 1.15 | 3.5 | <0.02 | <10 | 200 | 0.34 | 0.11 | 1.26 | 0.43 | 11.90 | 5.4 | 15 |
| ZZ83048 | | 0.51 | 0.001 | 0.10 | 1.79 | 5.8 | <0.02 | <10 | 170 | 0.53 | 0.13 | 0.89 | 0.18 | 21.6 | 7.8 | 26 |
| ZZ83049 | | 0.30 | 0.001 | 0.11 | 1.72 | 4.9 | <0.02 | <10 | 160 | 0.60 | 0.12 | 0.64 | 0.13 | 16.25 | 6.6 | 23 |
| ZZ83050 | | 0.28 | <0.001 | 0.09 | 1.59 | 4.3 | <0.02 | <10 | 150 | 0.52 | 0.10 | 0.69 | 0.23 | 18.25 | 8.0 | 19 |
| ZZ83051 | | 0.25 | 0.001 | 0.14 | 1.32 | 3.5 | <0.02 | <10 | 130 | 0.52 | 0.10 | 0.56 | 0.19 | 15.00 | 4.9 | 15 |
| ZZ83052 | | 0.28 | 0.002 | 0.21 | 2.12 | 5.9 | <0.02 | <10 | 140 | 0.53 | 0.18 | 0.34 | 0.15 | 16.90 | 5.4 | 28 |
| ZZ83053 | | 0.21 | 0.001 | 0.28 | 0.76 | 2.8 | <0.02 | <10 | 80 | 0.34 | 0.14 | 0.28 | 0.19 | 9.93 | 2.6 | 10 |
| ZZ83054 | | 0.30 | <0.001 | 0.18 | 2.33 | 6.2 | <0.02 | <10 | 240 | 0.89 | 0.16 | 0.76 | 0.20 | 19.35 | 8.2 | 27 |
| ZZ83055 | | 0.45 | 0.002 | 0.09 | 1.92 | 6.5 | <0.02 | <10 | 180 | 0.61 | 0.12 | 0.52 | 0.19 | 19.70 | 8.5 | 24 |
| ZZ83056 | | 0.25 | 0.005 | 0.18 | 1.84 | 6.5 | <0.02 | <10 | 170 | 0.80 | 0.13 | 1.67 | 0.44 | 17.25 | 7.1 | 21 |
| ZZ83057 | | 0.33 | 0.003 | 0.08 | 2.34 | 6.4 | <0.02 | <10 | 260 | 0.78 | 0.14 | 0.74 | 0.22 | 16.10 | 9.8 | 27 |
| ZZ83058 | | 0.29 | 0.003 | 0.11 | 1.90 | 5.0 | <0.02 | <10 | 110 | 0.32 | 0.11 | 0.20 | 0.22 | 16.00 | 8.2 | 23 |
| ZZ83059 | | 0.45 | 0.002 | 0.06 | 2.21 | 8.3 | <0.02 | <10 | 110 | 0.46 | 0.14 | 0.21 | 0.17 | 21.2 | 9.4 | 27 |
| ZZ83060 | | 0.21 | <0.001 | 0.09 | 1.25 | 3.8 | <0.02 | <10 | 80 | 0.18 | 0.09 | 0.17 | 0.15 | 9.39 | 5.2 | 15 |
| ZZ83061 | | 0.37 | <0.001 | 0.06 | 1.94 | 7.0 | <0.02 | <10 | 150 | 0.43 | 0.15 | 0.17 | 0.20 | 17.90 | 6.8 | 23 |
| ZZ83062 | | 0.33 | 0.002 | 0.13 | 2.01 | 9.1 | <0.02 | <10 | 230 | 0.60 | 0.17 | 0.49 | 0.17 | 18.85 | 9.6 | 26 |
| ZZ83063 | | 0.37 | 0.001 | 0.10 | 2.64 | 9.9 | <0.02 | <10 | 150 | 0.67 | 0.19 | 0.18 | 0.37 | 20.1 | 7.9 | 30 |
| ZZ83064 | | 0.23 | <0.001 | 0.13 | 0.91 | 3.7 | <0.02 | <10 | 50 | 0.27 | 0.09 | 0.08 | 0.13 | 11.90 | 2.7 | 10 |
| ZZ83065 | | 0.25 | 0.022 | 0.22 | 1.68 | 21.2 | <0.02 | <10 | 150 | 0.41 | 0.21 | 0.19 | 0.20 | 19.00 | 4.9 | 22 |
| ZZ83066 | | 0.59 | 0.002 | 0.08 | 1.91 | 11.4 | <0.02 | <10 | 190 | 0.45 | 0.17 | 0.31 | 0.20 | 19.80 | 10.9 | 32 |
| ZZ83067 | | 0.33 | <0.001 | 0.12 | 1.62 | 10.4 | <0.02 | <10 | 150 | 0.33 | 0.13 | 0.33 | 0.24 | 14.90 | 7.9 | 29 |
| ZZ83068 | | 0.42 | 0.003 | 0.20 | 1.97 | 9.0 | <0.02 | <10 | 250 | 0.36 | 0.19 | 0.42 | 0.16 | 14.10 | 7.2 | 34 |
| ZZ83069 | | 0.28 | 0.001 | 0.20 | 2.09 | 12.1 | <0.02 | <10 | 300 | 0.42 | 0.19 | 0.72 | 0.25 | 15.40 | 11.1 | 38 |
| ZZ83070 | | 0.28 | 0.002 | 0.13 | 1.72 | 12.6 | <0.02 | <10 | 210 | 0.47 | 0.13 | 0.84 | 0.20 | 17.35 | 9.5 | 32 |
| ZZ83071 | | 0.33 | 0.002 | 0.10 | 1.61 | 13.2 | <0.02 | <10 | 210 | 0.43 | 0.14 | 0.61 | 0.19 | 19.40 | 9.4 | 29 |
| ZZ83072 | | 0.35 | <0.001 | 0.10 | 1.47 | 5.7 | <0.02 | <10 | 240 | 0.37 | 0.14 | 0.36 | 0.33 | 24.4 | 7.6 | 25 |
| ZZ83073 | | 0.47 | <0.001 | 0.06 | 1.67 | 7.1 | <0.02 | <10 | 180 | 0.25 | 0.16 | 0.38 | 0.18 | 21.5 | 10.6 | 33 |
| ZZ83074 | | 0.23 | 0.002 | 0.28 | 1.70 | 4.2 | <0.02 | <10 | 290 | 0.51 | 0.17 | 0.33 | 0.15 | 26.7 | 12.4 | 22 |
| ZZ83075 | | 0.23 | <0.001 | 0.11 | 0.77 | 1.8 | <0.02 | <10 | 190 | 0.26 | 0.07 | 1.93 | 0.51 | 8.29 | 3.5 | 8 |
| ZZ83076 | | 0.52 | <0.001 | 0.11 | 1.83 | 7.4 | <0.02 | <10 | 200 | 0.43 | 0.20 | 0.32 | 0.28 | 30.0 | 10.9 | 30 |
| ZZ83077 | | 0.44 | <0.001 | 0.12 | 1.71 | 9.9 | <0.02 | <10 | 180 | 0.43 | 0.25 | 0.17 | 0.27 | 33.8 | 11.2 | 30 |
| ZZ83078 | | 0.36 | <0.001 | 0.17 | 1.95 | 10.4 | <0.02 | <10 | 130 | 0.44 | 0.33 | 0.12 | 0.19 | 36.7 | 8.9 | 29 |
| ZZ83079 | | 0.21 | 0.004 | 0.48 | 0.88 | 3.7 | <0.02 | <10 | 220 | 0.34 | 0.13 | 1.69 | 0.75 | 12.05 | 5.7 | 13 |
| ZZ83080 | | 0.19 | <0.001 | 0.10 | 0.72 | 2.3 | <0.02 | <10 | 80 | 0.12 | 0.18 | 0.13 | 0.18 | 11.60 | 2.1 | 12 |

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

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**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**
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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo | Na |
| | Units | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % |
| | LOR | 0.05 | 0.2 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.2 | 0.1 | 0.01 | 5 | 0.05 | 0.01 |
| ZZ83041 | | 2.40 | 25.7 | 2.23 | 5.79 | 0.05 | <0.02 | 0.03 | 0.029 | 0.07 | 15.2 | 15.8 | 0.47 | 286 | 5.56 | 0.01 |
| ZZ83042 | | 3.06 | 38.9 | 2.31 | 7.11 | 0.05 | <0.02 | 0.05 | 0.055 | 0.06 | 18.2 | 14.6 | 0.44 | 265 | 2.66 | 0.01 |
| ZZ83043 | | 3.63 | 44.4 | 1.71 | 6.22 | 0.05 | <0.02 | 0.04 | 0.040 | 0.06 | 16.8 | 11.0 | 0.28 | 300 | 1.34 | 0.01 |
| ZZ83044 | | 4.18 | 55.5 | 2.26 | 8.12 | 0.06 | 0.02 | 0.03 | 0.058 | 0.08 | 21.2 | 15.1 | 0.45 | 413 | 2.01 | 0.01 |
| ZZ83045 | | 2.95 | 44.4 | 2.51 | 7.06 | 0.06 | <0.02 | 0.03 | 0.042 | 0.07 | 17.5 | 14.1 | 0.40 | 677 | 1.95 | 0.01 |
| ZZ83046 | | 0.88 | 31.7 | 0.97 | 2.51 | <0.05 | 0.05 | 0.09 | 0.011 | 0.04 | 7.7 | 5.9 | 0.29 | 806 | 0.64 | 0.01 |
| ZZ83047 | | 1.13 | 13.9 | 1.31 | 3.44 | <0.05 | 0.03 | 0.11 | 0.013 | 0.07 | 5.7 | 8.1 | 0.36 | 432 | 0.78 | 0.01 |
| ZZ83048 | | 1.68 | 18.4 | 2.01 | 5.41 | 0.05 | 0.05 | 0.04 | 0.019 | 0.07 | 11.0 | 15.1 | 0.68 | 349 | 0.41 | 0.01 |
| ZZ83049 | | 2.32 | 22.9 | 1.85 | 6.07 | <0.05 | <0.02 | 0.04 | 0.016 | 0.07 | 8.3 | 12.4 | 0.49 | 219 | 0.91 | 0.03 |
| ZZ83050 | | 1.86 | 19.7 | 1.65 | 4.75 | 0.05 | 0.02 | 0.03 | 0.013 | 0.10 | 9.1 | 11.5 | 0.48 | 277 | 0.76 | 0.02 |
| ZZ83051 | | 1.58 | 16.4 | 1.45 | 4.45 | <0.05 | <0.02 | 0.05 | 0.012 | 0.06 | 7.7 | 6.9 | 0.29 | 208 | 0.80 | 0.02 |
| ZZ83052 | | 2.13 | 20.9 | 2.16 | 7.71 | <0.05 | <0.02 | 0.06 | 0.022 | 0.07 | 8.6 | 13.1 | 0.44 | 180 | 0.81 | 0.01 |
| ZZ83053 | | 0.98 | 16.8 | 1.07 | 3.18 | <0.05 | <0.02 | 0.06 | 0.015 | 0.04 | 5.2 | 3.7 | 0.12 | 90 | 0.81 | 0.02 |
| ZZ83054 | | 2.89 | 26.3 | 2.36 | 7.17 | <0.05 | 0.02 | 0.05 | 0.022 | 0.09 | 9.9 | 19.5 | 0.61 | 429 | 0.93 | 0.03 |
| ZZ83055 | | 2.28 | 21.8 | 2.39 | 5.69 | 0.05 | 0.03 | 0.02 | 0.018 | 0.11 | 9.4 | 17.6 | 0.67 | 329 | 3.61 | 0.03 |
| ZZ83056 | | 3.53 | 33.2 | 1.85 | 5.57 | 0.06 | 0.05 | 0.05 | 0.017 | 0.10 | 8.9 | 14.7 | 0.65 | 753 | 0.76 | 0.04 |
| ZZ83057 | | 4.03 | 21.1 | 2.45 | 7.42 | 0.05 | 0.02 | 0.03 | 0.023 | 0.07 | 8.4 | 20.8 | 0.82 | 580 | 0.67 | 0.03 |
| ZZ83058 | | 1.54 | 15.1 | 2.67 | 6.49 | <0.05 | 0.02 | 0.07 | 0.018 | 0.05 | 8.2 | 14.9 | 0.64 | 229 | 0.80 | 0.02 |
| ZZ83059 | | 1.63 | 19.0 | 3.06 | 6.30 | <0.05 | 0.04 | 0.05 | 0.022 | 0.07 | 10.1 | 17.4 | 0.52 | 340 | 1.13 | 0.02 |
| ZZ83060 | | 1.86 | 12.3 | 2.22 | 5.70 | <0.05 | <0.02 | 0.06 | 0.015 | 0.07 | 4.7 | 9.7 | 0.47 | 193 | 1.09 | 0.02 |
| ZZ83061 | | 2.03 | 17.5 | 2.33 | 6.42 | <0.05 | 0.02 | 0.03 | 0.019 | 0.04 | 9.1 | 15.3 | 0.42 | 193 | 0.89 | 0.02 |
| ZZ83062 | | 2.64 | 30.3 | 2.54 | 6.96 | <0.05 | <0.02 | 0.03 | 0.023 | 0.06 | 9.6 | 18.8 | 0.63 | 427 | 0.91 | 0.02 |
| ZZ83063 | | 1.67 | 20.3 | 3.12 | 7.64 | <0.05 | 0.04 | 0.04 | 0.030 | 0.06 | 10.0 | 21.3 | 0.55 | 288 | 0.98 | 0.02 |
| ZZ83064 | | 0.79 | 13.1 | 1.13 | 3.37 | <0.05 | <0.02 | 0.03 | 0.010 | 0.04 | 6.1 | 4.6 | 0.15 | 92 | 0.46 | 0.03 |
| ZZ83065 | | 1.63 | 15.8 | 2.04 | 6.15 | <0.05 | <0.02 | 0.05 | 0.019 | 0.06 | 10.0 | 11.2 | 0.36 | 156 | 0.84 | 0.02 |
| ZZ83066 | | 1.87 | 25.3 | 2.79 | 6.10 | 0.05 | 0.02 | 0.02 | 0.022 | 0.14 | 9.7 | 16.5 | 0.71 | 448 | 0.78 | 0.02 |
| ZZ83067 | | 2.05 | 17.4 | 2.32 | 5.84 | 0.05 | <0.02 | 0.03 | 0.018 | 0.13 | 7.5 | 13.0 | 0.64 | 318 | 0.75 | 0.02 |
| ZZ83068 | | 1.76 | 26.1 | 2.41 | 6.67 | <0.05 | <0.02 | 0.04 | 0.024 | 0.08 | 7.5 | 12.0 | 0.61 | 256 | 0.82 | 0.02 |
| ZZ83069 | | 1.70 | 32.8 | 2.49 | 6.36 | <0.05 | 0.02 | 0.05 | 0.029 | 0.08 | 7.8 | 13.8 | 0.63 | 559 | 0.95 | 0.03 |
| ZZ83070 | | 1.36 | 42.1 | 2.20 | 5.00 | <0.05 | 0.03 | 0.10 | 0.021 | 0.05 | 9.6 | 13.3 | 0.60 | 533 | 0.84 | 0.03 |
| ZZ83071 | | 1.69 | 31.8 | 2.42 | 5.21 | 0.05 | 0.02 | 0.06 | 0.022 | 0.07 | 11.1 | 13.9 | 0.53 | 457 | 0.99 | 0.02 |
| ZZ83072 | | 2.06 | 27.2 | 2.33 | 5.07 | 0.05 | 0.02 | 0.05 | 0.020 | 0.07 | 13.2 | 11.0 | 0.48 | 404 | 1.12 | 0.02 |
| ZZ83073 | | 1.44 | 22.1 | 2.87 | 6.41 | <0.05 | <0.02 | 0.02 | 0.020 | 0.07 | 10.6 | 14.5 | 0.64 | 484 | 1.31 | 0.02 |
| ZZ83074 | | 3.16 | 21.4 | 2.09 | 5.94 | <0.05 | <0.02 | 0.07 | 0.027 | 0.05 | 12.3 | 9.1 | 0.29 | 2700 | 1.61 | 0.03 |
| ZZ83075 | | 0.47 | 25.0 | 0.92 | 2.67 | <0.05 | 0.05 | 0.05 | 0.010 | 0.02 | 4.3 | 2.7 | 0.13 | 479 | 0.61 | 0.04 |
| ZZ83076 | | 1.18 | 32.2 | 2.97 | 6.17 | 0.05 | <0.02 | 0.03 | 0.026 | 0.07 | 14.3 | 14.1 | 0.59 | 517 | 1.47 | 0.02 |
| ZZ83077 | | 1.18 | 29.8 | 3.24 | 6.88 | 0.05 | <0.02 | 0.03 | 0.028 | 0.08 | 16.6 | 13.9 | 0.53 | 527 | 1.75 | 0.02 |
| ZZ83078 | | 1.78 | 27.9 | 3.96 | 7.95 | 0.05 | 0.02 | 0.05 | 0.034 | 0.09 | 18.5 | 20.9 | 0.48 | 383 | 2.08 | 0.02 |
| ZZ83079 | | 1.00 | 29.1 | 1.28 | 3.21 | <0.05 | 0.02 | 0.09 | 0.017 | 0.05 | 8.1 | 3.8 | 0.14 | 337 | 0.83 | 0.02 |
| ZZ83080 | | 0.73 | 18.6 | 1.15 | 5.51 | <0.05 | <0.02 | 0.05 | 0.014 | 0.03 | 6.0 | 1.4 | 0.06 | 101 | 0.80 | 0.02 |

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

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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th |
| | Units | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.05 | 0.2 | 10 | 0.2 | 0.1 | 0.001 | 0.01 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 | 0.01 | 0.2 |
| ZZ83041 | | 1.21 | 11.5 | 840 | 77.1 | 15.2 | <0.001 | 0.04 | 0.97 | 2.3 | 0.3 | 0.6 | 41.9 | <0.01 | 0.02 | 2.6 |
| ZZ83042 | | 1.07 | 9.7 | 1020 | 395 | 14.9 | <0.001 | 0.04 | 2.47 | 2.6 | 0.4 | 0.5 | 151.0 | <0.01 | 0.02 | 4.6 |
| ZZ83043 | | 0.43 | 6.5 | 920 | 204 | 11.7 | <0.001 | 0.02 | 0.96 | 1.1 | 0.3 | 0.4 | 82.0 | <0.01 | 0.02 | 0.9 |
| ZZ83044 | | 1.19 | 7.8 | 1100 | 385 | 17.7 | 0.001 | 0.02 | 2.29 | 2.1 | 0.3 | 0.4 | 117.0 | <0.01 | 0.02 | 8.7 |
| ZZ83045 | | 0.76 | 10.8 | 840 | 101.0 | 20.0 | <0.001 | 0.01 | 1.04 | 1.9 | 0.3 | 0.5 | 70.9 | <0.01 | 0.02 | 3.1 |
| ZZ83046 | | 0.45 | 10.3 | 1210 | 6.5 | 4.5 | <0.001 | 0.22 | 0.74 | 1.1 | 0.9 | <0.2 | 55.9 | <0.01 | 0.03 | 0.3 |
| ZZ83047 | | 0.65 | 10.6 | 1050 | 6.1 | 7.7 | 0.001 | 0.15 | 0.30 | 1.5 | 0.5 | 0.2 | 51.4 | <0.01 | 0.02 | 0.4 |
| ZZ83048 | | 0.96 | 16.6 | 800 | 8.0 | 10.5 | 0.001 | 0.03 | 0.38 | 3.6 | 0.5 | 0.4 | 61.4 | <0.01 | 0.02 | 2.5 |
| ZZ83049 | | 0.82 | 14.0 | 720 | 8.1 | 11.0 | <0.001 | 0.06 | 0.39 | 2.7 | 0.4 | 0.4 | 55.4 | <0.01 | 0.03 | 0.6 |
| ZZ83050 | | 0.89 | 13.1 | 730 | 7.7 | 12.0 | <0.001 | 0.05 | 0.35 | 3.0 | 0.4 | 0.3 | 62.2 | <0.01 | 0.03 | 1.1 |
| ZZ83051 | | 0.66 | 8.9 | 740 | 6.0 | 8.5 | <0.001 | 0.08 | 0.34 | 1.8 | 0.4 | 0.3 | 46.0 | <0.01 | 0.04 | 0.3 |
| ZZ83052 | | 1.12 | 14.8 | 810 | 11.1 | 9.5 | <0.001 | 0.06 | 0.37 | 2.5 | 0.5 | 0.5 | 41.5 | <0.01 | 0.05 | 0.6 |
| ZZ83053 | | 0.45 | 5.4 | 740 | 6.5 | 5.9 | <0.001 | 0.09 | 0.24 | 0.9 | 0.4 | 0.3 | 27.1 | <0.01 | 0.06 | <0.2 |
| ZZ83054 | | 0.97 | 16.8 | 890 | 12.5 | 13.1 | <0.001 | 0.06 | 0.36 | 3.4 | 0.6 | 0.4 | 64.4 | <0.01 | 0.04 | 1.1 |
| ZZ83055 | | 0.94 | 17.5 | 650 | 11.5 | 11.8 | <0.001 | 0.03 | 1.85 | 3.4 | 0.4 | 0.4 | 47.8 | <0.01 | 0.02 | 1.7 |
| ZZ83056 | | 0.84 | 16.3 | 980 | 17.4 | 11.4 | 0.001 | 0.13 | 0.43 | 3.2 | 0.8 | 0.3 | 71.8 | <0.01 | 0.03 | 0.9 |
| ZZ83057 | | 0.83 | 18.0 | 820 | 9.0 | 11.3 | <0.001 | 0.08 | 0.28 | 3.8 | 0.6 | 0.5 | 58.1 | <0.01 | 0.02 | 0.8 |
| ZZ83058 | | 1.23 | 13.2 | 410 | 7.0 | 7.4 | <0.001 | 0.06 | 0.27 | 4.0 | 0.4 | 0.4 | 27.5 | <0.01 | 0.03 | 1.3 |
| ZZ83059 | | 1.30 | 17.4 | 550 | 9.2 | 9.3 | <0.001 | 0.04 | 0.38 | 3.8 | 0.5 | 0.5 | 22.5 | 0.01 | 0.03 | 2.2 |
| ZZ83060 | | 1.01 | 8.2 | 530 | 5.2 | 7.2 | <0.001 | 0.06 | 0.20 | 2.9 | 0.4 | 0.4 | 24.5 | <0.01 | 0.03 | 0.5 |
| ZZ83061 | | 1.32 | 14.0 | 340 | 10.9 | 7.1 | <0.001 | 0.02 | 0.31 | 3.1 | 0.5 | 0.5 | 25.1 | 0.01 | 0.03 | 1.6 |
| ZZ83062 | | 0.97 | 18.0 | 650 | 16.8 | 12.2 | <0.001 | 0.05 | 0.38 | 2.9 | 0.3 | 0.4 | 37.4 | <0.01 | 0.05 | 0.7 |
| ZZ83063 | | 1.78 | 18.0 | 430 | 12.6 | 11.3 | <0.001 | 0.03 | 0.41 | 4.3 | 0.5 | 0.6 | 21.5 | 0.01 | 0.03 | 2.9 |
| ZZ83064 | | 0.63 | 5.5 | 290 | 5.8 | 4.4 | <0.001 | 0.02 | 0.13 | 1.6 | 0.4 | 0.3 | 11.3 | <0.01 | 0.01 | 0.6 |
| ZZ83065 | | 0.98 | 12.1 | 450 | 35.6 | 10.3 | <0.001 | 0.04 | 0.32 | 2.9 | 0.3 | 0.4 | 22.4 | <0.01 | 0.03 | 0.8 |
| ZZ83066 | | 0.99 | 21.6 | 620 | 15.6 | 14.7 | <0.001 | 0.02 | 0.45 | 4.7 | 0.5 | 0.4 | 28.3 | <0.01 | 0.03 | 2.4 |
| ZZ83067 | | 0.91 | 17.8 | 650 | 8.6 | 13.8 | <0.001 | 0.04 | 0.36 | 4.1 | 0.4 | 0.4 | 30.7 | <0.01 | 0.03 | 1.3 |
| ZZ83068 | | 0.79 | 20.8 | 640 | 9.4 | 12.4 | <0.001 | 0.06 | 0.33 | 3.5 | 0.4 | 0.4 | 39.3 | <0.01 | 0.03 | 0.6 |
| ZZ83069 | | 0.76 | 23.7 | 880 | 13.2 | 10.8 | <0.001 | 0.09 | 0.39 | 3.7 | 0.6 | 0.4 | 44.7 | <0.01 | 0.04 | 0.5 |
| ZZ83070 | | 0.69 | 21.0 | 850 | 8.9 | 8.0 | <0.001 | 0.08 | 0.39 | 3.0 | 0.7 | 0.3 | 47.1 | <0.01 | 0.04 | 0.6 |
| ZZ83071 | | 0.89 | 20.8 | 540 | 11.0 | 11.1 | <0.001 | 0.06 | 0.39 | 3.4 | 0.5 | 0.4 | 37.4 | <0.01 | 0.04 | 1.0 |
| ZZ83072 | | 0.67 | 16.6 | 680 | 9.1 | 10.4 | <0.001 | 0.06 | 0.35 | 3.1 | 0.7 | 0.3 | 29.0 | <0.01 | 0.03 | 0.8 |
| ZZ83073 | | 0.86 | 20.7 | 390 | 13.9 | 11.1 | <0.001 | 0.02 | 0.49 | 3.6 | 0.2 | 0.4 | 22.2 | <0.01 | 0.03 | 1.6 |
| ZZ83074 | | 0.64 | 12.6 | 880 | 9.8 | 11.0 | <0.001 | 0.07 | 0.24 | 2.7 | 0.9 | 0.4 | 28.3 | <0.01 | 0.04 | 0.4 |
| ZZ83075 | | 0.54 | 7.9 | 820 | 4.2 | 3.1 | <0.001 | 0.12 | 0.16 | 0.9 | 0.8 | 0.2 | 92.7 | <0.01 | 0.03 | 0.2 |
| ZZ83076 | | 0.70 | 24.0 | 500 | 17.2 | 10.4 | <0.001 | 0.02 | 0.39 | 3.9 | 0.5 | 0.4 | 23.3 | <0.01 | 0.04 | 1.2 |
| ZZ83077 | | 0.73 | 22.3 | 620 | 12.9 | 9.3 | 0.001 | 0.04 | 0.45 | 3.1 | 0.5 | 0.5 | 17.2 | <0.01 | 0.05 | 0.9 |
| ZZ83078 | | 1.06 | 19.3 | 540 | 11.6 | 12.4 | 0.001 | 0.08 | 0.65 | 4.0 | 0.8 | 0.5 | 16.9 | <0.01 | 0.11 | 3.5 |
| ZZ83079 | | 0.47 | 11.0 | 1080 | 7.4 | 6.4 | <0.001 | 0.14 | 0.26 | 1.5 | 0.8 | 0.2 | 69.8 | <0.01 | 0.04 | <0.2 |
| ZZ83080 | | 0.42 | 6.2 | 430 | 6.8 | 3.5 | <0.001 | 0.04 | 0.23 | 0.6 | 0.3 | 0.5 | 13.4 | <0.01 | 0.02 | <0.2 |

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

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


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Ti | Tl | U | V | W | Y | Zn | Zr |
| | Units | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.005 | 0.02 | 0.05 | 1 | 0.05 | 0.05 | 2 | 0.5 |
| ZZ83041 | | 0.073 | 0.15 | 4.83 | 51 | 1.24 | 4.90 | 90 | <0.5 |
| ZZ83042 | | 0.063 | 0.16 | 5.76 | 50 | 1.33 | 4.77 | 169 | <0.5 |
| ZZ83043 | | 0.047 | 0.14 | 7.66 | 39 | 0.38 | 3.98 | 114 | <0.5 |
| ZZ83044 | | 0.083 | 0.16 | 3.43 | 52 | 0.81 | 4.37 | 182 | 0.6 |
| ZZ83045 | | 0.061 | 0.15 | 3.78 | 58 | 0.80 | 4.38 | 118 | <0.5 |
| ZZ83046 | | 0.024 | 0.09 | 1.37 | 26 | 0.08 | 8.83 | 33 | 2.3 |
| ZZ83047 | | 0.038 | 0.07 | 0.46 | 31 | 0.14 | 3.54 | 72 | 1.2 |
| ZZ83048 | | 0.074 | 0.09 | 1.18 | 48 | 0.28 | 7.46 | 57 | 1.7 |
| ZZ83049 | | 0.070 | 0.12 | 0.55 | 47 | 0.17 | 5.00 | 47 | 0.6 |
| ZZ83050 | | 0.070 | 0.09 | 0.56 | 41 | 0.18 | 6.29 | 46 | 0.7 |
| ZZ83051 | | 0.050 | 0.08 | 0.51 | 35 | 0.18 | 4.82 | 31 | <0.5 |
| ZZ83052 | | 0.075 | 0.11 | 0.71 | 52 | 0.25 | 3.45 | 44 | 0.6 |
| ZZ83053 | | 0.040 | 0.05 | 0.46 | 27 | 0.19 | 2.52 | 26 | <0.5 |
| ZZ83054 | | 0.074 | 0.13 | 0.77 | 56 | 0.25 | 6.29 | 65 | 0.7 |
| ZZ83055 | | 0.090 | 0.11 | 0.54 | 57 | 0.23 | 4.24 | 58 | 1.0 |
| ZZ83056 | | 0.061 | 0.10 | 1.59 | 44 | 0.15 | 8.68 | 67 | 1.9 |
| ZZ83057 | | 0.077 | 0.12 | 0.75 | 60 | 0.18 | 5.31 | 61 | 0.7 |
| ZZ83058 | | 0.102 | 0.11 | 0.50 | 68 | 0.18 | 3.19 | 40 | 0.8 |
| ZZ83059 | | 0.105 | 0.12 | 0.55 | 72 | 0.23 | 4.06 | 49 | 1.3 |
| ZZ83060 | | 0.097 | 0.07 | 0.31 | 62 | 0.16 | 1.76 | 34 | 0.6 |
| ZZ83061 | | 0.085 | 0.13 | 0.58 | 56 | 0.21 | 3.25 | 39 | 1.0 |
| ZZ83062 | | 0.078 | 0.15 | 0.72 | 59 | 0.21 | 5.07 | 58 | 0.6 |
| ZZ83063 | | 0.099 | 0.17 | 0.65 | 70 | 0.24 | 4.25 | 62 | 1.8 |
| ZZ83064 | | 0.049 | 0.06 | 0.41 | 25 | 0.13 | 2.81 | 19 | <0.5 |
| ZZ83065 | | 0.068 | 0.15 | 0.65 | 47 | 0.16 | 3.52 | 47 | <0.5 |
| ZZ83066 | | 0.102 | 0.15 | 0.57 | 67 | 0.21 | 5.07 | 65 | 0.9 |
| ZZ83067 | | 0.087 | 0.14 | 0.46 | 57 | 0.17 | 4.63 | 56 | 0.6 |
| ZZ83068 | | 0.074 | 0.15 | 0.66 | 59 | 0.20 | 3.87 | 57 | 0.6 |
| ZZ83069 | | 0.061 | 0.16 | 0.80 | 61 | 0.14 | 5.77 | 65 | 0.9 |
| ZZ83070 | | 0.051 | 0.10 | 0.97 | 49 | 0.39 | 8.54 | 58 | 1.1 |
| ZZ83071 | | 0.053 | 0.09 | 0.66 | 51 | 0.20 | 8.24 | 58 | 0.6 |
| ZZ83072 | | 0.042 | 0.08 | 0.83 | 45 | 0.22 | 8.44 | 56 | 0.5 |
| ZZ83073 | | 0.056 | 0.09 | 0.45 | 62 | 0.16 | 3.65 | 66 | <0.5 |
| ZZ83074 | | 0.038 | 0.15 | 0.91 | 43 | 0.14 | 8.03 | 44 | <0.5 |
| ZZ83075 | | 0.030 | 0.04 | 0.80 | 19 | 0.05 | 3.06 | 33 | 2.1 |
| ZZ83076 | | 0.048 | 0.09 | 0.62 | 58 | 0.17 | 6.30 | 81 | <0.5 |
| ZZ83077 | | 0.048 | 0.10 | 0.64 | 69 | 0.17 | 5.42 | 64 | <0.5 |
| ZZ83078 | | 0.030 | 0.13 | 0.56 | 78 | 0.16 | 3.65 | 62 | 0.6 |
| ZZ83079 | | 0.028 | 0.06 | 0.77 | 26 | 0.09 | 9.98 | 49 | 0.7 |
| ZZ83080 | | 0.032 | 0.07 | 0.29 | 45 | 0.08 | 1.29 | 24 | <0.5 |

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

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**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | WEI- 21 | Au- ICP21 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.001 | 0.01 | 0.01 | 0.1 | 0.02 | 10 | 10 | 0.05 | 0.01 | 0.01 | 0.01 | 0.02 | 0.1 | 1 |
| ZZ83081 | | 0.30 | <0.001 | 0.05 | 1.22 | 5.5 | <0.02 | <10 | 90 | 0.19 | 0.17 | 0.24 | 0.09 | 21.5 | 5.5 | 23 |
| ZZ83082 | | 0.24 | <0.001 | 0.04 | 0.21 | 0.6 | <0.02 | <10 | 40 | <0.05 | 0.04 | 0.14 | 0.10 | 2.35 | 1.7 | 5 |
| ZZ83083 | | 0.34 | <0.001 | 0.08 | 1.22 | 3.6 | <0.02 | <10 | 90 | 0.25 | 0.14 | 0.24 | 0.17 | 16.30 | 6.8 | 19 |
| ZZ83084 | | 0.30 | <0.001 | 0.08 | 0.67 | 2.0 | <0.02 | <10 | 50 | 0.08 | 0.10 | 0.08 | 0.09 | 8.94 | 2.7 | 9 |
| ZZ83085 | | 0.23 | <0.001 | 0.06 | 0.29 | 0.6 | <0.02 | <10 | 40 | 0.06 | 0.05 | 0.29 | 0.16 | 3.35 | 1.2 | 5 |
| ZZ83086 | | 0.37 | <0.001 | 0.21 | 1.87 | 6.5 | <0.02 | <10 | 300 | 0.63 | 0.17 | 0.83 | 0.16 | 24.0 | 10.1 | 40 |
| ZZ83087 | | 0.20 | <0.001 | 0.20 | 1.38 | 10.1 | <0.02 | <10 | 200 | 0.48 | 0.18 | 0.69 | 0.37 | 21.7 | 8.4 | 29 |
| ZZ83088 | | 0.15 | <0.001 | 0.14 | 0.34 | 1.1 | <0.02 | <10 | 70 | 0.08 | 0.05 | 0.64 | 0.27 | 3.85 | 1.3 | 9 |
| ZZ83089 | | 0.30 | <0.001 | 0.13 | 1.64 | 14.5 | <0.02 | <10 | 150 | 0.37 | 0.19 | 0.40 | 0.39 | 19.20 | 11.5 | 43 |
| ZZ83090 | | 0.31 | <0.001 | 0.18 | 1.27 | 5.7 | <0.02 | <10 | 90 | 0.20 | 0.16 | 0.19 | 0.17 | 12.05 | 4.9 | 31 |
| ZZ83091 | | 0.57 | 0.002 | 0.05 | 2.01 | 7.0 | <0.02 | <10 | 150 | 0.70 | 0.20 | 0.29 | 0.15 | 46.3 | 11.6 | 35 |
| ZZ83092 | | 0.51 | 0.003 | 0.04 | 1.90 | 6.8 | <0.02 | <10 | 180 | 0.50 | 0.17 | 0.28 | 0.12 | 44.6 | 9.1 | 29 |
| ZZ83093 | | 0.45 | 0.002 | 0.59 | 1.93 | 16.7 | <0.02 | <10 | 190 | 0.33 | 0.32 | 0.25 | 0.25 | 28.6 | 7.7 | 36 |
| ZZ83094 | | 0.42 | <0.001 | 0.34 | 1.62 | 17.1 | <0.02 | <10 | 120 | 0.27 | 0.53 | 0.13 | 0.35 | 22.6 | 6.2 | 27 |
| ZZ83095 | | 0.38 | <0.001 | 6.58 | 2.22 | 69.5 | <0.02 | <10 | 200 | 0.57 | 1.03 | 0.27 | 1.03 | 42.0 | 8.2 | 34 |
| ZZ83096 | | 0.49 | <0.001 | 0.09 | 2.58 | 11.6 | <0.02 | <10 | 100 | 0.69 | 0.33 | 0.13 | 0.11 | 62.6 | 10.7 | 54 |
| ZZ83097 | | 0.42 | <0.001 | 0.09 | 2.14 | 11.5 | <0.02 | <10 | 110 | 0.36 | 0.46 | 0.08 | 0.24 | 42.5 | 7.4 | 24 |
| ZZ83098 | | 0.37 | <0.001 | 0.11 | 2.54 | 11.2 | <0.02 | <10 | 110 | 0.43 | 0.28 | 0.09 | 0.30 | 30.9 | 7.1 | 32 |
| ZZ83099 | | 0.50 | <0.001 | 0.03 | 2.34 | 19.4 | <0.02 | <10 | 100 | 0.54 | 0.53 | 0.09 | 0.21 | 35.7 | 7.5 | 26 |
| ZZ83100 | | 0.45 | <0.001 | 0.07 | 2.20 | 23.5 | <0.02 | <10 | 150 | 0.44 | 0.42 | 0.15 | 0.25 | 23.5 | 8.9 | 29 |
| ZZ83101 | | 0.46 | <0.001 | 0.04 | 1.82 | 8.9 | <0.02 | <10 | 120 | 0.37 | 0.24 | 0.22 | 0.13 | 32.9 | 10.9 | 38 |
| ZZ83102 | | 0.44 | 0.004 | 0.14 | 1.91 | 9.7 | <0.02 | <10 | 160 | 0.39 | 0.23 | 0.23 | 0.21 | 22.8 | 7.1 | 28 |
| ZZ83103 | | 0.41 | <0.001 | 0.17 | 1.99 | 7.2 | <0.02 | <10 | 160 | 0.39 | 0.32 | 0.23 | 0.21 | 22.3 | 6.8 | 37 |
| ZZ83104 | | 0.37 | <0.001 | 0.13 | 1.03 | 5.8 | <0.02 | <10 | 70 | 0.33 | 0.20 | 0.08 | 0.21 | 19.60 | 3.2 | 12 |
| ZZ83105 | | 0.38 | <0.001 | 0.09 | 1.82 | 7.0 | <0.02 | <10 | 90 | 0.43 | 0.27 | 0.08 | 0.16 | 30.6 | 5.2 | 17 |
| ZZ83106 | | 0.39 | <0.001 | 0.10 | 1.23 | 28.8 | <0.02 | <10 | 80 | 0.28 | 0.30 | 0.09 | 0.21 | 33.5 | 2.9 | 14 |
| ZZ83107 | | 0.46 | <0.001 | 0.19 | 1.52 | 9.0 | <0.02 | <10 | 100 | 0.54 | 0.45 | 0.13 | 0.28 | 68.2 | 5.2 | 28 |
| ZZ83108 | | 0.53 | <0.001 | 0.20 | 2.60 | 7.8 | <0.02 | <10 | 460 | 0.77 | 0.30 | 0.29 | 0.20 | 39.9 | 13.0 | 42 |
| ZZ83109 | | 0.37 | <0.001 | 0.10 | 2.47 | 5.0 | <0.02 | <10 | 430 | 0.70 | 0.23 | 0.25 | 0.29 | 29.2 | 10.8 | 38 |
| ZZ83110 | | 0.49 | <0.001 | 0.22 | 1.95 | 6.5 | <0.02 | <10 | 250 | 0.70 | 0.25 | 0.19 | 0.33 | 43.1 | 8.0 | 30 |
| ZZ83111 | | 0.61 | <0.001 | 0.28 | 2.23 | 6.9 | <0.02 | <10 | 180 | 0.59 | 0.37 | 0.29 | 0.24 | 40.9 | 8.1 | 33 |
| ZZ83112 | | 0.28 | <0.001 | 0.40 | 1.94 | 3.9 | <0.02 | <10 | 170 | 0.75 | 0.46 | 0.31 | 0.43 | 33.9 | 4.5 | 20 |
| ZZ83113 | | 0.44 | 0.002 | 0.21 | 1.97 | 7.6 | <0.02 | <10 | 140 | 0.91 | 0.49 | 0.18 | 0.34 | 43.1 | 6.9 | 22 |
| ZZ83114 | | 0.44 | <0.001 | 0.23 | 1.96 | 8.0 | <0.02 | <10 | 160 | 0.89 | 0.38 | 0.21 | 0.20 | 42.1 | 6.3 | 26 |
| ZZ83115 | | 0.46 | 0.007 | 0.31 | 2.16 | 7.7 | 0.04 | <10 | 220 | 0.92 | 0.34 | 0.31 | 0.16 | 33.6 | 8.4 | 27 |
| ZZ83116 | | 0.33 | <0.001 | 0.26 | 0.84 | 2.5 | <0.02 | <10 | 80 | 0.47 | 0.09 | 0.13 | 0.05 | 15.35 | 2.8 | 9 |
| ZZ83117 | | 0.32 | 0.001 | 0.39 | 1.58 | 8.2 | <0.02 | <10 | 110 | 0.96 | 0.38 | 0.14 | 0.43 | 127.0 | 3.9 | 17 |
| ZZ83118 | | 0.21 | 0.005 | 1.36 | 0.82 | 3.7 | <0.02 | <10 | 70 | 0.23 | 0.40 | 0.07 | 0.43 | 31.2 | 1.7 | 19 |
| ZZ83119 | | 0.42 | 0.004 | 0.47 | 2.03 | 21.3 | 0.03 | <10 | 140 | 0.79 | 0.54 | 0.10 | 0.25 | 78.4 | 4.8 | 23 |
| ZZ83120 | | 0.43 | <0.001 | 0.35 | 2.33 | 7.6 | <0.02 | <10 | 150 | 0.37 | 0.67 | 0.35 | 0.22 | 18.55 | 8.3 | 47 |

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**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo | Na |
| | Units | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % |
| | LOR | 0.05 | 0.2 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.2 | 0.1 | 0.01 | 5 | 0.05 | 0.01 |
| ZZ83081 | | 1.40 | 15.3 | 2.63 | 7.27 | <0.05 | <0.02 | 0.04 | 0.020 | 0.06 | 10.6 | 9.4 | 0.34 | 301 | 1.48 | 0.02 |
| ZZ83082 | | 0.33 | 4.6 | 0.88 | 1.57 | <0.05 | <0.02 | 0.03 | <0.005 | 0.02 | 1.3 | 0.4 | 0.04 | 50 | 0.29 | 0.03 |
| ZZ83083 | | 1.17 | 23.4 | 2.25 | 5.46 | <0.05 | <0.02 | 0.04 | 0.017 | 0.06 | 7.3 | 9.0 | 0.42 | 346 | 0.80 | 0.02 |
| ZZ83084 | | 0.82 | 10.8 | 1.20 | 4.16 | <0.05 | <0.02 | 0.04 | 0.010 | 0.04 | 4.4 | 2.1 | 0.12 | 111 | 0.57 | 0.02 |
| ZZ83085 | | 0.81 | 6.0 | 0.57 | 1.90 | <0.05 | <0.02 | 0.04 | 0.005 | 0.03 | 1.8 | 1.4 | 0.05 | 53 | 0.36 | 0.03 |
| ZZ83086 | | 4.89 | 58.6 | 2.54 | 6.01 | 0.06 | 0.05 | 0.06 | 0.023 | 0.07 | 16.0 | 13.1 | 0.76 | 649 | 0.71 | 0.03 |
| ZZ83087 | | 5.72 | 24.8 | 2.01 | 4.98 | <0.05 | <0.02 | 0.07 | 0.019 | 0.07 | 12.5 | 9.9 | 0.45 | 822 | 0.89 | 0.03 |
| ZZ83088 | | 0.43 | 9.5 | 0.54 | 1.52 | <0.05 | <0.02 | 0.12 | 0.007 | 0.03 | 2.1 | 0.9 | 0.06 | 73 | 1.03 | 0.03 |
| ZZ83089 | | 4.24 | 35.5 | 2.73 | 6.85 | 0.06 | <0.02 | 0.04 | 0.024 | 0.08 | 10.1 | 13.1 | 0.92 | 469 | 0.77 | 0.01 |
| ZZ83090 | | 2.22 | 19.2 | 1.80 | 4.92 | <0.05 | <0.02 | 0.10 | 0.016 | 0.04 | 6.5 | 7.0 | 0.46 | 189 | 0.74 | 0.02 |
| ZZ83091 | | 3.17 | 14.1 | 3.31 | 7.86 | 0.08 | 0.03 | 0.01 | 0.028 | 0.11 | 23.0 | 20.7 | 0.74 | 467 | 0.76 | 0.01 |
| ZZ83092 | | 1.83 | 13.6 | 2.82 | 6.77 | 0.08 | 0.02 | 0.02 | 0.023 | 0.08 | 23.9 | 17.3 | 0.58 | 318 | 0.63 | 0.01 |
| ZZ83093 | | 1.72 | 22.9 | 2.66 | 6.41 | 0.06 | <0.02 | 0.03 | 0.030 | 0.08 | 16.5 | 13.9 | 0.63 | 224 | 0.81 | 0.01 |
| ZZ83094 | | 1.17 | 17.7 | 2.21 | 6.23 | <0.05 | <0.02 | 0.02 | 0.030 | 0.06 | 11.5 | 10.4 | 0.43 | 198 | 0.77 | 0.01 |
| ZZ83095 | | 2.76 | 29.9 | 2.77 | 6.89 | 0.07 | <0.02 | 0.05 | 0.091 | 0.09 | 23.5 | 14.2 | 0.56 | 389 | 0.95 | 0.01 |
| ZZ83096 | | 3.39 | 11.5 | 3.64 | 10.20 | 0.07 | 0.02 | 0.02 | 0.048 | 0.18 | 19.2 | 28.4 | 0.95 | 288 | 0.88 | 0.01 |
| ZZ83097 | | 1.64 | 10.2 | 3.24 | 10.55 | 0.06 | <0.02 | 0.03 | 0.030 | 0.07 | 16.8 | 17.6 | 0.47 | 325 | 1.48 | <0.01 |
| ZZ83098 | | 2.04 | 12.9 | 3.36 | 8.19 | 0.05 | 0.04 | 0.03 | 0.037 | 0.08 | 14.1 | 20.2 | 0.43 | 261 | 1.73 | <0.01 |
| ZZ83099 | | 3.14 | 14.1 | 3.91 | 9.38 | 0.06 | 0.03 | 0.03 | 0.042 | 0.13 | 16.7 | 21.4 | 0.57 | 247 | 1.10 | <0.01 |
| ZZ83100 | | 1.32 | 16.9 | 2.82 | 6.89 | 0.05 | 0.02 | 0.03 | 0.029 | 0.07 | 11.8 | 15.5 | 0.49 | 263 | 0.86 | 0.01 |
| ZZ83101 | | 1.41 | 16.8 | 2.67 | 6.27 | 0.06 | <0.02 | 0.02 | 0.022 | 0.08 | 15.5 | 15.6 | 0.69 | 271 | 0.66 | <0.01 |
| ZZ83102 | | 0.98 | 19.1 | 2.48 | 6.31 | <0.05 | <0.02 | 0.02 | 0.025 | 0.07 | 11.6 | 11.4 | 0.48 | 263 | 0.88 | 0.01 |
| ZZ83103 | | 1.05 | 24.7 | 2.34 | 6.77 | <0.05 | <0.02 | 0.03 | 0.025 | 0.07 | 11.8 | 11.3 | 0.63 | 260 | 0.87 | 0.01 |
| ZZ83104 | | 1.24 | 8.7 | 1.43 | 5.30 | <0.05 | <0.02 | 0.02 | 0.015 | 0.04 | 10.1 | 7.3 | 0.22 | 120 | 0.81 | 0.01 |
| ZZ83105 | | 2.21 | 11.8 | 2.31 | 9.02 | 0.05 | 0.04 | 0.02 | 0.020 | 0.10 | 15.9 | 12.6 | 0.63 | 174 | 1.05 | <0.01 |
| ZZ83106 | | 1.05 | 15.8 | 1.70 | 6.05 | <0.05 | <0.02 | 0.02 | 0.017 | 0.06 | 19.6 | 6.7 | 0.28 | 133 | 1.13 | <0.01 |
| ZZ83107 | | 1.48 | 28.2 | 2.22 | 5.76 | 0.08 | 0.02 | 0.02 | 0.020 | 0.20 | 37.9 | 10.8 | 0.66 | 237 | 2.03 | <0.01 |
| ZZ83108 | | 3.18 | 26.4 | 3.48 | 8.08 | 0.06 | 0.06 | 0.03 | 0.023 | 0.40 | 21.8 | 22.3 | 1.34 | 352 | 1.44 | 0.01 |
| ZZ83109 | | 3.12 | 20.6 | 3.07 | 9.61 | 0.07 | 0.02 | 0.03 | 0.019 | 0.38 | 16.0 | 19.5 | 1.40 | 291 | 0.80 | 0.01 |
| ZZ83110 | | 2.21 | 18.4 | 2.42 | 6.97 | 0.06 | 0.02 | 0.03 | 0.018 | 0.29 | 23.4 | 17.0 | 1.01 | 362 | 1.23 | 0.01 |
| ZZ83111 | | 1.70 | 22.6 | 2.58 | 7.27 | 0.06 | 0.02 | 0.03 | 0.025 | 0.10 | 22.6 | 15.4 | 0.77 | 258 | 1.15 | 0.01 |
| ZZ83112 | | 1.62 | 17.1 | 1.85 | 6.55 | 0.05 | <0.02 | 0.05 | 0.022 | 0.10 | 19.1 | 11.9 | 0.73 | 173 | 0.89 | 0.01 |
| ZZ83113 | | 1.67 | 20.2 | 2.30 | 6.97 | 0.07 | 0.03 | 0.03 | 0.025 | 0.11 | 24.7 | 15.1 | 0.75 | 298 | 1.60 | 0.01 |
| ZZ83114 | | 2.21 | 17.2 | 2.27 | 7.04 | 0.07 | 0.02 | 0.04 | 0.022 | 0.13 | 26.3 | 14.6 | 0.64 | 246 | 1.31 | 0.01 |
| ZZ83115 | | 2.39 | 24.4 | 2.79 | 6.79 | 0.08 | 0.02 | 0.05 | 0.026 | 0.22 | 18.7 | 18.5 | 0.93 | 310 | 1.52 | 0.01 |
| ZZ83116 | | 0.82 | 6.9 | 1.11 | 3.41 | <0.05 | <0.02 | 0.02 | 0.008 | 0.05 | 8.0 | 4.0 | 0.22 | 105 | 0.32 | 0.03 |
| ZZ83117 | | 1.81 | 27.8 | 2.11 | 6.20 | 0.14 | 0.02 | 0.06 | 0.020 | 0.17 | 61.7 | 8.3 | 0.42 | 139 | 2.49 | 0.01 |
| ZZ83118 | | 0.58 | 21.7 | 1.41 | 4.21 | <0.05 | <0.02 | 0.10 | 0.015 | 0.08 | 19.3 | 1.9 | 0.10 | 60 | 2.26 | 0.01 |
| ZZ83119 | | 2.65 | 32.6 | 3.16 | 7.45 | 0.09 | 0.02 | 0.06 | 0.026 | 0.38 | 44.7 | 10.7 | 0.83 | 245 | 2.32 | 0.03 |
| ZZ83120 | | 2.19 | 20.9 | 2.45 | 7.63 | 0.05 | <0.02 | 0.04 | 0.025 | 0.08 | 10.1 | 14.4 | 0.92 | 328 | 1.36 | 0.01 |

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

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To: **ATAC RESOURCES LTD.**
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**1016- 510 W HASTINGS ST**
**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th |
| | Units | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.05 | 0.2 | 10 | 0.2 | 0.1 | 0.001 | 0.01 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 | 0.01 | 0.2 |
| ZZ83081 | | 0.77 | 11.5 | 410 | 7.3 | 9.8 | <0.001 | 0.03 | 0.30 | 2.2 | 0.4 | 0.5 | 17.0 | <0.01 | 0.05 | 0.6 |
| ZZ83082 | | 0.25 | 2.2 | 340 | 1.5 | 1.4 | <0.001 | 0.05 | <0.05 | 0.7 | 0.2 | <0.2 | 17.8 | <0.01 | 0.01 | <0.2 |
| ZZ83083 | | 0.66 | 13.6 | 570 | 5.8 | 7.6 | <0.001 | 0.04 | 0.32 | 2.0 | 0.3 | 0.4 | 18.2 | <0.01 | 0.04 | 0.4 |
| ZZ83084 | | 0.27 | 4.3 | 460 | 3.9 | 4.2 | <0.001 | 0.04 | 0.15 | 0.8 | 0.2 | 0.3 | 9.9 | <0.01 | 0.02 | <0.2 |
| ZZ83085 | | 0.20 | 2.1 | 380 | 2.2 | 2.8 | <0.001 | 0.04 | <0.05 | 0.3 | <0.2 | 0.2 | 15.8 | <0.01 | 0.01 | <0.2 |
| ZZ83086 | | 0.70 | 23.9 | 980 | 12.0 | 10.6 | <0.001 | 0.08 | 0.34 | 3.7 | 1.1 | 0.3 | 45.7 | <0.01 | 0.03 | 0.8 |
| ZZ83087 | | 0.61 | 15.8 | 1040 | 13.9 | 11.0 | <0.001 | 0.10 | 0.46 | 2.0 | 0.7 | 0.3 | 45.0 | <0.01 | 0.04 | 0.3 |
| ZZ83088 | | 0.29 | 3.8 | 870 | 2.6 | 1.3 | <0.001 | 0.11 | 0.14 | 0.8 | 0.4 | 0.2 | 32.2 | <0.01 | 0.02 | <0.2 |
| ZZ83089 | | 0.73 | 25.2 | 840 | 20.3 | 12.0 | <0.001 | 0.05 | 2.01 | 3.7 | 0.4 | 0.4 | 29.5 | <0.01 | 0.04 | 0.8 |
| ZZ83090 | | 0.70 | 14.2 | 530 | 9.3 | 6.7 | <0.001 | 0.05 | 0.29 | 1.9 | 0.2 | 0.3 | 17.3 | <0.01 | 0.04 | 0.4 |
| ZZ83091 | | 1.73 | 21.0 | 710 | 11.6 | 18.9 | <0.001 | 0.01 | 0.56 | 3.7 | 0.5 | 0.8 | 18.0 | <0.01 | 0.03 | 8.6 |
| ZZ83092 | | 1.83 | 17.7 | 600 | 10.6 | 15.7 | <0.001 | 0.01 | 0.55 | 3.5 | 0.5 | 0.8 | 18.1 | <0.01 | 0.02 | 7.8 |
| ZZ83093 | | 0.95 | 23.8 | 660 | 58.8 | 14.0 | <0.001 | 0.02 | 1.18 | 3.0 | 0.4 | 0.6 | 21.9 | <0.01 | 0.04 | 0.9 |
| ZZ83094 | | 1.11 | 13.8 | 340 | 106.5 | 9.7 | <0.001 | 0.01 | 0.67 | 2.5 | 0.2 | 0.6 | 12.7 | <0.01 | 0.03 | 1.4 |
| ZZ83095 | | 1.00 | 19.5 | 730 | 1180 | 16.0 | <0.001 | 0.03 | 14.45 | 3.3 | 0.6 | 0.7 | 22.5 | <0.01 | 0.04 | 1.4 |
| ZZ83096 | | 2.16 | 26.3 | 330 | 11.8 | 32.1 | <0.001 | 0.01 | 0.46 | 4.6 | 0.5 | 1.9 | 13.2 | <0.01 | 0.03 | 9.7 |
| ZZ83097 | | 1.71 | 11.2 | 740 | 11.9 | 22.2 | <0.001 | 0.01 | 0.47 | 2.9 | 0.4 | 1.3 | 10.1 | <0.01 | 0.04 | 6.4 |
| ZZ83098 | | 1.94 | 14.9 | 590 | 11.0 | 21.4 | <0.001 | 0.02 | 0.55 | 2.9 | 0.4 | 0.9 | 11.4 | 0.01 | 0.04 | 6.4 |
| ZZ83099 | | 2.08 | 14.4 | 340 | 13.5 | 24.9 | <0.001 | 0.01 | 0.60 | 3.9 | 0.4 | 1.4 | 9.4 | <0.01 | 0.03 | 11.3 |
| ZZ83100 | | 1.49 | 18.3 | 240 | 19.5 | 12.6 | <0.001 | 0.01 | 0.47 | 3.5 | 0.2 | 0.8 | 15.6 | <0.01 | 0.04 | 4.4 |
| ZZ83101 | | 1.07 | 24.8 | 560 | 10.7 | 15.1 | <0.001 | 0.01 | 0.31 | 3.1 | 0.3 | 0.5 | 15.2 | <0.01 | 0.03 | 3.9 |
| ZZ83102 | | 0.93 | 18.2 | 480 | 15.3 | 9.8 | <0.001 | 0.02 | 0.45 | 2.6 | 0.3 | 0.5 | 22.2 | <0.01 | 0.04 | 0.7 |
| ZZ83103 | | 0.93 | 20.1 | 410 | 14.6 | 10.4 | <0.001 | 0.02 | 0.35 | 2.8 | 0.4 | 0.6 | 21.9 | <0.01 | 0.06 | 0.9 |
| ZZ83104 | | 1.29 | 6.3 | 150 | 12.0 | 15.3 | <0.001 | 0.01 | 0.39 | 1.3 | 0.2 | 0.6 | 12.5 | <0.01 | 0.02 | 2.3 |
| ZZ83105 | | 2.74 | 11.0 | 150 | 14.1 | 22.3 | <0.001 | 0.01 | 0.40 | 2.5 | <0.2 | 1.1 | 16.1 | 0.01 | 0.03 | 8.5 |
| ZZ83106 | | 1.04 | 6.8 | 270 | 143.0 | 11.6 | <0.001 | 0.03 | 0.65 | 1.6 | 0.4 | 1.3 | 16.0 | <0.01 | 0.03 | 2.3 |
| ZZ83107 | | 1.45 | 13.1 | 300 | 79.8 | 25.0 | <0.001 | 0.10 | 0.73 | 2.5 | 0.6 | 0.8 | 28.0 | <0.01 | 0.02 | 16.2 |
| ZZ83108 | | 2.04 | 19.2 | 470 | 60.8 | 32.8 | 0.001 | 0.08 | 0.66 | 3.7 | 0.5 | 0.8 | 36.6 | 0.01 | 0.04 | 12.1 |
| ZZ83109 | | 1.91 | 14.6 | 480 | 43.1 | 28.3 | <0.001 | 0.03 | 0.31 | 2.9 | 0.3 | 0.8 | 39.1 | <0.01 | 0.04 | 3.3 |
| ZZ83110 | | 2.03 | 12.3 | 370 | 43.1 | 28.9 | <0.001 | 0.06 | 0.52 | 2.9 | 0.2 | 0.8 | 30.9 | <0.01 | 0.01 | 11.9 |
| ZZ83111 | | 1.44 | 17.6 | 520 | 27.1 | 17.3 | 0.001 | 0.03 | 0.40 | 4.2 | 0.5 | 0.8 | 31.2 | <0.01 | 0.03 | 7.4 |
| ZZ83112 | | 1.33 | 10.4 | 500 | 31.2 | 15.6 | <0.001 | 0.04 | 0.27 | 2.7 | 0.5 | 0.7 | 35.2 | 0.01 | 0.03 | 2.6 |
| ZZ83113 | | 2.21 | 12.5 | 340 | 42.2 | 18.5 | <0.001 | 0.03 | 0.36 | 2.8 | 0.4 | 0.8 | 38.9 | <0.01 | 0.08 | 11.5 |
| ZZ83114 | | 1.90 | 12.4 | 490 | 27.9 | 19.4 | <0.001 | 0.03 | 0.43 | 2.9 | 0.6 | 0.7 | 29.0 | <0.01 | 0.06 | 5.3 |
| ZZ83115 | | 1.86 | 15.8 | 570 | 67.7 | 25.3 | <0.001 | 0.03 | 0.47 | 3.3 | 0.5 | 0.6 | 31.4 | 0.01 | 0.04 | 5.5 |
| ZZ83116 | | 0.64 | 3.2 | 450 | 23.4 | 5.8 | <0.001 | 0.02 | 0.13 | 0.9 | 0.2 | 0.3 | 15.4 | 0.01 | 0.01 | 0.3 |
| ZZ83117 | | 2.27 | 7.3 | 460 | 36.0 | 22.3 | 0.001 | 0.14 | 0.37 | 2.1 | 1.1 | 2.7 | 42.0 | 0.02 | 0.09 | 9.6 |
| ZZ83118 | | 1.11 | 5.9 | 570 | 65.7 | 6.8 | <0.001 | 0.14 | 0.41 | 0.8 | 0.4 | 0.5 | 18.2 | <0.01 | 0.07 | 0.9 |
| ZZ83119 | | 1.82 | 11.6 | 510 | 89.9 | 37.6 | 0.001 | 0.43 | 0.92 | 3.1 | 0.5 | 0.9 | 43.9 | <0.01 | 0.07 | 19.6 |
| ZZ83120 | | 1.03 | 22.4 | 580 | 36.2 | 14.3 | <0.001 | 0.04 | 0.24 | 3.7 | 0.4 | 0.6 | 31.4 | <0.01 | 0.05 | 1.6 |

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

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To: **ATAC RESOURCES LTD.**
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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Ti | Tl | U | V | W | Y | Zn | Zr |
| | Units | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.005 | 0.02 | 0.05 | 1 | 0.05 | 0.05 | 2 | 0.5 |
| ZZ83081 | | 0.050 | 0.10 | 0.39 | 67 | 0.15 | 2.60 | 37 | <0.5 |
| ZZ83082 | | 0.048 | 0.02 | 0.12 | 28 | <0.05 | 0.83 | 15 | <0.5 |
| ZZ83083 | | 0.051 | 0.06 | 0.38 | 54 | 0.17 | 2.45 | 44 | <0.5 |
| ZZ83084 | | 0.036 | 0.07 | 0.28 | 36 | 0.06 | 1.15 | 18 | <0.5 |
| ZZ83085 | | 0.026 | 0.04 | 0.20 | 17 | <0.05 | 0.55 | 12 | <0.5 |
| ZZ83086 | | 0.046 | 0.09 | 1.12 | 56 | 0.10 | 17.80 | 62 | 1.7 |
| ZZ83087 | | 0.043 | 0.12 | 0.86 | 43 | 0.14 | 8.76 | 45 | 0.6 |
| ZZ83088 | | 0.025 | 0.04 | 0.30 | 15 | <0.05 | 1.00 | 18 | <0.5 |
| ZZ83089 | | 0.067 | 0.13 | 0.62 | 70 | 0.13 | 5.82 | 82 | 0.6 |
| ZZ83090 | | 0.058 | 0.11 | 0.54 | 43 | 0.13 | 2.88 | 39 | 0.6 |
| ZZ83091 | | 0.105 | 0.14 | 1.08 | 61 | 0.25 | 11.80 | 69 | 1.2 |
| ZZ83092 | | 0.094 | 0.13 | 1.12 | 55 | 0.17 | 10.70 | 62 | 0.9 |
| ZZ83093 | | 0.082 | 0.12 | 0.93 | 58 | 0.19 | 6.21 | 83 | <0.5 |
| ZZ83094 | | 0.078 | 0.12 | 0.52 | 54 | 0.18 | 3.65 | 73 | <0.5 |
| ZZ83095 | | 0.072 | 0.15 | 1.70 | 59 | 0.33 | 7.87 | 187 | <0.5 |
| ZZ83096 | | 0.132 | 0.31 | 1.08 | 70 | 0.21 | 9.02 | 53 | 0.7 |
| ZZ83097 | | 0.078 | 0.16 | 0.77 | 76 | 0.26 | 4.93 | 52 | 0.5 |
| ZZ83098 | | 0.075 | 0.15 | 1.04 | 69 | 0.28 | 4.34 | 54 | 1.6 |
| ZZ83099 | | 0.094 | 0.22 | 1.42 | 69 | 0.30 | 8.21 | 61 | 1.5 |
| ZZ83100 | | 0.086 | 0.14 | 0.74 | 58 | 0.23 | 3.93 | 71 | 0.9 |
| ZZ83101 | | 0.078 | 0.14 | 0.82 | 52 | 0.57 | 4.96 | 63 | <0.5 |
| ZZ83102 | | 0.072 | 0.09 | 0.78 | 54 | 0.21 | 4.48 | 69 | 0.5 |
| ZZ83103 | | 0.080 | 0.11 | 0.95 | 51 | 0.19 | 4.73 | 69 | <0.5 |
| ZZ83104 | | 0.063 | 0.11 | 0.97 | 36 | 0.16 | 2.72 | 27 | 0.5 |
| ZZ83105 | | 0.118 | 0.20 | 0.77 | 61 | 0.22 | 3.42 | 41 | 1.9 |
| ZZ83106 | | 0.055 | 0.15 | 2.08 | 39 | 0.14 | 3.65 | 54 | <0.5 |
| ZZ83107 | | 0.086 | 0.25 | 3.50 | 35 | 0.12 | 6.77 | 114 | 0.8 |
| ZZ83108 | | 0.173 | 0.38 | 1.74 | 68 | 0.19 | 4.27 | 117 | 2.6 |
| ZZ83109 | | 0.199 | 0.30 | 1.51 | 78 | 0.15 | 4.18 | 120 | 0.7 |
| ZZ83110 | | 0.115 | 0.26 | 2.09 | 46 | 0.18 | 5.02 | 105 | 1.0 |
| ZZ83111 | | 0.095 | 0.22 | 2.98 | 49 | 0.17 | 8.30 | 98 | 0.7 |
| ZZ83112 | | 0.063 | 0.20 | 2.72 | 32 | 0.17 | 7.59 | 108 | <0.5 |
| ZZ83113 | | 0.089 | 0.21 | 2.87 | 43 | 0.19 | 7.60 | 95 | 1.5 |
| ZZ83114 | | 0.088 | 0.26 | 2.78 | 44 | 0.20 | 9.17 | 73 | 0.7 |
| ZZ83115 | | 0.114 | 0.27 | 1.77 | 53 | 0.22 | 6.62 | 86 | 0.9 |
| ZZ83116 | | 0.053 | 0.08 | 0.73 | 24 | 0.09 | 3.49 | 29 | <0.5 |
| ZZ83117 | | 0.066 | 0.34 | 9.12 | 30 | 0.22 | 15.90 | 96 | 0.5 |
| ZZ83118 | | 0.045 | 0.10 | 2.14 | 28 | 0.14 | 2.32 | 38 | <0.5 |
| ZZ83119 | | 0.085 | 0.44 | 4.28 | 40 | 0.19 | 5.20 | 121 | 1.0 |
| ZZ83120 | | 0.082 | 0.23 | 1.32 | 57 | 0.25 | 4.82 | 103 | <0.5 |

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

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**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | WEI- 21 | Au- ICP21 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.001 | 0.01 | 0.01 | 0.1 | 0.02 | 10 | 10 | 0.05 | 0.01 | 0.01 | 0.01 | 0.02 | 0.1 | 1 |
| ZZ83121 | | 0.24 | <0.001 | 0.18 | 1.09 | 2.4 | <0.02 | <10 | 50 | 0.41 | 0.17 | 0.09 | 0.20 | 20.3 | 1.8 | 8 |
| ZZ83122 | | 0.24 | <0.001 | 0.09 | 0.75 | 8.2 | <0.02 | <10 | 50 | 0.09 | 0.20 | 0.09 | 0.16 | 11.65 | 2.3 | 12 |
| ZZ83123 | | 0.23 | <0.001 | 0.13 | 1.43 | 7.1 | <0.02 | <10 | 100 | 0.33 | 0.23 | 0.16 | 0.62 | 15.65 | 3.8 | 19 |
| ZZ83124 | | 0.26 | <0.001 | 0.25 | 1.17 | 4.6 | <0.02 | <10 | 120 | 0.41 | 0.21 | 0.38 | 0.64 | 13.55 | 5.0 | 16 |
| ZZ83125 | | 0.29 | 0.001 | 0.19 | 2.24 | 5.1 | <0.02 | <10 | 180 | 0.46 | 0.49 | 0.52 | 0.29 | 15.60 | 12.9 | 66 |
| ZZ83126 | | 0.26 | 0.002 | 0.44 | 1.88 | 5.3 | <0.02 | <10 | 230 | 0.73 | 0.55 | 0.75 | 0.35 | 24.9 | 13.0 | 43 |
| ZZ83127 | | 0.32 | <0.001 | 1.57 | 2.21 | 24.9 | <0.02 | <10 | 250 | 0.74 | 2.83 | 0.65 | 0.66 | 19.20 | 14.9 | 82 |
| ZZ83128 | | 0.39 | 0.003 | 0.45 | 2.61 | 8.6 | <0.02 | <10 | 220 | 1.01 | 0.68 | 0.28 | 0.69 | 38.4 | 11.1 | 69 |
| ZZ83129 | | 0.35 | <0.001 | 0.52 | 0.78 | 5.3 | <0.02 | <10 | 50 | 0.21 | 0.20 | 0.11 | 0.37 | 9.62 | 4.2 | 17 |
| ZZ83130 | | 0.23 | 0.007 | 0.45 | 0.65 | 6.9 | <0.02 | <10 | 40 | 0.15 | 0.39 | 0.08 | 0.25 | 8.79 | 2.0 | 14 |
| ZZ83131 | | 0.47 | 0.002 | 0.48 | 2.08 | 62.9 | <0.02 | <10 | 140 | 0.56 | 0.54 | 0.26 | 0.33 | 23.9 | 7.4 | 25 |
| ZZ83132 | | 0.47 | 0.001 | 0.20 | 1.68 | 31.5 | <0.02 | <10 | 120 | 0.50 | 0.43 | 0.14 | 0.32 | 18.95 | 5.3 | 20 |
| ZZ83133 | | 0.38 | 0.007 | 0.94 | 1.69 | 60.7 | <0.02 | <10 | 100 | 0.54 | 0.77 | 0.23 | 0.77 | 17.60 | 5.5 | 15 |
| ZZ83134 | | 0.38 | 0.008 | 1.24 | 2.41 | 175.0 | <0.02 | <10 | 160 | 0.80 | 1.48 | 0.45 | 0.79 | 26.8 | 10.2 | 23 |
| ZZ83135 | | 0.55 | 0.001 | 0.71 | 1.88 | 67.8 | <0.02 | <10 | 160 | 0.50 | 0.46 | 0.16 | 0.71 | 21.0 | 7.0 | 21 |
| ZZ83136 | | 0.39 | 0.003 | 1.32 | 2.81 | 175.0 | <0.02 | <10 | 150 | 0.91 | 1.13 | 0.37 | 0.60 | 26.2 | 11.1 | 21 |
| ZZ83137 | | 0.33 | <0.001 | 0.19 | 1.11 | 15.1 | <0.02 | <10 | 90 | 0.23 | 0.46 | 0.18 | 0.16 | 15.55 | 3.8 | 14 |
| ZZ83138 | | 0.39 | 0.002 | 0.17 | 1.86 | 30.7 | <0.02 | <10 | 130 | 0.66 | 0.39 | 0.31 | 0.24 | 23.3 | 8.0 | 19 |
| ZZ83139 | | 0.28 | <0.001 | 0.18 | 0.30 | 4.9 | <0.02 | <10 | 20 | <0.05 | 0.07 | 0.05 | 0.06 | 2.87 | 0.9 | 4 |
| ZZ83140 | | 0.21 | <0.001 | 0.39 | 0.59 | 7.6 | <0.02 | <10 | 90 | 0.37 | 0.16 | 0.09 | 0.52 | 18.85 | 1.6 | 8 |
| ZZ83141 | | 0.29 | 0.004 | 2.97 | 2.18 | 155.0 | <0.02 | <10 | 170 | 1.59 | 4.50 | 0.38 | 0.25 | 59.8 | 4.5 | 21 |
| ZZ83142 | | 0.33 | <0.001 | 0.30 | 0.39 | 7.4 | <0.02 | <10 | 30 | 0.23 | 0.36 | 0.07 | 0.10 | 6.64 | 0.8 | 4 |
| ZZ83143 | | 0.38 | <0.001 | 0.16 | 1.64 | 12.2 | <0.02 | <10 | 100 | 0.53 | 0.54 | 0.50 | 0.18 | 17.95 | 4.0 | 13 |
| ZZ83144 | | 0.29 | <0.001 | 0.44 | 1.18 | 5.2 | <0.02 | <10 | 100 | 0.69 | 0.21 | 0.29 | 0.33 | 17.90 | 3.3 | 10 |
| ZZ83145 | | 0.40 | <0.001 | 0.25 | 1.48 | 10.1 | <0.02 | <10 | 90 | 0.36 | 0.36 | 0.09 | 0.52 | 18.90 | 4.1 | 17 |
| ZZ83146 | | 0.45 | <0.001 | 0.25 | 3.12 | 9.1 | <0.02 | <10 | 130 | 1.43 | 0.28 | 1.41 | 0.14 | 26.1 | 6.4 | 12 |
| ZZ83147 | | 0.33 | 0.001 | 0.14 | 1.98 | 21.5 | <0.02 | <10 | 110 | 0.75 | 0.29 | 0.58 | 0.18 | 23.6 | 5.9 | 19 |
| ZZ83148 | | 0.39 | 0.001 | 0.15 | 2.17 | 24.9 | <0.02 | <10 | 260 | 0.64 | 0.27 | 0.33 | 0.20 | 25.8 | 10.1 | 44 |
| ZZ83149 | | 0.48 | 0.002 | 0.29 | 2.25 | 123.5 | <0.02 | <10 | 220 | 0.57 | 0.57 | 0.29 | 0.52 | 24.2 | 11.1 | 57 |
| ZZ83150 | | 0.41 | <0.001 | 0.20 | 1.83 | 54.3 | <0.02 | <10 | 180 | 0.42 | 0.38 | 0.20 | 0.25 | 19.30 | 8.4 | 35 |
| ZZ83151 | | 0.37 | <0.001 | 0.30 | 1.26 | 22.2 | <0.02 | <10 | 130 | 0.38 | 0.28 | 0.11 | 0.14 | 13.95 | 3.4 | 20 |
| ZZ83152 | | 0.38 | 0.002 | 1.13 | 1.60 | 62.3 | <0.02 | <10 | 110 | 0.54 | 2.92 | 0.19 | 0.52 | 40.3 | 5.8 | 23 |
| ZZ83501 | | 0.28 | 0.004 | 1.78 | 1.75 | 81.0 | <0.02 | <10 | 160 | 0.46 | 0.62 | 0.34 | 0.58 | 25.9 | 7.4 | 21 |
| ZZ83502 | | 0.29 | 0.023 | 15.40 | 2.50 | 471 | 0.02 | <10 | 140 | 1.72 | 1.68 | 0.96 | 1.69 | 30.4 | 3.9 | 8 |
| ZZ83503 | | 0.29 | 0.003 | 5.43 | 1.77 | 106.0 | <0.02 | <10 | 90 | 0.46 | 0.92 | 0.18 | 0.30 | 23.6 | 5.1 | 22 |
| ZZ83504 | | 0.28 | 0.010 | 3.44 | 2.11 | 271 | <0.02 | <10 | 140 | 0.97 | 1.29 | 0.57 | 0.76 | 28.4 | 5.9 | 19 |
| ZZ83505 | | 0.28 | <0.001 | 0.37 | 1.52 | 29.6 | <0.02 | <10 | 130 | 0.66 | 0.27 | 0.25 | 0.50 | 24.0 | 4.5 | 15 |
| ZZ83506 | | 0.26 | 0.012 | 4.52 | 2.10 | 289 | <0.02 | <10 | 160 | 1.10 | 1.34 | 0.43 | 0.83 | 25.2 | 5.5 | 19 |
| ZZ83507 | | 0.26 | 0.006 | 3.14 | 2.06 | 213 | <0.02 | <10 | 150 | 0.91 | 0.64 | 0.49 | 0.88 | 23.9 | 4.9 | 18 |
| ZZ83508 | | 0.25 | 0.008 | 5.41 | 2.75 | 337 | <0.02 | <10 | 230 | 1.21 | 0.96 | 0.42 | 0.73 | 32.9 | 12.3 | 22 |

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

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To: **ATAC RESOURCES LTD.**
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**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo | Na |
| | Units | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % |
| | LOR | 0.05 | 0.2 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.2 | 0.1 | 0.01 | 5 | 0.05 | 0.01 |
| ZZ83121 | | 0.76 | 13.1 | 0.95 | 3.09 | <0.05 | <0.02 | 0.05 | 0.012 | 0.04 | 11.5 | 3.4 | 0.10 | 62 | 0.50 | 0.02 |
| ZZ83122 | | 0.98 | 8.3 | 1.44 | 6.29 | <0.05 | <0.02 | 0.04 | 0.013 | 0.03 | 5.8 | 2.8 | 0.10 | 92 | 0.90 | 0.01 |
| ZZ83123 | | 1.06 | 13.7 | 2.29 | 7.46 | <0.05 | <0.02 | 0.08 | 0.022 | 0.05 | 8.0 | 9.6 | 0.21 | 203 | 1.10 | <0.01 |
| ZZ83124 | | 1.00 | 15.3 | 1.51 | 4.45 | <0.05 | <0.02 | 0.10 | 0.022 | 0.06 | 6.7 | 6.2 | 0.21 | 247 | 1.06 | 0.01 |
| ZZ83125 | | 3.05 | 31.9 | 2.24 | 8.26 | 0.11 | <0.02 | 0.04 | 0.023 | 0.17 | 8.4 | 20.7 | 0.95 | 276 | 1.29 | 0.02 |
| ZZ83126 | | 1.85 | 50.2 | 2.22 | 7.03 | 0.12 | 0.02 | 0.06 | 0.037 | 0.19 | 14.1 | 17.2 | 0.71 | 351 | 1.19 | 0.01 |
| ZZ83127 | | 2.83 | 42.3 | 2.12 | 8.17 | 0.11 | <0.02 | 0.06 | 0.075 | 0.21 | 10.3 | 19.3 | 0.91 | 503 | 1.88 | 0.02 |
| ZZ83128 | | 2.49 | 43.3 | 2.90 | 9.58 | 0.13 | 0.03 | 0.06 | 0.061 | 0.12 | 22.8 | 25.7 | 0.78 | 232 | 1.13 | 0.02 |
| ZZ83129 | | 0.95 | 13.4 | 1.09 | 3.76 | 0.08 | <0.02 | 0.05 | 0.012 | 0.07 | 4.7 | 6.6 | 0.21 | 118 | 0.58 | 0.02 |
| ZZ83130 | | 1.22 | 10.4 | 0.93 | 3.70 | 0.09 | <0.02 | 0.04 | 0.015 | 0.06 | 4.7 | 4.1 | 0.13 | 70 | 0.44 | 0.01 |
| ZZ83131 | | 2.16 | 18.0 | 2.98 | 7.80 | 0.09 | 0.04 | 0.02 | 0.027 | 0.05 | 13.8 | 19.7 | 0.47 | 248 | 1.44 | 0.01 |
| ZZ83132 | | 2.28 | 14.0 | 2.36 | 7.61 | 0.09 | <0.02 | 0.02 | 0.022 | 0.04 | 10.3 | 16.2 | 0.35 | 210 | 2.33 | 0.01 |
| ZZ83133 | | 2.92 | 14.0 | 2.22 | 7.46 | 0.08 | 0.02 | 0.03 | 0.032 | 0.04 | 10.1 | 17.1 | 0.35 | 258 | 2.47 | 0.01 |
| ZZ83134 | | 4.68 | 33.0 | 2.89 | 7.83 | 0.10 | 0.04 | 0.04 | 0.069 | 0.07 | 15.5 | 24.4 | 0.53 | 391 | 3.56 | 0.01 |
| ZZ83135 | | 2.06 | 18.6 | 2.61 | 8.12 | 0.09 | 0.02 | 0.03 | 0.026 | 0.03 | 11.4 | 15.9 | 0.30 | 222 | 2.74 | 0.01 |
| ZZ83136 | | 5.35 | 35.0 | 3.49 | 8.17 | 0.10 | 0.05 | 0.04 | 0.052 | 0.08 | 15.9 | 36.9 | 0.56 | 477 | 9.46 | 0.01 |
| ZZ83137 | | 2.52 | 13.2 | 1.73 | 6.30 | 0.09 | <0.02 | 0.03 | 0.015 | 0.05 | 8.6 | 10.4 | 0.26 | 178 | 1.65 | 0.01 |
| ZZ83138 | | 3.29 | 15.4 | 2.22 | 6.28 | 0.10 | <0.02 | 0.03 | 0.022 | 0.07 | 12.3 | 19.1 | 0.38 | 305 | 1.52 | 0.01 |
| ZZ83139 | | 0.45 | 2.3 | 0.47 | 1.90 | 0.07 | <0.02 | 0.02 | <0.005 | 0.02 | 1.6 | 0.8 | 0.03 | 34 | 0.24 | 0.02 |
| ZZ83140 | | 0.98 | 16.2 | 0.65 | 2.53 | 0.10 | <0.02 | 0.03 | 0.011 | 0.03 | 16.9 | 2.2 | 0.07 | 79 | 0.60 | 0.01 |
| ZZ83141 | | 3.78 | 54.1 | 2.21 | 8.00 | 0.16 | <0.02 | 0.10 | 0.035 | 0.05 | 44.8 | 16.4 | 0.27 | 276 | 4.42 | 0.01 |
| ZZ83142 | | 1.24 | 7.4 | 0.45 | 2.32 | 0.07 | <0.02 | 0.02 | 0.006 | 0.03 | 4.5 | 1.8 | 0.04 | 29 | 0.66 | 0.01 |
| ZZ83143 | | 2.83 | 17.1 | 1.68 | 5.56 | 0.08 | <0.02 | 0.04 | 0.016 | 0.07 | 12.1 | 12.9 | 0.27 | 162 | 1.28 | 0.02 |
| ZZ83144 | | 2.17 | 19.5 | 1.11 | 4.49 | 0.09 | <0.02 | 0.06 | 0.014 | 0.04 | 11.6 | 6.1 | 0.14 | 98 | 1.30 | 0.01 |
| ZZ83145 | | 1.32 | 14.0 | 2.69 | 9.73 | 0.08 | 0.04 | 0.04 | 0.018 | 0.04 | 9.8 | 9.9 | 0.17 | 120 | 2.55 | <0.01 |
| ZZ83146 | | 5.44 | 41.5 | 2.33 | 10.45 | 0.11 | <0.02 | 0.03 | 0.022 | 0.09 | 18.2 | 17.1 | 0.37 | 257 | 1.58 | 0.01 |
| ZZ83147 | | 3.56 | 17.9 | 2.27 | 7.59 | 0.09 | <0.02 | 0.04 | 0.019 | 0.09 | 14.4 | 16.2 | 0.36 | 254 | 1.04 | 0.01 |
| ZZ83148 | | 2.03 | 30.0 | 2.71 | 7.68 | 0.11 | 0.02 | 0.09 | 0.025 | 0.12 | 13.0 | 19.7 | 0.66 | 302 | 1.09 | 0.01 |
| ZZ83149 | | 2.36 | 37.3 | 2.98 | 8.21 | 0.12 | 0.03 | 0.03 | 0.030 | 0.15 | 12.4 | 25.3 | 0.80 | 386 | 1.80 | 0.01 |
| ZZ83150 | | 1.73 | 29.3 | 2.31 | 6.94 | 0.09 | <0.02 | 0.03 | 0.023 | 0.11 | 9.9 | 18.3 | 0.52 | 299 | 1.49 | 0.01 |
| ZZ83151 | | 1.30 | 29.3 | 1.44 | 5.16 | 0.08 | <0.02 | 0.04 | 0.016 | 0.05 | 7.2 | 8.5 | 0.25 | 85 | 1.01 | 0.01 |
| ZZ83152 | | 1.95 | 53.3 | 2.24 | 5.40 | 0.10 | <0.02 | 0.03 | 0.027 | 0.08 | 22.1 | 15.8 | 0.50 | 317 | 2.19 | 0.01 |
| ZZ83501 | | 2.01 | 15.7 | 2.04 | 6.39 | 0.09 | <0.02 | 0.06 | 0.034 | 0.04 | 15.2 | 14.6 | 0.44 | 289 | 1.92 | 0.01 |
| ZZ83502 | | 4.35 | 81.4 | 2.11 | 7.61 | 0.10 | <0.02 | 0.04 | 0.164 | 0.09 | 20.5 | 13.3 | 0.35 | 470 | 2.96 | 0.02 |
| ZZ83503 | | 2.40 | 31.2 | 3.45 | 11.55 | 0.09 | 0.02 | 0.07 | 0.032 | 0.06 | 12.8 | 12.7 | 0.29 | 217 | 2.43 | 0.01 |
| ZZ83504 | | 3.64 | 56.0 | 2.98 | 7.76 | 0.10 | <0.02 | 0.02 | 0.064 | 0.06 | 17.4 | 18.0 | 0.47 | 421 | 3.04 | 0.01 |
| ZZ83505 | | 2.35 | 36.5 | 2.17 | 7.70 | 0.09 | <0.02 | 0.02 | 0.027 | 0.06 | 14.0 | 13.9 | 0.28 | 223 | 1.51 | 0.01 |
| ZZ83506 | | 2.66 | 76.9 | 2.77 | 7.86 | 0.09 | <0.02 | 0.05 | 0.099 | 0.05 | 15.9 | 15.3 | 0.46 | 421 | 4.98 | 0.01 |
| ZZ83507 | | 3.19 | 55.5 | 2.35 | 7.62 | 0.10 | <0.02 | 0.05 | 0.075 | 0.06 | 14.8 | 16.2 | 0.43 | 301 | 3.29 | 0.01 |
| ZZ83508 | | 2.78 | 67.1 | 3.25 | 9.17 | 0.10 | <0.02 | 0.08 | 0.075 | 0.06 | 18.7 | 15.1 | 0.45 | 877 | 9.00 | 0.02 |

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

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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th |
| | Units | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.05 | 0.2 | 10 | 0.2 | 0.1 | 0.001 | 0.01 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 | 0.01 | 0.2 |
| ZZ83121 | | 0.65 | 3.6 | 460 | 12.6 | 4.1 | <0.001 | 0.04 | 0.13 | 1.1 | 0.4 | 0.3 | 10.5 | 0.01 | 0.02 | 0.5 |
| ZZ83122 | | 1.07 | 5.4 | 300 | 11.2 | 4.2 | <0.001 | 0.03 | 0.34 | 1.3 | 0.2 | 0.6 | 11.9 | <0.01 | 0.04 | 0.5 |
| ZZ83123 | | 1.33 | 8.9 | 450 | 11.3 | 7.1 | <0.001 | 0.05 | 0.38 | 1.7 | 0.3 | 0.6 | 16.4 | <0.01 | 0.06 | 0.6 |
| ZZ83124 | | 0.65 | 9.0 | 720 | 29.2 | 7.2 | <0.001 | 0.09 | 0.28 | 1.0 | 0.3 | 0.4 | 24.4 | 0.01 | 0.05 | <0.2 |
| ZZ83125 | | 1.19 | 39.2 | 650 | 17.6 | 21.3 | 0.001 | 0.05 | 0.23 | 4.9 | 0.5 | 0.6 | 37.6 | 0.01 | 0.09 | 1.1 |
| ZZ83126 | | 1.51 | 27.2 | 770 | 50.0 | 19.7 | <0.001 | 0.08 | 0.27 | 4.7 | 0.8 | 0.5 | 43.0 | 0.01 | 0.06 | 1.5 |
| ZZ83127 | | 1.20 | 49.5 | 770 | 404 | 21.6 | <0.001 | 0.08 | 2.30 | 4.8 | 0.6 | 0.6 | 55.8 | 0.01 | 0.06 | 0.9 |
| ZZ83128 | | 2.50 | 41.3 | 460 | 48.1 | 16.6 | <0.001 | 0.03 | 0.26 | 5.4 | 0.8 | 0.8 | 36.7 | 0.01 | 0.08 | 3.1 |
| ZZ83129 | | 0.59 | 9.5 | 370 | 20.3 | 7.8 | <0.001 | 0.03 | 0.15 | 1.0 | 0.2 | 0.3 | 12.7 | <0.01 | 0.02 | <0.2 |
| ZZ83130 | | 0.56 | 7.2 | 350 | 19.7 | 8.7 | <0.001 | 0.04 | 0.15 | 0.8 | 0.3 | 0.3 | 15.0 | <0.01 | 0.02 | <0.2 |
| ZZ83131 | | 1.38 | 15.8 | 510 | 104.5 | 10.1 | <0.001 | 0.01 | 0.66 | 3.6 | 0.4 | 0.5 | 53.3 | <0.01 | 0.03 | 8.9 |
| ZZ83132 | | 1.11 | 11.8 | 310 | 35.0 | 11.9 | <0.001 | 0.01 | 0.53 | 2.4 | 0.3 | 0.5 | 37.1 | <0.01 | 0.03 | 1.6 |
| ZZ83133 | | 1.42 | 9.2 | 340 | 139.5 | 12.3 | <0.001 | 0.01 | 0.79 | 2.5 | 0.3 | 0.5 | 70.5 | <0.01 | 0.03 | 6.8 |
| ZZ83134 | | 1.59 | 17.0 | 590 | 233 | 14.5 | <0.001 | 0.02 | 2.15 | 3.8 | 0.4 | 0.5 | 102.5 | 0.01 | 0.04 | 12.3 |
| ZZ83135 | | 1.52 | 13.3 | 250 | 65.6 | 12.5 | <0.001 | 0.01 | 0.97 | 3.1 | 0.3 | 0.7 | 39.6 | <0.01 | 0.03 | 4.9 |
| ZZ83136 | | 1.83 | 15.4 | 800 | 99.7 | 18.0 | <0.001 | 0.02 | 0.92 | 3.7 | 0.4 | 0.5 | 118.0 | 0.01 | 0.04 | 12.6 |
| ZZ83137 | | 0.91 | 8.6 | 440 | 16.2 | 9.3 | <0.001 | 0.02 | 0.38 | 1.5 | 0.2 | 0.5 | 68.1 | <0.01 | 0.02 | 0.9 |
| ZZ83138 | | 1.24 | 12.4 | 480 | 35.7 | 10.1 | <0.001 | 0.02 | 0.54 | 2.8 | 0.3 | 0.4 | 104.0 | 0.01 | 0.02 | 5.7 |
| ZZ83139 | | 0.15 | 1.6 | 230 | 5.0 | 1.9 | <0.001 | 0.02 | 0.11 | 0.2 | <0.2 | <0.2 | 8.5 | <0.01 | 0.01 | <0.2 |
| ZZ83140 | | 0.17 | 5.3 | 460 | 22.3 | 7.4 | <0.001 | 0.03 | 0.18 | 0.3 | 0.3 | 0.2 | 28.8 | <0.01 | 0.02 | <0.2 |
| ZZ83141 | | 0.50 | 12.1 | 880 | 84.5 | 11.2 | <0.001 | 0.07 | 0.65 | 1.9 | 1.0 | 0.5 | 118.5 | <0.01 | 0.05 | 1.2 |
| ZZ83142 | | 0.11 | 1.7 | 310 | 13.8 | 5.5 | <0.001 | 0.02 | 0.09 | 0.2 | <0.2 | 0.2 | 20.8 | <0.01 | 0.01 | <0.2 |
| ZZ83143 | | 0.58 | 7.3 | 600 | 25.4 | 8.9 | <0.001 | 0.02 | 0.32 | 1.2 | 0.3 | 0.3 | 93.8 | 0.01 | 0.02 | 0.6 |
| ZZ83144 | | 0.38 | 6.5 | 680 | 28.6 | 7.3 | <0.001 | 0.06 | 0.25 | 0.5 | 0.4 | 0.3 | 55.3 | <0.01 | 0.03 | <0.2 |
| ZZ83145 | | 2.58 | 8.7 | 270 | 30.0 | 12.6 | <0.001 | 0.02 | 0.48 | 2.0 | 0.3 | 0.9 | 20.8 | 0.02 | 0.03 | 10.2 |
| ZZ83146 | | 0.92 | 7.4 | 1030 | 24.2 | 13.4 | <0.001 | 0.02 | 0.47 | 1.4 | 0.4 | 0.4 | 206 | <0.01 | 0.03 | 1.6 |
| ZZ83147 | | 1.29 | 12.1 | 680 | 21.6 | 13.8 | <0.001 | 0.02 | 0.43 | 2.5 | 0.3 | 0.5 | 90.3 | 0.01 | 0.03 | 2.0 |
| ZZ83148 | | 2.39 | 30.5 | 600 | 16.0 | 18.4 | <0.001 | 0.02 | 0.43 | 5.1 | 0.8 | 0.6 | 38.8 | <0.01 | 0.04 | 1.7 |
| ZZ83149 | | 2.68 | 34.4 | 690 | 63.0 | 19.2 | <0.001 | 0.04 | 0.87 | 5.9 | 1.0 | 0.5 | 37.9 | <0.01 | 0.07 | 3.1 |
| ZZ83150 | | 1.31 | 25.0 | 460 | 18.9 | 16.4 | <0.001 | 0.03 | 0.45 | 2.9 | 0.6 | 0.5 | 28.1 | <0.01 | 0.05 | 0.5 |
| ZZ83151 | | 0.76 | 14.3 | 430 | 12.2 | 8.7 | <0.001 | 0.02 | 0.29 | 1.6 | 0.5 | 0.3 | 19.2 | <0.01 | 0.03 | <0.2 |
| ZZ83152 | | 0.98 | 16.0 | 450 | 122.5 | 16.8 | <0.001 | 0.04 | 1.17 | 2.0 | 0.7 | 0.4 | 21.7 | <0.01 | 0.06 | 2.2 |
| ZZ83501 | | 0.97 | 11.6 | 890 | 157.5 | 12.2 | <0.001 | 0.04 | 1.22 | 2.5 | 0.4 | 0.4 | 47.2 | <0.01 | 0.02 | 2.1 |
| ZZ83502 | | 0.83 | 5.2 | 1100 | 2000 | 17.3 | <0.001 | 0.04 | 10.20 | 3.1 | 0.3 | 0.4 | 281 | 0.01 | 0.01 | 9.9 |
| ZZ83503 | | 1.93 | 10.3 | 520 | 346 | 12.2 | <0.001 | 0.03 | 2.57 | 2.7 | 0.4 | 0.6 | 68.8 | 0.01 | 0.04 | 5.4 |
| ZZ83504 | | 1.12 | 10.6 | 890 | 700 | 13.7 | <0.001 | 0.02 | 3.36 | 3.0 | 0.3 | 0.4 | 158.0 | <0.01 | 0.02 | 8.8 |
| ZZ83505 | | 1.10 | 7.2 | 590 | 70.8 | 13.6 | <0.001 | 0.01 | 0.51 | 1.9 | 0.3 | 0.5 | 134.0 | <0.01 | 0.01 | 2.6 |
| ZZ83506 | | 0.92 | 10.7 | 760 | 634 | 18.4 | <0.001 | 0.03 | 2.41 | 2.8 | 0.4 | 0.5 | 121.0 | <0.01 | 0.03 | 3.8 |
| ZZ83507 | | 0.89 | 9.7 | 1030 | 353 | 18.8 | <0.001 | 0.05 | 1.86 | 2.8 | 0.3 | 0.4 | 121.0 | <0.01 | 0.02 | 3.5 |
| ZZ83508 | | 0.95 | 12.7 | 960 | 1030 | 18.4 | <0.001 | 0.05 | 3.00 | 4.0 | 0.6 | 0.5 | 83.9 | <0.01 | 0.03 | 4.9 |

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

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**1016- 510 W HASTINGS ST**
**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Ti | Tl | U | V | W | Y | Zn | Zr |
| | Units | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.005 | 0.02 | 0.05 | 1 | 0.05 | 0.05 | 2 | 0.5 |
| ZZ83121 | | 0.035 | 0.05 | 1.27 | 16 | 0.12 | 5.93 | 23 | 0.5 |
| ZZ83122 | | 0.078 | 0.06 | 0.35 | 52 | 0.21 | 1.56 | 26 | 0.5 |
| ZZ83123 | | 0.077 | 0.08 | 0.51 | 61 | 0.22 | 2.58 | 62 | 0.7 |
| ZZ83124 | | 0.044 | 0.09 | 0.63 | 35 | 0.17 | 3.74 | 55 | <0.5 |
| ZZ83125 | | 0.091 | 0.22 | 0.89 | 57 | 0.19 | 5.07 | 91 | 0.5 |
| ZZ83126 | | 0.107 | 0.21 | 1.90 | 56 | 0.16 | 9.51 | 93 | 0.9 |
| ZZ83127 | | 0.086 | 0.26 | 1.48 | 64 | 0.18 | 6.08 | 178 | 0.6 |
| ZZ83128 | | 0.132 | 0.19 | 2.07 | 61 | 0.22 | 10.10 | 145 | 1.3 |
| ZZ83129 | | 0.056 | 0.08 | 0.43 | 28 | 0.08 | 1.54 | 40 | <0.5 |
| ZZ83130 | | 0.045 | 0.10 | 0.62 | 22 | 0.08 | 1.06 | 33 | <0.5 |
| ZZ83131 | | 0.092 | 0.12 | 1.71 | 67 | 1.25 | 3.53 | 75 | 1.7 |
| ZZ83132 | | 0.073 | 0.11 | 0.89 | 58 | 1.19 | 2.49 | 59 | 0.5 |
| ZZ83133 | | 0.072 | 0.10 | 1.14 | 50 | 1.05 | 2.18 | 117 | 0.7 |
| ZZ83134 | | 0.089 | 0.13 | 1.97 | 55 | 4.31 | 3.93 | 179 | 1.3 |
| ZZ83135 | | 0.078 | 0.14 | 0.84 | 65 | 1.05 | 2.91 | 73 | 1.2 |
| ZZ83136 | | 0.084 | 0.17 | 2.11 | 60 | 6.65 | 3.97 | 151 | 1.8 |
| ZZ83137 | | 0.072 | 0.08 | 0.80 | 45 | 2.63 | 1.89 | 40 | <0.5 |
| ZZ83138 | | 0.066 | 0.10 | 1.48 | 47 | 0.62 | 3.36 | 57 | 0.5 |
| ZZ83139 | | 0.022 | 0.03 | 0.24 | 12 | 0.09 | 0.46 | 11 | <0.5 |
| ZZ83140 | | 0.018 | 0.05 | 1.14 | 15 | 0.08 | 5.23 | 31 | <0.5 |
| ZZ83141 | | 0.025 | 0.16 | 8.67 | 40 | 0.34 | 14.45 | 94 | <0.5 |
| ZZ83142 | | 0.015 | 0.04 | 1.14 | 11 | 0.69 | 0.89 | 12 | <0.5 |
| ZZ83143 | | 0.045 | 0.08 | 1.34 | 39 | 2.86 | 2.10 | 47 | <0.5 |
| ZZ83144 | | 0.026 | 0.07 | 3.14 | 23 | 0.83 | 3.32 | 31 | <0.5 |
| ZZ83145 | | 0.112 | 0.09 | 1.04 | 84 | 2.84 | 2.12 | 30 | 1.7 |
| ZZ83146 | | 0.050 | 0.15 | 3.97 | 49 | 1.93 | 3.77 | 48 | <0.5 |
| ZZ83147 | | 0.074 | 0.12 | 1.14 | 53 | 0.30 | 3.36 | 47 | <0.5 |
| ZZ83148 | | 0.131 | 0.16 | 1.07 | 74 | 0.40 | 6.44 | 78 | 0.8 |
| ZZ83149 | | 0.146 | 0.19 | 0.98 | 92 | 0.27 | 5.42 | 172 | 1.1 |
| ZZ83150 | | 0.084 | 0.16 | 0.95 | 67 | 0.18 | 3.94 | 73 | 0.5 |
| ZZ83151 | | 0.057 | 0.11 | 1.13 | 43 | 0.14 | 5.06 | 34 | <0.5 |
| ZZ83152 | | 0.054 | 0.24 | 4.14 | 42 | 0.22 | 5.58 | 115 | <0.5 |
| ZZ83501 | | 0.069 | 0.16 | 3.94 | 43 | 0.58 | 4.58 | 128 | <0.5 |
| ZZ83502 | | 0.029 | 0.13 | 7.93 | 37 | 0.76 | 4.49 | 346 | 0.5 |
| ZZ83503 | | 0.079 | 0.16 | 1.23 | 80 | 0.47 | 3.04 | 55 | 0.9 |
| ZZ83504 | | 0.067 | 0.14 | 4.09 | 66 | 2.94 | 4.61 | 188 | 0.6 |
| ZZ83505 | | 0.066 | 0.11 | 2.64 | 54 | 0.85 | 3.74 | 75 | <0.5 |
| ZZ83506 | | 0.048 | 0.17 | 7.00 | 59 | 1.51 | 4.63 | 277 | <0.5 |
| ZZ83507 | | 0.053 | 0.13 | 7.69 | 51 | 1.29 | 4.51 | 211 | <0.5 |
| ZZ83508 | | 0.053 | 0.15 | 11.50 | 66 | 1.91 | 7.89 | 212 | <0.5 |

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

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


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | WEI- 21 | Au- ICP21 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.001 | 0.01 | 0.01 | 0.1 | 0.02 | 10 | 10 | 0.05 | 0.01 | 0.01 | 0.01 | 0.02 | 0.1 | 1 |
| ZZ83509 | | 0.30 | 0.002 | 3.83 | 2.17 | 152.5 | <0.02 | <10 | 170 | 0.63 | 0.50 | 0.39 | 0.62 | 32.0 | 6.0 | 21 |
| ZZ83510 | | 0.19 | 0.008 | 4.24 | 2.40 | 478 | <0.02 | <10 | 200 | 0.66 | 0.78 | 0.46 | 0.62 | 29.5 | 6.4 | 22 |
| ZZ83511 | | 0.25 | 0.002 | 0.76 | 2.02 | 223 | <0.02 | <10 | 180 | 0.47 | 0.22 | 0.29 | 0.46 | 26.7 | 7.3 | 31 |
| ZZ83512 | | 0.19 | 0.002 | 1.53 | 1.85 | 132.0 | <0.02 | <10 | 120 | 0.29 | 0.31 | 0.27 | 0.49 | 21.7 | 5.7 | 29 |
| ZZ83513 | | 0.28 | 0.004 | 3.01 | 2.52 | 352 | <0.02 | <10 | 210 | 0.74 | 0.39 | 0.78 | 1.00 | 27.1 | 8.0 | 37 |
| ZZ83514 | | 0.25 | <0.001 | 0.13 | 4.72 | 39.7 | <0.02 | <10 | 270 | 1.40 | 0.14 | 0.55 | 0.44 | 35.1 | 13.4 | 76 |
| ZZ83515 | | 0.22 | <0.001 | 0.28 | 2.09 | 8.6 | <0.02 | <10 | 140 | 0.75 | 0.16 | 0.15 | 0.25 | 26.6 | 4.2 | 27 |
| ZZ83516 | | 0.34 | 0.003 | 0.11 | 2.90 | 17.8 | <0.02 | <10 | 240 | 0.93 | 0.44 | 0.41 | 0.25 | 33.2 | 8.3 | 63 |
| ZZ83517 | | 0.18 | 0.002 | 0.86 | 1.82 | 14.2 | <0.02 | <10 | 130 | 0.55 | 0.92 | 0.32 | 0.27 | 34.4 | 7.8 | 27 |
| ZZ83518 | | 0.35 | 0.001 | 0.28 | 1.94 | 13.7 | <0.02 | <10 | 120 | 0.54 | 0.58 | 0.27 | 0.44 | 39.0 | 11.0 | 30 |
| ZZ83519 | | 0.18 | 0.002 | 0.83 | 2.17 | 14.5 | <0.02 | <10 | 150 | 0.64 | 0.72 | 0.28 | 0.40 | 37.4 | 8.8 | 31 |
| ZZ83520 | | 0.10 | 0.011 | 0.57 | 2.10 | 15.5 | <0.02 | <10 | 180 | 0.76 | 0.89 | 0.17 | 0.64 | 45.2 | 11.6 | 26 |
| ZZ83521 | | 0.12 | 0.014 | 0.31 | 0.97 | 3.4 | <0.02 | <10 | 60 | 0.21 | 0.25 | 0.24 | 1.44 | 19.30 | 3.4 | 17 |
| ZZ83522 | | 0.12 | 0.001 | 0.58 | 2.15 | 8.4 | <0.02 | <10 | 160 | 0.77 | 0.43 | 0.63 | 0.47 | 42.5 | 19.4 | 29 |
| ZZ83523 | | 0.27 | <0.001 | 0.34 | 2.40 | 9.6 | <0.02 | <10 | 130 | 0.95 | 0.62 | 0.42 | 0.32 | 37.8 | 11.2 | 31 |
| ZZ83524 | | 0.25 | <0.001 | 0.48 | 2.24 | 11.0 | <0.02 | <10 | 140 | 0.60 | 0.66 | 0.30 | 0.23 | 34.0 | 9.8 | 28 |
| ZZ83525 | | 0.30 | 0.001 | 0.44 | 2.26 | 25.1 | <0.02 | <10 | 160 | 0.52 | 0.54 | 0.30 | 0.23 | 33.3 | 8.6 | 40 |
| ZZ83526 | | 0.28 | <0.001 | 0.13 | 2.93 | 36.0 | <0.02 | <10 | 180 | 0.71 | 0.21 | 0.41 | 0.37 | 29.1 | 8.5 | 31 |
| ZZ83527 | | 0.26 | <0.001 | 0.72 | 3.20 | 79.1 | <0.02 | <10 | 270 | 0.99 | 0.14 | 0.89 | 1.17 | 37.5 | 15.6 | 59 |
| ZZ83528 | | 0.17 | 0.001 | 1.65 | 1.86 | 94.4 | <0.02 | <10 | 150 | 0.36 | 0.23 | 0.29 | 0.47 | 24.4 | 5.1 | 30 |
| ZZ83529 | | 0.25 | 0.004 | 1.26 | 2.13 | 144.0 | <0.02 | <10 | 170 | 0.50 | 0.39 | 0.27 | 0.44 | 25.8 | 6.4 | 32 |
| ZZ83530 | | 0.20 | 0.004 | 2.62 | 2.21 | 251 | <0.02 | <10 | 180 | 0.48 | 0.67 | 0.38 | 0.51 | 23.1 | 8.7 | 28 |
| ZZ83531 | | 0.22 | 0.002 | 3.49 | 2.35 | 125.5 | <0.02 | <10 | 170 | 0.54 | 0.59 | 0.34 | 0.61 | 25.8 | 4.4 | 25 |
| ZZ83532 | | 0.27 | 0.001 | 1.00 | 1.64 | 78.2 | <0.02 | <10 | 130 | 0.61 | 0.40 | 0.24 | 0.80 | 26.4 | 3.5 | 20 |
| ZZ83533 | | 0.28 | 0.006 | 4.14 | 2.26 | 337 | <0.02 | <10 | 150 | 0.91 | 0.79 | 0.47 | 0.53 | 28.0 | 5.8 | 19 |
| ZZ83534 | | 0.24 | 0.014 | 2.43 | 2.10 | 108.5 | <0.02 | <10 | 130 | 0.87 | 0.69 | 0.43 | 0.68 | 26.5 | 4.1 | 19 |
| ZZ83535 | | 0.31 | 0.013 | 6.54 | 1.74 | 198.0 | <0.02 | <10 | 110 | 0.88 | 1.15 | 0.28 | 1.03 | 25.4 | 4.9 | 20 |
| ZZ83536 | | 0.22 | 0.002 | 0.23 | 1.03 | 25.1 | <0.02 | <10 | 70 | 0.25 | 0.20 | 0.13 | 0.49 | 11.30 | 4.0 | 16 |
| ZZ83537 | | 0.12 | 0.005 | 1.44 | 1.78 | 113.5 | <0.02 | <10 | 210 | 0.66 | 0.71 | 0.71 | 1.91 | 47.5 | 12.6 | 28 |
| ZZ83538 | | 0.18 | <0.001 | 0.37 | 0.96 | 18.2 | <0.02 | <10 | 60 | 0.15 | 0.19 | 0.11 | 0.14 | 8.97 | 5.0 | 14 |
| ZZ83539 | | 0.08 | 0.005 | 0.23 | 0.71 | 10.4 | <0.02 | <10 | 130 | 0.25 | 0.11 | 0.21 | 0.37 | 14.30 | 4.5 | 12 |
| ZZ83540 | | 0.15 | <0.001 | 0.23 | 1.51 | 31.2 | <0.02 | <10 | 140 | 0.30 | 0.22 | 0.18 | 0.32 | 14.85 | 6.0 | 26 |
| ZZ83541 | | 0.16 | <0.001 | 0.28 | 1.60 | 72.7 | <0.02 | <10 | 130 | 0.37 | 0.44 | 0.23 | 0.43 | 17.45 | 9.4 | 34 |
| ZZ83542 | | 0.05 | <0.001 | 0.14 | 1.08 | 21.0 | <0.02 | <10 | 100 | 0.26 | 0.23 | 0.26 | 0.71 | 16.55 | 4.6 | 19 |
| ZZ83543 | | 0.19 | <0.001 | 0.23 | 1.34 | 46.9 | <0.02 | <10 | 120 | 0.29 | 0.27 | 0.16 | 0.43 | 17.55 | 7.5 | 29 |
| ZZ83544 | | 0.08 | <0.001 | 0.47 | 2.19 | 73.0 | <0.02 | <10 | 240 | 0.66 | 0.53 | 0.42 | 0.89 | 27.2 | 12.6 | 46 |
| ZZ83545 | | 0.13 | 0.002 | 0.29 | 1.37 | 57.1 | <0.02 | <10 | 150 | 0.30 | 0.20 | 0.34 | 0.38 | 17.00 | 7.5 | 26 |
| ZZ83546 | | 0.29 | 0.001 | 0.75 | 1.93 | 79.1 | <0.02 | <10 | 160 | 0.58 | 0.22 | 0.35 | 0.23 | 27.4 | 8.3 | 34 |
| ZZ83547 | | 0.13 | <0.001 | 0.74 | 1.27 | 125.0 | <0.02 | <10 | 110 | 0.20 | 0.45 | 0.22 | 0.56 | 15.05 | 6.0 | 27 |
| ZZ83548 | | 0.14 | 0.003 | 0.18 | 2.03 | 40.9 | <0.02 | <10 | 160 | 0.49 | 0.58 | 0.31 | 0.19 | 17.30 | 13.7 | 48 |

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

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**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo | Na |
| | Units | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % |
| | LOR | 0.05 | 0.2 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.2 | 0.1 | 0.01 | 5 | 0.05 | 0.01 |
| ZZ83509 | | 2.58 | 37.5 | 2.47 | 7.95 | 0.05 | <0.02 | 0.05 | 0.068 | 0.05 | 17.7 | 12.4 | 0.42 | 277 | 2.69 | 0.02 |
| ZZ83510 | | 2.35 | 46.9 | 2.98 | 7.74 | <0.05 | <0.02 | 0.08 | 0.049 | 0.06 | 17.7 | 12.5 | 0.39 | 224 | 3.53 | 0.02 |
| ZZ83511 | | 1.99 | 25.0 | 2.92 | 7.46 | <0.05 | <0.02 | 0.03 | 0.042 | 0.09 | 14.1 | 15.3 | 0.51 | 336 | 3.55 | 0.01 |
| ZZ83512 | | 1.61 | 20.3 | 2.45 | 6.95 | <0.05 | <0.02 | 0.04 | 0.040 | 0.08 | 11.7 | 11.5 | 0.49 | 267 | 2.13 | 0.01 |
| ZZ83513 | | 1.81 | 33.2 | 3.08 | 8.39 | 0.05 | 0.02 | 0.05 | 0.059 | 0.16 | 15.3 | 21.3 | 0.57 | 479 | 4.68 | 0.02 |
| ZZ83514 | | 3.96 | 43.2 | 4.45 | 17.60 | 0.11 | 0.04 | 0.03 | 0.038 | 0.77 | 17.0 | 26.2 | 1.10 | 628 | 1.51 | 0.02 |
| ZZ83515 | | 1.55 | 17.8 | 2.08 | 8.12 | 0.05 | <0.02 | 0.05 | 0.023 | 0.10 | 15.4 | 9.5 | 0.26 | 146 | 1.05 | 0.01 |
| ZZ83516 | | 1.89 | 47.0 | 2.80 | 9.64 | 0.07 | 0.03 | 0.02 | 0.028 | 0.18 | 16.7 | 18.3 | 0.79 | 227 | 1.12 | 0.01 |
| ZZ83517 | | 2.42 | 18.9 | 2.02 | 6.94 | 0.05 | <0.02 | 0.06 | 0.038 | 0.11 | 19.1 | 13.6 | 0.42 | 253 | 0.92 | 0.02 |
| ZZ83518 | | 2.33 | 22.3 | 2.80 | 7.05 | 0.06 | <0.02 | 0.02 | 0.032 | 0.15 | 19.7 | 18.1 | 0.57 | 342 | 0.89 | 0.01 |
| ZZ83519 | | 2.71 | 24.6 | 2.46 | 7.99 | 0.05 | <0.02 | 0.05 | 0.033 | 0.15 | 19.4 | 15.7 | 0.50 | 203 | 0.98 | 0.02 |
| ZZ83520 | | 2.25 | 30.3 | 2.38 | 7.66 | 0.06 | <0.02 | 0.05 | 0.034 | 0.11 | 25.1 | 14.5 | 0.38 | 448 | 1.01 | 0.02 |
| ZZ83521 | | 1.42 | 15.1 | 1.27 | 4.46 | <0.05 | <0.02 | 0.07 | 0.016 | 0.07 | 11.9 | 4.2 | 0.18 | 63 | 0.71 | 0.01 |
| ZZ83522 | | 2.72 | 25.6 | 2.41 | 7.51 | 0.07 | <0.02 | 0.05 | 0.028 | 0.19 | 23.2 | 17.6 | 0.59 | 554 | 1.11 | 0.01 |
| ZZ83523 | | 3.02 | 22.1 | 2.81 | 7.61 | 0.07 | <0.02 | 0.03 | 0.027 | 0.21 | 20.5 | 18.2 | 0.73 | 314 | 1.09 | 0.02 |
| ZZ83524 | | 2.44 | 21.5 | 2.60 | 7.96 | 0.05 | <0.02 | 0.03 | 0.031 | 0.10 | 19.5 | 15.6 | 0.60 | 275 | 1.41 | 0.01 |
| ZZ83525 | | 2.35 | 18.6 | 2.79 | 8.32 | 0.05 | <0.02 | 0.04 | 0.029 | 0.15 | 17.0 | 17.3 | 0.73 | 319 | 2.19 | 0.01 |
| ZZ83526 | | 2.78 | 17.9 | 3.27 | 11.10 | 0.05 | 0.04 | 0.06 | 0.036 | 0.15 | 16.5 | 19.6 | 0.55 | 377 | 1.55 | 0.01 |
| ZZ83527 | | 2.98 | 30.4 | 3.22 | 11.55 | 0.09 | 0.02 | 0.02 | 0.032 | 0.37 | 18.4 | 19.4 | 0.72 | 987 | 3.25 | 0.03 |
| ZZ83528 | | 1.64 | 20.7 | 2.27 | 6.73 | <0.05 | <0.02 | 0.05 | 0.040 | 0.08 | 13.2 | 12.0 | 0.46 | 220 | 1.86 | 0.01 |
| ZZ83529 | | 2.13 | 24.3 | 2.63 | 7.64 | <0.05 | <0.02 | 0.04 | 0.051 | 0.08 | 13.4 | 15.8 | 0.50 | 245 | 2.26 | 0.01 |
| ZZ83530 | | 2.33 | 34.9 | 2.81 | 7.82 | <0.05 | <0.02 | 0.05 | 0.062 | 0.07 | 12.6 | 15.3 | 0.51 | 594 | 4.71 | 0.02 |
| ZZ83531 | | 2.76 | 38.5 | 2.38 | 8.35 | <0.05 | <0.02 | 0.06 | 0.075 | 0.07 | 14.7 | 14.3 | 0.46 | 191 | 2.33 | 0.02 |
| ZZ83532 | | 2.01 | 38.3 | 1.95 | 7.59 | <0.05 | <0.02 | 0.04 | 0.041 | 0.05 | 14.5 | 8.4 | 0.31 | 126 | 1.98 | 0.01 |
| ZZ83533 | | 2.72 | 64.3 | 2.65 | 8.40 | <0.05 | <0.02 | 0.05 | 0.071 | 0.05 | 16.8 | 17.0 | 0.45 | 329 | 7.57 | 0.01 |
| ZZ83534 | | 3.37 | 51.4 | 2.08 | 7.93 | <0.05 | <0.02 | 0.05 | 0.059 | 0.06 | 16.1 | 13.6 | 0.43 | 163 | 2.07 | 0.01 |
| ZZ83535 | | 3.03 | 60.4 | 2.54 | 7.39 | <0.05 | <0.02 | 0.06 | 0.058 | 0.06 | 15.2 | 11.3 | 0.31 | 367 | 3.24 | 0.01 |
| ZZ83536 | | 1.09 | 17.3 | 1.30 | 3.71 | <0.05 | <0.02 | 0.02 | 0.013 | 0.04 | 5.4 | 4.7 | 0.20 | 167 | 0.57 | 0.03 |
| ZZ83537 | | 3.20 | 57.4 | 2.08 | 5.81 | 0.05 | <0.02 | 0.08 | 0.029 | 0.08 | 21.1 | 12.3 | 0.41 | 651 | 1.37 | 0.02 |
| ZZ83538 | | 1.34 | 9.8 | 1.49 | 4.92 | <0.05 | <0.02 | 0.03 | 0.015 | 0.03 | 4.6 | 4.4 | 0.19 | 359 | 0.68 | 0.02 |
| ZZ83539 | | 0.89 | 15.1 | 0.82 | 2.37 | <0.05 | <0.02 | 0.05 | 0.009 | 0.03 | 7.0 | 2.7 | 0.12 | 96 | 0.61 | 0.02 |
| ZZ83540 | | 2.19 | 16.6 | 1.75 | 5.97 | <0.05 | <0.02 | 0.05 | 0.021 | 0.05 | 7.4 | 10.7 | 0.41 | 148 | 0.86 | 0.02 |
| ZZ83541 | | 2.48 | 32.8 | 2.44 | 6.20 | <0.05 | <0.02 | 0.05 | 0.024 | 0.09 | 8.9 | 14.6 | 0.60 | 257 | 1.32 | 0.02 |
| ZZ83542 | | 1.61 | 19.4 | 1.56 | 4.06 | <0.05 | <0.02 | 0.06 | 0.017 | 0.06 | 8.2 | 6.7 | 0.27 | 140 | 0.89 | 0.02 |
| ZZ83543 | | 1.83 | 19.2 | 1.89 | 5.88 | <0.05 | <0.02 | 0.04 | 0.017 | 0.07 | 9.0 | 9.4 | 0.39 | 220 | 0.89 | 0.02 |
| ZZ83544 | | 2.63 | 41.9 | 2.72 | 7.45 | <0.05 | 0.02 | 0.08 | 0.030 | 0.11 | 13.9 | 15.4 | 0.59 | 479 | 1.40 | 0.02 |
| ZZ83545 | | 1.78 | 22.6 | 1.87 | 4.85 | <0.05 | <0.02 | 0.06 | 0.018 | 0.07 | 8.9 | 9.0 | 0.41 | 216 | 1.15 | 0.02 |
| ZZ83546 | | 2.14 | 39.4 | 2.40 | 6.55 | <0.05 | 0.02 | 0.07 | 0.022 | 0.08 | 14.3 | 12.4 | 0.49 | 191 | 1.12 | 0.02 |
| ZZ83547 | | 2.23 | 18.4 | 1.89 | 6.04 | <0.05 | <0.02 | 0.06 | 0.022 | 0.08 | 7.8 | 9.6 | 0.44 | 196 | 1.06 | 0.02 |
| ZZ83548 | | 2.48 | 36.6 | 2.60 | 7.39 | <0.05 | <0.02 | 0.05 | 0.025 | 0.09 | 8.6 | 13.0 | 0.67 | 438 | 0.87 | 0.02 |

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

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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th |
| | Units | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.05 | 0.2 | 10 | 0.2 | 0.1 | 0.001 | 0.01 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 | 0.01 | 0.2 |
| ZZ83509 | | 1.17 | 11.7 | 980 | 598 | 16.5 | <0.001 | 0.04 | 2.66 | 3.3 | 0.5 | 0.5 | 73.6 | <0.01 | 0.03 | 3.3 |
| ZZ83510 | | 1.17 | 12.3 | 1020 | 335 | 16.9 | <0.001 | 0.08 | 1.32 | 3.5 | 0.5 | 0.5 | 78.4 | <0.01 | 0.04 | 2.5 |
| ZZ83511 | | 1.28 | 17.2 | 630 | 128.0 | 16.0 | <0.001 | 0.03 | 0.97 | 3.5 | 0.4 | 0.5 | 40.6 | <0.01 | 0.04 | 2.0 |
| ZZ83512 | | 1.17 | 15.6 | 620 | 334 | 15.5 | <0.001 | 0.03 | 2.12 | 2.7 | 0.3 | 0.5 | 33.4 | <0.01 | 0.03 | 1.2 |
| ZZ83513 | | 2.33 | 19.3 | 790 | 477 | 25.6 | <0.001 | 0.04 | 2.51 | 5.1 | 1.0 | 0.7 | 73.1 | <0.01 | 0.05 | 4.5 |
| ZZ83514 | | 6.30 | 33.4 | 600 | 60.5 | 66.5 | <0.001 | 0.02 | 0.42 | 13.9 | 0.7 | 1.6 | 43.3 | 0.01 | 0.04 | 8.1 |
| ZZ83515 | | 2.48 | 13.7 | 490 | 24.0 | 14.5 | <0.001 | 0.03 | 0.30 | 3.0 | 0.6 | 0.7 | 24.7 | 0.01 | 0.05 | 1.0 |
| ZZ83516 | | 2.06 | 30.3 | 710 | 38.9 | 18.7 | <0.001 | 0.01 | 0.43 | 7.5 | 0.6 | 0.6 | 53.3 | 0.01 | 0.07 | 5.9 |
| ZZ83517 | | 0.94 | 17.4 | 850 | 26.9 | 19.0 | <0.001 | 0.07 | 0.31 | 2.9 | 0.5 | 0.9 | 41.6 | 0.01 | 0.05 | 0.8 |
| ZZ83518 | | 1.35 | 23.8 | 630 | 43.0 | 24.8 | <0.001 | 0.03 | 0.42 | 3.5 | 0.5 | 0.9 | 29.1 | <0.01 | 0.04 | 3.1 |
| ZZ83519 | | 1.22 | 24.2 | 690 | 34.4 | 25.1 | <0.001 | 0.06 | 0.40 | 3.7 | 0.6 | 1.3 | 35.2 | <0.01 | 0.06 | 1.5 |
| ZZ83520 | | 1.24 | 20.2 | 730 | 46.3 | 22.4 | <0.001 | 0.06 | 0.41 | 3.1 | 0.7 | 1.0 | 27.6 | <0.01 | 0.07 | 0.9 |
| ZZ83521 | | 0.74 | 11.0 | 690 | 15.9 | 11.2 | <0.001 | 0.08 | 0.25 | 1.0 | 0.4 | 0.4 | 31.7 | <0.01 | 0.05 | 0.2 |
| ZZ83522 | | 1.64 | 26.1 | 770 | 30.8 | 27.0 | <0.001 | 0.07 | 0.33 | 3.7 | 0.6 | 0.7 | 71.2 | 0.01 | 0.05 | 1.6 |
| ZZ83523 | | 1.74 | 23.7 | 620 | 31.6 | 26.9 | <0.001 | 0.06 | 0.34 | 3.9 | 0.5 | 2.0 | 86.3 | 0.01 | 0.10 | 4.8 |
| ZZ83524 | | 1.34 | 18.7 | 640 | 39.3 | 18.4 | <0.001 | 0.05 | 0.32 | 3.4 | 0.5 | 1.1 | 58.4 | 0.01 | 0.05 | 2.0 |
| ZZ83525 | | 1.55 | 23.5 | 650 | 44.8 | 23.8 | <0.001 | 0.03 | 0.45 | 4.1 | 0.5 | 1.0 | 40.3 | <0.01 | 0.04 | 2.6 |
| ZZ83526 | | 3.59 | 16.9 | 690 | 66.3 | 22.8 | <0.001 | 0.03 | 0.72 | 3.8 | 0.5 | 0.7 | 69.6 | 0.02 | 0.05 | 11.8 |
| ZZ83527 | | 5.38 | 33.6 | 750 | 227 | 43.6 | <0.001 | 0.03 | 0.67 | 8.4 | 0.8 | 1.3 | 108.0 | 0.02 | 0.05 | 8.6 |
| ZZ83528 | | 1.39 | 15.0 | 730 | 372 | 12.6 | <0.001 | 0.04 | 1.75 | 3.1 | 0.5 | 0.6 | 36.8 | <0.01 | 0.04 | 1.5 |
| ZZ83529 | | 1.33 | 16.3 | 600 | 183.0 | 16.0 | <0.001 | 0.03 | 1.19 | 3.8 | 0.4 | 0.6 | 34.4 | <0.01 | 0.04 | 2.1 |
| ZZ83530 | | 1.13 | 14.4 | 860 | 252 | 15.4 | <0.001 | 0.05 | 1.11 | 3.4 | 0.3 | 0.7 | 58.5 | <0.01 | 0.04 | 1.7 |
| ZZ83531 | | 1.22 | 13.0 | 900 | 521 | 18.3 | <0.001 | 0.04 | 2.31 | 3.0 | 0.4 | 0.6 | 64.1 | <0.01 | 0.04 | 2.1 |
| ZZ83532 | | 0.90 | 9.8 | 440 | 298 | 12.0 | <0.001 | 0.03 | 1.11 | 1.9 | 0.3 | 0.6 | 53.9 | <0.01 | 0.04 | 0.6 |
| ZZ83533 | | 0.90 | 10.1 | 1020 | 568 | 15.2 | <0.001 | 0.05 | 3.28 | 2.7 | 0.5 | 0.5 | 114.0 | <0.01 | 0.03 | 3.2 |
| ZZ83534 | | 0.94 | 10.6 | 750 | 355 | 16.9 | <0.001 | 0.04 | 1.34 | 2.7 | 0.3 | 0.5 | 93.8 | <0.01 | 0.04 | 3.2 |
| ZZ83535 | | 0.65 | 10.0 | 820 | 739 | 15.4 | <0.001 | 0.04 | 3.87 | 1.8 | 0.4 | 0.5 | 59.3 | <0.01 | 0.04 | 1.2 |
| ZZ83536 | | 0.50 | 10.2 | 530 | 28.1 | 5.8 | <0.001 | 0.04 | 0.78 | 1.1 | 0.3 | 0.3 | 15.6 | <0.01 | 0.04 | 0.2 |
| ZZ83537 | | 0.88 | 25.0 | 930 | 257 | 15.0 | <0.001 | 0.12 | 4.43 | 2.4 | 1.1 | 0.4 | 58.4 | <0.01 | 0.05 | 0.5 |
| ZZ83538 | | 0.55 | 6.2 | 440 | 30.5 | 4.2 | <0.001 | 0.04 | 0.78 | 0.9 | 0.3 | 0.3 | 13.7 | <0.01 | 0.03 | <0.2 |
| ZZ83539 | | 0.43 | 6.9 | 730 | 12.8 | 3.5 | <0.001 | 0.10 | 0.51 | 0.7 | 0.3 | 0.2 | 23.3 | <0.01 | 0.04 | <0.2 |
| ZZ83540 | | 0.89 | 15.0 | 700 | 32.1 | 8.5 | <0.001 | 0.06 | 1.05 | 1.5 | 0.4 | 0.4 | 24.2 | <0.01 | 0.05 | 0.3 |
| ZZ83541 | | 1.06 | 21.4 | 700 | 70.4 | 11.9 | <0.001 | 0.04 | 2.55 | 2.3 | 0.4 | 0.4 | 31.7 | <0.01 | 0.05 | 0.9 |
| ZZ83542 | | 0.60 | 11.9 | 710 | 26.7 | 9.7 | <0.001 | 0.06 | 0.90 | 1.2 | 0.5 | 0.3 | 27.1 | <0.01 | 0.05 | 0.2 |
| ZZ83543 | | 0.94 | 15.5 | 500 | 28.2 | 10.4 | <0.001 | 0.03 | 1.39 | 2.1 | 0.5 | 0.4 | 27.1 | <0.01 | 0.05 | 0.6 |
| ZZ83544 | | 1.04 | 26.3 | 890 | 98.1 | 15.4 | <0.001 | 0.07 | 1.60 | 3.2 | 0.8 | 0.5 | 57.7 | 0.01 | 0.07 | 0.9 |
| ZZ83545 | | 0.78 | 17.7 | 770 | 41.2 | 9.7 | <0.001 | 0.06 | 2.18 | 2.0 | 0.6 | 0.3 | 36.8 | <0.01 | 0.05 | 0.6 |
| ZZ83546 | | 1.00 | 20.0 | 680 | 89.9 | 11.2 | <0.001 | 0.04 | 2.12 | 3.0 | 0.8 | 0.4 | 36.6 | 0.01 | 0.05 | 0.9 |
| ZZ83547 | | 0.80 | 14.4 | 590 | 80.4 | 11.9 | <0.001 | 0.03 | 3.56 | 2.1 | 0.4 | 0.4 | 28.4 | <0.01 | 0.06 | 0.5 |
| ZZ83548 | | 0.99 | 24.8 | 630 | 20.5 | 10.6 | <0.001 | 0.04 | 0.80 | 2.9 | 0.4 | 0.4 | 53.6 | 0.01 | 0.09 | 0.8 |

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

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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Ti | Tl | U | V | W | Y | Zn | Zr |
| | Units | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.005 | 0.02 | 0.05 | 1 | 0.05 | 0.05 | 2 | 0.5 |
| ZZ83509 | | 0.066 | 0.17 | 5.06 | 54 | 1.96 | 6.32 | 156 | <0.5 |
| ZZ83510 | | 0.055 | 0.14 | 7.46 | 47 | 2.72 | 7.75 | 177 | <0.5 |
| ZZ83511 | | 0.086 | 0.16 | 2.18 | 69 | 1.43 | 5.20 | 133 | <0.5 |
| ZZ83512 | | 0.088 | 0.14 | 1.18 | 64 | 1.33 | 4.11 | 133 | <0.5 |
| ZZ83513 | | 0.107 | 0.18 | 5.34 | 67 | 0.79 | 7.81 | 224 | 0.8 |
| ZZ83514 | | 0.356 | 0.51 | 1.11 | 103 | 0.42 | 7.59 | 105 | 1.6 |
| ZZ83515 | | 0.101 | 0.14 | 1.39 | 46 | 0.25 | 5.70 | 45 | 0.6 |
| ZZ83516 | | 0.182 | 0.22 | 1.86 | 88 | 0.67 | 9.12 | 95 | 1.2 |
| ZZ83517 | | 0.057 | 0.23 | 1.92 | 35 | 0.16 | 7.51 | 76 | <0.5 |
| ZZ83518 | | 0.087 | 0.23 | 1.33 | 50 | 0.15 | 7.24 | 105 | <0.5 |
| ZZ83519 | | 0.069 | 0.24 | 2.12 | 44 | 0.18 | 7.75 | 113 | <0.5 |
| ZZ83520 | | 0.063 | 0.21 | 2.69 | 46 | 0.19 | 15.80 | 98 | <0.5 |
| ZZ83521 | | 0.036 | 0.12 | 1.02 | 23 | 0.09 | 2.94 | 34 | <0.5 |
| ZZ83522 | | 0.075 | 0.27 | 1.85 | 40 | 0.19 | 9.03 | 85 | 0.5 |
| ZZ83523 | | 0.080 | 0.34 | 2.84 | 40 | 0.14 | 8.27 | 82 | <0.5 |
| ZZ83524 | | 0.071 | 0.30 | 1.87 | 51 | 0.16 | 7.22 | 79 | <0.5 |
| ZZ83525 | | 0.101 | 0.25 | 1.42 | 60 | 0.23 | 6.92 | 96 | <0.5 |
| ZZ83526 | | 0.157 | 0.20 | 1.74 | 66 | 0.37 | 4.45 | 79 | 1.8 |
| ZZ83527 | | 0.167 | 0.26 | 3.11 | 72 | 0.43 | 10.15 | 107 | 0.6 |
| ZZ83528 | | 0.088 | 0.15 | 1.55 | 55 | 2.35 | 5.24 | 124 | <0.5 |
| ZZ83529 | | 0.078 | 0.22 | 2.45 | 63 | 0.70 | 5.19 | 147 | <0.5 |
| ZZ83530 | | 0.072 | 0.16 | 3.21 | 66 | 1.76 | 4.57 | 200 | <0.5 |
| ZZ83531 | | 0.072 | 0.16 | 4.54 | 56 | 3.21 | 4.89 | 184 | <0.5 |
| ZZ83532 | | 0.061 | 0.13 | 4.91 | 49 | 0.72 | 4.32 | 87 | <0.5 |
| ZZ83533 | | 0.051 | 0.15 | 8.95 | 61 | 5.30 | 4.80 | 183 | <0.5 |
| ZZ83534 | | 0.062 | 0.15 | 5.29 | 46 | 0.73 | 4.69 | 168 | <0.5 |
| ZZ83535 | | 0.057 | 0.15 | 5.54 | 58 | 0.65 | 4.44 | 132 | <0.5 |
| ZZ83536 | | 0.050 | 0.11 | 0.51 | 30 | 0.09 | 2.68 | 58 | <0.5 |
| ZZ83537 | | 0.056 | 0.24 | 1.55 | 43 | 0.21 | 13.30 | 181 | <0.5 |
| ZZ83538 | | 0.061 | 0.10 | 0.35 | 37 | 0.10 | 1.57 | 39 | <0.5 |
| ZZ83539 | | 0.034 | 0.10 | 0.44 | 21 | 0.07 | 3.71 | 21 | <0.5 |
| ZZ83540 | | 0.071 | 0.16 | 0.57 | 42 | 0.16 | 2.69 | 53 | 0.5 |
| ZZ83541 | | 0.093 | 0.21 | 0.59 | 57 | 0.60 | 3.43 | 101 | 0.5 |
| ZZ83542 | | 0.050 | 0.13 | 0.56 | 35 | 0.10 | 3.16 | 43 | <0.5 |
| ZZ83543 | | 0.078 | 0.15 | 0.61 | 48 | 0.17 | 3.10 | 61 | 0.5 |
| ZZ83544 | | 0.083 | 0.21 | 1.10 | 66 | 0.18 | 7.43 | 111 | 0.7 |
| ZZ83545 | | 0.066 | 0.14 | 0.79 | 43 | 0.12 | 4.16 | 92 | 0.5 |
| ZZ83546 | | 0.078 | 0.17 | 1.36 | 58 | 0.18 | 7.20 | 81 | 0.7 |
| ZZ83547 | | 0.079 | 0.15 | 0.46 | 49 | 0.16 | 2.91 | 118 | <0.5 |
| ZZ83548 | | 0.088 | 0.20 | 0.71 | 65 | 0.22 | 3.81 | 61 | 0.6 |

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

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**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | WEI- 21 | Au- ICP21 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.001 | 0.01 | 0.01 | 0.1 | 0.02 | 10 | 10 | 0.05 | 0.01 | 0.01 | 0.01 | 0.02 | 0.1 | 1 |
| ZZ83549 | | 0.17 | 0.001 | 0.65 | 2.25 | 86.4 | <0.02 | <10 | 210 | 0.51 | 0.84 | 0.44 | 0.36 | 18.40 | 11.9 | 56 |
| ZZ83550 | | 0.09 | 0.020 | 0.83 | 1.33 | 142.0 | <0.02 | <10 | 160 | 0.40 | 0.25 | 0.38 | 0.60 | 15.00 | 28.5 | 30 |
| ZZ83551 | | 0.24 | 0.005 | 1.73 | 2.07 | 208 | <0.02 | <10 | 210 | 0.47 | 0.56 | 0.46 | 0.67 | 16.55 | 12.7 | 46 |
| ZZ83552 | | 0.28 | <0.001 | 0.24 | 2.35 | 15.6 | <0.02 | <10 | 220 | 0.52 | 0.22 | 0.49 | 0.17 | 18.25 | 14.4 | 54 |
| ZZ83553 | | 0.29 | 0.003 | 0.24 | 2.62 | 13.0 | <0.02 | <10 | 220 | 0.56 | 0.35 | 0.49 | 0.15 | 15.60 | 17.5 | 62 |
| ZZ83554 | | 0.28 | 0.001 | 0.04 | 2.23 | 20.4 | <0.02 | <10 | 200 | 0.56 | 0.70 | 0.30 | 0.11 | 38.1 | 11.4 | 39 |
| ZZ83555 | | 0.36 | <0.001 | 0.05 | 2.79 | 16.9 | <0.02 | <10 | 150 | 0.53 | 0.31 | 0.13 | 0.12 | 32.9 | 11.5 | 45 |
| ZZ83556 | | 0.24 | <0.001 | 0.08 | 2.71 | 14.0 | <0.02 | <10 | 150 | 0.52 | 0.35 | 0.14 | 0.17 | 30.1 | 11.0 | 48 |
| ZZ83557 | | 0.16 | 0.003 | 0.14 | 1.97 | 12.2 | <0.02 | <10 | 100 | 0.35 | 0.54 | 0.15 | 0.16 | 27.2 | 8.0 | 44 |
| ZZ83558 | | 0.16 | <0.001 | 0.09 | 2.59 | 21.6 | <0.02 | <10 | 150 | 0.50 | 0.48 | 0.14 | 0.20 | 23.2 | 10.2 | 50 |
| ZZ83559 | | 0.20 | 0.006 | 0.03 | 2.70 | 14.2 | <0.02 | <10 | 160 | 0.52 | 0.23 | 0.15 | 0.20 | 21.0 | 11.5 | 49 |
| ZZ83560 | | 0.26 | 0.009 | 0.03 | 1.77 | 11.1 | <0.02 | <10 | 140 | 0.36 | 0.22 | 0.18 | 0.14 | 18.80 | 7.9 | 39 |
| ZZ83561 | | 0.24 | <0.001 | 0.07 | 2.51 | 8.2 | <0.02 | <10 | 120 | 0.63 | 0.28 | 0.12 | 0.15 | 48.4 | 12.9 | 39 |
| ZZ83562 | | 0.21 | <0.001 | 0.05 | 2.74 | 14.0 | <0.02 | <10 | 140 | 0.54 | 0.24 | 0.14 | 0.17 | 31.5 | 12.2 | 41 |
| ZZ83563 | | 0.23 | <0.001 | 0.02 | 1.88 | 10.1 | <0.02 | <10 | 80 | 0.45 | 0.31 | 0.13 | 0.10 | 69.3 | 10.4 | 31 |
| ZZ83564 | | 0.27 | <0.001 | 0.06 | 2.06 | 9.3 | <0.02 | <10 | 130 | 0.70 | 0.32 | 0.16 | 0.24 | 54.0 | 10.4 | 29 |
| ZZ83565 | | 0.34 | <0.001 | 0.10 | 3.24 | 17.7 | <0.02 | <10 | 200 | 1.24 | 0.31 | 0.24 | 0.43 | 66.2 | 20.6 | 41 |
| ZZ83566 | | 0.26 | <0.001 | 0.07 | 3.52 | 13.7 | <0.02 | <10 | 200 | 1.32 | 0.34 | 0.29 | 0.24 | 108.5 | 18.8 | 64 |
| ZZ83567 | | 0.20 | 0.007 | 0.05 | 3.53 | 11.9 | <0.02 | <10 | 170 | 1.35 | 0.26 | 0.36 | 0.29 | 78.3 | 18.8 | 68 |
| ZZ83568 | | 0.25 | <0.001 | 0.19 | 2.59 | 24.2 | <0.02 | <10 | 160 | 0.80 | 0.27 | 0.17 | 0.47 | 50.1 | 9.5 | 35 |
| ZZ83569 | | 0.18 | 0.001 | 0.38 | 2.03 | 25.5 | <0.02 | <10 | 150 | 0.64 | 0.38 | 0.27 | 0.64 | 43.5 | 8.3 | 30 |
| ZZ83570 | | 0.22 | 0.002 | 0.11 | 2.34 | 12.8 | <0.02 | <10 | 140 | 0.75 | 0.20 | 0.18 | 0.18 | 37.2 | 9.0 | 28 |
| ZZ83571 | | 0.14 | <0.001 | 0.20 | 0.65 | 2.6 | <0.02 | <10 | 50 | 0.13 | 0.13 | 0.04 | 0.10 | 16.85 | 1.1 | 8 |
| ZZ83572 | | 0.14 | <0.001 | 0.05 | 0.56 | 7.2 | <0.02 | <10 | 30 | 0.07 | 0.13 | 0.06 | 0.10 | 13.10 | 1.6 | 9 |
| ZZ83573 | | 0.27 | <0.001 | 0.03 | 2.37 | 9.7 | <0.02 | <10 | 110 | 0.76 | 0.21 | 0.17 | 0.13 | 43.7 | 11.2 | 31 |
| ZZ83574 | | 0.24 | <0.001 | 0.05 | 3.08 | 11.9 | <0.02 | <10 | 150 | 0.88 | 0.19 | 0.12 | 0.15 | 43.7 | 11.3 | 36 |
| ZZ83575 | | 0.27 | <0.001 | 0.13 | 3.81 | 11.5 | <0.02 | <10 | 210 | 1.07 | 0.34 | 0.20 | 0.41 | 87.0 | 18.5 | 43 |
| ZZ83576 | | 0.17 | <0.001 | 0.06 | 0.88 | 2.2 | <0.02 | <10 | 80 | 0.19 | 0.14 | 0.08 | 0.07 | 17.30 | 2.0 | 12 |
| ZZ83577 | | 0.19 | 0.001 | 0.03 | 2.48 | 10.1 | <0.02 | <10 | 130 | 0.54 | 0.21 | 0.12 | 0.15 | 32.0 | 10.9 | 34 |
| ZZ83578 | | 0.18 | <0.001 | 0.06 | 1.02 | 3.2 | <0.02 | <10 | 100 | 0.34 | 0.12 | 0.11 | 0.21 | 20.4 | 3.5 | 15 |
| ZZ83579 | | 0.24 | <0.001 | 0.03 | 1.78 | 7.2 | <0.02 | <10 | 210 | 0.50 | 0.17 | 0.31 | 0.10 | 49.6 | 9.3 | 32 |
| ZZ83580 | | 0.25 | 0.001 | 0.03 | 0.78 | 3.1 | <0.02 | <10 | 70 | 0.18 | 0.10 | 0.09 | 0.08 | 14.05 | 2.5 | 13 |
| ZZ83581 | | 0.15 | <0.001 | 0.01 | 0.32 | 0.4 | <0.02 | <10 | 10 | 0.05 | 0.03 | 0.04 | 0.01 | 3.50 | 1.0 | 5 |
| ZZ83582 | | 0.17 | 0.001 | 0.05 | 1.42 | 7.5 | <0.02 | <10 | 80 | 0.38 | 0.20 | 0.06 | 0.15 | 30.5 | 3.4 | 17 |
| ZZ83583 | | 0.31 | 0.001 | 0.10 | 2.06 | 26.7 | <0.02 | <10 | 140 | 0.62 | 0.35 | 0.21 | 0.31 | 46.3 | 9.5 | 35 |
| ZZ83584 | | 0.27 | <0.001 | 0.04 | 2.02 | 8.1 | <0.02 | <10 | 170 | 0.55 | 0.27 | 0.19 | 0.09 | 38.2 | 10.9 | 40 |
| ZZ83585 | | 0.18 | <0.001 | 0.18 | 2.14 | 8.3 | <0.02 | <10 | 200 | 0.51 | 0.20 | 0.19 | 0.23 | 24.4 | 9.9 | 39 |
| ZZ83586 | | 0.26 | 0.001 | 0.06 | 2.16 | 9.8 | <0.02 | <10 | 140 | 0.58 | 0.37 | 0.16 | 0.37 | 23.3 | 7.1 | 25 |
| ZZ83587 | | 0.19 | 0.003 | 0.19 | 2.11 | 8.2 | <0.02 | <10 | 180 | 0.71 | 2.00 | 0.18 | 0.32 | 38.1 | 7.3 | 37 |
| ZZ83588 | | 0.08 | 0.006 | 0.46 | 0.47 | 1.4 | <0.02 | <10 | 40 | 0.16 | 0.18 | 0.06 | 0.21 | 7.90 | 1.6 | 9 |

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

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# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo | Na |
| | Units | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % |
| | LOR | 0.05 | 0.2 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.2 | 0.1 | 0.01 | 5 | 0.05 | 0.01 |
| ZZ83549 | | 3.34 | 36.4 | 2.94 | 7.84 | 0.05 | 0.02 | 0.04 | 0.049 | 0.22 | 9.4 | 16.4 | 0.87 | 443 | 0.72 | 0.02 |
| ZZ83550 | | 1.65 | 26.6 | 2.03 | 5.58 | <0.05 | <0.02 | 0.14 | 0.028 | 0.10 | 7.4 | 6.6 | 0.40 | 1420 | 1.05 | 0.02 |
| ZZ83551 | | 2.32 | 41.8 | 2.73 | 7.34 | <0.05 | 0.02 | 0.05 | 0.036 | 0.17 | 8.5 | 13.5 | 0.89 | 472 | 0.66 | 0.02 |
| ZZ83552 | | 2.72 | 41.1 | 3.28 | 8.42 | 0.07 | 0.02 | 0.03 | 0.034 | 0.25 | 9.1 | 16.8 | 1.11 | 497 | 0.61 | 0.02 |
| ZZ83553 | | 2.98 | 41.6 | 3.80 | 9.24 | 0.07 | 0.02 | 0.03 | 0.030 | 0.30 | 8.0 | 19.5 | 1.41 | 634 | 0.91 | 0.02 |
| ZZ83554 | | 1.85 | 27.0 | 3.11 | 7.29 | 0.06 | 0.03 | 0.04 | 0.041 | 0.09 | 19.3 | 19.2 | 0.67 | 284 | 0.60 | 0.01 |
| ZZ83555 | | 1.81 | 25.2 | 3.64 | 8.21 | <0.05 | 0.11 | 0.03 | 0.036 | 0.08 | 16.1 | 20.0 | 0.63 | 288 | 1.26 | 0.01 |
| ZZ83556 | | 2.27 | 23.1 | 3.56 | 7.87 | <0.05 | 0.06 | 0.02 | 0.030 | 0.11 | 14.8 | 21.9 | 0.69 | 305 | 1.08 | 0.01 |
| ZZ83557 | | 2.66 | 23.0 | 3.19 | 8.41 | <0.05 | <0.02 | 0.02 | 0.040 | 0.12 | 13.3 | 14.5 | 0.63 | 285 | 1.34 | 0.01 |
| ZZ83558 | | 1.82 | 22.1 | 3.46 | 8.41 | <0.05 | 0.05 | 0.02 | 0.035 | 0.08 | 11.8 | 17.7 | 0.68 | 279 | 1.29 | 0.01 |
| ZZ83559 | | 1.63 | 25.7 | 3.68 | 7.39 | <0.05 | 0.07 | 0.03 | 0.030 | 0.10 | 10.2 | 22.5 | 0.72 | 318 | 1.03 | 0.01 |
| ZZ83560 | | 1.42 | 17.5 | 2.44 | 6.87 | <0.05 | <0.02 | 0.02 | 0.028 | 0.08 | 9.7 | 12.9 | 0.58 | 238 | 0.92 | 0.01 |
| ZZ83561 | | 3.38 | 24.9 | 3.86 | 8.54 | 0.05 | 0.02 | 0.02 | 0.031 | 0.12 | 21.8 | 29.5 | 0.68 | 242 | 1.19 | 0.01 |
| ZZ83562 | | 2.26 | 17.5 | 3.79 | 7.03 | <0.05 | 0.06 | 0.03 | 0.034 | 0.08 | 14.0 | 29.0 | 0.58 | 311 | 1.14 | 0.01 |
| ZZ83563 | | 2.75 | 16.1 | 3.74 | 9.76 | 0.06 | <0.02 | 0.02 | 0.025 | 0.10 | 26.6 | 18.9 | 0.54 | 383 | 1.34 | 0.01 |
| ZZ83564 | | 2.83 | 18.1 | 3.02 | 7.25 | 0.06 | <0.02 | 0.03 | 0.032 | 0.12 | 23.8 | 17.8 | 0.47 | 393 | 2.16 | 0.01 |
| ZZ83565 | | 10.15 | 20.2 | 4.88 | 11.70 | 0.08 | 0.05 | 0.03 | 0.085 | 0.40 | 30.5 | 30.2 | 1.41 | 603 | 0.93 | 0.01 |
| ZZ83566 | | 13.60 | 8.9 | 5.68 | 17.10 | 0.13 | 0.02 | 0.02 | 0.066 | 1.02 | 49.4 | 43.0 | 2.12 | 814 | 1.14 | 0.01 |
| ZZ83567 | | 17.55 | 14.3 | 6.10 | 14.35 | 0.10 | 0.04 | 0.02 | 0.072 | 0.86 | 32.6 | 42.9 | 1.75 | 767 | 1.17 | 0.01 |
| ZZ83568 | | 4.41 | 15.5 | 3.91 | 9.35 | 0.06 | 0.02 | 0.03 | 0.042 | 0.15 | 25.5 | 23.0 | 0.62 | 381 | 1.29 | 0.01 |
| ZZ83569 | | 4.74 | 17.9 | 3.11 | 7.09 | 0.06 | 0.03 | 0.04 | 0.035 | 0.13 | 23.6 | 19.8 | 0.60 | 381 | 0.91 | 0.01 |
| ZZ83570 | | 4.24 | 14.3 | 3.21 | 7.05 | <0.05 | 0.02 | 0.03 | 0.037 | 0.13 | 18.7 | 21.3 | 0.54 | 296 | 0.86 | 0.01 |
| ZZ83571 | | 0.86 | 14.8 | 0.71 | 4.04 | <0.05 | <0.02 | 0.03 | 0.011 | 0.03 | 8.5 | 1.0 | 0.04 | 33 | 0.43 | 0.02 |
| ZZ83572 | | 1.14 | 5.3 | 1.03 | 4.66 | <0.05 | <0.02 | 0.02 | 0.009 | 0.04 | 6.6 | 2.3 | 0.09 | 65 | 0.65 | 0.02 |
| ZZ83573 | | 5.60 | 15.9 | 3.51 | 8.18 | 0.05 | 0.02 | 0.02 | 0.036 | 0.15 | 20.8 | 22.6 | 0.59 | 517 | 1.30 | 0.01 |
| ZZ83574 | | 4.30 | 17.9 | 4.13 | 8.46 | 0.05 | 0.07 | 0.03 | 0.042 | 0.11 | 19.7 | 30.3 | 0.63 | 292 | 1.24 | 0.01 |
| ZZ83575 | | 11.05 | 19.0 | 6.10 | 13.45 | 0.09 | 0.05 | 0.04 | 0.156 | 0.40 | 39.7 | 47.7 | 1.36 | 602 | 1.03 | 0.01 |
| ZZ83576 | | 1.69 | 11.7 | 1.22 | 4.55 | <0.05 | <0.02 | 0.02 | 0.012 | 0.04 | 9.1 | 4.4 | 0.15 | 63 | 0.50 | 0.02 |
| ZZ83577 | | 3.84 | 16.9 | 3.62 | 7.96 | <0.05 | 0.02 | 0.03 | 0.038 | 0.09 | 15.4 | 24.9 | 0.57 | 320 | 1.02 | 0.01 |
| ZZ83578 | | 1.32 | 17.2 | 1.44 | 4.33 | <0.05 | <0.02 | 0.02 | 0.017 | 0.05 | 11.8 | 4.5 | 0.19 | 101 | 0.58 | 0.01 |
| ZZ83579 | | 2.12 | 17.8 | 2.77 | 6.44 | 0.07 | 0.02 | 0.02 | 0.023 | 0.09 | 24.4 | 14.7 | 0.60 | 322 | 0.71 | 0.01 |
| ZZ83580 | | 0.92 | 9.2 | 1.19 | 3.80 | <0.05 | <0.02 | 0.02 | 0.013 | 0.04 | 7.4 | 3.7 | 0.17 | 73 | 0.49 | 0.01 |
| ZZ83581 | | 0.16 | 3.0 | 0.54 | 1.73 | <0.05 | <0.02 | 0.02 | <0.005 | 0.02 | 2.4 | 0.4 | 0.02 | 22 | 0.19 | 0.02 |
| ZZ83582 | | 2.48 | 11.4 | 1.95 | 7.68 | <0.05 | <0.02 | 0.02 | 0.016 | 0.04 | 16.4 | 6.0 | 0.17 | 115 | 1.32 | 0.01 |
| ZZ83583 | | 3.06 | 18.5 | 3.19 | 7.90 | 0.07 | 0.02 | 0.02 | 0.036 | 0.11 | 24.6 | 18.6 | 0.70 | 320 | 0.94 | 0.01 |
| ZZ83584 | | 1.89 | 22.4 | 3.13 | 6.97 | 0.05 | 0.02 | 0.02 | 0.027 | 0.10 | 19.1 | 18.9 | 0.66 | 311 | 0.90 | 0.01 |
| ZZ83585 | | 1.81 | 24.9 | 3.06 | 7.55 | <0.05 | 0.03 | 0.02 | 0.026 | 0.07 | 11.6 | 15.2 | 0.67 | 347 | 0.76 | 0.01 |
| ZZ83586 | | 1.43 | 15.6 | 2.64 | 7.64 | <0.05 | <0.02 | 0.02 | 0.028 | 0.05 | 12.2 | 13.2 | 0.41 | 244 | 0.88 | 0.01 |
| ZZ83587 | | 1.99 | 41.4 | 2.85 | 6.76 | 0.05 | 0.02 | 0.03 | 0.025 | 0.09 | 21.3 | 12.3 | 0.67 | 193 | 2.25 | 0.01 |
| ZZ83588 | | 0.37 | 11.3 | 0.85 | 2.09 | <0.05 | <0.02 | 0.06 | 0.010 | 0.03 | 4.8 | 0.4 | 0.03 | 30 | 0.94 | 0.01 |

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

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To: **ATAC RESOURCES LTD.**
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**1016- 510 W HASTINGS ST**
**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th |
| | Units | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.05 | 0.2 | 10 | 0.2 | 0.1 | 0.001 | 0.01 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 | 0.01 | 0.2 |
| ZZ83549 | | 1.02 | 30.0 | 710 | 151.5 | 20.5 | <0.001 | 0.04 | 1.78 | 4.2 | 0.5 | 0.4 | 50.9 | 0.01 | 0.05 | 1.2 |
| ZZ83550 | | 0.66 | 15.7 | 920 | 115.5 | 14.0 | <0.001 | 0.08 | 1.82 | 1.6 | 0.4 | 0.3 | 39.1 | <0.01 | 0.06 | 0.2 |
| ZZ83551 | | 0.87 | 25.3 | 830 | 327 | 18.6 | <0.001 | 0.04 | 6.73 | 3.5 | 0.4 | 0.4 | 34.4 | <0.01 | 0.05 | 0.8 |
| ZZ83552 | | 1.09 | 31.1 | 850 | 19.7 | 24.7 | <0.001 | 0.03 | 0.42 | 4.8 | 0.5 | 0.4 | 39.4 | <0.01 | 0.04 | 1.4 |
| ZZ83553 | | 1.16 | 37.4 | 890 | 12.3 | 29.4 | <0.001 | 0.02 | 0.40 | 5.0 | 0.3 | 0.4 | 37.5 | <0.01 | 0.04 | 1.6 |
| ZZ83554 | | 1.23 | 28.1 | 360 | 13.2 | 16.9 | <0.001 | <0.01 | 0.43 | 5.5 | 0.5 | 1.1 | 45.0 | <0.01 | 0.04 | 5.4 |
| ZZ83555 | | 1.37 | 27.1 | 280 | 13.7 | 19.1 | <0.001 | <0.01 | 0.59 | 6.2 | 0.5 | 0.8 | 18.5 | 0.01 | 0.05 | 6.8 |
| ZZ83556 | | 1.58 | 29.3 | 310 | 22.8 | 21.9 | <0.001 | <0.01 | 0.52 | 4.8 | 0.5 | 0.8 | 17.1 | <0.01 | 0.05 | 6.4 |
| ZZ83557 | | 1.43 | 25.8 | 430 | 27.1 | 20.1 | <0.001 | 0.02 | 0.45 | 2.8 | 0.5 | 0.8 | 18.2 | <0.01 | 0.05 | 1.3 |
| ZZ83558 | | 1.95 | 24.4 | 260 | 39.3 | 15.5 | <0.001 | <0.01 | 0.56 | 4.3 | 0.5 | 0.8 | 16.3 | <0.01 | 0.06 | 4.7 |
| ZZ83559 | | 1.90 | 28.1 | 300 | 16.9 | 14.7 | <0.001 | <0.01 | 0.55 | 4.4 | 0.6 | 0.6 | 14.4 | <0.01 | 0.05 | 4.1 |
| ZZ83560 | | 1.13 | 20.3 | 300 | 22.1 | 13.3 | <0.001 | <0.01 | 0.35 | 2.8 | 0.4 | 0.7 | 16.0 | <0.01 | 0.04 | 1.0 |
| ZZ83561 | | 1.67 | 30.6 | 350 | 13.1 | 27.8 | <0.001 | <0.01 | 0.38 | 3.6 | 0.4 | 0.7 | 12.6 | <0.01 | 0.04 | 8.3 |
| ZZ83562 | | 1.63 | 24.9 | 340 | 14.6 | 19.2 | <0.001 | <0.01 | 0.56 | 4.0 | 0.4 | 0.7 | 13.9 | 0.01 | 0.05 | 5.9 |
| ZZ83563 | | 1.17 | 20.1 | 510 | 13.0 | 20.9 | <0.001 | <0.01 | 0.41 | 2.7 | 0.3 | 0.8 | 12.1 | <0.01 | 0.05 | 4.5 |
| ZZ83564 | | 0.92 | 20.1 | 770 | 14.1 | 22.4 | <0.001 | 0.01 | 0.56 | 2.5 | 0.5 | 0.7 | 14.6 | <0.01 | 0.04 | 2.3 |
| ZZ83565 | | 1.73 | 26.4 | 730 | 48.2 | 47.3 | <0.001 | <0.01 | 0.63 | 8.4 | 0.8 | 1.4 | 15.4 | <0.01 | 0.04 | 13.8 |
| ZZ83566 | | 3.31 | 24.7 | 1410 | 52.0 | 85.4 | <0.001 | <0.01 | 1.00 | 7.7 | 0.9 | 2.0 | 11.6 | <0.01 | 0.03 | 13.6 |
| ZZ83567 | | 2.99 | 26.9 | 1550 | 45.3 | 89.1 | <0.001 | <0.01 | 1.54 | 8.3 | 0.7 | 2.6 | 12.8 | <0.01 | 0.03 | 14.5 |
| ZZ83568 | | 1.96 | 19.6 | 460 | 27.7 | 25.7 | <0.001 | <0.01 | 0.84 | 4.5 | 0.8 | 1.1 | 16.4 | <0.01 | 0.04 | 9.1 |
| ZZ83569 | | 1.42 | 19.7 | 680 | 79.3 | 20.9 | <0.001 | <0.01 | 9.92 | 4.1 | 0.8 | 0.7 | 18.6 | <0.01 | 0.04 | 7.8 |
| ZZ83570 | | 1.66 | 18.1 | 480 | 35.1 | 21.5 | <0.001 | 0.01 | 0.91 | 3.3 | 0.5 | 0.8 | 18.0 | 0.01 | 0.04 | 6.0 |
| ZZ83571 | | 0.29 | 2.9 | 330 | 8.1 | 4.2 | <0.001 | 0.01 | 0.24 | 0.3 | 0.2 | 0.5 | 7.9 | <0.01 | 0.03 | <0.2 |
| ZZ83572 | | 0.43 | 4.1 | 260 | 6.1 | 4.9 | <0.001 | 0.01 | 0.27 | 0.6 | 0.2 | 0.5 | 7.7 | <0.01 | 0.03 | <0.2 |
| ZZ83573 | | 1.59 | 21.0 | 550 | 12.7 | 24.1 | <0.001 | <0.01 | 0.68 | 3.9 | 0.5 | 0.8 | 14.4 | 0.01 | 0.06 | 7.6 |
| ZZ83574 | | 1.87 | 25.9 | 380 | 11.6 | 21.5 | <0.001 | <0.01 | 0.69 | 4.6 | 0.7 | 0.9 | 12.6 | 0.01 | 0.04 | 11.6 |
| ZZ83575 | | 2.40 | 24.5 | 870 | 60.7 | 51.8 | <0.001 | 0.01 | 0.60 | 9.3 | 0.9 | 2.6 | 14.0 | <0.01 | 0.04 | 10.6 |
| ZZ83576 | | 0.53 | 5.2 | 340 | 6.1 | 9.9 | <0.001 | 0.01 | 0.19 | 0.7 | 0.3 | 0.6 | 11.1 | <0.01 | 0.04 | 0.2 |
| ZZ83577 | | 1.60 | 22.3 | 410 | 11.4 | 20.2 | <0.001 | <0.01 | 0.62 | 4.1 | 0.6 | 0.7 | 11.6 | 0.01 | 0.04 | 4.0 |
| ZZ83578 | | 0.15 | 9.0 | 600 | 7.0 | 9.2 | <0.001 | 0.01 | 0.25 | 0.2 | 0.3 | 0.4 | 12.3 | <0.01 | 0.03 | <0.2 |
| ZZ83579 | | 1.13 | 20.2 | 810 | 9.0 | 16.0 | <0.001 | <0.01 | 0.47 | 4.3 | 0.6 | 0.6 | 20.6 | <0.01 | 0.04 | 4.4 |
| ZZ83580 | | 0.21 | 6.1 | 370 | 5.3 | 6.1 | <0.001 | <0.01 | 0.20 | 0.3 | 0.2 | 0.3 | 10.2 | <0.01 | 0.03 | <0.2 |
| ZZ83581 | | 0.12 | 1.6 | 210 | 1.2 | 0.8 | <0.001 | <0.01 | 0.09 | 0.2 | 0.2 | <0.2 | 7.4 | <0.01 | 0.02 | <0.2 |
| ZZ83582 | | 1.04 | 7.6 | 250 | 14.7 | 9.5 | <0.001 | <0.01 | 1.06 | 1.8 | 0.2 | 0.7 | 9.4 | <0.01 | 0.04 | 2.0 |
| ZZ83583 | | 1.42 | 20.0 | 530 | 90.9 | 17.8 | <0.001 | <0.01 | 0.73 | 5.2 | 0.7 | 0.8 | 15.3 | <0.01 | 0.04 | 6.5 |
| ZZ83584 | | 1.18 | 27.7 | 340 | 16.9 | 19.4 | <0.001 | <0.01 | 0.42 | 4.7 | 0.5 | 0.6 | 19.1 | <0.01 | 0.04 | 6.2 |
| ZZ83585 | | 1.58 | 23.2 | 340 | 11.5 | 15.0 | <0.001 | <0.01 | 0.41 | 3.8 | 0.4 | 0.6 | 17.1 | <0.01 | 0.05 | 3.8 |
| ZZ83586 | | 1.18 | 14.3 | 420 | 27.4 | 9.2 | <0.001 | <0.01 | 0.44 | 3.3 | 0.4 | 0.8 | 15.8 | 0.01 | 0.05 | 1.0 |
| ZZ83587 | | 1.23 | 20.5 | 370 | 18.4 | 15.4 | <0.001 | 0.07 | 0.42 | 3.5 | 0.7 | 0.7 | 38.1 | <0.01 | 0.13 | 5.6 |
| ZZ83588 | | 0.27 | 4.9 | 600 | 5.6 | 2.1 | <0.001 | 0.06 | 0.15 | 0.3 | 0.3 | 0.2 | 11.4 | <0.01 | 0.04 | <0.2 |

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

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To: **ATAC RESOURCES LTD.**
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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Ti | Tl | U | V | W | Y | Zn | Zr |
| | Units | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.005 | 0.02 | 0.05 | 1 | 0.05 | 0.05 | 2 | 0.5 |
| ZZ83549 | | 0.107 | 0.23 | 0.70 | 73 | 0.25 | 4.40 | 101 | 0.7 |
| ZZ83550 | | 0.067 | 0.20 | 0.61 | 50 | 0.16 | 3.08 | 44 | <0.5 |
| ZZ83551 | | 0.103 | 0.23 | 0.66 | 68 | 0.12 | 4.75 | 77 | 0.8 |
| ZZ83552 | | 0.132 | 0.26 | 0.68 | 83 | 0.23 | 4.99 | 82 | 0.9 |
| ZZ83553 | | 0.149 | 0.25 | 0.59 | 90 | 0.15 | 4.35 | 85 | 0.9 |
| ZZ83554 | | 0.110 | 0.20 | 0.84 | 59 | 0.20 | 8.33 | 63 | 1.1 |
| ZZ83555 | | 0.124 | 0.21 | 1.29 | 74 | 0.19 | 5.77 | 75 | 5.6 |
| ZZ83556 | | 0.125 | 0.22 | 0.88 | 72 | 0.22 | 4.44 | 75 | 2.9 |
| ZZ83557 | | 0.108 | 0.19 | 0.92 | 71 | 0.18 | 3.85 | 82 | 0.5 |
| ZZ83558 | | 0.141 | 0.18 | 0.79 | 83 | 0.23 | 3.35 | 96 | 2.5 |
| ZZ83559 | | 0.128 | 0.16 | 0.66 | 78 | 0.24 | 3.56 | 70 | 2.9 |
| ZZ83560 | | 0.107 | 0.15 | 0.58 | 61 | 0.17 | 3.43 | 57 | 0.5 |
| ZZ83561 | | 0.069 | 0.21 | 1.00 | 62 | 0.17 | 5.22 | 64 | 1.0 |
| ZZ83562 | | 0.076 | 0.16 | 0.83 | 67 | 0.22 | 3.95 | 62 | 2.4 |
| ZZ83563 | | 0.077 | 0.18 | 0.96 | 72 | 0.17 | 6.22 | 53 | <0.5 |
| ZZ83564 | | 0.054 | 0.14 | 1.08 | 51 | 0.18 | 7.04 | 63 | <0.5 |
| ZZ83565 | | 0.187 | 0.35 | 1.35 | 100 | 0.21 | 10.65 | 150 | 2.4 |
| ZZ83566 | | 0.265 | 0.50 | 1.41 | 93 | 0.16 | 14.00 | 125 | 0.5 |
| ZZ83567 | | 0.263 | 0.54 | 1.20 | 107 | 0.25 | 12.70 | 142 | 1.8 |
| ZZ83568 | | 0.107 | 0.20 | 1.29 | 77 | 0.24 | 11.00 | 90 | 1.0 |
| ZZ83569 | | 0.082 | 0.16 | 1.32 | 59 | 0.19 | 10.20 | 240 | 1.0 |
| ZZ83570 | | 0.092 | 0.15 | 0.84 | 59 | 0.24 | 5.96 | 64 | 0.7 |
| ZZ83571 | | 0.031 | 0.06 | 0.42 | 22 | 0.07 | 1.82 | 11 | <0.5 |
| ZZ83572 | | 0.049 | 0.06 | 0.28 | 35 | 0.10 | 1.32 | 21 | <0.5 |
| ZZ83573 | | 0.098 | 0.17 | 0.87 | 70 | 0.20 | 6.81 | 59 | 0.9 |
| ZZ83574 | | 0.087 | 0.19 | 1.05 | 73 | 0.20 | 7.48 | 61 | 2.9 |
| ZZ83575 | | 0.196 | 0.40 | 0.94 | 128 | 0.26 | 10.40 | 185 | 2.0 |
| ZZ83576 | | 0.048 | 0.11 | 0.36 | 30 | 0.09 | 2.20 | 19 | <0.5 |
| ZZ83577 | | 0.087 | 0.15 | 0.71 | 67 | 0.22 | 5.77 | 62 | 1.0 |
| ZZ83578 | | 0.014 | 0.07 | 0.88 | 32 | 0.09 | 5.43 | 27 | <0.5 |
| ZZ83579 | | 0.101 | 0.15 | 1.18 | 59 | 0.19 | 11.95 | 57 | 0.7 |
| ZZ83580 | | 0.026 | 0.07 | 0.56 | 28 | 0.10 | 2.70 | 21 | <0.5 |
| ZZ83581 | | 0.025 | 0.02 | 0.19 | 14 | <0.05 | 1.01 | 7 | <0.5 |
| ZZ83582 | | 0.049 | 0.12 | 0.66 | 50 | 0.16 | 3.70 | 27 | <0.5 |
| ZZ83583 | | 0.100 | 0.16 | 1.22 | 66 | 0.19 | 12.30 | 150 | 0.8 |
| ZZ83584 | | 0.094 | 0.19 | 1.21 | 60 | 0.15 | 7.31 | 68 | 1.0 |
| ZZ83585 | | 0.113 | 0.15 | 0.55 | 68 | 0.19 | 5.00 | 63 | 1.1 |
| ZZ83586 | | 0.072 | 0.14 | 0.74 | 58 | 0.22 | 4.81 | 89 | <0.5 |
| ZZ83587 | | 0.071 | 0.27 | 2.67 | 50 | 0.19 | 6.49 | 134 | 0.7 |
| ZZ83588 | | 0.027 | 0.03 | 0.89 | 22 | 0.08 | 1.78 | 14 | <0.5 |

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

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**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | WEI- 21 | Au- ICP21 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.001 | 0.01 | 0.01 | 0.1 | 0.02 | 10 | 10 | 0.05 | 0.01 | 0.01 | 0.01 | 0.02 | 0.1 | 1 |
| ZZ83589 | | 0.17 | 0.006 | 0.28 | 2.55 | 12.9 | 0.06 | <10 | 140 | 0.71 | 0.82 | 0.57 | 0.56 | 23.0 | 10.1 | 28 |
| ZZ83590 | | 0.14 | 0.003 | 0.41 | 2.62 | 12.1 | <0.02 | <10 | 170 | 0.92 | 1.16 | 0.51 | 0.32 | 21.5 | 8.7 | 27 |
| ZZ83591 | | 0.20 | 0.009 | 0.33 | 3.00 | 9.7 | <0.02 | <10 | 140 | 1.18 | 0.69 | 0.48 | 0.36 | 25.7 | 14.2 | 37 |
| ZZ83592 | | 0.29 | <0.001 | 0.63 | 2.70 | 16.1 | <0.02 | <10 | 140 | 0.91 | 1.79 | 0.54 | 0.61 | 44.3 | 15.5 | 57 |
| ZZ83593 | | 0.32 | <0.001 | 0.51 | 2.25 | 21.3 | <0.02 | <10 | 130 | 0.96 | 1.81 | 0.23 | 0.61 | 77.6 | 17.7 | 33 |
| ZZ83594 | | 0.23 | 0.005 | 2.57 | 2.06 | 76.6 | <0.02 | <10 | 200 | 0.82 | 3.24 | 0.25 | 0.37 | 73.7 | 10.0 | 35 |
| ZZ83595 | | 0.35 | 0.005 | 0.61 | 2.49 | 60.2 | <0.02 | <10 | 180 | 0.75 | 1.84 | 0.32 | 0.27 | 37.7 | 10.1 | 35 |
| ZZ83596 | | 0.44 | 0.003 | 0.18 | 1.78 | 17.0 | <0.02 | <10 | 130 | 0.49 | 0.35 | 0.20 | 0.21 | 31.6 | 8.2 | 28 |
| ZZ83597 | | 0.26 | 0.001 | 0.28 | 1.71 | 8.6 | <0.02 | <10 | 120 | 0.57 | 0.46 | 0.20 | 0.16 | 27.4 | 5.4 | 25 |
| ZZ83598 | | 0.21 | 0.001 | 0.18 | 1.89 | 19.4 | <0.02 | <10 | 90 | 0.42 | 0.27 | 0.14 | 0.15 | 23.1 | 5.3 | 53 |
| ZZ83599 | | 0.26 | 0.001 | 0.11 | 2.21 | 25.1 | <0.02 | <10 | 120 | 1.10 | 0.23 | 0.18 | 0.28 | 32.4 | 10.0 | 28 |
| ZZ83600 | | 0.29 | <0.001 | 0.55 | 1.29 | 25.6 | <0.02 | <10 | 100 | 0.32 | 0.39 | 0.12 | 0.37 | 18.75 | 3.8 | 15 |
| ZZ83601 | | 0.50 | <0.001 | 0.17 | 2.41 | 44.9 | <0.02 | <10 | 150 | 0.56 | 1.14 | 0.25 | 0.34 | 22.9 | 7.7 | 27 |
| ZZ83602 | | 0.30 | 0.004 | 1.16 | 1.69 | 95.5 | <0.02 | <10 | 120 | 0.57 | 0.67 | 0.14 | 0.34 | 18.40 | 4.9 | 20 |
| ZZ83603 | | 0.32 | <0.001 | 0.29 | 2.26 | 35.1 | <0.02 | <10 | 150 | 0.62 | 0.67 | 0.16 | 0.30 | 24.0 | 6.1 | 28 |
| ZZ83604 | | 0.50 | <0.001 | 0.17 | 2.23 | 39.7 | <0.02 | <10 | 180 | 0.62 | 0.56 | 0.18 | 0.43 | 29.4 | 8.9 | 29 |
| ZZ83605 | | 0.24 | 0.002 | 0.66 | 1.70 | 22.6 | <0.02 | <10 | 130 | 0.31 | 0.45 | 0.12 | 0.23 | 17.70 | 4.2 | 23 |
| ZZ83606 | | 0.37 | 0.001 | 0.27 | 2.26 | 37.1 | <0.02 | <10 | 160 | 0.48 | 0.56 | 0.21 | 0.30 | 22.2 | 10.1 | 30 |
| ZZ83607 | | 0.14 | <0.001 | 0.68 | 0.56 | 5.2 | <0.02 | <10 | 100 | 0.15 | 0.35 | 0.08 | 0.25 | 10.15 | 1.5 | 12 |
| ZZ83608 | | 0.40 | 0.003 | 0.11 | 2.08 | 63.6 | <0.02 | <10 | 160 | 0.44 | 1.00 | 0.24 | 0.40 | 30.1 | 8.2 | 30 |
| ZZ83609 | | 0.31 | <0.001 | 0.23 | 1.12 | 9.3 | <0.02 | <10 | 100 | 0.24 | 0.60 | 0.15 | 0.14 | 14.45 | 4.1 | 18 |
| ZZ83610 | | 0.31 | 0.001 | 0.13 | 2.08 | 19.0 | <0.02 | <10 | 150 | 0.49 | 1.00 | 0.19 | 0.23 | 22.4 | 7.4 | 30 |
| ZZ83611 | | 0.47 | <0.001 | 0.12 | 2.23 | 32.8 | 0.05 | <10 | 120 | 1.22 | 2.98 | 0.95 | 0.29 | 60.1 | 10.7 | 15 |
| ZZ83612 | | 0.38 | 0.001 | 0.25 | 1.82 | 66.3 | <0.02 | <10 | 130 | 0.69 | 1.42 | 0.40 | 0.29 | 33.0 | 8.9 | 22 |
| ZZ83613 | | 0.45 | 0.005 | 0.20 | 2.06 | 49.9 | <0.02 | <10 | 140 | 0.63 | 1.26 | 0.25 | 0.27 | 25.3 | 9.7 | 26 |
| ZZ83614 | | 0.46 | 0.002 | 0.19 | 1.83 | 73.2 | <0.02 | <10 | 120 | 0.53 | 1.26 | 0.27 | 0.25 | 23.2 | 7.6 | 23 |
| ZZ83615 | | 0.55 | 0.001 | 0.24 | 2.14 | 35.4 | <0.02 | <10 | 200 | 0.64 | 1.07 | 0.30 | 0.19 | 29.0 | 8.5 | 27 |
| ZZ83616 | | 0.39 | 0.001 | 0.44 | 1.72 | 16.5 | <0.02 | <10 | 180 | 0.64 | 0.55 | 0.22 | 0.09 | 28.1 | 5.2 | 20 |
| ZZ83617 | | 0.37 | 0.002 | 0.36 | 1.75 | 24.9 | <0.02 | <10 | 180 | 0.57 | 0.60 | 0.30 | 0.23 | 27.7 | 6.3 | 21 |
| ZZ83618 | | 0.21 | 0.001 | 0.26 | 1.77 | 10.9 | <0.02 | <10 | 170 | 0.56 | 0.35 | 0.28 | 0.17 | 24.4 | 4.5 | 19 |
| ZZ83619 | | 0.34 | <0.001 | 0.09 | 2.06 | 13.1 | <0.02 | <10 | 160 | 0.56 | 0.54 | 0.35 | 0.17 | 25.7 | 8.9 | 23 |
| ZZ83620 | | 0.21 | <0.001 | 0.16 | 1.73 | 22.3 | <0.02 | <10 | 150 | 0.32 | 0.32 | 0.21 | 0.13 | 19.75 | 6.1 | 31 |

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

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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo | Na |
| | Units | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % |
| | LOR | 0.05 | 0.2 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.2 | 0.1 | 0.01 | 5 | 0.05 | 0.01 |
| ZZ83589 | | 1.67 | 28.4 | 3.12 | 8.15 | 0.05 | 0.02 | 0.04 | 0.038 | 0.12 | 11.0 | 15.1 | 0.54 | 382 | 1.71 | 0.02 |
| ZZ83590 | | 1.61 | 22.9 | 2.71 | 8.14 | <0.05 | <0.02 | 0.05 | 0.032 | 0.10 | 11.8 | 14.1 | 0.49 | 323 | 1.40 | 0.01 |
| ZZ83591 | | 2.96 | 41.9 | 3.36 | 9.59 | 0.05 | <0.02 | 0.07 | 0.031 | 0.12 | 12.2 | 16.2 | 0.55 | 358 | 1.49 | 0.01 |
| ZZ83592 | | 4.50 | 47.6 | 3.53 | 9.49 | 0.09 | 0.02 | 0.01 | 0.060 | 0.50 | 20.4 | 25.5 | 0.94 | 348 | 0.72 | 0.02 |
| ZZ83593 | | 5.95 | 47.3 | 3.99 | 7.95 | 0.10 | <0.02 | 0.02 | 0.056 | 0.44 | 38.4 | 24.7 | 0.71 | 341 | 1.29 | 0.01 |
| ZZ83594 | | 3.56 | 81.2 | 5.31 | 9.01 | 0.09 | <0.02 | 0.03 | 0.153 | 0.39 | 46.6 | 17.2 | 0.50 | 249 | 2.83 | 0.02 |
| ZZ83595 | | 2.92 | 27.8 | 3.03 | 7.86 | 0.06 | <0.02 | 0.04 | 0.063 | 0.16 | 22.9 | 20.0 | 0.65 | 353 | 1.27 | 0.01 |
| ZZ83596 | | 1.49 | 14.7 | 2.53 | 6.93 | 0.05 | <0.02 | 0.03 | 0.027 | 0.09 | 16.8 | 14.5 | 0.46 | 367 | 0.97 | 0.01 |
| ZZ83597 | | 1.72 | 12.7 | 2.27 | 7.17 | <0.05 | <0.02 | 0.04 | 0.024 | 0.09 | 14.2 | 12.8 | 0.41 | 348 | 0.81 | 0.01 |
| ZZ83598 | | 2.42 | 24.5 | 2.53 | 9.86 | <0.05 | <0.02 | 0.01 | 0.020 | 0.07 | 12.3 | 9.4 | 0.57 | 248 | 2.44 | 0.01 |
| ZZ83599 | | 3.54 | 42.9 | 2.95 | 8.30 | 0.05 | <0.02 | 0.02 | 0.027 | 0.08 | 16.9 | 17.5 | 0.59 | 474 | 2.52 | 0.01 |
| ZZ83600 | | 3.34 | 11.3 | 1.99 | 8.81 | <0.05 | <0.02 | 0.02 | 0.017 | 0.05 | 10.7 | 7.6 | 0.26 | 261 | 2.56 | 0.01 |
| ZZ83601 | | 3.58 | 20.8 | 3.29 | 9.27 | <0.05 | 0.06 | 0.01 | 0.030 | 0.08 | 12.7 | 22.6 | 0.56 | 471 | 3.85 | 0.01 |
| ZZ83602 | | 2.12 | 18.2 | 2.13 | 5.95 | <0.05 | <0.02 | 0.03 | 0.025 | 0.05 | 10.2 | 11.1 | 0.30 | 255 | 7.77 | 0.01 |
| ZZ83603 | | 2.25 | 18.9 | 2.83 | 7.93 | <0.05 | <0.02 | 0.02 | 0.030 | 0.05 | 13.4 | 13.9 | 0.42 | 293 | 4.46 | 0.01 |
| ZZ83604 | | 1.84 | 20.5 | 2.92 | 6.94 | <0.05 | 0.04 | 0.03 | 0.029 | 0.05 | 15.3 | 14.8 | 0.44 | 328 | 4.35 | 0.01 |
| ZZ83605 | | 1.28 | 18.5 | 2.01 | 6.15 | <0.05 | <0.02 | 0.04 | 0.021 | 0.05 | 10.0 | 8.9 | 0.33 | 142 | 7.84 | 0.01 |
| ZZ83606 | | 1.59 | 19.1 | 3.13 | 6.28 | <0.05 | 0.05 | 0.02 | 0.028 | 0.06 | 11.9 | 15.1 | 0.48 | 396 | 8.62 | 0.01 |
| ZZ83607 | | 0.69 | 9.9 | 0.80 | 3.75 | <0.05 | <0.02 | 0.04 | 0.011 | 0.04 | 6.0 | 1.3 | 0.05 | 50 | 2.77 | 0.02 |
| ZZ83608 | | 2.09 | 22.9 | 2.98 | 7.03 | <0.05 | 0.04 | 0.01 | 0.029 | 0.05 | 16.8 | 16.8 | 0.54 | 319 | 2.46 | 0.01 |
| ZZ83609 | | 1.09 | 11.7 | 1.64 | 5.02 | <0.05 | <0.02 | 0.01 | 0.013 | 0.05 | 8.4 | 6.3 | 0.26 | 160 | 1.09 | 0.01 |
| ZZ83610 | | 1.64 | 18.6 | 2.92 | 7.11 | <0.05 | 0.02 | 0.02 | 0.027 | 0.06 | 12.2 | 13.7 | 0.46 | 300 | 1.81 | 0.01 |
| ZZ83611 | | 9.56 | 65.5 | 3.16 | 9.41 | 0.09 | 0.04 | <0.01 | 0.025 | 0.16 | 36.6 | 17.2 | 0.52 | 433 | 6.79 | 0.01 |
| ZZ83612 | | 2.05 | 31.9 | 2.64 | 6.24 | 0.05 | 0.02 | 0.02 | 0.026 | 0.05 | 18.7 | 14.8 | 0.45 | 414 | 5.39 | 0.01 |
| ZZ83613 | | 2.12 | 26.0 | 2.80 | 7.01 | <0.05 | 0.02 | 0.03 | 0.029 | 0.05 | 13.0 | 20.7 | 0.47 | 413 | 2.87 | 0.01 |
| ZZ83614 | | 2.24 | 20.4 | 2.78 | 6.74 | <0.05 | 0.02 | 0.03 | 0.031 | 0.06 | 12.7 | 18.5 | 0.45 | 362 | 2.66 | 0.01 |
| ZZ83615 | | 2.14 | 23.9 | 2.94 | 6.89 | 0.05 | 0.02 | 0.03 | 0.029 | 0.06 | 16.1 | 20.9 | 0.50 | 343 | 2.16 | 0.01 |
| ZZ83616 | | 1.85 | 20.8 | 2.06 | 5.90 | <0.05 | 0.02 | 0.04 | 0.020 | 0.04 | 15.6 | 14.4 | 0.33 | 153 | 1.26 | 0.01 |
| ZZ83617 | | 2.04 | 20.5 | 2.48 | 6.66 | <0.05 | <0.02 | 0.03 | 0.025 | 0.05 | 14.2 | 15.9 | 0.39 | 227 | 1.48 | 0.01 |
| ZZ83618 | | 2.27 | 16.6 | 2.09 | 6.95 | <0.05 | <0.02 | 0.04 | 0.023 | 0.05 | 13.4 | 12.5 | 0.31 | 154 | 1.71 | 0.01 |
| ZZ83619 | | 2.19 | 13.1 | 2.69 | 6.14 | <0.05 | 0.03 | 0.02 | 0.021 | 0.08 | 12.9 | 20.1 | 0.47 | 327 | 1.02 | 0.01 |
| ZZ83620 | | 1.61 | 16.4 | 2.10 | 6.04 | <0.05 | 0.02 | 0.04 | 0.019 | 0.08 | 10.3 | 14.8 | 0.50 | 166 | 1.21 | 0.01 |

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

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To: **ATAC RESOURCES LTD.**
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**VANCOUVER BC V6B 1L8**


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

Project: Connaught

# CERTIFICATE OF ANALYSIS WH17164319

| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th |
| | Units | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.05 | 0.2 | 10 | 0.2 | 0.1 | 0.001 | 0.01 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 | 0.01 | 0.2 |
| ZZ83589 | | 1.30 | 17.3 | 690 | 38.0 | 12.5 | <0.001 | 0.01 | 0.40 | 4.6 | 0.5 | 0.7 | 42.0 | 0.01 | 0.15 | 2.6 |
| ZZ83590 | | 1.08 | 17.0 | 850 | 47.2 | 12.6 | <0.001 | 0.06 | 0.37 | 3.2 | 0.5 | 0.6 | 37.9 | 0.01 | 0.07 | 0.7 |
| ZZ83591 | | 1.60 | 19.5 | 530 | 28.4 | 13.9 | <0.001 | 0.02 | 0.38 | 4.6 | 0.7 | 0.7 | 38.9 | 0.01 | 0.22 | 2.7 |
| ZZ83592 | | 2.15 | 42.0 | 660 | 61.3 | 51.6 | <0.001 | 0.02 | 0.36 | 5.6 | 0.5 | 0.8 | 65.0 | 0.02 | 0.11 | 7.9 |
| ZZ83593 | | 1.87 | 34.0 | 620 | 43.4 | 55.0 | <0.001 | 0.11 | 0.35 | 4.2 | 0.8 | 0.8 | 43.9 | 0.01 | 0.05 | 9.3 |
| ZZ83594 | | 1.69 | 25.6 | 590 | 474 | 48.1 | <0.001 | 0.45 | 4.15 | 4.7 | 1.7 | 2.6 | 64.6 | 0.01 | 0.50 | 7.8 |
| ZZ83595 | | 1.36 | 25.2 | 780 | 46.1 | 28.7 | <0.001 | 0.02 | 0.61 | 4.6 | 0.6 | 1.3 | 26.6 | <0.01 | 0.07 | 3.6 |
| ZZ83596 | | 0.83 | 15.5 | 700 | 26.6 | 16.1 | <0.001 | 0.01 | 0.44 | 2.4 | 0.4 | 0.8 | 19.4 | <0.01 | 0.05 | 1.0 |
| ZZ83597 | | 0.76 | 12.2 | 640 | 29.1 | 18.2 | <0.001 | 0.02 | 0.34 | 1.9 | 0.4 | 0.9 | 22.7 | <0.01 | 0.07 | 0.5 |
| ZZ83598 | | 2.12 | 26.7 | 340 | 33.0 | 12.3 | <0.001 | 0.01 | 0.48 | 2.9 | 0.4 | 1.0 | 25.2 | <0.01 | 0.06 | 2.6 |
| ZZ83599 | | 1.81 | 16.4 | 500 | 52.4 | 15.6 | <0.001 | <0.01 | 0.59 | 3.2 | 0.5 | 1.0 | 24.9 | <0.01 | 0.05 | 4.7 |
| ZZ83600 | | 1.04 | 7.3 | 580 | 43.6 | 18.0 | <0.001 | <0.01 | 0.45 | 1.3 | 0.2 | 0.6 | 48.3 | <0.01 | 0.04 | 0.6 |
| ZZ83601 | | 1.72 | 15.5 | 430 | 48.2 | 15.9 | <0.001 | <0.01 | 0.78 | 3.4 | 0.3 | 0.6 | 56.3 | <0.01 | 0.05 | 10.1 |
| ZZ83602 | | 0.99 | 10.5 | 350 | 129.5 | 10.7 | <0.001 | <0.01 | 0.99 | 2.2 | 0.3 | 0.4 | 31.8 | <0.01 | 0.05 | 3.2 |
| ZZ83603 | | 1.27 | 14.1 | 360 | 63.0 | 12.1 | <0.001 | <0.01 | 0.59 | 3.1 | 0.3 | 0.6 | 47.1 | <0.01 | 0.06 | 5.3 |
| ZZ83604 | | 1.35 | 16.6 | 310 | 56.3 | 10.2 | <0.001 | <0.01 | 0.72 | 3.8 | 0.4 | 0.5 | 48.3 | <0.01 | 0.05 | 9.2 |
| ZZ83605 | | 0.89 | 12.1 | 350 | 38.9 | 10.4 | <0.001 | 0.01 | 0.51 | 2.2 | 0.3 | 0.5 | 26.9 | <0.01 | 0.04 | 0.9 |
| ZZ83606 | | 1.53 | 19.3 | 490 | 29.5 | 9.5 | <0.001 | <0.01 | 0.67 | 3.3 | 0.2 | 0.5 | 36.2 | <0.01 | 0.05 | 6.8 |
| ZZ83607 | | 0.42 | 5.2 | 380 | 35.7 | 5.2 | <0.001 | 0.01 | 0.22 | 0.6 | 0.2 | 0.4 | 19.3 | <0.01 | 0.04 | <0.2 |
| ZZ83608 | | 1.67 | 19.1 | 450 | 52.4 | 10.6 | <0.001 | <0.01 | 0.56 | 3.3 | 0.3 | 0.5 | 40.1 | <0.01 | 0.05 | 7.4 |
| ZZ83609 | | 1.03 | 10.4 | 310 | 13.4 | 9.3 | <0.001 | <0.01 | 0.30 | 1.6 | <0.2 | 0.4 | 24.0 | <0.01 | 0.03 | 1.0 |
| ZZ83610 | | 1.49 | 18.1 | 460 | 22.9 | 11.2 | <0.001 | <0.01 | 0.48 | 2.8 | 0.3 | 0.5 | 34.9 | <0.01 | 0.05 | 1.7 |
| ZZ83611 | | 1.23 | 8.2 | 1240 | 45.3 | 40.4 | <0.001 | <0.01 | 0.60 | 4.2 | 0.3 | 0.6 | 181.0 | 0.01 | 0.05 | 17.5 |
| ZZ83612 | | 1.16 | 13.5 | 670 | 54.7 | 10.7 | <0.001 | <0.01 | 0.54 | 3.3 | 0.3 | 0.5 | 70.3 | 0.01 | 0.04 | 7.6 |
| ZZ83613 | | 1.25 | 17.6 | 540 | 50.1 | 11.7 | <0.001 | 0.01 | 0.57 | 3.2 | 0.6 | 0.5 | 43.3 | <0.01 | 0.04 | 5.1 |
| ZZ83614 | | 1.11 | 13.3 | 600 | 52.6 | 12.0 | <0.001 | 0.01 | 0.47 | 2.7 | 0.5 | 0.5 | 40.4 | <0.01 | 0.03 | 3.2 |
| ZZ83615 | | 1.36 | 15.3 | 640 | 31.9 | 13.5 | <0.001 | 0.01 | 0.38 | 3.5 | 0.5 | 0.5 | 38.0 | 0.01 | 0.03 | 4.5 |
| ZZ83616 | | 1.32 | 10.8 | 450 | 17.1 | 9.9 | <0.001 | 0.01 | 0.28 | 2.9 | 0.6 | 0.5 | 33.5 | <0.01 | 0.03 | 2.2 |
| ZZ83617 | | 1.30 | 12.4 | 510 | 38.4 | 14.1 | <0.001 | 0.02 | 0.33 | 2.7 | 0.4 | 0.5 | 38.5 | <0.01 | 0.03 | 2.3 |
| ZZ83618 | | 1.40 | 9.7 | 450 | 13.6 | 12.8 | <0.001 | 0.02 | 0.25 | 2.3 | 0.4 | 0.6 | 43.4 | 0.01 | 0.03 | 1.4 |
| ZZ83619 | | 1.89 | 15.3 | 640 | 12.0 | 15.5 | <0.001 | 0.01 | 0.27 | 2.9 | 0.4 | 0.5 | 36.5 | 0.01 | 0.05 | 11.6 |
| ZZ83620 | | 1.64 | 18.2 | 530 | 12.3 | 13.4 | <0.001 | 0.03 | 0.28 | 3.1 | 0.6 | 0.5 | 22.9 | <0.01 | 0.05 | 1.1 |

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| Sample Description | Method | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 | ME- MS41 |
|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Ti | Tl | U | V | W | Y | Zn | Zr |
| | Units | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.005 | 0.02 | 0.05 | 1 | 0.05 | 0.05 | 2 | 0.5 |
| ZZ83589 | | 0.084 | 0.13 | 1.22 | 56 | 0.22 | 6.62 | 142 | 0.6 |
| ZZ83590 | | 0.061 | 0.13 | 1.43 | 53 | 0.21 | 6.74 | 121 | 0.5 |
| ZZ83591 | | 0.084 | 0.21 | 1.28 | 61 | 0.24 | 7.19 | 88 | 0.5 |
| ZZ83592 | | 0.162 | 0.45 | 1.62 | 59 | 0.16 | 6.89 | 200 | 0.8 |
| ZZ83593 | | 0.103 | 0.45 | 3.37 | 47 | 0.12 | 12.05 | 182 | <0.5 |
| ZZ83594 | | 0.074 | 0.54 | 3.05 | 47 | 0.19 | 8.85 | 237 | <0.5 |
| ZZ83595 | | 0.078 | 0.25 | 1.99 | 51 | 0.25 | 9.66 | 143 | 0.6 |
| ZZ83596 | | 0.070 | 0.16 | 1.60 | 52 | 0.22 | 8.34 | 74 | <0.5 |
| ZZ83597 | | 0.060 | 0.18 | 2.01 | 48 | 0.29 | 7.96 | 64 | <0.5 |
| ZZ83598 | | 0.128 | 0.14 | 1.64 | 82 | 0.24 | 3.07 | 95 | 0.7 |
| ZZ83599 | | 0.085 | 0.17 | 3.00 | 61 | 0.21 | 6.96 | 115 | 0.5 |
| ZZ83600 | | 0.080 | 0.11 | 0.83 | 60 | 1.63 | 2.37 | 58 | <0.5 |
| ZZ83601 | | 0.093 | 0.14 | 1.20 | 71 | 5.45 | 2.93 | 91 | 2.5 |
| ZZ83602 | | 0.059 | 0.10 | 1.55 | 47 | 1.15 | 2.89 | 73 | <0.5 |
| ZZ83603 | | 0.068 | 0.14 | 1.63 | 63 | 1.47 | 3.47 | 79 | 0.5 |
| ZZ83604 | | 0.071 | 0.13 | 1.72 | 63 | 1.11 | 4.83 | 81 | 1.7 |
| ZZ83605 | | 0.062 | 0.11 | 1.52 | 47 | 0.49 | 2.65 | 54 | <0.5 |
| ZZ83606 | | 0.090 | 0.11 | 0.87 | 64 | 1.37 | 3.15 | 70 | 2.2 |
| ZZ83607 | | 0.039 | 0.08 | 0.51 | 25 | 0.25 | 1.33 | 24 | <0.5 |
| ZZ83608 | | 0.098 | 0.12 | 1.34 | 64 | 0.44 | 3.80 | 86 | 1.7 |
| ZZ83609 | | 0.073 | 0.07 | 0.76 | 41 | 0.27 | 2.05 | 39 | 0.5 |
| ZZ83610 | | 0.094 | 0.10 | 1.23 | 63 | 0.42 | 3.52 | 68 | 0.9 |
| ZZ83611 | | 0.096 | 0.46 | 3.98 | 56 | 16.55 | 5.82 | 75 | 1.5 |
| ZZ83612 | | 0.076 | 0.13 | 3.96 | 55 | 1.50 | 5.69 | 83 | 0.8 |
| ZZ83613 | | 0.076 | 0.13 | 1.49 | 59 | 1.38 | 4.00 | 88 | 1.0 |
| ZZ83614 | | 0.074 | 0.13 | 1.51 | 62 | 1.74 | 3.83 | 94 | 0.7 |
| ZZ83615 | | 0.088 | 0.16 | 2.18 | 67 | 0.92 | 5.07 | 69 | 0.8 |
| ZZ83616 | | 0.076 | 0.14 | 2.85 | 46 | 0.38 | 5.96 | 43 | 0.6 |
| ZZ83617 | | 0.084 | 0.14 | 2.01 | 60 | 0.27 | 4.87 | 52 | 0.6 |
| ZZ83618 | | 0.079 | 0.16 | 2.33 | 51 | 0.25 | 4.54 | 38 | <0.5 |
| ZZ83619 | | 0.107 | 0.14 | 2.35 | 61 | 0.28 | 4.60 | 58 | 1.1 |
| ZZ83620 | | 0.094 | 0.15 | 0.87 | 54 | 0.18 | 3.85 | 57 | 0.7 |

***** 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/geochemistry

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

Project: Connaught


**Finalized Date: 17- SEP- 2017**
**Account: RCM**

# CERTIFICATE OF ANALYSIS WH17164319

## CERTIFICATE COMMENTS

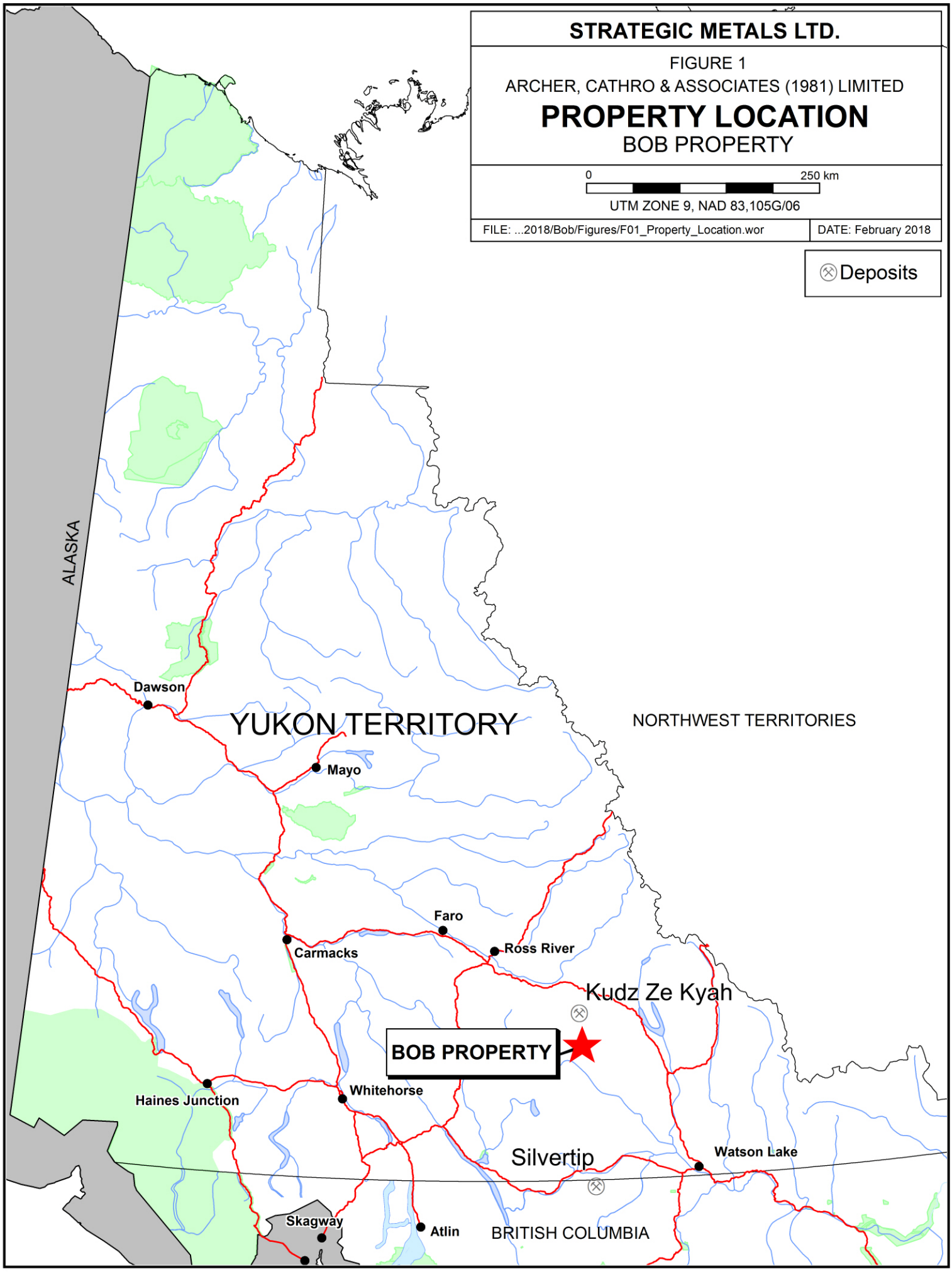
### ANALYTICAL COMMENTS

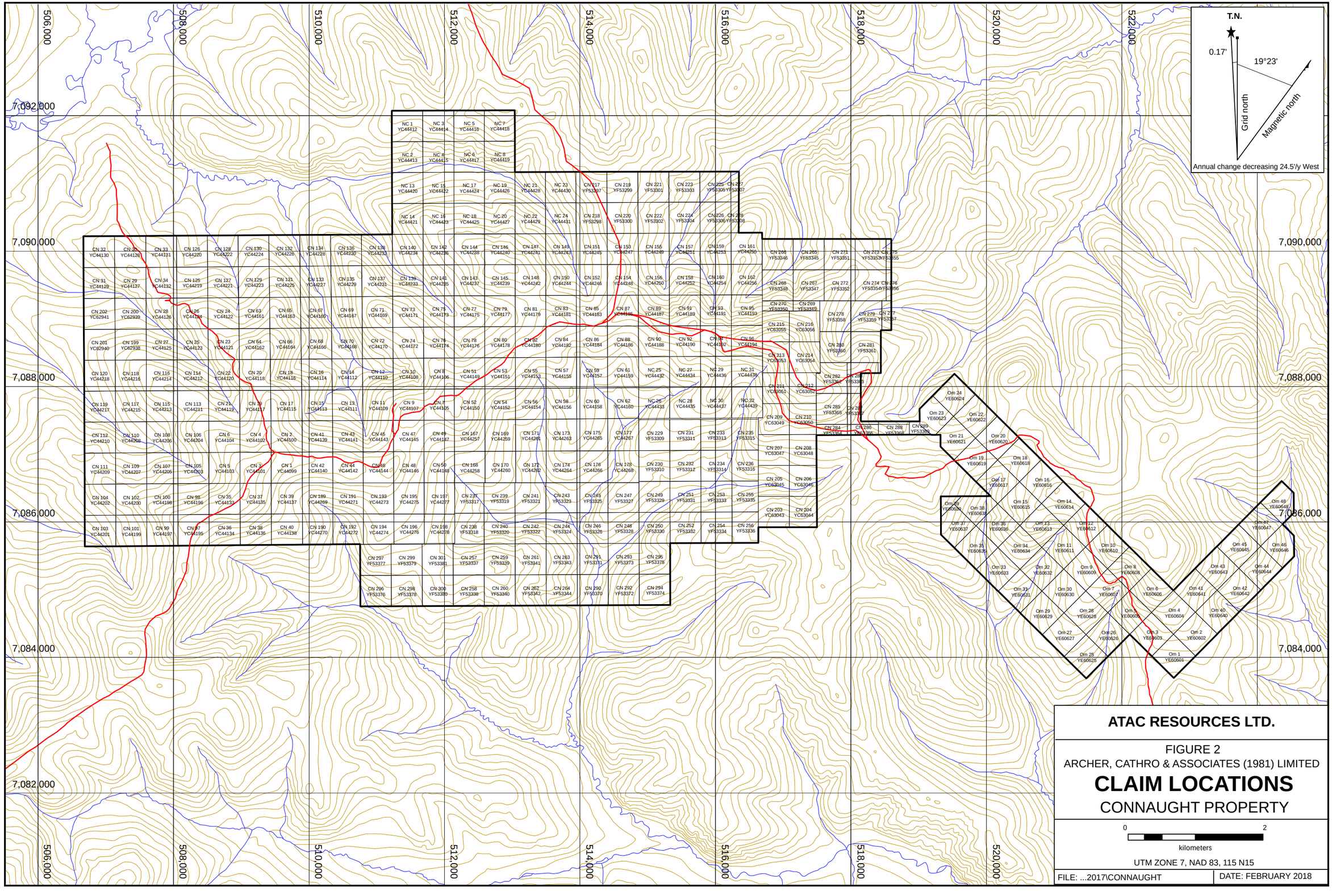
Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

### LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS41


STRATEGIC METALS LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
BOB PROPERTY
0
250 km
UTM ZONE 9, NAD 83,105G/06
FILE: ...2018/Bob/Figures/F01_Property_Location.wor
DATE: February 2018
Deposits
ALASKA
Dawson
YUKON TERRITORY
NORTHWEST TERRITORIES
Mayo
Faro
Carmacks
Ross River
Kudz Ze Kyah
BOB PROPERTY
Haines Junction
Whitehorse
Silvertip
Watson Lake
Skagway
Atlin
BRITISH COLUMBIA




**ATAC RESOURCES LTD.**

FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

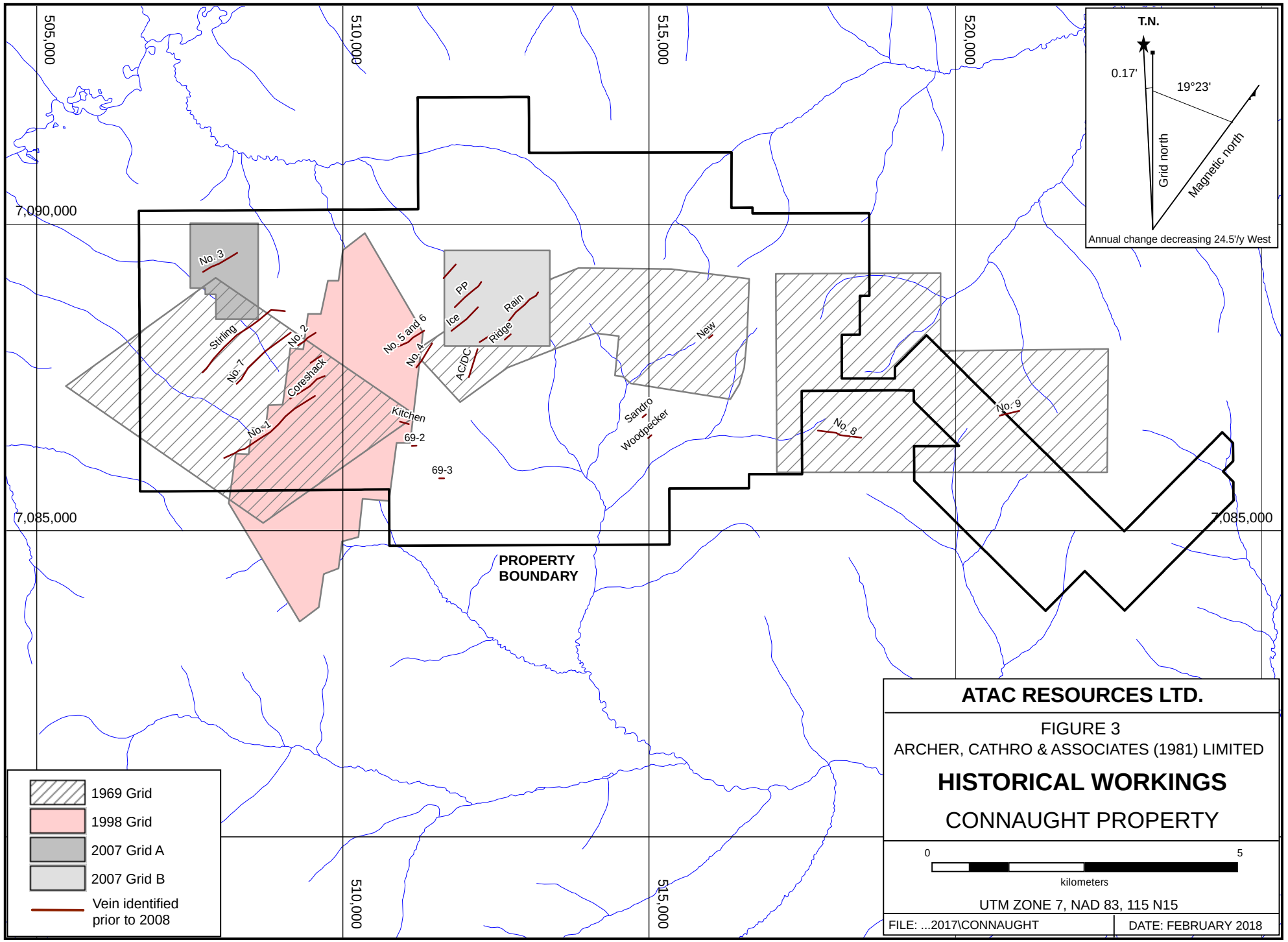
# CLAIM LOCATIONS

CONNAUGHT PROPERTY

UTM ZONE 7, NAD 83, 115 N15

FILE: ...2017\CONNAUGHT

DATE: FEBRUARY 2018


505,000
510,000
515,000
520,000
7,090,000
7,085,000
T.N.
0.17'
19°23'
Grid north
Magnetic north
Annual change decreasing 24.5'/y West
No. 3
Stirling
No. 2
No. 7
Coreshack
No. 1
No. 5 and 6
No. 4
Kitchen
69-2
69-3
PP
Ice
Rain
Ridge
AC/DC
New
Sandro
Woodpecker
No. 8
No. 9
PROPERTY BOUNDARY
1969 Grid
1998 Grid
2007 Grid A
2007 Grid B
Vein identified prior to 2008
ATAC RESOURCES LTD.
FIGURE 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
HISTORICAL WORKINGS
CONNAUGHT PROPERTY
0
5
kilometers
UTM ZONE 7, NAD 83, 115 N15
FILE: ...2017\CONNAUGHT
DATE: FEBRUARY 2018

# ATAC RESOURCES LTD.

FIGURE 4

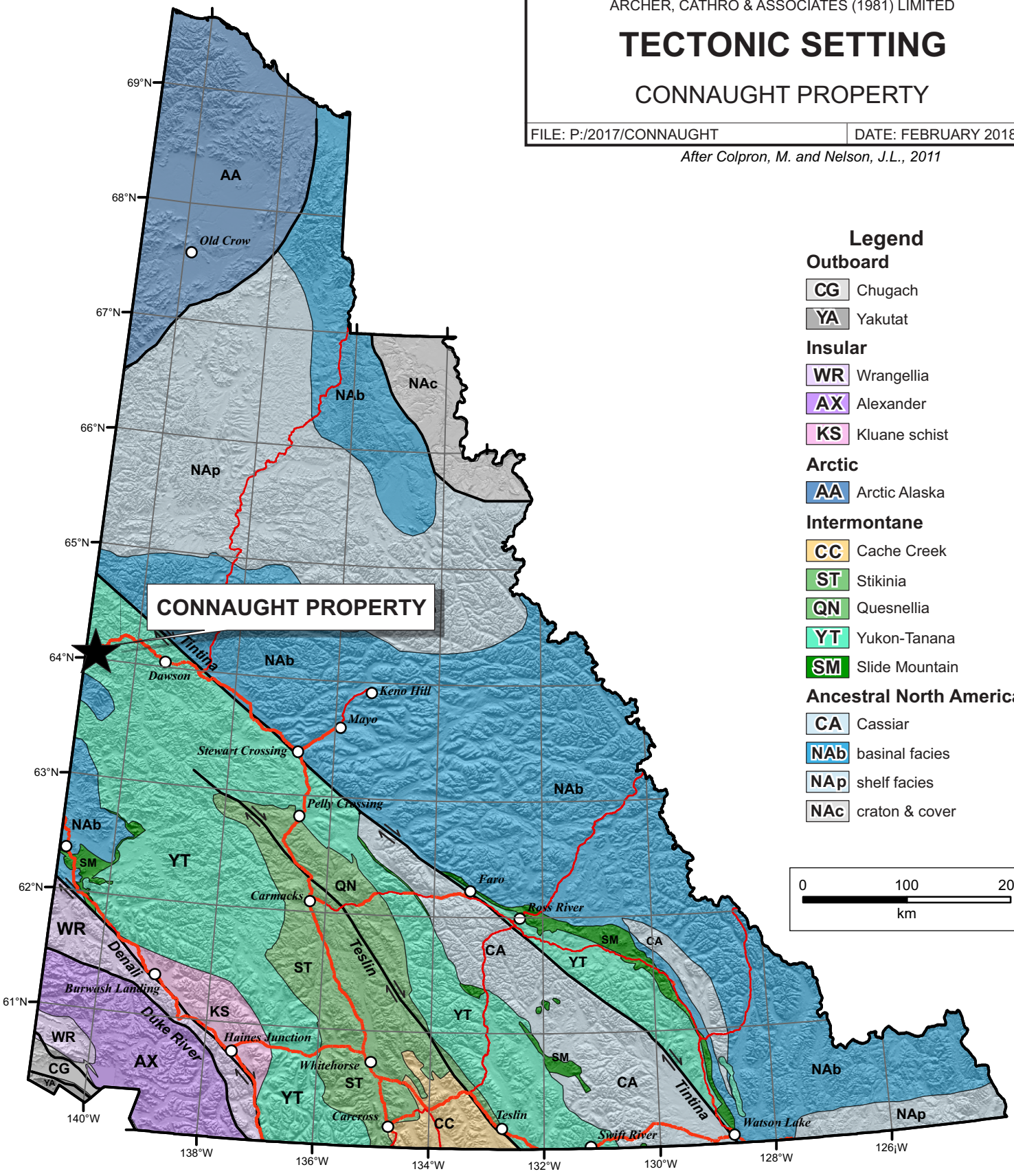
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# TECTONIC SETTING

## CONNAUGHT PROPERTY

FILE: P:/2017/CONNAUGHT | DATE: FEBRUARY 2018

*After Colpron, M. and Nelson, J.L., 2011*




## Legend

**Outboard**

- CG Chugach
- YA Yakutat

**Insular**

- WR Wrangellia
- AX Alexander
- KS Kluane schist

**Arctic**

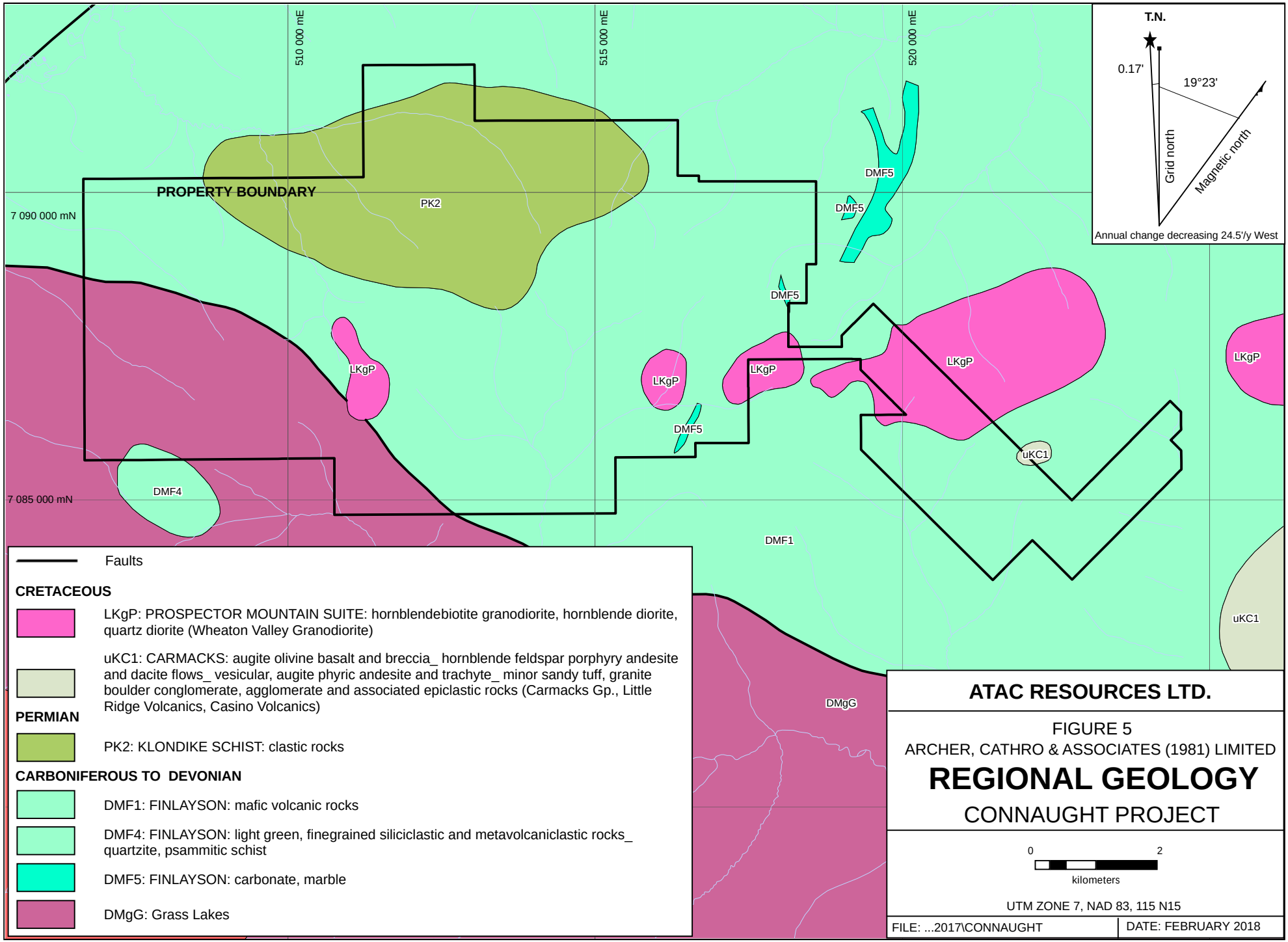
- AA Arctic Alaska

**Intermontane**

- CC Cache Creek
- ST Stikinia
- QN Quesnellia
- YT Yukon-Tanana
- SM Slide Mountain

**Ancestral North America**

- CA Cassiar
- NAb basinal facies
- NAp shelf facies
- NAc craton & cover


510 000 mE
515 000 mE
520 000 mE
7 090 000 mN
7 085 000 mN
PROPERTY BOUNDARY
PK2
DMF5
DMF5
DMF5
DMF5
LKgP
LKgP
LKgP
LKgP
LKgP
uKC1
uKC1
DMF4
DMF1
DMgG
T.N.
0.17'
19°23'
Grid north
Magnetic north
Annual change decreasing 24.5'/y West
Faults
CRETACEOUS
LKgP: PROSPECTOR MOUNTAIN SUITE: hornblendebiotite granodiorite, hornblende diorite, quartz diorite (Wheaton Valley Granodiorite)
uKC1: CARMACKS: 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 (Carmacks Gp., Little Ridge Volcanics, Casino Volcanics)
PERMIAN
PK2: KLONDIKE SCHIST: clastic rocks
CARBONIFEROUS TO DEVONIAN
DMF1: FINLAYSON: mafic volcanic rocks
DMF4: FINLAYSON: light green, finegrained siliciclastic and metavolcaniclastic rocks_ quartzite, psammitic schist
DMF5: FINLAYSON: carbonate, marble
DMgG: Grass Lakes
ATAC RESOURCES LTD.
FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL GEOLOGY
CONNAUGHT PROJECT
0
2
kilometers
UTM ZONE 7, NAD 83, 115 N15
FILE: ...2017\CONNAUGHT
DATE: FEBRUARY 2018

514,000
516,000
518,000
520,000
522,000
7,090,000
7,088,000
7,086,000
7,084,000

T.N.
0.17°
19°23'
Grid north
Magnetic north
Annual change decreasing 24.5'/y West

PROPERTY BOUNDARY

STRIKE AND DIRECTIONAL DIP
FRACTURE
VEIN WITH DIP
STRIKE WITH VERTICAL DIP
FOLIATION
HORNFELSING
MAGNETITE FLOODING AND BRECCIATION
LINEAR-RECESSIVE
CONTACT
ROAD
LATE CRETACEOUS HBLD-BI GRANODIORITE - VARIABLY ALTERED.
FINE GRAINED, STRONGLY MAGENTIC INTRUSIVE - GABBRO?
SKARN HORIZON DIOP±MAG±EPI±CHL±GAR SKARN
NASINA ASSEMBLAGE (SLIDE MOUNTAIN EQUIVALENT?) HIGHEST METAMORPHIC GRADE, NICELY BANDED MICACEOUS QUARTZITE/GRAHITIC QUARTZITE MUSCOVITE-BIOTITE (M vs B) & (G)

**ATAC RESOURCES LTD.**

FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# PROPERTY GEOLOGY

CONNAUGHT PROPERTY

0 1
kilometers

UTM ZONE 7, NAD 83, 115 N15

FILE: ...2017\CONNAUGHT | DATE: FEBRUARY 2018

510,000

515,000

520,000

7,090,000

7,085,000

T.N.

0.17'

19°23'

Grid north

Magnetic north

Annual change decreasing 24.5'/y West

PROPERTY BOUNDARY

Road

Historical vein

**Gold-in-rock (ppb)**

≥1,000 ≤10,900

≥500 <1,000

≥200 <500

≥100 <200

>0 <100

**ATAC RESOURCES LTD.**

FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# GOLD ROCK GEOCHEMISTRY

CONNAUGHT PROPERTY

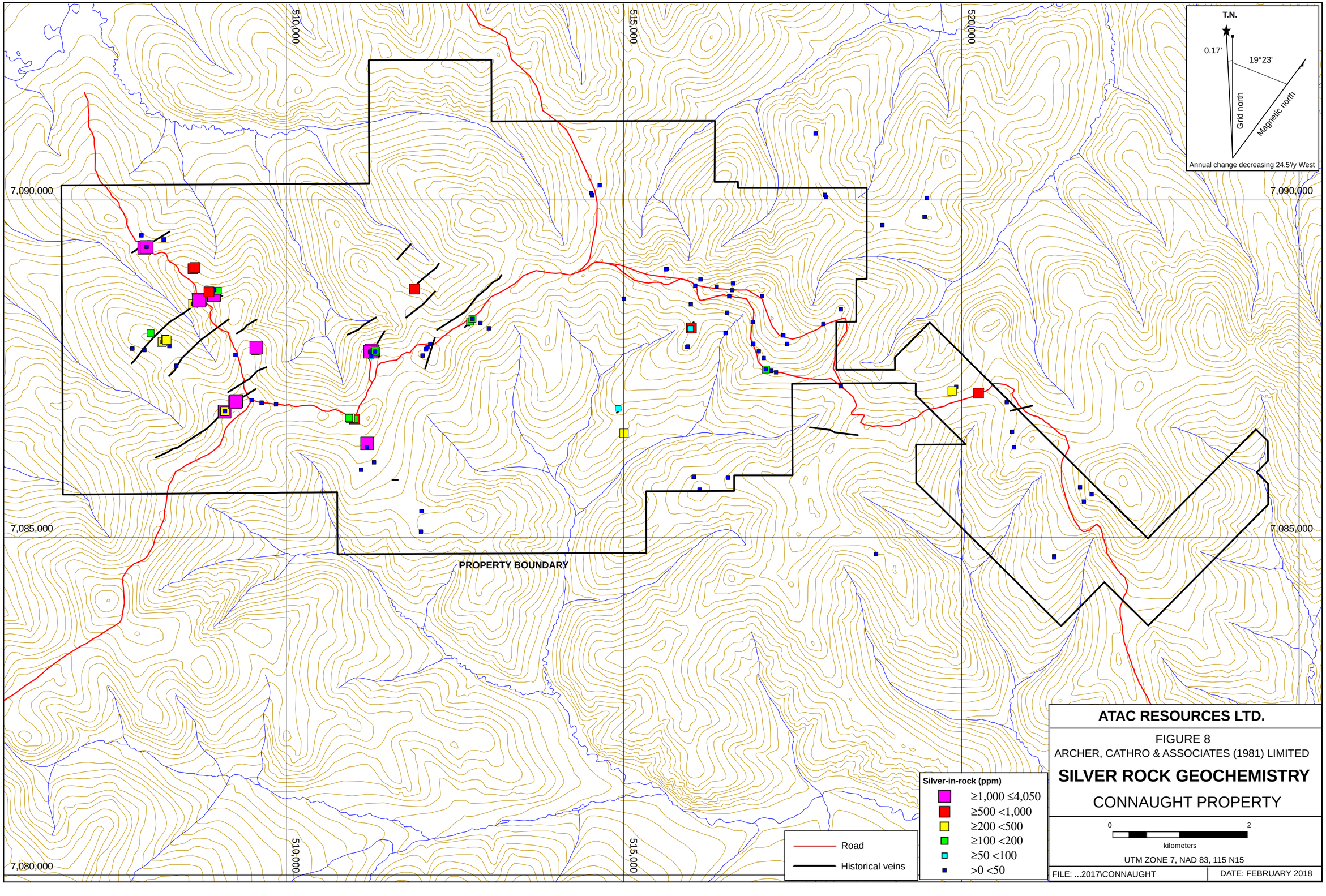
0 2

kilometers

UTM ZONE 7, NAD 83, 115 N15

FILE: ...2017\CONNAUGHT

DATE: FEBRUARY 2018


510,000
515,000
520,000
7,090,000
7,085,000
7,080,000
T.N.
0.17'
19°23'
Grid north
Magnetic north
Annual change decreasing 24.5'/y West
PROPERTY BOUNDARY
Road
Historical veins
Silver-in-rock (ppm)
≥1,000 ≤4,050
≥500 <1,000
≥200 <500
≥100 <200
≥50 <100
>0 <50
ATAC RESOURCES LTD.
FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SILVER ROCK GEOCHEMISTRY
CONNAUGHT PROPERTY
0
2
kilometers
UTM ZONE 7, NAD 83, 115 N15
FILE: ...2017\CONNAUGHT
DATE: FEBRUARY 2018

510,000

515,000

520,000

7,090,000

7,085,000

7,080,000

T.N.

0.17'

19°23'

Grid north

Magnetic north

Annual change decreasing 24.5'/y West

PROPERTY BOUNDARY

Historical veins

Road

**Lead-in-rock (ppm)**

≥100,000 ≤795,000

≥50,000 <100,000

≥20,000 <50,000

≥10,000 <20,000

>0 <10,000

**ATAC RESOURCES LTD.**

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# LEAD ROCK GEOCHEMISTRY

CONNAUGHT PROPERTY

0 1.653

kilometers

UTM ZONE 7, NAD 83, 115 N15

FILE: ...2017\CONNAUGHT

DATE: FEBRUARY 2018

510,000

515,000

520,000

7,090,000

7,085,000

7,080,000

T.N.

0.17'

19°23'

Grid north

Magnetic north

Annual change decreasing 24.5'/y West

Historical veins

Road

**Copper-in-rock (ppm)**

- ≥10,000 ≤16,400
- ≥5,000 <10,000
- ≥2,000 <5,000
- ≥1,000 <2,000
- ≥500 <1,000
- >0 <500

**ATAC RESOURCES LTD.**

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# COPPER ROCK GEOCHEMISTRY

CONNAUGHT PROPERTY

0 2

kilometers

UTM ZONE 7, NAD 83, 115 N15

FILE: ...2017\CONNAUGHT

DATE: FEBRUARY 2018

510,000

515,000

520,000

7,090,000

7,085,000

T.N.

0.17'

19°23'

Grid north

Magnetic north

Annual change decreasing 24.5'/y West

PROPERTY BOUNDARY

Historical veins

Road

**Zinc-in-rock (ppm)**

- ≥20,000 ≤72,400
- ≥10,000 <20,000
- ≥5,000 <10,000
- ≥2,000 <5,000
- >0 <2,000

**ATAC RESOURCES LTD.**

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# ZINC ROCK GEOCHEMISTRY

CONNAUGHT PROPERTY

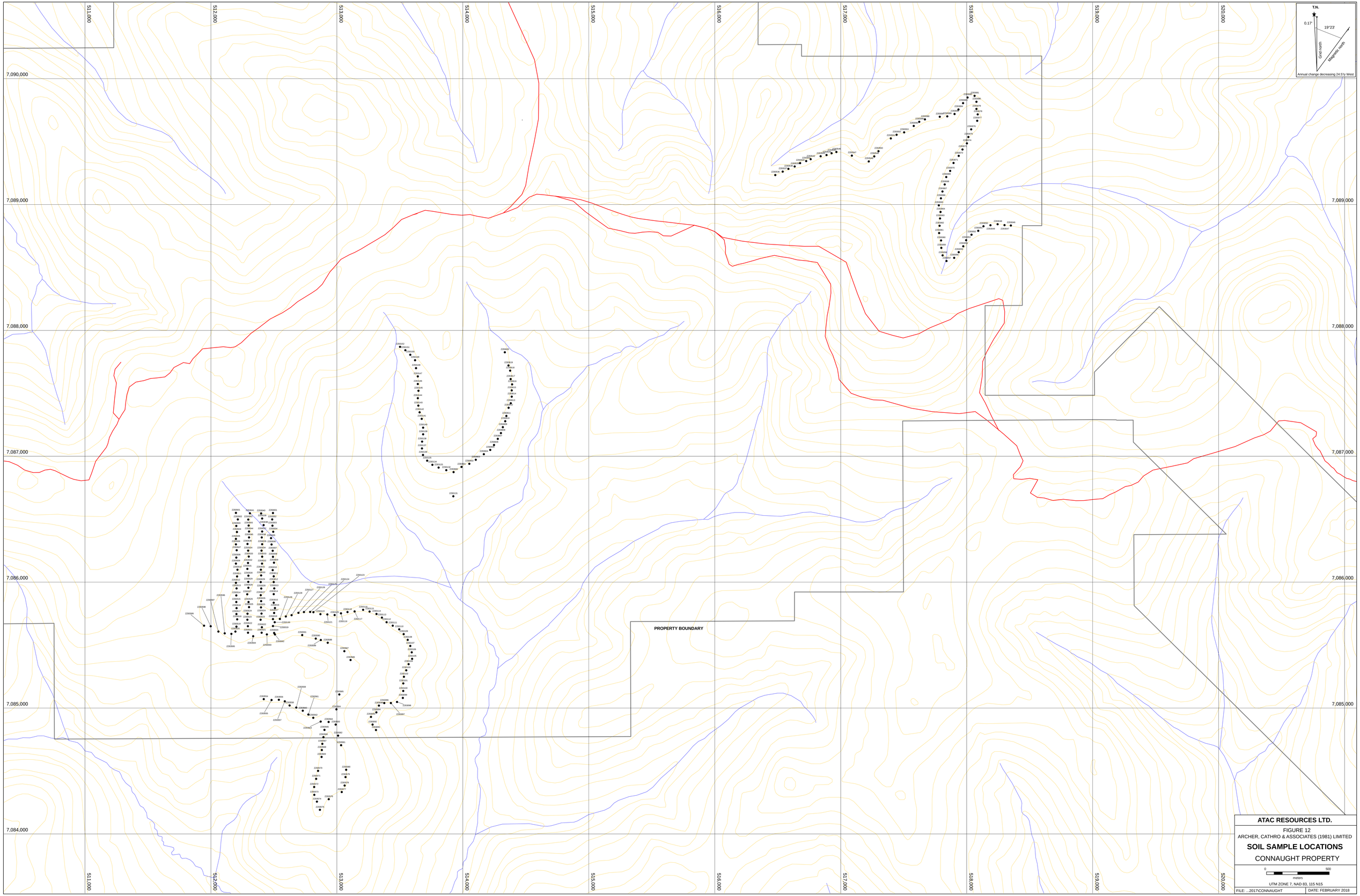
0 2

kilometers

UTM ZONE 7, NAD 83, 115 N15

FILE: ...2017\CONNAUGHT

DATE: FEBRUARY 2018




**ATAC RESOURCES LTD.**

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

## SOIL SAMPLE LOCATIONS

CONNAUGHT PROPERTY

0 500

meters

UTM ZONE 7, NAD 83, 115 N15

FILE: ...2017CONNAUGHT | DATE: FEBRUARY 2018

T.N.

0.17°

19°23'

Grid north

Magnetic north

Annual change decreasing 24.5'/y West

508,000

510,000

512,000

514,000

516,000

518,000

520,000

522,000

7,092,000

7,090,000

7,088,000

7,086,000

7,084,000

7,082,000

PROPERTY BOUNDARY

Road

Historical veins

**Gold-in-soil (ppb)**

| | | | |
|---|---|---|---|
| 100 | to | 200 | |
| 50 | to | 100 | |
| 20 | to | 50 | |
| 10 | to | 20 | |
| 5 | to | 10 | |
| 0 | to | 5 | |

**ATAC RESOURCES LTD.**

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# GOLD SOIL GEOCHEMISTRY

CONNAUGHT PROPERTY

0 1,000

meters

UTM ZONE 7, NAD 83, 115 N15

FILE: ...2017\CONNAUGHT

DATE: FEBRUARY 2018

508,000
510,000
512,000
514,000
516,000
518,000
520,000
522,000

7,092,000
7,090,000
7,088,000
7,086,000
7,084,000
7,082,000

T.N.
0.17°
19°23'
Grid north
Magnetic north
Annual change decreasing 24.5'/y West

PROPERTY BOUNDARY

Historical veins
Road

Silver-in-soil (ppm)
>5 <44.1
>2 <5
>1 <2
>0.5 <1
>0.2 <0.5
0 <0.2

0 1,000
meters

UTM ZONE 7, NAD 83, 115 N15

# ATAC RESOURCES LTD.

FIGURE 14
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

## SILVER SOIL GEOCHEMISTRY

CONNAUGHT PROPERTY

FILE: ...2017\CONNAUGHT
DATE: FEBRUARY 2018

T.N.

0.17°

19°23'

Grid north

Magnetic north

Annual change decreasing 24.5'/y West

508,000

510,000

512,000

514,000

516,000

518,000

520,000

522,000

7,092,000

7,090,000

7,088,000

7,086,000

7,084,000

7,082,000

PROPERTY BOUNDARY

Historical veins

Road

**Lead-in-soil (ppm)**

- ≥1,000 ≤8,390
- ≥500 <1,000
- ≥200 <500
- ≥100 <200
- ≥50 <100
- >0 <50

**ATAC RESOURCES LTD.**

FIGURE 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# LEAD SOIL GEOCHEMISTRY

CONNAUGHT PROPERTY

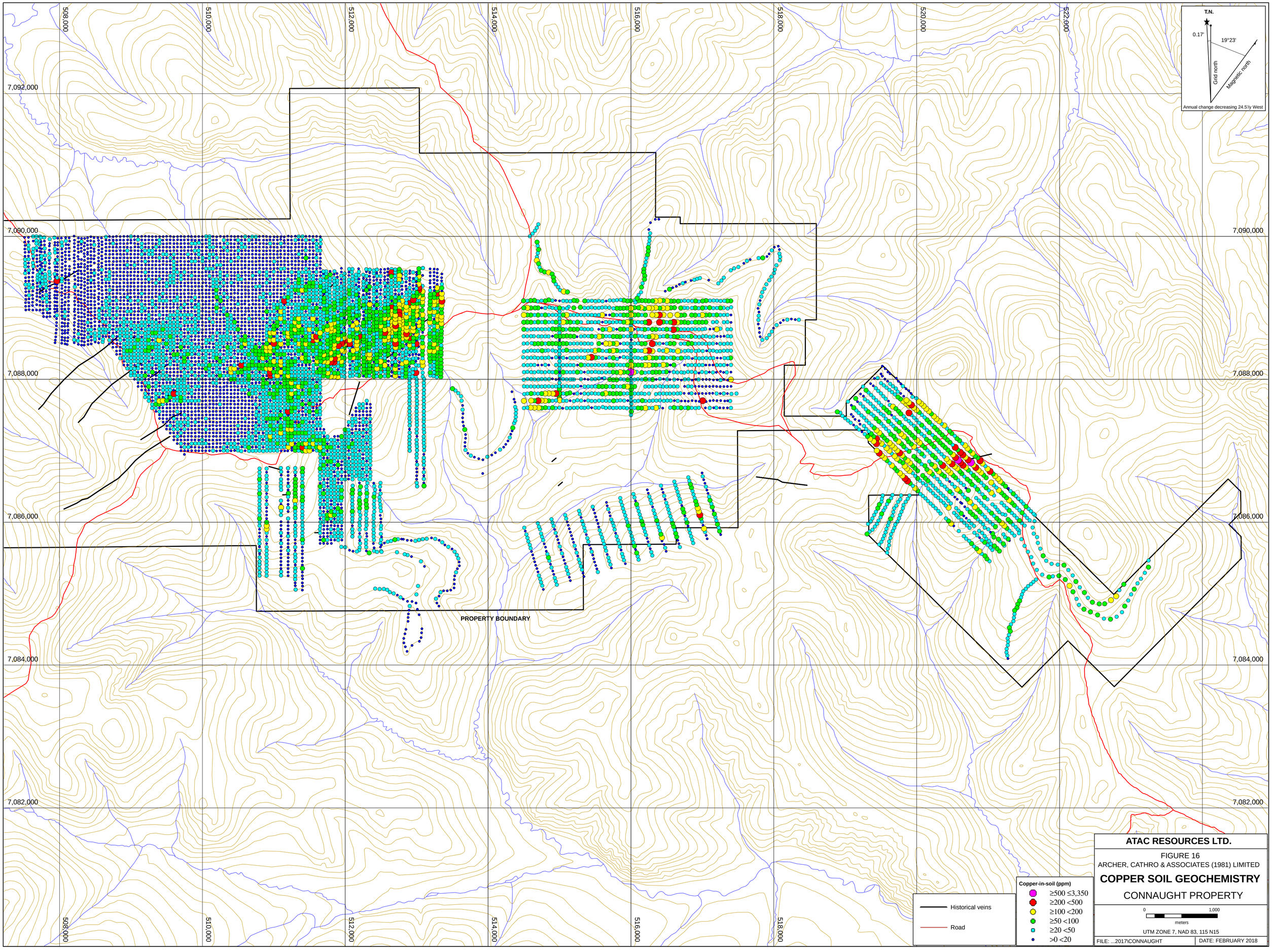
0 1,000

meters

UTM ZONE 7, NAD 83, 115 N15

FILE: ...2017\CONNAUGHT

DATE: FEBRUARY 2018




**ATAC RESOURCES LTD.**

FIGURE 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# COPPER SOIL GEOCHEMISTRY

CONNAUGHT PROPERTY

508,000
510,000
512,000
514,000
516,000
518,000
520,000
522,000

7,092,000
7,090,000
7,088,000
7,086,000
7,084,000
7,082,000

T.N.
0.17°
19°23'
Grid north
Magnetic north
Annual change decreasing 24.5'/y West

PROPERTY BOUNDARY

Historical veins
Road

Zinc-in-soil (ppm)
≥1,000 ≤2,770
≥500 <1,000
≥200 <500
≥100 <200
≥50 <100
>0 <50

0 1,000
meters

UTM ZONE 7, NAD 83, 115 N15

**ATAC RESOURCES LTD.**

FIGURE 17
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

## ZINC SOIL GEOCHEMISTRY

CONNAUGHT PROJECT

FILE: ...2017\CONNAUGHT | DATE: FEBRUARY 2018