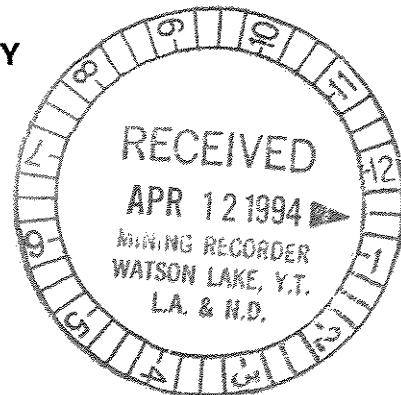


**ASSESSMENT REPORT ON THE 1993
GEOLOGICAL AND GEOCHEMICAL
INVESTIGATION OF THE ARGUS PROPERTY**

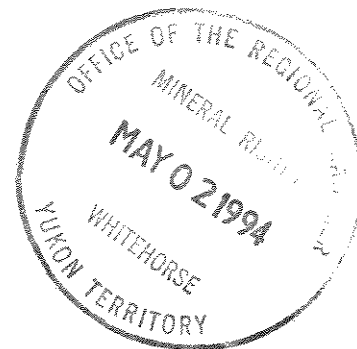
Argus 1-28 (YB35082-109)
Argus 31-37 (YB45845-851)
Argus 39-76 (YB45853-890)
Argus 79-81 (YB45893-895)
Argus 89-106 (YB45903-920)
Argus 107-108 (YB46289-290)



**WATSON LAKE MINING DISTRICT, YUKON TERRITORY
NTS MAPSHEET 105G/12**

Latitude: 61°33'N
Longitude: 131°33'W

Work Conducted: August 20 - Sept. 10, 1993



OWNER:

YGC Resources Ltd.
1016-510 West Hastings Street
Vancouver, B.C.
V6B 1L8

OPERATOR:

Kennecott Canada Inc.
354-200 Granville Street
Vancouver, B.C.
V6C 1S4

093194

SUMMARY

The Argus property is located in the Watson Lake Mining District of Yukon Territory. The property consists of 96 contiguous mineral claims owned 100% by YGC Resources Ltd. and formerly option by Kennecott Canada Inc. The property is accessible by helicopter from a base located 62km to the northwest in Ross River. Previous work consisted of geological mapping, soil geochemical surveys, bulldozer trenching and eight diamond drill holes totalling 762m. Work in 1993 focused on the A Zone.

The Argus property is a sedimentary-exhalative (sedex) lead-zinc-silver-barite exploration target. The property lies within the Nisutlin Allochthon, a sequence of clastic sedimentary, volcanic and igneous protoliths that represent a displaced volcanic arc. The allochthon is bounded by the Tintina Fault located five kilometres to the southwest of the property. Lithologies on the property consist of (Devonian) phyllitic quartzite, chloritic phyllite, limestone and muscovite phyllite.

Lead-zinc mineralization, exposed in trenches over the A Zone, consists of banded and disseminated crystalline sphalerite and lesser galena within foliated quartzite hosted by a limestone unit. Chip sampling over poorly exposed mineralization in Trench A8 returned up to 1,600 ppm lead, 4.33% zinc and 4.4 ppm silver over a true width of 0.5m. Chip sampling over a float block of mineralized phyllitic quartzite returned a weighted average of 1.8% lead, 3.98% zinc and 33.3 ppm silver over a true width of 3.5m. The limestone unit is underlain by a thicker more massive quartzite locally containing minor galena and sphalerite. This mineralization was intersected in 1973 diamond drill hole DDH-A1 and exposed in trenches over the B Zone.

Soil geochemistry in 1993 successfully detected known mineralization and confirmed previous lead-zinc soil anomalies. Glacial dispersion is in a northwest direction between 310° and 330°. The large zinc anomaly (> 500 ppm) over the A Zone is 200-300m wide by 700m long and projects 150m up-ice of known mineralization in Trench A8. Smaller, but untested, lead-zinc in soil anomalies are located up-ice of the B Zone, and in the western corner of the grid, located up-ice of Trench 78-5. Float in glacial till of Trench 78-5 returned up to 1110 ppm lead and 1.47% Zn.

An overburden sampling program carried out by a Nodwell mounted auger drill confirmed the occurrence of soil anomalies over the A and B Zones. Auger drill hole ADH-24, located up-ice of the B Zone, located mineralized quartzite. Other anomalous lead-zinc values (> 50 ppm lead and > 200 ppm zinc) returned from overburden drill holes south and southeast of exposed mineralization at the A Zone represents undiscovered mineralization located further to the southeast.

Based on these results, a program of geological mapping, geochemical sampling and overburden drilling is warranted.

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- Appendix B Rock Sample Descriptions

1.0 INTRODUCTION

This report summarizes geological and geochemical fieldwork carried out in 1993 and fulfils assessment requirements. The objective of the 1993 program was to evaluate the Argus property's potential to host massive sulphide deposit(s). Exploration work in 1993 focused on the A Zone.

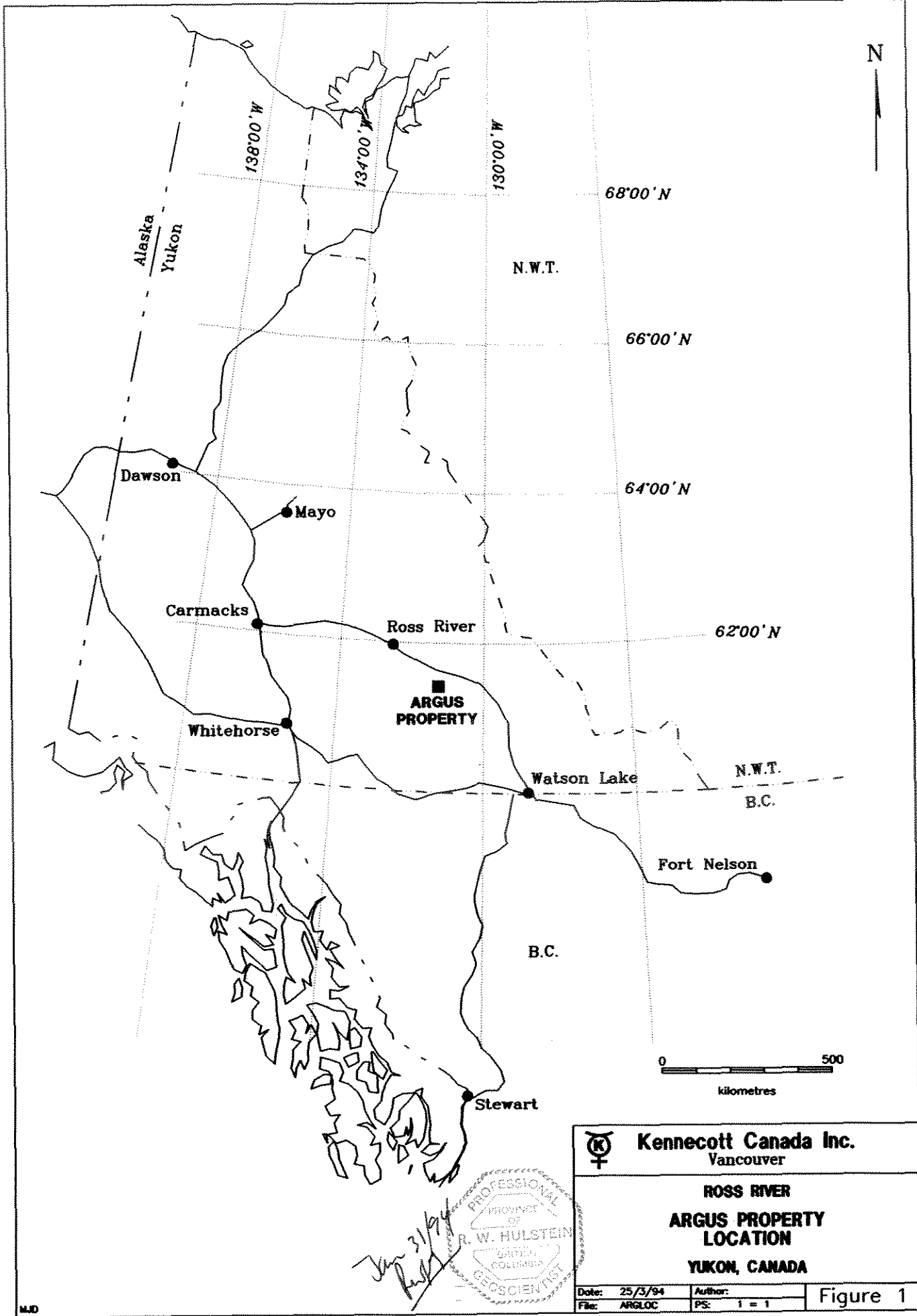
The first mineral claims were staked in 1993 to cover several small stratabound lead-zinc-silver showings discovered in 1972 by Archer, Cathro & Associates (1981) Limited on behalf of the South Yukon Joint Venture. Previous work consisted of geochemical and geological surveys followed by bulldozer trenching and diamond drilling (762m in eight holes). The property currently consists of 96 claims and is referred to as the "Argus property".

Fieldwork in 1993 consisted of geological mapping and geochemical sampling of old bulldozer trenches, aerial photography, line cutting, geochemical soil sampling and mechanized sampling of glacial till, over and up-ice, of known mineral occurrences. Aerial photography was flown over the property by Lamerton & Associates of Whitehorse, Yukon in late August, 1993. Overburden sampling was carried out by Don Pilsworth (10983 Yukon Ltd.), of Whitehorse, Yukon, utilizing an auger drill mounted on a Nodwell. Fieldwork was carried out by geologist K. Owerko and field assistants K. Carruthers, D. Munro, I. Gibson, N. Coopey and cook I. Severan of Archer, Cathro & Associates (1981) Limited; and geologists R. Hulstein and S. Bishop of Kennecott Canada Inc. The project was supervisor by R.C. Carne of Archer, Cathro & Associates (1981) Limited.

1.1 Location and Access

The Argus property is located approximately 62km southeast of Ross River, Yukon Territory (Figure 1). The property is located at 61° 33'N latitude and 131° 33'W longitude within NTS mapsheet 105G/12.

Access to the property in 1993 was by helicopter based out of Ross River. Ross River is a small town of about 400 people near the junction of the Robert Campbell Highway and the Canol Road. Ross River lies 360km by road from Whitehorse, Yukon which has daily jet service to southern Canada. A 25km winter road leaving the Robert Campbell Highway at Mink Creek, leading to the Argus property, was used by the Nodwell mounted auger drill in 1993. Normally this road is too soft and wet for wheeled vehicles (ATV's excepted) and bulldozers. A Honda ATV was used with great success for transportation throughout the property on the rough and overgrown bulldozer roads.



Alaska
Yukon

138°00' W

134°00' W

130°00' W

68°00' N

N.W.T.

66°00' N

64°00' N

Dawson

Mayo

Carmacks

Ross River

62°00' N

■
ARGUS
PROPERTY

Whitehorse

Watson Lake

N.W.T.
B.C.

Fort Nelson

B.C.

Stewart



	Kennecott Canada Inc. Vancouver	
	ROSS RIVER ARGUS PROPERTY LOCATION YUKON, CANADA	
Date: 25/3/94 File: ARGLOC	Author: PS: 1 = 1	Figure 1

Jan 31/94
 R. W. HULSTEIN
 PROFESSIONAL
 GEOLOGIST
 PROVINCE OF
 BRITISH COLUMBIA
 GEOSCIENTIST

An airstrip, constructed in 1973, is located between the Hoole River and the southwest side of the property. The airstrip is suitable for light fixed wing aircraft but access to the property is hampered by an intervening swamp.

1.2 Topography

The Argus property lies within the Pelly Mountains northeast of the St. Cyr Range. The region was glaciated during the Pleistocene forming a terrain of rounded hills and ridges and wide valleys. The northwest trending Tintina Trench underlain by the Tintina Fault lies less than 5km south of the property. Elevations on the property range between 1050 and 1457m.

Outcrop, less than 1% overall, is generally restricted to ridges. Scree and felsenmeer cover is restricted to the highest hills on the property. Thick glaciofluvial deposits cover the lower portions of the hillsides, generally below 1200-1250m elevation, especially in the vicinity of the Hoole River and the larger southwesterly flowing creeks. A thin veneer of glacial till covers the upper elevations on the property. Pebble orientation studies on till deposits yielded an average azimuth of 300° to 310°. This agrees with the regional azimuth of glacial bedforms measured by Jackson (1993).

Soils consist of glacial till, glaciofluvial deposits and organic-rich clay (black muck). Permafrost is prevalent throughout the property with the exception of areas previously cleared by bulldozer and well drained areas with minimal tree cover. Permafrost was encountered in both the soil sampling and overburden auger drilling programs.

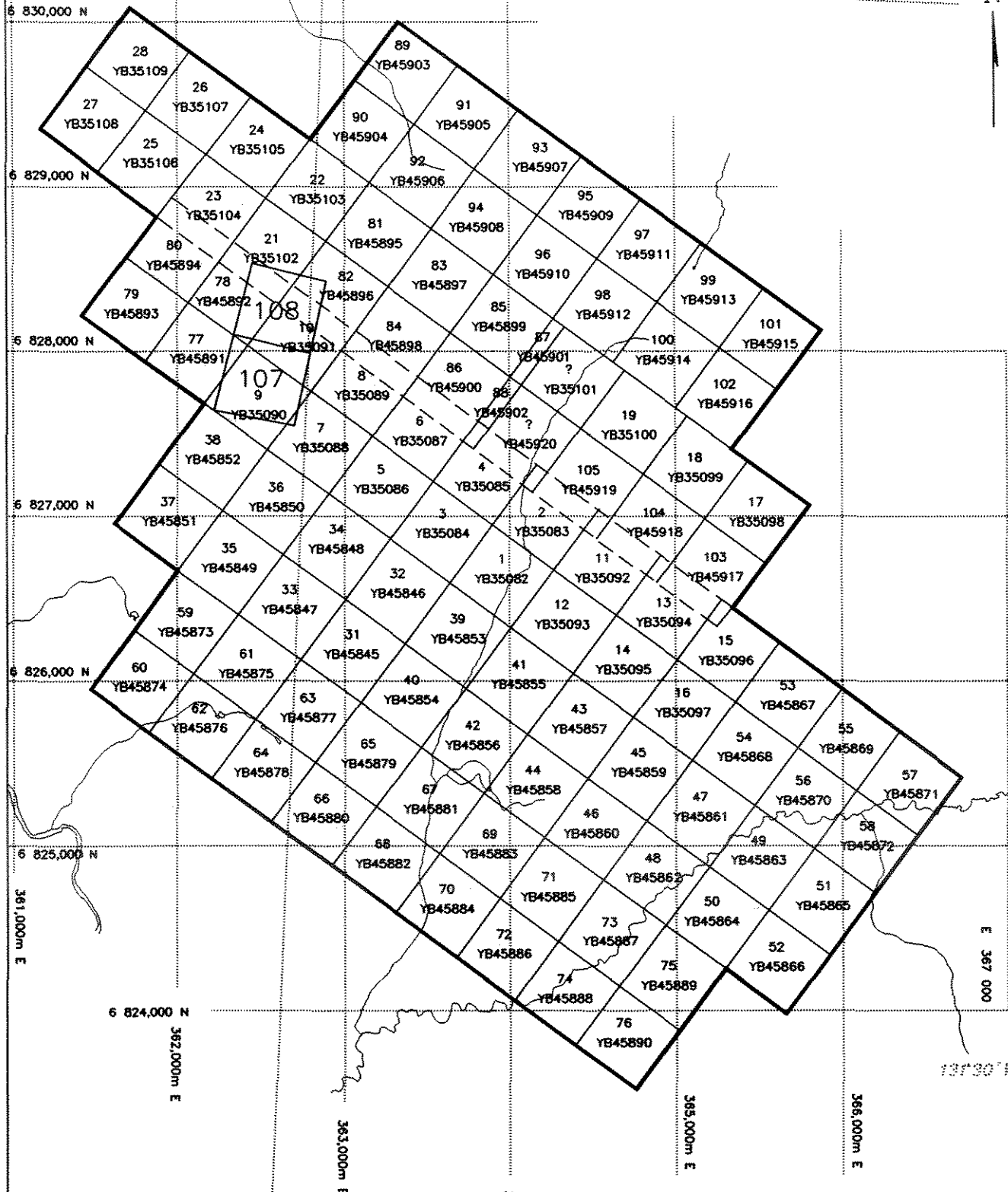
Vegetation in the valley consists of alder, white and black spruce. Poplar grows on well drained south facing slopes. Ground cover in areas of thin tree cover consists of alpine plants, 'buckbrush', dwarf willow and moss.

The climate of central Yukon is characterized by low precipitation and a wide temperature range. Winters are cold and temperatures of -30 to -40 degrees Celsius are common. The property is generally snow-free from sometime in June to middle September.

1.3 Property

The Argus property (Figure 2) consists of 96 two-post unsurveyed, contiguous mineral claims, staked under the Yukon Quartz Mining Act. The claims cover approximately 1944 hectares (4800 acres). Claim data are as follows:

67°25' N

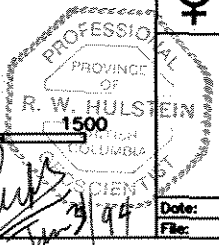


Kennecott Canada Inc.
Vancouver

**ROSS RIVER
ARGUS PROPERTY
CLAIM MAP
YUKON, CANADA**

Date: 25/3/94 Author: RWH
File: ROSARGCL PS: 1 = 35

Figure 2



scale 1:35,000



metres

137°40' W

137°30' W

B.M.

Table 1 - List of Claims

<u>Claim Name</u>	<u>Grant No.</u>	<u>Expiry Date*</u>
Argus 1-28	(YB35082-109)	March 18, 1998
Argus 31-37	(YB45845-851)	March 18, 1999
Argus 39-76	(YB45853-890)	March 18, 1999
Argus 79-81	(YB45893-895)	March 18, 1999
Argus 80-106	(YB45903-920)	March 18, 1999
Argus 107-108	(YB46289-290)	Sept. 18, 1994

* Subject to approval of 1993 assessment work filed with this report.

The claims are owned 100% by YGC Resources Ltd., and registered with the Watson Lake Mining Recorder to Archer, Cathro & Associates (1981) Limited, who act as agents for YGC Resources Ltd. Kennecott Canada Inc. had an option agreement with YGC Resources Ltd. to explore the property which was terminated in December of 1993.

1.4 History

The property was first staked in January 1966 as the Hoo claims by Northlake Mining Limited to cover possible sources of mineralized (lead-zinc) limestone float discovered by K.G. Sanders and J. Ryan of Newmont in 1955 (INAC, 1993). Northlake Mining Limited flew an airborne magnetic and electromagnetic survey, carried out grid soil sampling and ground electromagnetic surveys (Ronka and Turam). One electromagnetic anomaly located in the Tintina Trench, south of the Hoole River, was tested by four diamond drill holes (486m) with negative results.

The property was restaked in 1972 as the HoHo claims by South Yukon Joint Venture (Straus Exploration limited, Marietta Resources International Limited, Union Oil Co. of Canada Limited, Chevron Oil Company) (INAC, 1993). Archer, Cathro managed and carried out the exploration program on behalf of South Yukon Joint Venture. They explored the property with grid soil sampling and mapping in 1972 and bulldozer trenching and eight diamond drill holes (762m) in 1973. An airstrip and tote road to the property were also constructed in 1973. The above work located several zones of mineralized (lead-zinc) limestone and quartzite in glacial till and four occurrences of mineralized outcrop in bulldozer trenches. Float samples returned grades averaging in the order of 7% zinc, 0.4% lead and 0.4 opt silver. The best assay from trenching returned 3.5% zinc over 3.65m while the best drill intersection returned 3.0% zinc and 0.2% lead over 3.96m from DDH-E1 (INAC, 1993). Following the 1973 program all participants except Chevron withdrew from the South Yukon Joint Venture.

The next significant exploration program was carried out in 1978 when a bulldozer trenching program managed by Archer, Cathro, tested suspected sources of mineralized float (Archer, 1979). The program was hampered by permafrost and the results were inconclusive. Following this the remaining HoHo claims were allowed to lapse.

A prospector staked the Sarah claims over the D Zone in 1986 and sampled the existing bulldozer trenches in 1988 (INAC, 1993). These claims expired in 1993 and were restaked as the Argus 107-108 claims. Prior to this, starting in August 1992, the remainder of the present property had been restaked as the Argus claims.

Kennecott Canada Inc. optioned the property from YGC Resources Ltd. in Dec. 1992. Archer, Cathro managed the 1993 program, described herein, of geological mapping and geochemical sampling of old bulldozer trenches, aerial photography, line cutting, geochemical soil sampling and mechanized overburden sampling over and up-ice of known mineral occurrences.

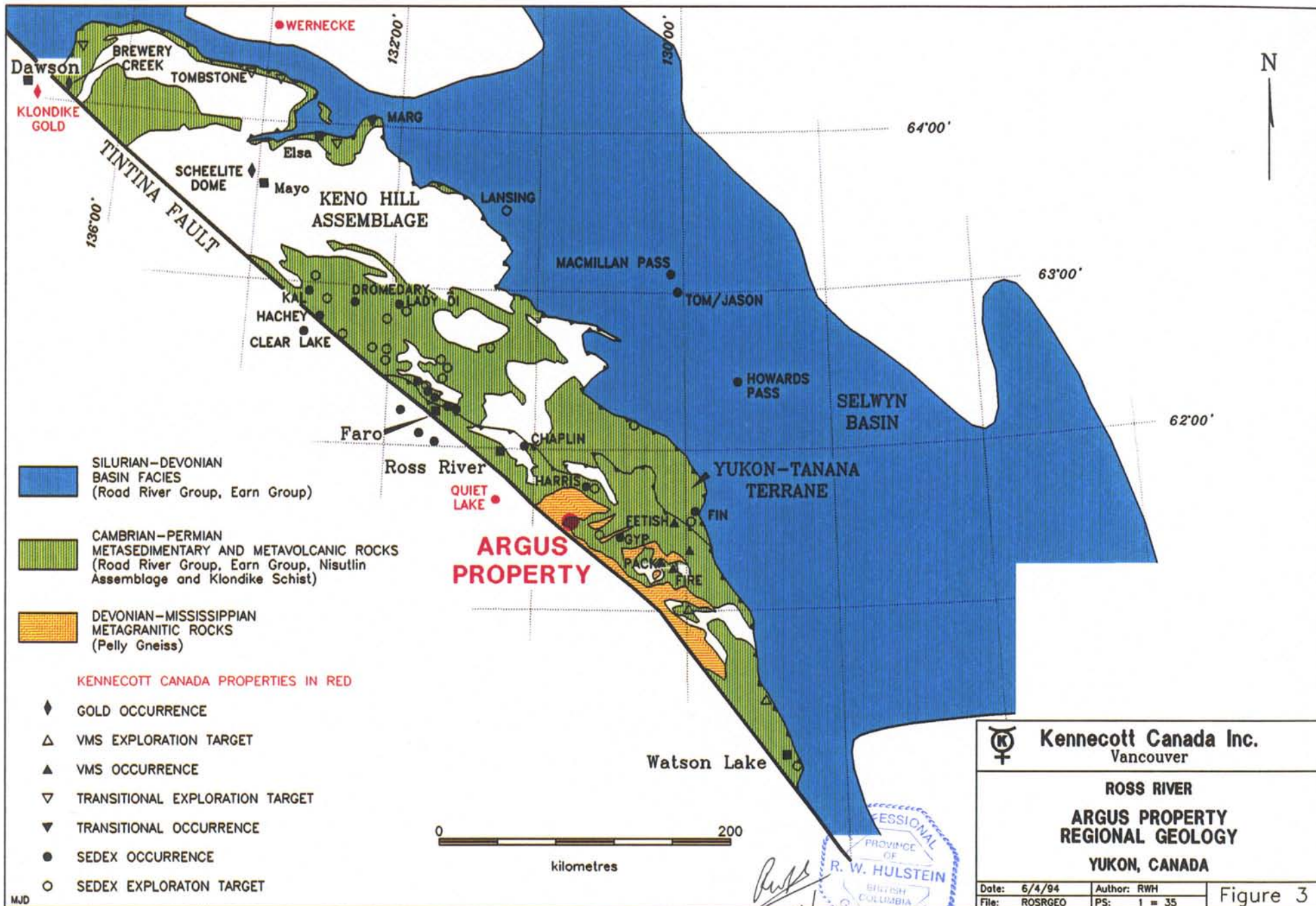
2.0 GEOLOGY

2.1 Regional Geology

The property lies within the Ominica Belt. The property is located on the northwestern edge of the Nisutlin Allochthon (Figure 3), part of the Yukon-Tanana Terrane. The Yukon-Tanana Terrane is composed of an allochthonous sequence of clastic sedimentary, volcanic and igneous protoliths that represent a displaced volcanic arc. The Selwyn Basin consists of thrust stacked parautochthonous rocks of the North America miogeocline.

The Nisutlin allochthon is bounded on the southwest by the Tintina Fault, a major fault with over 450km of dextral transcurrent movement (Tempelman-Kluit, 1981). The allochthon is underlain by a thrust fault placing it over Selwyn Basin clastics deposited on the continental shelf of ancestral North America. The structural trend of the region southwest of the Tintina Fault is parallel to the fault. North of the fault northeasterly directed thrust faulting predominates. Regional geology has been mapped and compiled at 1:250,000 scale by Tempelman-Kluit (1977).

Lithologies of the Nisutlin Allochthon range in age from Upper Proterozoic to Triassic (Wheeler and McFeely, 1991). Near the property the oldest rocks are Windermere (?) biotite-muscovite-quartz-feldspar augen gneiss of quartz




 Kennecott Canada Inc. Vancouver	
ROSS RIVER ARGUS PROPERTY REGIONAL GEOLOGY YUKON, CANADA	
Date: 6/4/94	Author: RWH
File: ROSRGeo	PS: 1 = 35

Figure 3

monzonite composition with minor interfoliated biotite-muscovite-quartz schist (Tempelman-Kluit, 1977). These lithologies are found on both sides of the Hoole river and on the northwest property boundary.

The above lithologies are overlain by rocks of presumed Devonian age (Carne, 1992) which comprise the bulk of the Nisutlin Allochthon. Tempelman-Kluit (1977) has divided this package into three 'groups'. The lowermost 'group' (PPk4) consists of muscovite-biotite-quartz-feldspathic gneiss with interfoliated chlorite-biotite quartzite, quartz-chlorite schist, amphibole-chlorite schist and minor white marble.

The middle 'group' (PPk3), possibly Klondike Schist and mapped as underlying the Argus property, consists of pale green, muscovite-chlorite-quartz phyllite and medium green, amphibole-chlorite phyllite. These units include minor black marble, generally strongly sheared with a well developed, slightly recrystallized, cataclastic texture.

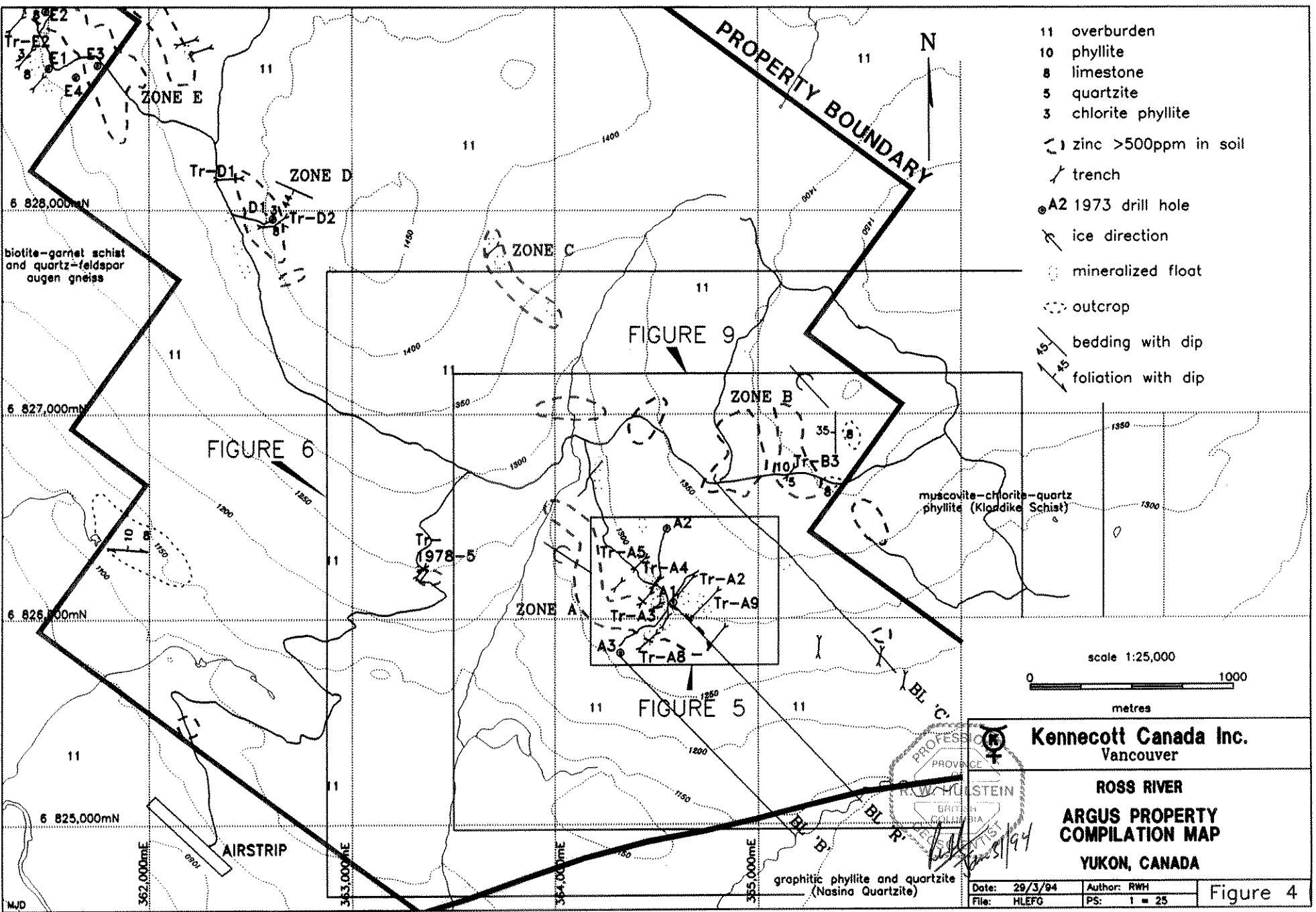
The upper 'group' (PPk2), possible Nasina Series rocks, mapped to the south of the Argus property, consists of black siliceous phyllite and medium green amphibole-chlorite phyllite. Generally the rocks are strongly sheared phyllonite. Locally these lithologies include interbedded gritty and pebbly greywacke containing clasts of distinctive blue quartz, white potassium feldspar, chips of slate and minor marble lenses.

Trench mapping on the Argus property located exposures of light tan, gritty, micaceous quartzite-phyllite with distinctive blue quartz clasts. The presence of these distinctive blue quartz clasts in the phyllitic quartzite places this unit within Tempelman-Kluit's (1977) unit PPk2. This is contrary to his geology map which places the property as being underlain by unit PPk3.

Approximately 15km east and 25km southeast of the property lie plutons of Cretaceous quartz monzonite. Carboniferous and Permian (and possibly older) mafic, ultramafic and associated submarine clastic rocks of the Anvil Campbell Allochthon are found as a klippe on the ridge 5km to the southwest. Boulders of these mafic, ultramafic and granitoid rocks, were noted throughout the property in glacial till.

2.2 Property Geology

Property geology is shown on the compilation map (Figure 4). Archer (1973) divided the property geology into 11 units (Table 2) and this system of unit division was used during the 1993 field work. Geological mapping in 1993 was



- 11 overburden
- 10 phyllite
- 8 limestone
- 5 quartzite
- 3 chlorite phyllite
- zinc >500ppm in soil
- ↖ trench
- ⊙ A2 1973 drill hole
- ↖ ice direction
- mineralized float
- outcrop
- ↖ bedding with dip
- ↖ foliation with dip

biotite-garnet schist
and quartz-feldspar
augen gneiss

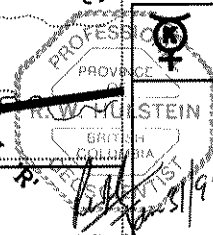
muscovite-chlorite-quartz
phyllite (Kladdike Schist)

graphitic phyllite and quartzite
(Nasina Quartzite)

Kennecott Canada Inc.
Vancouver

ROSS RIVER
ARGUS PROPERTY
COMPILATION MAP
YUKON, CANADA

Date: 29/3/94 Author: RWH
File: HLEFG PS: 1 = 25 Figure 4



MJD

Table 2 - Argus Property Lithologies (After; Archer, 1973)

Quaternary

11

Overburden; glacial till and soil

Paleozoic (Devonian)

10

Phyllite; shaly, carbonaceous, laminated, carbonaceous

9

Phyllite; noncarbonaceous

8

Limestone; dark-medium grey, laminated - thick bedded, pyritic

7

Dolomite; green, chloritic

6

"A" Zone: mineralized quartzite; interlaminated quartzite and shaly carbonaceous material, calcareous, banded sphalerite, galena with recrystallized carbonate, disseminated pyrite

5

Quartzite; light grey, clean, locally minor sphalerite and galena

4

Phyllitic quartzite; interlaminated quartzite and contains distinctive light blue quartz clasts

3

Carbonate, chlorite phyllite; minor magnetite and hematite, less than 25% quartz

2

Chlorite wacke; occasional beds of clear quartzite

1

Calcareous phyllitic quartz grit; partings of sericite and chlorite

focused primarily on the A and B Zones. As noted by previous workers, geological mapping is severely hampered by lack of outcrop. In addition, mapping of trenches in some cases identified large 'rafts' or angular boulders underlain by glacial till that were previously mapped as outcrop (Archer, 1973).

Possible Windermere equivalent rocks, found on the northern property boundary, according to Tempelman-Kluit (1977) and Archer (1977), were not examined in 1993. Likewise, Tertiary felsic volcanics, exposed on the property less than a kilometre north of the Upper E Zone were not examined.

Presumed Devonian age phyllitic quartzite is the predominant lithology on the property, followed in order of abundance by chloritic phyllite, limestone and muscovite phyllite. Limy sections of phyllitic quartzite and chloritic phyllite have been identified separately in trench mapping and core logging (Archer, 1973). The depositional environment seems to have been a warm, shallow seawater environment distal to intermediate volcanism. Much of the chloritic phyllite is tuffaceous and locally contains specks of mariposite alteration.

A large outcrop of limestone forms a prominent hill (1449m elevation) approximately 200m north of Trench B1, on the access road. The limestone is light to dark grey and varies from massive to poorly laminated. The outcrop appears to be highly deformed. Glaciation has sculpted the hill into a 'rouche montane' trending northwesterly. Abundant float of similar limestone was noted on the road to the Hoole River airstrip approximately 700m southwest of Trench 78-5.

2.3 Structure

Generally, lithologies on the property trend northwest, parallel to the regional trend and the Tintina Fault. Definite bedding structures are rare. Foliation is assumed to be parallel to bedding as observed by lithological contacts exposed in trenches. The foliation attitude is variable but generally dips shallowly to the south. Nearly horizontal isoclinal folding is suspected based on known foliation, bedding and minor folds observed in a metre sized boulder of interbedded quartzite and limestone found in Trench-A5.

A steeply dipping normal fault lies under Northlake Creek and divides possible Nasina Series rocks to the south from possible Klondike Schist found north of the fault. Sanders Creek follows a prominent northeast trending lineament and is assumed to be underlain by a sizable fault.

Numerous smaller faults are suspected on the property due to its proximity to the Tintina Fault. One such fault was observed in Trench E2 juxtaposing limestone and carbonate chlorite phyllite. Numerous gently dipping fault zones, parallel to the foliation, were intersected in the 1973 diamond drilling program (Archer, 1973).

3.0 MINERALIZATION

3.1 Regional Setting

Sedex mineralization in the Dawson City, Yukon area has recently been explored by Archer, Cathro & Associates (1981) Limited and Kennecott Canada Inc. This work led to the realization that potential existed for sedex deposits in similar rocks of the Nisutlin allochthon near Ross River (Carne, 1992). To date at least seven stratiform base metal occurrences, of which the Argus property is one, have been found in this package of rocks in the Hoole River-North Lakes area. These deposits are hosted by graphitic, sericitic and/or chloritic phyllites and schists, a relatively restricted Upper Devonian stratigraphic assemblage within the thrust fault-bounded Nisutlin Allochthon (Carne, 1992).

3.2 Property Mineralization

The Argus property is a sedimentary-exhalative (sedex) massive sulphide lead-zinc-silver exploration target. Exploration work in 1972 led to the discovery of two significant lead-zinc-silver occurrences, the A and E Zones, two smaller occurrences, the B and D Zones, and mineralized float occurrences in glacial till including the C Zone.

Mineralization has been remobilized, possibly during the Cretaceous-Tertiary. Mineralization is hosted within or near limestone (map unit 6). Limestone occurs as lenses within phyllites and probably makes up less than 10% of the stratigraphic section (Archer, 1973). As the most erosionally resistant member of the stratigraphic sequence and forms most of the outcrop. The most significant mineralization is in thinly banded grey quartzite horizons hosted by limestone at the A Zone. The light grey to brown, banded quartzite is fine to medium grained (saccharoidal) and contains minor remobilized white granular quartz as thin bands and quartz sweats. The quartzite commonly has a prominent foliation defined by graphitic and micaceous partings.

Mineralization consists of predominantly granular (0.5mm size) brown sphalerite with minor galena and traces of pyrite and pyrrhotite. Sphalerite and other sulphides are commonly found in thin bands (2.0mm to 10mm thick) and as disseminations parallel to foliation within grey quartzite. Minor disseminated mineralization and silicification occurs within limestone adjacent mineralized quartzite. Minor disseminated mineralization was also observed in a light tan to white quartzite (map unit 5) at the B Zone.

Vein-type mineralization of disseminated sphalerite, galena and minor pyrite in quartz-carbonate veins occurs in limestone, and to a lesser extent grey quartzite. Sphalerite has also been observed as replacement and breccia fillings in limestone breccia float at the D Zone.

3.2.1 A Zone

The A Zone (Figure 5) was explored in 1993 by geological mapping of the existing bulldozer trenches, rock geochemistry, soil and overburden sampling (described below). Previous work consisted of three diamond drill holes and bulldozer trenching. The bulldozer trenching, completed to follow up soil geochemistry anomalies and a mineralized boulder train, exposed outcrops of mineralized quartzite in Trench A1 and Upper Trench A8.

Trench A3 exposed mineralized phyllitic quartzite (map unit 4) which was determined to be a large displaced block resting on glacial till. This block is interpreted to have moved only a short distance, probably less than 50m. Chip sampling over this phyllitic quartzite block returned a weighted average of 1.8% lead, 3.98% zinc and 33.3 ppm silver over a true width of 3.5m.

The mineralized float train and soil geochemical anomaly can be traced to Trenches A1 and Upper Trench A8. Mineralized quartzite, intersected in 1973 DDH-A1 from 11.95m to 13.04m, returned 4.44% zinc and 0.06% lead over 1.09m. This can be correlated with the exposed mineralization in Trenches A1 and Upper Trench A8. A chip sample (#S7220) of poorly exposed mineralized quartzite returned 1,600 ppm lead, 4.33% zinc and 4.4 ppm silver over a 0.5m width from Upper Trench A8. Grab samples of float from the same trench returned up to 772 ppm lead, 11.60% zinc and 4.4 ppm silver. A chip sample (#S7214) from outcrop, or slightly displaced outcrop, in Trench A1 returned up to 150 ppm lead, 6.26% zinc and 3.0 ppm silver over a 0.4m true width.

The mineralized horizon, exposed in Trench A1 and Upper Trench A8 and intersected in DDH-A1, is interpreted to be lenticular, stratiform and relatively thin. The width of mineralization varies, but appears to be less than two metres.

The mineralized float train, trending approximately 330° and originating in the vicinity of Trench A1 and Upper Trench A8, extends to at least the C Zone, a distance of two kilometres. Mineralized quartzite float is often higher grade and harder than mineralization observed Trench A1 and Upper Trench A8. High grade float mineralization is otherwise very similar in form to outcropping mineralization exposed in trenches. Samples of mineralized quartzite float, sampled in 1993, returned up to 2.91% lead, 26.90% zinc and 53 ppm silver. The average grade of 23 samples of mineralized quartzite float returned 0.53% lead, 8.67% zinc and 21.4 ppm silver.

Approximately one kilometre west of the A Zone, on the road to the airstrip, mineralized quartzite float occurs in Trench 78-5 (Archer, 1979). Six 1993 rock float samples of limonite weathered carbonate, phyllitic quartzite and quartz-sericite phyllite returned up to 1110 ppm lead, 1.47% zinc and 3.8 ppm silver. Sphalerite and galena were observed within thin quartz veinlets although most anomalous base metal values could not be attributed to visible mineralization. Glacial till is in excess of three metres thick and bedrock is not exposed in this area. Thin, gossanous-limonitic horizons within the till are host to at least some of the weakly mineralized quartzite and phyllite clasts.

3.2.2 B Zone

The B Zone trenches, located approximately 500m northeast of the A Zone, were remapped and sampled in 1993. The B Zone was initially identified by soil sampling and further explored by bulldozer trenching (Archer, 1973). Only Trench B-3, and the access road east of the trench, exposed bedrock. At the south end of Trench B-3, bedrock geology consists of tan weathering, grey to brown massive quartzite which grades into quartz-sericite phyllitic schist on the north end. The phyllitic schist is in fault contact (?) with a black to limonitic weathering/fissile/carbonaceous phyllite. Also found at the north end of Trench B-3 are angular blocks, possibly subcrop, of clean white quartzite, locally rusty weathering, vuggy and coated by hydrozincite. Both float and bedrock quartzite contain sporadic concentrations of fine grained disseminated galena and galena in quartz veinlets. A grab sample (#T31802) of quartzite float returned 6600 ppm lead, 4180 ppm zinc and 7.8 ppm silver. A grab sample (#T31801) of bedrock quartzite from the south end of trench B-3 returned 2100 ppm lead, 9010 ppm zinc and 2.2 ppm silver. A Sample of the black, carbonaceous phyllite returned 50 ppm lead, 708 ppm zinc and 0.4 ppm silver. Dark, massive barite reported by Archer (1973) as outcropping on the access road near Trench B-3 was not located in 1993.

The weakly mineralized massive quartzite is overlain by limestone, as evidenced by an exposure on the access road. This sequence is similar to the mineralized intersection reported from DDH-A1 where limestone, hosting mineralized quartzite, overlies a thicker quartzite unit. In DDH-A1 a 5.70m section of lower quartzite unit returned trace lead and 1.16% zinc (Archer, 1973).

Auger drill hole ADH-24, located on baseline C approximately 500m up-ice of Trench B-3, intersected quartzite float containing disseminations and veinlets of galena and sphalerite. A selected sample (#T31810) of this mineralized quartzite returned 290 ppm lead, 2370 ppm zinc and 0.8 ppm silver.

3.2.3 D Zone

The D Zone (Figure 4) was initially identified by a soil geochemistry survey and further explored by bulldozer trenching and one diamond drill hole (Archer, 1973). The area of trenching was briefly examined in 1993. Overall the strike and dip of units in the trenches trend 115° and dip moderately to the southwest.

Boulders of mineralized limestone-marble were observed in the thin glacial till of Trench D-2. Mineralization, consisting of 5-15% sphalerite, <2% galena and minor limonite, is commonly found crudely banded parallel to bedding, as disseminations and blebs, calcite vein filling and/or as thin sulphide veinlets. This mineralization type has not been observed in outcrop.

Outcrop in the east end of Trench D-2 consists of 18m of medium grey limestone-marble (map unit 8) and approximately 30m of brecciated and carbonate stockworked limestone breccia in contact with grey micaceous chlorite phyllite (map unit 3). The limestone-marble hosts sporadic sphalerite mineralization. The limestone breccia is brown weathering, cut by 1-5 cm wide quartz carbonate veining-stockwork comprising 30-50% of the outcrop and contains trace to minor amounts of sphalerite. Drill hole DDH-D1, collared between the limestone-marble and limestone breccia, intersected barren phyllites.

The brecciation of the weakly mineralized limestone breccia appears to be a late stage brittle deformation feature, possibly related to the Cretaceous-Tertiary tectonic event.

3.2.4 E Zone

Trench E-1 is underlain by brown weathering, limonitic, grey limestone, crackle brecciated and crosscut by calcite veinlets. With the exception of 0.5% pyrite, no sulphides were observed. Drill hole DDH-E1, collared at the northeast end of Trench E-1, is weakly mineralized with sphalerite and minor pyrite throughout its 104.24m length except for a few short sections (Archer, 1973). The hole intersected interbedded limestone and quartzite and ended in phyllitic quartzite. Spotty mineralization, hosted in limestone and quartzite beds returned a 3.96m section grading 3.87% zinc and 0.18% lead. Sphalerite is found as disseminated grains and thin discontinuous lenses or veinlets parallel to the foliation.

Trench E-2, located approximately 45m northwest of DDH-E1, exposed mineralized grey limestone (map unit 8) in fault contact with green

carbonate chlorite phyllite. Archer (1973) reported a chip sample returning 4.92% zinc and 0.14% lead from this trench. Much of the mineralization in silicified limestone appears to be of replacement type veining and breccia filling related to the fault, although laminated sphalerite was also observed.

4.0 GEOCHEMISTRY

A total of 979 soil samples (551 collected by hand auger and 428 by mechanized auger), 11 silt samples and 60 rock samples were collected and analyzed for lead, zinc, silver, barite and additional elements. All soil samples, including samples collected by the auger drill, were digested by aqua-regia and analyzed for 32 elements by the ICP-ES method. Rock samples were digested by mixed hydrofluoric-nitric-perchloric acid to dissolve any barite present and analyzed for an additional 23 elements by ICP-ES. Chemex Labs, Ltd. of Vancouver completed all the analytical work.

Sample locations and analytical results for lead and zinc are shown on Figures 5 through 11. Analytical reports are presented in Appendix A and rock sample descriptions in Appendix B.

4.1 Rock Samples

Significant rock samples have been described above under "mineralization". The highest barite value returned was 3480 ppm from float of dark grey carbonaceous phyllite (sample #S7203) collected from Trench B-3). Cadmium (up to 551 ppm) and zinc values (up to 26.9%) are coincidentally anomalous. Coincident anomalies were generally noted between silver and lead. The ratio of lead to zinc in samples of mineralized quartzite collected from the A Zone float train is 1:16. Weakly mineralized individual samples frequently have a greater percentage of lead over zinc.

4.2 Soil Samples

The 1993 hand auger soil sample grid was centered over the A Zone (Figure 6). Samples were collected on a 50m by 100m grid pattern. Lines were flagged with orange surveyors tape and sample sites marked with blue surveyors tape and/or pickets with aluminium tags. Samples were collected below the organic and ash horizons, generally at a depth of 0.5m. Permafrost and excessive thicknesses of organics locally hindered, and sometimes prevented, sample collection. The sampling medium consisted primarily of clay rich till or sandy glacial till.

Anomaly thresholds for lead and zinc were adopted from Archer (1973) and are shown below.

Table 3 - Anomaly Threshold Values

<u>Element</u>	<u>Background</u>	<u>Weakly Anomalous</u>	<u>Anomalous</u>	<u>Highly Anomalous</u>
Lead (ppm)	< 34	35-49	50-150	> 150
Zinc (ppm)	< 149	150-199	200-499	> 500

The historic zinc soil anomaly (> 500 ppm) over the A Zone was confirmed over a 200-300m by 700m area (Figure 8). The anomaly is cutoff 200m up-ice, southeast of Upper Trench A8 and between Trench A9 and Trench A1. As the grid is located up-ice of the B Zone, zinc soil anomalies that are open to the northwest on the north side of the grid, probably represent the B Zone. A small (50m by 150m), strong zinc soil anomaly (up to 964 ppm) is located further to the southeast and up-ice of the B Zone, at 35 + 00W on baseline 'C'. An open zinc in soil anomaly, approximately 150 by 150m in size, is located on the extreme east end of the soil grid.

A 150m by 200m zinc soil anomaly (up to 634 ppm) open to the southwest, is located in the west corner of the soil grid, approximately 150m up-ice of Trench 78-5.

All the above zinc in soil anomalies described above were reported by Archer (1973 and 1979). These anomalies have been relocated and more accurately defined by The 1993 hand auger soil sampling succeeded in relocating and defining, with greater accuracy, the zinc soil anomalies reported by Archer in 1973 and 1979. Anomalous lead in soil anomalies, shown on Figure 7, generally follow those of zinc.

4.3 Overburden Drilling Program

An overburden sampling program was carried out by Don Pilsworth (10983 Yukon Ltd.) utilizing a Nodwell ('1 ton model') mounted gas powered, auger drill between August 24 and September 5, 1993. Overburden sampling was carried out over, and up-ice of, the A and B Zones (Figure 9). A total of 489m of drilling in 108 auger drill holes, averaging 4.52m each, were completed in 11 days, excluding mobilization time (average of approximately 10 holes, totalling 44.45m per day). The deepest drill holes penetrated a depth of 10.5m (ADH-35 and ADH-83). Auger drill holes were collared every 50m, on lines spaced at a minimum of 150m apart on a grid over the A Zone. The program ended on September 4 when the drive chain to the drill head broke.

In 1974 Gleeson (1974) examined the A Zone and its associated lead and zinc in soil geochemistry anomalies. Sectional sampling of glacial till in Trenches A1, A5 and A8 by Gleeson (1974) revealed the presence of an upper till and a lower basal (lodgement) till. As observed in 1993, the basal till is angular, unsorted and of local origin. In mineralized areas there is a marked increase in lead-zinc values from surface and upper tills into the basal till. Metal values are uniform throughout all size ranges thus indicating that most lead-zinc in tills occurs as discrete particles (Gleeson, 1974). Gleeson (1974) concluded that because of the variability of the surface material sampled and the depth of the overburden, the evaluation of soil anomalies could not be made solely on the basis of the magnitude of the values obtained. Rather, the soil geochemistry anomalies outline areas of possible economic significance which must then be evaluated by systematic sampling at depth (ie. overburden drilling).

4.3.1 Auger Drill Methodology

After the drill was set up over the site, drilling would advance by 1.5m increments, the length of an auger rod. The rods would normally be pulled after each 1.5m 'run' except when drilling in areas of deep till. When the bottom auger was pulled from the hole the contaminated material (from retrieving the rod) around the circumference of the rod would be cleaned off and a picture taken of the 'run' along with a caption of the hole number and footage. A 'channel' soil sample would be collected by trowel from the soil compacted on the auger 'flights'. If there was a marked change in soil color, pebble size, pebble lithology, or type, clay content, etc., separate samples were collected to represent each type. The drill would frequently penetrate to the depth of bedrock. The drill ground bedrock powder which was sampled in the same manner as overburden. All samples were treated and analyzed as soil samples: dried, sieved to -80 mesh, subsample analyzed by the ICP-ES method for 32 elements.

Each sample and auger drill hole was logged. Aside from the location, depth and sample numbers, the clast lithologies, percentages, size and roundness were recorded. The finer grained matrix was similarly recorded. The contamination of each 'run' was estimated based on the degree of 'churning', caused by hard ground, and the distance, if any, the sample had travelled up the auger flights.

4.3.2 Overburden Drill Results

Highly anomalous lead values (> 150 ppm) reflect mineralization mapped and sampled in Trenches A8, A1 and B3 (Figure 10). Highly anomalous zinc values (> 500 ppm) show a positive correlation with anomalous lead values while the reverse is not always true, especially in areas down-ice

of known mineralization (ie. ADH-30 to ADH-45) (Figure 11). The highest lead-zinc values (3110 ppm lead, 9100 ppm zinc) were returned from the auger drill holes located immediately down-ice of Trench A8 (ADH-79 to ADH-82).

A new occurrence of mineralized phyllitic quartzite in till was noted from the anomalous drill hole ADH-24 located over the soil geochemistry anomaly at 35 + 00W on baseline 'C'. Both ADH-24 and adjacent hole ADH-26 returned anomalous to highly anomalous lead-zinc values from almost all samples. As the samples at the bottom of the holes were anomalous, a case similar to the holes drilled near Trench A8, bedrock mineralization is assumed to be nearby.

Significant lead-zinc anomalies were returned from holes up-ice of Trenches A8 and A1 on lines 38 + 50W, 37 + 00W and baseline 'B'. There is no known mineralization located in this area. Lead and zinc values as high as 424 ppm and 1620 ppm respectively were returned from the bottom of hole ADH-100 on line 37 + 00W. Lithologies noted in the bottom of the hole include carbonaceous phyllite and quartzite. Auger drill holes on baseline 'B' tested frozen glacial till and glaciofluvial till. Highly anomalous lead-zinc values were returned from the middle sections of ADH-86,87 and ADH-88, located approximately downhill from Lower Trench A8. Anomalous values are restricted to a till horizon containing subangular clasts of tan phyllitic quartzite, quartz-sericite phyllite and limestone. As this anomaly was returned from the middle of the drill hole, and underlain by till returning background or weakly anomalous lead-zinc values, it is assumed the till travelled some distance from its bedrock source. Anomalous to highly anomalous lead-zinc values were returned from thick sections of sandy-pebble glacial till in ADH-106 and ADH-107. Rounded clasts of grey phyllitic quartzite and muscovite phyllite were noted within this section.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The Argus property is a massive sulphide sedex type lead-zinc-silver-barite target. Mineralized (lead-zinc) limestone and quartzite was exposed by bulldozing in 1972 following prospecting and soil geochemistry surveys.

Glacial till on the property varies from great thicknesses in the Hoole River valley, to a thin sheet at higher elevations. Outcrop of the property is restricted to the tops of the highest hills. Pebble orientation studies completed on till deposits, yielded an average azimuth of 300° to 310°. The mineralized float train found down-ice of the A Zone and a rousse montane located near the B Zone both trend approximately 330°.

The property is underlain by presumed Devonian age phyllitic quartzite, chloritic phyllite, limestone and muscovite phyllites of the Nisutlin Allochthon. The overall structural trend is northwest with units dipping gently to the southeast. Isoclinal folding about a near horizontal fold axis is suspected. Northeast strike slip faults are probably related to the Tintina Fault, located approximately five kilometres to the southwest.

Lead-zinc mineralization has been found in four separate occurrences; the A, B, D and E Zones, over a four kilometre span. All Zones are underlain by similar lithologies comprised of chloritic phyllite, limestone, quartzite and other fine grained clastics. Many chloritic phyllites, which underlie the limestone unit hosting the mineralized quartzites, are tuffaceous.

Most of the work in 1993 centered on the A Zone. Rock samples of foliated quartzite exposed in Upper Trench A8 returned up to 1,600 ppm lead, 4.33 % zinc and 4.4 ppm silver over a true width of 0.5m. Chip sampling over a mineralized float block of phyllitic quartzite returned a weighted average of 1.8% lead, 3.98% zinc and 33.3 ppm silver over a true width of 3.5m.

A total of 23 mineralized float samples of 'hard' foliated quartzite sampled down-ice of the A Zone returned an average of grade of 0.53% lead, 8.67% zinc and 21.4 ppm silver. This type of higher grade mineralized quartzite is believed to lie in the vicinity of Upper Trench A8.

Rock samples of massive, weakly mineralized quartzite from Trench B3 returned up to 6600 ppm lead, 9010 ppm zinc and 7.8 ppm silver. This quartzite is believed to be the same unit found at the A Zone where it is overlain by the limestone unit hosting the mineralized foliated quartzite.

The 1993 soil geochemistry survey centered over the A Zone confirmed the highly anomalous lead-zinc values previously reported in 1972 and 1973. The A Zone zinc in soil anomaly extends over an area approximately 200-300m by 700m. The anomaly projects 150m up-ice of Upper Trench A8, the nearest site of exposed mineralization.

Rock samples of weakly mineralized phyllitic quartzite float collected from Trench 78-5 are assumed to be derived from a small soil anomaly located 150m up-ice. The soil anomaly, located on the extreme west of the soil grid, is approximately 150m by 200m in area and open to the west.

The 1993 auger drill overburden sampling program tested historic (1972 and 1973) soil anomalies over the A and B Zones. Results demonstrate the dispersion and climb of mineralized till up through the till blanket down-ice of the A Zone. Auger drill holes immediately over and down-ice of known mineralization at the A and B Zones returned highly anomalous values (up to 3110 ppm lead and 9100 ppm zinc). Auger drill holes located up-ice and to the south of exposed A Zone mineralization returned sporadic anomalous lead-zinc values from discrete till horizons. These anomalies resemble those found 500m to 1000m down-ice of exposed A Zone mineralization. Therefore these unexplained anomalies indicate mineralization located in an up-ice direction.

Auger drill hole ADH-24, located at 35+00W on Baseline 'C', returned anomalous lead and zinc values from overburden samples and a selected rock sample of phyllitic quartzite. This anomaly is interpreted to reflect a nearby bedrock source as the bottom-most samples were highly anomalous.

Based on the results of exploration carried out on the Argus property further work is warranted. Additional hand auger soil sampling should be completed with emphasis paid to closing off existing soil anomalies. Lead and zinc soil anomalies, located in 1993 by auger drilling and soil sampling, should be followed up by additional till sampling with emphasis on anomalies open in an up-ice direction. The above work should be carried out in conjunction with geological mapping and data compilation. Any further work (trenching, diamond drilling, geophysics, etc.) is contingent on results of the above work.

6.0 REFERENCES

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7.0 STATEMENT OF QUALIFICATIONS

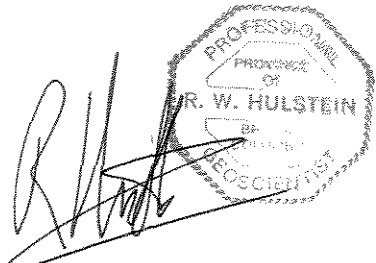
I, Roger W. Hulstein, with business address:

Kennecott Canada Inc.
354-200 Granville Street
Vancouver, B.C.
V6C 1S4

and residential address in Whitehorse, Yukon Territory, do hereby certify that:

1. I am a geologist with Kennecott Canada Inc.
2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.
3. I am a fellow of the Geological Association of Canada (F3572).
4. I am registered as a professional geoscientist (No. 19127) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
5. I am the author of this report on the Argus property, Watson Lake Mining District, Yukon, which is based on my personal examination of the ground during August and September, 1993 and on referenced sources.

January 31, 1994


Roger Hulstein, B.Sc., FGAC, P.Geo.

APPENDIX A
ANALYTICAL RESULTS



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

o: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Project : KP
 Comments:

*ARGUS
 ROCK*

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 21-SEP-93
 Invoice No. : 19321049
 P.O. Number :
 Account : F

CERTIFICATE OF ANALYSIS A9321049

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
S7507	208 274	2.0	0.98	220	< 0.5	< 2	12.45	108.5	25	165	32	5.56	0.42	2.13	4540
S7508	208 274	38.6	0.23	50	< 0.5	20	4.60	551	49	185	13	4.84	0.08	1.00	4310
S7509	208 274	5.8	0.60	210	< 0.5	< 2	14.75	85.5	15	113	7	5.92	0.25	1.88	6480
S7510	208 274	16.0	0.45	50	< 0.5	10	8.77	282	32	133	31	5.73	0.15	1.72	5120
T31815	208 274	8.0	1.76	120	< 0.5	2	0.62	85.0	15	221	130	2.23	0.70	0.13	1140
T31816	208 274	25.2	2.39	150	< 0.5	< 2	3.84	55.0	21	366	25	5.45	0.90	0.27	2880
T31817	208 274	3.8	3.12	230	0.5	< 2	6.73	15.5	22	292	41	5.82	1.15	0.30	3420

CERTIFICATION: *Hart Bichler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

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Certificate Date: 21-SEP-93
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CERTIFICATE OF ANALYSIS A9321049

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87507	208 274	< 1	0.03	19	520	40	312	0.07	34	10	>10000				
87508	208 274	< 1	0.01	8	940	26	68	< 0.01	9	140	>10000				
87509	208 274	< 1	0.03	12	650	32	251	0.01	13	10	>10000				
87510	208 274	< 1	0.03	13	900	1200	148	0.01	13	90	>10000				
T31815	208 274	1	0.08	39	820	2500	19	0.05	18	10	>10000				
T31816	208 274	< 1	0.13	51	890	>10000	78	0.19	66	10	>10000				
T31817	208 274	< 1	0.21	63	1380	850	103	0.42	85	10	9260				

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

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 Account : F

CERTIFICATE OF ANALYSIS A9321052

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807201	208 274	0.6	0.33	800	< 0.5	< 2	0.20	7.0	2	795	18	1.52	0.09	0.02	50
807202	208 274	1.2	0.70	1790	< 0.5	< 2	10.25	5.5	6	246	3	3.21	0.29	0.63	2640
807203	208 274	0.4	1.53	3480	0.5	< 2	0.30	1.0	3	153	12	1.42	0.61	0.10	80
807204	208 274	0.2	0.35	520	< 0.5	< 2	16.35	8.0	11	116	3	6.39	0.08	5.07	8510
807205	208 274	< 0.2	0.69	230	< 0.5	< 2	20.8	1.0	21	60	11	10.40	0.30	3.26	7300
807206	208 274	1.0	0.31	110	< 0.5	< 2	14.45	242	20	95	269	4.79	0.12	2.17	3500
807207	208 274	0.4	0.52	890	< 0.5	< 2	0.81	48.5	14	153	17	2.23	0.20	0.17	905
807208	208 274	< 0.2	0.38	550	< 0.5	< 2	18.40	22.5	13	75	21	6.99	0.14	0.97	6400
807209	208 274	0.2	0.48	910	< 0.5	< 2	0.20	2.0	2	216	8	1.14	0.20	0.03	85
807210	208 274	< 0.2	7.82	160	< 0.5	< 2	3.24	3.0	33	158	12	9.03	0.24	1.58	1645
807211	208 274	< 0.2	10.50	760	2.5	2	2.72	1.0	10	151	21	3.84	4.07	0.60	720
807212	208 274	< 0.2	1.19	100	< 0.5	< 2	12.05	1.0	11	148	12	7.37	0.34	3.19	2430
807213	208 274	< 0.2	6.18	190	< 0.5	< 2	4.12	1.0	21	56	23	8.30	0.64	0.27	1525
807214	208 274	3.0	0.74	110	< 0.5	12	6.18	167.0	27	190	58	3.04	0.29	0.32	2080
807215	208 274	2.0	1.47	200	< 0.5	2	9.73	31.5	13	131	21	5.87	0.66	0.42	4840
807216	208 274	4.6	2.24	320	< 0.5	< 2	4.15	31.0	17	285	35	5.05	1.03	0.23	3100
807217	208 274	0.4	1.06	170	< 0.5	< 2	18.95	35.0	16	57	18	9.73	0.55	3.58	7630
807218	208 274	< 0.2	3.57	350	0.5	4	3.55	1.5	3	250	18	1.57	1.46	0.20	860
807219	208 274	5.6	0.56	130	< 0.5	< 2	0.87	41.0	10	200	26	5.63	0.20	0.16	6500
807220	208 274	4.4	0.45	180	< 0.5	< 2	0.45	124.0	15	190	14	15.45	0.12	0.11	7460
807221	208 274	7.2	0.78	70	< 0.5	8	6.29	249	31	135	18	4.52	0.28	1.25	4350
T31801	208 274	2.2	0.41	1970	< 0.5	< 2	0.41	31.5	7	371	19	1.49	0.10	0.02	625
T31802	208 274	7.8	0.44	1030	< 0.5	< 2	7.60	11.5	8	155	10	2.62	0.17	1.04	2360
T31803	208 274	48.6	0.87	150	< 0.5	6	4.72	218	23	255	12	4.75	0.20	0.68	4690
T31804	208 274	19.4	0.35	80	< 0.5	4	3.46	158.0	10	163	4	1.86	0.12	0.52	2240
T31805	208 274	1.4	6.41	620	1.0	< 2	4.85	7.0	25	111	13	7.26	1.02	2.05	1175
T31806	208 274	13.6	0.66	130	< 0.5	2	3.23	78.5	13	203	12	3.66	0.28	0.60	2950
T31807	208 274	78.6	0.53	40	< 0.5	< 2	5.44	98.5	16	235	105	7.73	0.08	1.00	6600
T31808	208 274	14.0	0.92	100	< 0.5	10	3.32	245	30	173	26	3.06	0.36	0.74	2000
T31809	208 274	11.8	0.59	90	< 0.5	8	5.74	329	49	181	18	6.09	0.23	1.82	4530
T31810	208 274	0.8	4.28	1760	1.0	2	3.58	8.5	14	193	17	1.91	1.71	0.24	780
T31811	208 274	4.4	0.63	130	< 0.5	8	4.41	304	30	215	12	5.38	0.20	0.68	4940
T31812	208 274	0.2	0.97	210	< 0.5	< 2	24.5	3.5	11	37	1	6.31	0.48	4.42	5280
T31813	208 274	40.0	0.57	80	< 0.5	4	6.60	168.5	26	199	19	6.03	0.19	1.47	5660
T31814	208 274	76.0	1.04	80	< 0.5	10	1.48	253	28	147	23	2.81	0.38	0.31	1800

CERTIFICATION: *Hart Bichler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Project : KP
 Comments:

Page Number : 1-B
 Total Pages : 1
 Certificate Date: 22-SEP-93
 Invoice No. : I9321052
 P.O. Number :
 Account : F

CERTIFICATE OF ANALYSIS A9321052

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
S07201	208 274	1	0.01	12	790	170	43	0.02	5	< 10	3070				
S07202	208 274	< 1	0.02	23	3530	1300	117	0.01	14	< 10	1560				
S07203	208 274	< 1	0.02	14	2960	50	36	0.04	15	< 10	708				
S07204	208 274	< 1	0.01	17	920	176	288	< 0.01	18	< 10	1955				
S07205	208 274	< 1	0.01	48	600	6	191	0.07	21	20	1385				
S07206	208 274	< 1	< 0.01	34	300	12	369	< 0.01	9	< 10	>10000				
S07207	208 274	< 1	< 0.01	37	1170	402	21	< 0.01	5	< 10	>10000				
S07208	208 274	< 1	< 0.01	25	590	18	417	< 0.01	9	< 10	6340				
S07209	208 274	< 1	< 0.01	9	760	90	15	0.01	7	< 10	730				
S07210	208 274	< 1	3.35	28	1780	< 2	90	0.50	242	< 10	618				
S07211	208 274	1	0.73	30	870	18	135	0.19	64	< 10	326				
S07212	208 274	< 1	0.16	22	2940	32	287	0.02	26	< 10	342				
S07213	208 274	< 1	3.04	13	2320	6	80	0.78	200	< 10	206				
S07214	208 274	< 1	0.08	22	1540	150	118	0.02	13	< 10	>10000				
S07215	208 274	< 1	0.05	25	950	384	104	0.03	15	< 10	>10000				
S07216	208 274	< 1	0.06	42	1250	1240	49	0.06	18	< 10	>10000				
S07217	208 274	< 1	0.02	21	480	144	434	0.06	37	10	>10000				
S07218	208 274	< 1	0.12	11	240	34	105	0.07	23	< 10	620				
S07219	208 274	< 1	0.02	29	1080	4500	34	0.01	9	< 10	>10000				
S07220	208 274	< 1	0.02	37	960	1600	20	0.01	6	< 10	>10000				
S07221	208 274	< 1	0.06	12	680	772	102	< 0.01	10	70	>10000				
T31801	208 274	< 1	< 0.01	20	1770	2100	51	< 0.01	3	< 10	9010				
T31802	208 274	< 1	< 0.01	27	2350	6600	159	< 0.01	10	< 10	4180				
T31803	208 274	< 1	0.01	45	990	>10000	65	0.07	24	20	>10000				
T31804	208 274	< 1	0.03	16	420	9100	50	< 0.01	6	< 10	>10000				
T31805	208 274	< 1	1.60	23	1820	350	290	1.17	249	10	1990				
T31806	208 274	< 1	0.02	15	1550	3200	36	0.01	12	< 10	>10000				
T31807	208 274	< 1	0.02	21	740	>10000	81	0.02	19	10	>10000				
T31808	208 274	< 1	0.03	16	660	1160	30	0.01	10	60	>10000				
T31809	208 274	< 1	0.02	11	1200	1520	56	0.01	12	90	>10000				
T31810	208 274	2	0.51	25	760	290	79	0.29	66	< 10	2370				
T31811	208 274	< 1	0.06	28	910	2200	39	0.01	10	40	>10000				
T31812	208 274	< 1	0.02	19	660	32	707	0.14	41	20	1060				
T31813	208 274	< 1	0.03	19	750	3600	68	< 0.01	11	30	>10000				
T31814	208 274	< 1	0.07	87	570	>10000	37	0.01	11	30	>10000				

CERTIFICATION: *Hart Bickler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

J: ARCHER CATHRO & ASSOC. (1981) LTD.

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Account : F

CERTIFICATE OF ANALYSIS A9321053

SAMPLE	PREP CODE	Ag oz/T	Cu %	Pb %	Zn %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %
S07501	208 274	0.27	0.01	0.27	3.75	7.4	0.17	36	70	< 0.5	20	12.10	93.5	18	106	19	6.95	< 10	2	0.06
S07502	208 274	0.84	0.01	0.56	3.66	25.6	0.09	62	50	< 0.5	16	8.76	98.5	19	91	4	4.08	< 10	1	0.02
S07503	208 274	0.09	0.01	0.03	3.54	1.2	0.27	28	160	< 0.5	6	4.79	38.0	10	84	23	3.22	< 10	6	0.14
S07504	208 274	0.53	< 0.01	0.32	13.70	16.0	0.21	182	420	< 0.5	22	4.35	>100.0	46	94	8	6.58	< 10	7	0.07
S07505	208 274	0.03	< 0.01	0.01	0.23	< 0.2	0.18	22	120	< 0.5	8	9.93	4.0	5	46	< 1	7.06	< 10	< 1	0.06
S07506	208 274	0.32	0.01	0.03	11.10	9.0	0.12	8	180	< 0.5	14	11.50	>100.0	31	36	47	3.00	< 10	8	0.04

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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

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CERTIFICATE OF ANALYSIS

A9321053

SAMPLE	PREP CODE		La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
S07501	208	274	20	2.50	7320	< 1	0.02	10	830	2360	< 2	2	155	< 0.01	< 10	< 10	3	10	>10000
S07502	208	274	30	2.07	5680	< 1	0.01	20	320	5340	4	2	105	< 0.01	< 10	< 10	2	< 10	>10000
S07503	208	274	40	1.28	3340	< 1	0.01	20	700	170	< 2	1	95	< 0.01	< 10	< 10	3	< 10	>10000
S07504	208	274	30	0.90	4020	< 1	0.02	43	870	3060	< 2	1	45	< 0.01	< 10	< 10	4	50	>10000
S07505	208	274	30	2.30	6440	< 1	0.02	10	940	52	4	2	130	< 0.01	< 10	< 10	2	< 10	2330
S07506	208	274	10	0.61	2850	< 1	0.01	10	620	240	< 2	1	162	< 0.01	< 10	< 10	1	20	>10000

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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

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CERTIFICATE OF ANALYSIS

A9321740

SAMPLE	PREP CODE	Pb %	Zn %								
T32509	244 --	-----	2.23								
T32511	244 --	3.00	-----								
S07206	244 --	-----	5.21								
S07207	244 --	-----	1.55								
S07214	244 --	-----	6.26								
S07215	244 --	-----	1.50								
S07216	244 --	-----	1.42								
S07217	244 --	-----	1.44								
S07219	244 --	-----	1.46								
S07220	244 --	-----	4.33								
S07221	244 --	-----	11.60								
T31803	244 --	1.12	6.25								
T31804	244 --	-----	5.08								
T31806	244 --	-----	3.22								
T31807	244 --	3.00	4.16								
T31808	244 --	-----	11.00								
T31809	244 --	-----	16.10								
T31811	244 --	-----	8.80								
T31813	244 --	-----	7.42								
T31814	244 --	4.26	7.80								
S7507	244 --	-----	4.55								
S7508	244 --	-----	26.9								
S7509	244 --	-----	3.70								
S7510	244 --	-----	15.40								
T31815	244 --	-----	2.83								
T31816	244 --	1.67	2.05								

CERTIFICATION:

Said Zeinab



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

Client: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

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CERTIFICATE OF ANALYSIS

A9322137

SAMPLE	PREP CODE	Pb %	Zn %								
S07511	244 --	1.32	12.90								
S07512	244 --	2.91	7.08								
S07513	244 --	-----	20.2								
S07514	244 --	1.72	7.83								
T31821	244 --	-----	1.47								

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

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WHITEHORSE, YT
Y1A 3S9

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Invoice No. : 19321387
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS A9321387

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
S07511	205 274	35.6	0.50	70	< 0.5	20	9.06	261	39	101	15	5.52	0.15	1.16	5880
S07512	205 274	53.0	0.36	190	< 0.5	12	10.75	240	22	127	22	4.17	0.12	0.91	4580
S07513	205 274	9.6	0.33	50	< 0.5	14	8.54	385	53	65	28	6.02	0.12	2.33	4600
S07514	205 274	39.0	1.22	120	< 0.5	14	2.67	240	21	152	80	2.35	0.42	0.67	1755
T31818	205 274	0.4	1.28	280	< 0.5	< 2	14.05	5.5	35	473	24	7.43	0.61	2.57	3310
T31819	205 274	1.8	3.75	250	0.5	2	1.72	10.0	10	204	10	1.94	1.49	0.36	805
T31820	205 274	0.4	5.45	360	1.0	< 2	0.98	0.5	9	200	73	2.45	2.04	0.26	500
T31821	205 274	0.4	4.79	520	0.5	4	4.83	48.5	39	351	52	8.60	1.64	1.07	3690
T31822	205 274	< 0.2	1.44	460	< 0.5	4	4.41	13.0	11	318	10	3.35	0.16	1.06	1270
T31826	205 274	3.8	4.82	570	1.0	4	1.51	5.5	8	753	48	2.04	1.90	0.27	750
T31827	205 274	< 0.2	7.40	560	1.0	4	4.58	2.0	46	75	100	9.81	2.42	0.80	2290
T31828	205 274	< 0.2	1.85	340	< 0.5	14	>25.0	< 0.5	10	71	46	2.26	0.66	0.47	810

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Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

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Project: KP
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 Certificate Date: 27-SEP-93
 Invoice No.: 19321387
 P.O. Number:
 Account: F

CERTIFICATE OF ANALYSIS A9321387

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
S07511	205 274	< 1	0.04	10	610	>10000	114	< 0.01	12	120	>10000				
S07512	205 274	< 1	0.03	13	1000	>10000	107	< 0.01	10	60	>10000				
S07513	205 274	< 1	0.01	10	750	670	76	< 0.01	9	170	>10000				
S07514	205 274	< 1	0.08	27	650	>10000	44	0.01	10	70	>10000				
T31818	205 274	1	0.02	121	510	140	184	0.18	62	30	2440				
T31819	205 274	< 1	0.36	26	190	740	52	0.06	24	< 10	4840				
T31820	205 274	1	0.64	22	290	28	38	0.08	36	< 10	408				
T31821	205 274	< 1	0.86	110	1770	48	107	0.46	149	30	>10000				
T31822	205 274	< 1	0.57	46	1260	14	150	0.03	22	< 10	2590				
T31826	205 274	1	0.68	36	750	1110	89	0.59	186	< 10	982				
T31827	205 274	2	1.21	80	2420	20	83	0.95	168	20	1905				
T31828	205 274	1	0.43	26	940	24	1310	0.46	54	< 10	86				

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

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To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
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 Y1A 3S9

Page Number : 1-A
 Total Pages : 6
 Certificate Date: 21-SEP-93
 Invoice No. : I9321048
 P.O. Number :
 Account : F

Project : KP
 Comments:

CERTIFICATE OF ANALYSIS A9321048

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
S7222	201 229	< 0.2	1.72	8	370	< 0.5	< 2	0.77	< 0.5	20	143	40	3.78	10	< 1	0.04	20	1.48	435	< 1
S7223	201 229	0.2	1.13	18	300	< 0.5	< 2	1.89	0.5	19	93	38	3.29	< 10	< 1	0.08	< 10	1.23	590	< 1
S7224	201 229	0.2	1.39	8	570	< 0.5	< 2	2.85	0.5	24	169	38	4.29	< 10	< 1	0.06	< 10	1.34	645	< 1
S7225	201 229	0.2	0.84	22	270	< 0.5	< 2	0.34	0.5	14	44	24	3.55	< 10	< 1	0.04	10	0.56	695	< 1
S7226	201 229	< 0.2	0.56	28	200	< 0.5	< 2	2.95	< 0.5	20	29	27	4.71	< 10	< 1	0.04	< 10	0.47	1045	< 1
S7227	201 229	< 0.2	0.52	14	210	< 0.5	< 2	1.88	< 0.5	13	30	22	3.16	< 10	< 1	0.06	< 10	0.39	660	< 1
S7228	201 229	0.2	1.25	12	540	< 0.5	< 2	0.79	0.5	16	91	42	2.89	< 10	< 1	0.13	10	1.26	490	< 1
S7229	201 229	0.2	0.93	18	290	< 0.5	< 2	1.73	0.5	16	71	34	2.94	< 10	< 1	0.10	< 10	1.02	630	< 1
S7230	201 229	0.2	0.59	20	160	< 0.5	< 2	0.79	< 0.5	20	28	60	3.85	< 10	< 1	0.09	10	0.39	565	< 1
S7231	201 229	< 0.2	0.51	< 2	120	< 0.5	< 2	0.97	< 0.5	12	17	28	4.05	< 10	< 1	0.16	< 10	0.17	700	< 1
S7232	201 229	0.2	1.12	18	250	< 0.5	< 2	0.40	0.5	13	57	36	3.01	< 10	< 1	0.10	20	0.78	525	< 1
S7233	201 229	0.2	1.29	12	320	< 0.5	< 2	1.37	1.0	16	72	35	3.14	< 10	< 1	0.15	10	0.99	745	< 1
S7234	201 229	0.4	0.82	10	210	< 0.5	< 2	1.10	1.0	13	51	24	2.82	< 10	< 1	0.08	10	0.66	565	< 1
S7235	201 229	0.2	0.69	8	160	< 0.5	< 2	0.76	0.5	13	40	26	3.18	< 10	< 1	0.09	10	0.42	795	< 1
S7236	201 229	0.4	1.18	14	310	< 0.5	< 2	0.36	0.5	11	48	18	3.27	< 10	< 1	0.06	20	0.50	495	< 1
S7237	201 229	0.2	0.44	20	100	< 0.5	< 2	0.19	0.5	19	22	66	4.43	< 10	< 1	0.05	10	0.21	375	1
S7238	201 229	< 0.2	0.28	4	80	< 0.5	< 2	0.12	< 0.5	8	14	22	3.11	< 10	< 1	0.09	10	0.06	530	< 1
S7239	201 229	< 0.2	1.08	24	310	< 0.5	< 2	0.34	< 0.5	11	63	20	2.48	< 10	< 1	0.07	10	0.69	360	< 1
S7240	201 229	0.2	0.52	20	140	< 0.5	< 2	1.50	< 0.5	15	26	37	4.47	< 10	< 1	0.07	< 10	0.32	785	< 1
S7241	201 229	0.2	0.49	20	130	< 0.5	< 2	0.56	< 0.5	20	20	49	5.13	< 10	< 1	0.06	< 10	0.26	695	< 1
S7242	201 229	< 0.2	0.46	12	60	< 0.5	< 2	0.50	< 0.5	13	17	38	5.82	< 10	< 1	0.10	< 10	0.32	760	< 1
S7243	201 229	0.2	0.94	12	260	< 0.5	< 2	0.37	< 0.5	12	61	24	2.19	< 10	< 1	0.05	10	0.66	280	< 1
S7244	201 229	0.2	0.95	18	290	< 0.5	< 2	0.96	0.5	15	53	28	2.84	< 10	< 1	0.09	10	0.67	565	< 1
S7245	201 229	0.2	0.94	22	180	< 0.5	< 2	1.29	< 0.5	12	56	24	2.74	< 10	< 1	0.08	10	0.76	520	< 1
S7246	201 229	0.2	0.63	12	140	< 0.5	< 2	0.74	0.5	18	33	43	4.59	< 10	< 1	0.08	10	0.36	585	< 1
S7247	201 229	< 0.2	0.43	12	110	< 0.5	< 2	0.71	< 0.5	18	16	43	4.49	< 10	< 1	0.07	10	0.19	715	< 1
S7248	201 229	0.2	0.38	14	130	< 0.5	< 2	0.33	0.5	19	17	51	4.89	< 10	< 1	0.09	10	0.15	740	< 1
S7249	201 229	0.4	1.05	24	260	< 0.5	< 2	0.38	0.5	13	95	31	2.46	< 10	< 1	0.10	10	1.01	380	< 1
S7250	201 229	0.4	1.20	16	420	< 0.5	< 2	0.97	0.5	15	66	41	2.99	< 10	< 1	0.13	10	0.90	545	1
S7251	201 229	0.2	0.93	28	210	< 0.5	< 2	1.63	0.5	16	105	28	2.75	< 10	< 1	0.08	< 10	1.35	540	< 1
S7252	201 229	0.2	0.81	10	170	< 0.5	< 2	1.53	0.5	14	87	26	2.58	< 10	< 1	0.07	< 10	1.19	520	< 1
S7253	201 229	0.2	0.76	6	210	< 0.5	< 2	2.38	1.5	13	50	29	3.27	< 10	< 1	0.08	< 10	0.66	1135	< 1
S07755	201 229	0.4	0.86	< 2	150	< 0.5	< 2	0.43	1.0	12	67	17	2.50	< 10	< 1	0.04	10	0.73	570	< 1
S07756	201 229	0.6	1.03	18	270	< 0.5	< 2	1.15	2.0	13	62	22	3.03	< 10	< 1	0.06	< 10	0.62	835	< 1
S07757	201 229	< 0.2	0.73	10	170	< 0.5	< 2	0.69	1.0	11	39	7	2.30	< 10	< 1	0.03	< 10	0.40	840	< 1
S07758	201 229	0.4	0.95	8	230	< 0.5	< 2	0.84	0.5	10	51	28	2.58	< 10	< 1	0.06	10	0.52	350	< 1
S07759	201 229	0.2	0.87	72	260	< 0.5	< 2	0.52	0.5	10	35	18	2.61	< 10	< 1	0.04	10	0.32	365	< 1
S07760	201 229	0.2	0.48	14	140	< 0.5	< 2	0.13	< 0.5	27	5	25	6.16	< 10	< 1	0.03	20	0.03	330	1
S07761	201 229	0.2	1.10	32	260	< 0.5	< 2	0.69	1.0	15	54	29	3.30	< 10	< 1	0.06	10	0.44	945	< 1
S07762	201 229	0.4	0.68	24	210	< 0.5	< 2	0.33	1.5	10	12	26	2.56	< 10	< 1	0.06	20	0.22	350	< 1

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : KP
Comments:

Page Number : 1-B
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Certificate Date: 21-SEP-91
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P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9321048

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S7222	201 229	< 0.01	132	1170	14	< 2	8	47	0.03	< 10	< 10	58	< 10	126
S7223	201 229	< 0.01	126	1100	22	< 2	4	68	0.02	< 10	< 10	37	< 10	132
S7224	201 229	< 0.01	113	1440	46	< 2	7	112	0.01	< 10	< 10	57	10	318
S7225	201 229	< 0.01	71	810	68	< 2	3	18	0.02	< 10	< 10	23	< 10	380
S7226	201 229	< 0.01	42	1610	38	< 2	3	56	0.01	< 10	< 10	14	10	202
S7227	201 229	0.01	37	910	38	< 2	2	38	< 0.01	< 10	< 10	12	< 10	176
S7228	201 229	0.01	149	1130	14	< 2	4	44	0.01	< 10	< 10	47	< 10	158
S7229	201 229	0.01	110	1050	50	< 2	3	66	0.02	< 10	< 10	32	< 10	306
S7230	201 229	< 0.01	62	770	58	< 2	2	31	< 0.01	< 10	< 10	14	< 10	330
S7231	201 229	0.02	32	460	18	< 2	2	19	< 0.01	< 10	< 10	5	< 10	150
S7232	201 229	< 0.01	79	860	26	< 2	4	26	0.02	< 10	< 10	36	< 10	302
S7233	201 229	0.01	91	910	46	< 2	4	56	0.03	< 10	< 10	37	< 10	294
S7234	201 229	< 0.01	62	820	56	< 2	3	41	0.02	< 10	< 10	23	< 10	600
S7235	201 229	< 0.01	51	640	36	< 2	2	25	0.01	< 10	< 10	16	< 10	816
S7236	201 229	0.01	41	810	100	< 2	3	28	0.01	< 10	< 10	32	< 10	620
S7237	201 229	< 0.01	63	720	66	< 2	2	17	< 0.01	< 10	< 10	9	< 10	588
S7238	201 229	0.01	21	370	10	< 2	1	10	< 0.01	< 10	< 10	2	< 10	102
S7239	201 229	< 0.01	75	540	56	< 2	3	20	0.02	< 10	< 10	31	< 10	206
S7240	201 229	< 0.01	54	750	64	< 2	2	24	< 0.01	< 10	< 10	11	< 10	274
S7241	201 229	< 0.01	60	670	34	< 2	2	17	< 0.01	< 10	< 10	9	< 10	192
S7242	201 229	0.01	42	500	18	< 2	2	19	< 0.01	< 10	< 10	2	< 10	124
S7243	201 229	< 0.01	74	580	8	< 2	3	25	0.01	< 10	< 10	28	< 10	74
S7244	201 229	< 0.01	68	980	24	< 2	3	42	0.01	< 10	< 10	28	< 10	194
S7245	201 229	0.01	66	1030	34	< 2	3	53	0.02	< 10	< 10	28	< 10	192
S7246	201 229	< 0.01	56	820	66	< 2	2	30	< 0.01	< 10	< 10	13	< 10	368
S7247	201 229	< 0.01	53	790	32	< 2	2	21	< 0.01	< 10	< 10	6	< 10	300
S7248	201 229	< 0.01	50	600	24	< 2	2	18	< 0.01	< 10	< 10	4	< 10	304
S7249	201 229	0.01	132	920	8	< 2	4	26	0.03	< 10	< 10	40	< 10	80
S7250	201 229	0.01	81	1080	16	< 2	4	49	0.02	< 10	< 10	43	< 10	178
S7251	201 229	< 0.01	133	900	32	< 2	3	56	0.02	< 10	< 10	26	< 10	246
S7252	201 229	< 0.01	125	890	34	< 2	3	49	0.02	< 10	< 10	22	< 10	258
S7253	201 229	< 0.01	70	740	102	< 2	2	116	0.01	< 10	< 10	17	< 10	628
S07755	201 229	< 0.01	62	1210	90	< 2	3	27	0.01	< 10	< 10	29	< 10	596
S07756	201 229	< 0.01	64	930	106	< 2	3	58	0.01	< 10	< 10	30	< 10	740
S07757	201 229	0.01	26	720	70	< 2	2	41	0.01	< 10	< 10	23	< 10	478
S07758	201 229	0.01	51	1000	22	< 2	3	44	0.01	< 10	< 10	22	< 10	280
S07759	201 229	0.01	36	880	40	< 2	2	31	< 0.01	< 10	< 10	19	< 10	180
S07760	201 229	< 0.01	36	1060	24	< 2	3	21	< 0.01	< 10	< 10	4	< 10	242
S07761	201 229	< 0.01	61	1110	16	< 2	3	37	< 0.01	< 10	< 10	23	< 10	436
S07762	201 229	< 0.01	38	860	62	< 2	2	17	< 0.01	< 10	< 10	6	< 10	582

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9321048

SAMPLE	PREP CODE		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
S07763	201	229	0.2	1.37	36	390	< 0.5	< 2	0.48	5.0	15	52	34	3.33	< 10	< 1	0.06	20	0.50	400	1
S07764	201	229	< 0.2	1.25	26	250	< 0.5	< 2	0.33	< 0.5	13	48	27	3.13	< 10	1	0.06	30	0.59	330	< 1
S07765	201	229	0.2	1.74	28	350	< 0.5	< 2	0.71	1.0	15	51	34	4.07	< 10	< 1	0.06	20	0.80	595	< 1
S07766	201	229	0.2	1.51	22	400	< 0.5	< 2	0.43	0.5	14	48	36	3.56	< 10	< 1	0.07	20	0.57	465	< 1
S07767	201	229	< 0.2	1.04	14	230	< 0.5	< 2	0.46	< 0.5	13	37	15	2.82	< 10	< 1	0.04	20	0.47	460	< 1
S07768	201	229	< 0.2	1.12	24	390	< 0.5	< 2	0.31	0.5	15	40	21	3.54	< 10	< 1	0.04	10	0.34	670	1
S07769	201	229	0.2	1.16	12	390	< 0.5	< 2	0.68	0.5	13	53	35	2.99	< 10	< 1	0.02	20	0.51	840	< 1
S07770	201	229	0.4	0.92	20	320	< 0.5	< 2	0.57	1.0	11	39	35	2.84	< 10	< 1	0.03	20	0.34	680	< 1
S07771	201	229	< 0.2	0.86	22	200	< 0.5	< 2	0.43	1.5	12	50	14	3.16	< 10	< 1	0.02	10	0.53	850	< 1
S07772	201	229	< 0.2	1.29	26	190	< 0.5	< 2	0.68	0.5	14	90	20	3.00	< 10	< 1	0.03	20	0.80	650	< 1
S07773	201	229	0.2	1.10	22	310	< 0.5	< 2	0.78	0.5	15	59	29	3.16	< 10	< 1	0.04	20	0.64	735	< 1
S07774	201	229	< 0.2	1.01	26	190	< 0.5	< 2	0.52	0.5	11	68	24	2.56	< 10	< 1	0.05	20	0.72	530	1
S07775	201	229	< 0.2	1.44	14	370	< 0.5	< 2	0.80	1.0	11	51	12	2.75	< 10	< 1	0.04	10	0.40	860	1
S07776	201	229	0.6	1.06	18	300	< 0.5	< 2	0.79	13.5	14	41	24	3.23	< 10	1	0.03	10	0.49	1255	1
S07777	201	229	< 0.2	1.23	8	300	< 0.5	< 2	0.18	< 0.5	10	49	9	2.34	< 10	< 1	0.04	20	0.55	245	< 1
S07778	201	229	0.2	1.35	16	360	< 0.5	< 2	0.57	1.0	13	65	34	3.20	< 10	< 1	0.09	20	0.79	885	< 1
S07779	201	229	0.2	0.94	16	350	< 0.5	< 2	0.65	1.0	14	62	20	2.68	< 10	< 1	0.03	10	0.71	385	1
S07780	201	229	< 0.2	1.12	12	250	< 0.5	< 2	0.44	< 0.5	14	92	25	3.19	< 10	< 1	0.02	10	0.83	405	1
S07781	201	229	0.2	0.96	6	410	< 0.5	< 2	0.58	0.5	9	46	16	2.03	< 10	< 1	0.03	10	0.51	430	1
S07782	201	229	1.2	1.66	20	1490	< 0.5	< 2	1.05	0.5	11	38	16	3.53	< 10	< 1	0.04	10	0.34	675	< 1
S07783	201	229	0.2	0.95	16	650	< 0.5	< 2	0.48	< 0.5	10	34	15	2.22	< 10	< 1	0.04	10	0.41	280	< 1
S07784	201	229	< 0.2	0.78	8	370	< 0.5	< 2	0.29	< 0.5	11	33	16	2.14	< 10	< 1	0.04	10	0.40	305	< 1
S07785	201	229	< 0.2	0.78	12	230	< 0.5	< 2	0.56	< 0.5	13	58	9	2.57	< 10	< 1	0.03	10	0.63	265	< 1
S07786	201	229	0.2	1.13	8	330	< 0.5	< 2	0.98	0.5	17	87	43	2.55	< 10	< 1	0.03	10	1.01	660	< 1
S07787	201	229	0.2	1.43	18	290	< 0.5	< 2	0.84	0.5	20	68	73	3.09	< 10	< 1	0.05	20	1.01	655	< 1
S07788	201	229	0.2	1.61	16	220	< 0.5	< 2	0.95	< 0.5	13	56	75	2.91	< 10	< 1	0.06	10	1.13	620	< 1
S07789	201	229	0.2	1.81	20	480	< 0.5	< 2	1.53	0.5	20	65	168	3.48	< 10	< 1	0.06	30	1.28	1335	< 1
S07790	201	229	17.4	0.41	58	60	< 0.5	< 2	0.60	13.0	13	17	35	4.82	< 10	< 1	0.02	10	0.18	2310	< 1
S07791	201	229	1.2	1.08	26	280	< 0.5	< 2	0.30	2.0	9	63	18	3.03	< 10	< 1	0.05	10	0.68	590	< 1
S07792	201	229	0.4	1.00	16	250	< 0.5	< 2	0.58	4.5	8	37	13	2.26	< 10	< 1	0.02	10	0.29	605	< 1
S07793	201	229	0.2	1.27	20	490	< 0.5	< 2	0.24	5.5	12	70	19	2.88	< 10	< 1	0.03	10	0.73	445	1
S07794	201	229	< 0.2	1.03	16	470	< 0.5	< 2	0.51	< 0.5	9	45	13	2.59	< 10	< 1	0.02	10	0.49	295	1
S07795	201	229	0.2	1.39	26	560	< 0.5	< 2	0.34	< 0.5	10	45	25	2.91	< 10	< 1	0.04	20	0.52	335	< 1
S07796	201	229	< 0.2	0.97	12	350	< 0.5	< 2	0.13	< 0.5	7	33	12	2.20	< 10	< 1	0.03	10	0.42	190	1
S07797	201	229	< 0.2	0.83	12	800	< 0.5	< 2	0.44	< 0.5	10	28	24	2.40	< 10	< 1	0.03	10	0.42	475	< 1
S07798	201	229	0.2	0.80	14	430	< 0.5	< 2	0.64	0.5	8	33	18	1.84	< 10	< 1	0.03	10	0.40	250	< 1
S07799	201	229	0.2	1.04	6	530	< 0.5	< 2	0.44	< 0.5	10	53	21	2.37	< 10	< 1	0.03	10	0.51	530	< 1
S07800	201	229	< 0.2	0.80	12	250	< 0.5	< 2	0.35	< 0.5	9	53	10	2.19	< 10	< 1	0.02	10	0.55	245	< 1
S07801	201	229	0.2	0.93	20	320	< 0.5	< 2	0.47	< 0.5	10	58	19	2.13	< 10	< 1	0.03	10	0.61	360	< 1
S07802	201	229	< 0.2	1.09	14	200	< 0.5	< 2	0.61	< 0.5	16	84	11	2.29	< 10	< 1	0.03	10	0.99	340	< 1

CERTIFICATION: *Hart Bickler*



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SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S07763	201 229	0.01	55	930	140	< 2	3	29	< 0.01	< 10	< 10	31	< 10	1260
S07764	201 229	< 0.01	48	660	30	2	3	20	0.01	< 10	< 10	30	< 10	326
S07765	201 229	< 0.01	50	1050	32	< 2	6	36	< 0.01	< 10	< 10	51	< 10	406
S07766	201 229	< 0.01	52	700	26	< 2	4	27	< 0.01	< 10	< 10	39	< 10	346
S07767	201 229	< 0.01	34	1300	26	2	2	25	< 0.01	< 10	< 10	28	< 10	228
S07768	201 229	0.01	48	660	30	2	3	21	< 0.01	< 10	< 10	24	< 10	244
S07769	201 229	< 0.01	57	810	34	2	4	43	0.01	< 10	< 10	33	< 10	270
S07770	201 229	0.01	47	640	52	< 2	3	39	0.01	< 10	< 10	27	< 10	498
S07771	201 229	< 0.01	47	970	74	< 2	3	27	0.01	< 10	< 10	29	< 10	908
S07772	201 229	0.01	78	760	68	< 2	4	38	0.04	< 10	< 10	48	< 10	390
S07773	201 229	< 0.01	67	1290	64	< 2	4	47	0.01	< 10	< 10	34	< 10	452
S07774	201 229	0.01	78	940	80	2	3	28	0.03	< 10	< 10	35	< 10	494
S07775	201 229	0.01	44	550	38	2	2	44	0.01	< 10	< 10	45	< 10	590
S07776	201 229	< 0.01	55	970	160	< 2	3	51	0.02	< 10	< 10	35	< 10	5340
S07777	201 229	< 0.01	38	410	70	< 2	2	11	0.02	< 10	< 10	38	< 10	368
S07778	201 229	0.01	79	770	44	2	4	38	0.03	< 10	< 10	44	< 10	572
S07779	201 229	< 0.01	80	1100	26	2	3	42	0.01	< 10	< 10	31	< 10	326
S07780	201 229	< 0.01	82	650	42	< 2	5	28	0.01	< 10	< 10	42	< 10	270
S07781	201 229	< 0.01	40	710	8	< 2	2	35	0.01	< 10	< 10	25	< 10	136
S07782	201 229	< 0.01	38	920	34	2	3	61	< 0.01	< 10	< 10	37	< 10	238
S07783	201 229	0.01	36	410	12	2	2	30	0.01	< 10	< 10	24	< 10	68
S07784	201 229	< 0.01	32	540	14	2	1	18	0.01	< 10	< 10	23	< 10	76
S07785	201 229	< 0.01	36	570	16	2	1	33	0.02	< 10	< 10	28	< 10	94
S07786	201 229	< 0.01	80	1220	20	< 2	3	52	0.04	< 10	< 10	27	< 10	270
S07787	201 229	< 0.01	74	1920	6	2	3	43	0.03	< 10	< 10	28	< 10	76
S07788	201 229	0.01	50	900	16	< 2	3	54	0.02	< 10	< 10	35	< 10	94
S07789	201 229	< 0.01	71	1020	18	< 2	4	88	0.01	< 10	< 10	42	< 10	88
S07790	201 229	< 0.01	36	1160	4130	< 2	2	31	< 0.01	< 10	< 10	12	< 10	9350
S07791	201 229	< 0.01	77	1120	1375	< 2	2	20	0.01	< 10	< 10	35	< 10	2580
S07792	201 229	0.01	29	540	98	< 2	1	23	0.01	< 10	< 10	32	< 10	2640
S07793	201 229	< 0.01	63	390	66	< 2	3	16	0.01	< 10	< 10	41	< 10	1305
S07794	201 229	< 0.01	31	560	36	2	2	32	0.01	< 10	< 10	33	< 10	172
S07795	201 229	< 0.01	50	680	26	2	3	24	0.01	< 10	< 10	42	< 10	162
S07796	201 229	< 0.01	27	320	18	< 2	1	9	0.01	< 10	< 10	25	< 10	70
S07797	201 229	0.01	40	810	26	< 2	2	32	< 0.01	< 10	< 10	20	< 10	108
S07798	201 229	0.01	38	890	18	< 2	2	45	< 0.01	< 10	< 10	23	< 10	114
S07799	201 229	0.01	54	440	24	< 2	3	25	0.01	< 10	< 10	29	< 10	94
S07800	201 229	< 0.01	35	650	12	< 2	1	21	0.01	< 10	< 10	25	< 10	80
S07801	201 229	0.01	63	570	34	< 2	3	28	0.01	< 10	< 10	24	< 10	116
S07802	201 229	< 0.01	64	1090	12	< 2	3	38	0.04	< 10	< 10	31	< 10	116

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CERTIFICATE OF ANALYSIS

A9321048

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
S07803	201 229	< 0.2	1.36	16	250	< 0.5	< 2	0.56	< 0.5	13	79	31	2.84	< 10	< 1	0.03	10	1.11	490	1
S07804	201 229	0.2	0.71	2	280	< 0.5	< 2	1.37	< 0.5	3	25	23	1.07	< 10	< 1	0.04	< 10	0.41	115	< 1
S07805	201 229	0.4	1.49	16	700	< 0.5	< 2	0.60	1.5	12	36	65	2.96	< 10	< 1	0.18	10	0.68	280	3
S07806	201 229	1.0	0.73	44	140	< 0.5	< 2	6.72	3.0	14	21	26	3.65	< 10	< 1	0.01	10	0.21	1300	< 1
S07807	201 229	0.6	1.40	44	150	< 0.5	< 2	2.12	5.5	17	51	18	4.59	< 10	< 1	0.04	20	0.41	1620	< 1
S07808	201 229	1.8	0.57	6	70	< 0.5	< 2	0.80	2.5	2	13	9	1.11	< 10	< 1	0.01	< 10	0.14	255	< 1
S07809	201 229	1.4	1.07	24	140	< 0.5	< 2	0.35	6.0	10	50	19	3.01	< 10	< 1	0.03	10	0.56	590	< 1
S07810	201 229	< 0.2	1.36	20	230	< 0.5	< 2	0.19	1.0	13	81	15	3.65	< 10	< 1	0.03	10	0.72	450	1
S07811	201 229	< 0.2	1.31	18	330	< 0.5	< 2	0.20	< 0.5	11	56	17	2.92	< 10	< 1	0.02	10	0.61	415	1
S07812	201 229	0.2	0.93	8	480	< 0.5	< 2	0.66	0.5	9	40	18	2.30	< 10	< 1	0.03	10	0.49	280	< 1
S07813	201 229	< 0.2	0.93	6	350	< 0.5	< 2	0.44	0.5	9	51	21	1.97	< 10	< 1	0.03	10	0.59	480	< 1
S07814	201 229	< 0.2	1.18	18	490	< 0.5	< 2	0.99	1.0	21	105	24	2.68	< 10	< 1	0.04	< 10	0.86	1110	1
S07815	201 229	< 0.2	0.89	18	170	< 0.5	< 2	0.44	< 0.5	10	50	19	2.07	< 10	< 1	0.05	10	0.50	350	< 1
S07816	201 229	< 0.2	1.25	8	320	< 0.5	< 2	0.69	0.5	10	53	29	2.24	< 10	< 1	0.08	10	0.72	395	1
S07817	201 229	< 0.2	0.98	14	320	< 0.5	< 2	0.44	< 0.5	9	42	20	1.90	< 10	< 1	0.05	10	0.48	335	< 1
S39280	201 229	0.2	0.99	24	310	< 0.5	< 2	0.72	1.5	12	57	20	2.85	< 10	< 1	0.03	10	0.66	715	< 1
S39281	201 229	0.4	1.35	32	250	< 0.5	< 2	0.58	2.0	11	73	20	3.85	< 10	< 1	0.03	20	0.68	580	1
S39282	201 229	< 0.2	1.37	16	220	< 0.5	< 2	0.27	6.0	11	52	15	3.36	< 10	< 1	0.02	10	0.49	715	1
S39283	201 229	0.4	1.06	30	300	< 0.5	< 2	1.22	0.5	20	59	31	3.53	< 10	< 1	0.03	20	0.56	825	1
S39284	201 229	< 0.2	0.90	34	270	< 0.5	< 2	1.53	0.5	12	55	31	3.43	< 10	< 1	0.03	10	0.54	1205	< 1
S39285	201 229	0.2	0.90	16	280	< 0.5	< 2	0.66	0.5	12	37	27	2.41	< 10	< 1	0.02	10	0.36	590	< 1
S39286	201 229	< 0.2	1.20	46	190	< 0.5	< 2	0.86	< 0.5	33	56	53	6.29	< 10	< 1	0.02	10	0.44	2050	2
S39287	201 229	< 0.2	1.17	24	200	< 0.5	< 2	0.34	< 0.5	16	45	35	3.57	< 10	< 1	0.04	20	0.48	665	1
S39288	201 229	< 0.2	1.16	64	330	< 0.5	< 2	0.87	3.5	38	83	85	7.13	< 10	< 1	0.04	20	0.61	2570	1
S39289	201 229	0.4	0.83	16	240	< 0.5	< 2	0.68	1.5	11	36	27	2.53	< 10	< 1	0.03	10	0.40	505	< 1
S39290	201 229	< 0.2	0.94	16	230	< 0.5	< 2	0.30	0.5	10	43	9	2.32	< 10	< 1	0.04	10	0.52	350	1
S39291	201 229	0.4	1.03	16	410	< 0.5	< 2	0.57	1.0	12	47	20	1.95	< 10	< 1	0.04	10	0.51	480	1
S39292	201 229	0.2	0.95	8	390	< 0.5	< 2	0.59	< 0.5	10	49	11	2.15	< 10	< 1	0.02	10	0.58	205	1
S39293	201 229	0.6	0.72	14	310	< 0.5	< 2	0.67	1.5	10	30	15	1.62	< 10	< 1	0.03	< 10	0.36	1045	1
S39294	201 229	< 0.2	1.22	16	320	< 0.5	< 2	0.27	< 0.5	10	47	10	2.38	< 10	< 1	0.05	10	0.57	395	1
S39295	201 229	0.6	0.99	6	710	< 0.5	< 2	0.48	0.5	13	32	16	1.91	< 10	< 1	0.05	10	0.28	825	1
S39296	201 229	< 0.2	0.92	14	510	< 0.5	< 2	0.36	< 0.5	10	34	15	2.32	< 10	< 1	0.03	10	0.45	410	1
S39297	201 229	0.4	1.00	12	770	< 0.5	< 2	0.73	0.5	8	24	21	1.97	< 10	< 1	0.07	< 10	0.30	520	< 1
S39298	201 229	0.2	0.91	14	560	< 0.5	< 2	0.73	< 0.5	11	36	24	2.28	< 10	< 1	0.04	10	0.34	510	1
S39299	201 229	< 0.2	1.09	16	450	< 0.5	< 2	0.53	< 0.5	11	43	30	2.33	< 10	< 1	0.07	10	0.58	430	1
S39300	201 229	< 0.2	0.99	14	290	< 0.5	< 2	0.78	0.5	9	26	27	2.11	< 10	< 1	0.09	10	0.50	335	1
S39301	201 229	0.4	1.37	28	470	< 0.5	< 2	0.71	0.5	16	48	66	2.70	< 10	< 1	0.10	20	0.77	615	1
S39302	201 229	0.4	1.40	24	590	< 0.5	< 2	0.98	< 0.5	15	47	57	2.61	< 10	< 1	0.08	10	0.80	470	1
S39303	201 229	< 0.2	0.88	24	280	< 0.5	< 2	0.41	0.5	11	72	15	2.93	< 10	< 1	0.07	10	0.51	350	1
T19147	201 229	0.2	1.28	30	320	< 0.5	< 2	0.55	1.0	14	81	31	3.31	< 10	< 1	0.10	20	0.93	1090	1

464

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CERTIFICATION: *Hart Beckler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Project : KP
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Page Number :3-B
 Total Pages :6
 Certificate Date: 21-SEP-9:
 Invoice No. : I9321048
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CERTIFICATE OF ANALYSIS

A9321048

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S07803	201 229	< 0.01	68	1100	14	2	3	35	0.02	< 10	< 10	32	< 10	90
S07804	201 229	0.02	22	890	8	< 2	1	86	< 0.01	< 10	< 10	20	< 10	76
S07805	201 229	0.01	53	1310	16	4	5	57	< 0.01	< 10	< 10	73	< 10	200
S07806	201 229	0.01	45	1050	378	2	3	298	< 0.01	< 10	< 10	21	< 10	1030
S07807	201 229	< 0.01	53	820	258	< 2	5	138	< 0.01	< 10	< 10	35	< 10	2120
S07808	201 229	0.04	11	400	312	< 2	< 1	48	0.01	< 10	< 10	14	< 10	1340
S07809	201 229	< 0.01	65	1070	1440	< 2	3	17	0.01	< 10	< 10	28	< 10	5120
S07810	201 229	< 0.01	65	610	88	2	3	13	0.01	< 10	< 10	41	< 10	590
S07811	201 229	< 0.01	59	460	78	< 2	2	12	0.01	< 10	< 10	32	< 10	494
S07812	201 229	< 0.01	35	780	34	< 2	2	42	0.01	< 10	< 10	28	< 10	304
S07813	201 229	< 0.01	55	750	18	2	2	29	0.01	< 10	< 10	27	< 10	112
S07814	201 229	0.01	66	840	16	< 2	2	66	0.02	< 10	< 10	38	< 10	162
S07815	201 229	< 0.01	38	830	16	< 2	2	29	0.01	< 10	< 10	28	< 10	120
S07816	201 229	0.01	50	750	12	2	3	43	0.02	< 10	< 10	40	< 10	92
S07817	201 229	< 0.01	42	990	10	2	2	31	0.01	< 10	< 10	36	< 10	74
S39280	201 229	< 0.01	63	1140	66	2	3	44	0.02	< 10	< 10	34	< 10	628
S39281	201 229	< 0.01	57	730	106	< 2	6	40	0.01	< 10	< 10	44	< 10	1160
S39282	201 229	< 0.01	35	440	474	< 2	3	20	0.01	< 10	< 10	45	< 10	3650
S39283	201 229	< 0.01	72	1310	40	2	4	68	0.01	< 10	< 10	28	< 10	376
S39284	201 229	0.01	60	780	28	2	3	81	0.01	< 10	< 10	27	< 10	248
S39285	201 229	< 0.01	38	580	26	< 2	2	44	< 0.01	< 10	< 10	21	< 10	334
S39286	201 229	< 0.01	120	1390	6	2	6	31	< 0.01	< 10	< 10	29	< 10	166
S39287	201 229	< 0.01	54	380	24	< 2	5	22	< 0.01	< 10	< 10	26	< 10	150
S39288	201 229	< 0.01	143	1620	22	< 2	7	47	< 0.01	< 10	< 10	31	< 10	968
S39289	201 229	< 0.01	41	850	74	< 2	2	38	0.01	< 10	< 10	23	< 10	676
S39290	201 229	< 0.01	33	550	34	< 2	2	18	0.01	< 10	< 10	32	< 10	284
S39291	201 229	0.01	48	650	20	< 2	2	34	0.01	< 10	< 10	31	< 10	312
S39292	201 229	< 0.01	37	810	18	2	2	34	0.01	< 10	< 10	28	< 10	88
S39293	201 229	0.01	23	560	68	2	1	41	0.01	< 10	< 10	24	< 10	196
S39294	201 229	< 0.01	30	410	12	2	2	17	0.01	< 10	< 10	35	< 10	98
S39295	201 229	0.01	30	490	18	2	1	34	0.01	< 10	< 10	33	< 10	96
S39296	201 229	< 0.01	34	610	8	< 2	2	23	0.01	< 10	< 10	30	< 10	192
S39297	201 229	0.01	26	580	10	2	2	49	< 0.01	< 10	< 10	38	< 10	130
S39298	201 229	< 0.01	36	370	14	4	2	40	0.01	< 10	< 10	32	< 10	70
S39299	201 229	< 0.01	44	1030	14	2	3	36	0.01	< 10	< 10	36	< 10	108
S39300	201 229	< 0.01	30	710	8	< 2	2	48	< 0.01	< 10	< 10	39	< 10	118
S39301	201 229	0.01	58	1000	12	2	4	48	0.01	< 10	< 10	48	< 10	122
S39302	201 229	< 0.01	59	930	6	4	4	64	0.01	< 10	< 10	46	< 10	94
S39303	201 229	0.01	48	300	12	< 2	2	27	0.02	< 10	< 10	39	< 10	74
T19147	201 229	0.01	101	810	28	< 2	5	38	0.03	< 10	< 10	48	< 10	606

CERTIFICATION

Paul Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

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CERTIFICATE OF ANALYSIS A9321048

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T19148	201 229	1.0	0.49	40	290	< 0.5	< 2	1.22	3.0	28	24	36	7.24	< 10	< 1	0.07	20	0.30	4840	1
T19149	201 229	1.2	0.35	22	150	< 0.5	< 2	11.45	4.0	13	26	24	4.70	< 10	< 1	0.04	10	0.44	2340	< 1
T19150	201 229	0.8	0.57	48	120	< 0.5	< 2	8.13	0.5	35	31	98	5.28	< 10	< 1	0.04	20	0.37	545	< 1
T19151	201 229	0.4	0.27	46	50	< 0.5	< 2	13.45	1.0	35	24	60	3.68	< 10	< 1	0.05	10	0.33	430	< 1
T19152	201 229	0.4	0.57	36	90	< 0.5	< 2	7.13	1.5	29	39	58	5.32	< 10	< 1	0.02	10	0.46	750	< 1
T19153	201 229	0.4	0.51	28	70	< 0.5	< 2	9.18	1.0	21	40	52	4.20	< 10	< 1	0.03	10	0.51	665	< 1
T19154	201 229	3.0	1.21	20	80	< 0.5	< 2	2.89	5.5	16	44	27	4.45	< 10	< 1	0.02	10	0.81	1110	< 1
T19155	201 229	< 0.2	0.56	28	140	< 0.5	< 2	0.71	3.5	24	20	18	5.72	< 10	< 1	0.03	10	0.29	2090	1
T19156	201 229	0.4	0.67	32	170	< 0.5	< 2	0.52	2.0	19	41	31	4.67	< 10	< 1	0.03	10	0.50	1550	1
T19157	201 229	10.0	0.20	70	60	< 0.5	< 2	1.91	15.5	52	16	71	6.56	< 10	< 1	0.03	10	0.16	1810	< 1
T19158	201 229	3.4	0.64	30	160	< 0.5	< 2	1.41	19.0	15	38	38	3.41	< 10	< 1	0.04	10	0.53	875	< 1
T19159	201 229	1.6	0.59	28	130	< 0.5	< 2	2.58	9.0	11	36	25	2.78	< 10	< 1	0.03	10	0.58	705	< 1
T19160	201 229	0.2	1.11	30	380	< 0.5	< 2	1.79	2.0	14	55	37	3.15	< 10	< 1	0.05	20	0.80	755	1
T19161	201 229	0.4	0.96	18	290	< 0.5	< 2	2.39	3.5	13	55	30	2.96	< 10	< 1	0.07	10	0.86	765	1
T19162	201 229	0.2	0.88	20	420	< 0.5	< 2	2.51	3.0	11	41	31	2.54	< 10	< 1	0.07	20	0.96	495	2
T19163	201 229	6.8	0.27	16	160	< 0.5	< 2	1.80	31.5	12	17	24	2.92	< 10	< 1	0.05	10	0.21	1275	1
T19164	201 229	0.2	1.10	24	310	< 0.5	< 2	0.97	1.0	15	86	31	3.33	< 10	< 1	0.06	20	1.07	470	< 1
T19165	201 229	0.2	1.04	26	240	< 0.5	< 2	1.23	1.0	11	66	29	2.67	< 10	1	0.08	20	1.00	450	1
T19166	201 229	0.2	0.90	24	190	< 0.5	< 2	1.37	1.5	12	70	28	2.68	< 10	< 1	0.06	10	0.95	485	1
T19167	201 229	0.2	1.22	18	250	< 0.5	< 2	1.88	2.5	14	62	37	3.05	< 10	< 1	0.10	10	1.03	570	1
T19168	201 229	< 0.2	1.16	18	310	< 0.5	< 2	2.19	3.0	13	40	37	2.83	< 10	< 1	0.11	10	0.69	645	1
T19169	201 229	0.2	1.12	18	250	< 0.5	< 2	1.18	1.0	15	39	37	3.31	< 10	< 1	0.11	20	0.61	845	1
T19170	201 229	0.4	0.43	16	130	< 0.5	< 2	0.28	3.0	19	23	38	3.78	< 10	< 1	0.04	10	0.25	705	< 1
T19171	201 229	< 0.2	0.49	18	130	< 0.5	< 2	1.94	1.0	17	33	37	3.93	< 10	< 1	0.04	10	0.36	875	< 1
T19172	201 229	< 0.2	0.85	18	160	< 0.5	2	1.45	1.0	18	42	35	4.12	< 10	< 1	0.06	10	0.52	575	< 1
T19173	201 229	< 0.2	0.74	24	90	< 0.5	< 2	0.52	0.5	17	24	35	4.52	< 10	< 1	0.06	< 10	0.34	290	< 1
T19174	201 229	0.2	1.00	20	360	< 0.5	< 2	0.39	< 0.5	12	49	36	3.02	< 10	< 1	0.06	10	0.57	475	< 1
T19175	201 229	< 0.2	1.35	22	340	< 0.5	< 2	0.93	0.5	14	60	40	3.21	< 10	< 1	0.13	20	0.86	575	< 1
T19176	201 229	< 0.2	0.63	16	150	< 0.5	< 2	1.32	0.5	21	41	45	4.19	< 10	< 1	0.06	20	0.46	655	< 1
T19177	201 229	< 0.2	0.29	12	50	< 0.5	< 2	0.87	< 0.5	16	23	83	3.45	< 10	2	0.09	20	0.98	540	< 1
T19178	201 229	< 0.2	0.34	< 2	80	< 0.5	< 2	0.51	< 0.5	8	15	17	2.85	< 10	< 1	0.09	10	0.74	295	< 1
T19179	201 229	< 0.2	0.24	4	40	< 0.5	2	0.88	< 0.5	6	18	9	2.20	< 10	< 1	0.07	10	0.61	405	< 1
T19180	201 229	0.2	1.04	22	300	< 0.5	< 2	0.66	1.0	13	64	38	2.75	< 10	< 1	0.09	10	0.81	460	< 1
T19181	201 229	0.2	0.53	14	130	< 0.5	< 2	0.86	1.0	17	35	35	3.60	< 10	< 1	0.05	10	0.40	680	< 1
T19182	201 229	0.2	0.34	20	120	< 0.5	< 2	0.99	8.5	21	23	38	4.39	< 10	< 1	0.04	10	0.25	975	< 1
T19183	201 229	0.2	0.35	8	110	< 0.5	< 2	0.72	1.0	13	19	28	2.78	< 10	< 1	0.07	10	0.43	390	1
T19184	201 229	0.2	0.93	14	340	< 0.5	< 2	0.50	1.0	12	59	33	2.70	< 10	< 1	0.06	10	0.74	490	1
T19185	201 229	0.4	0.64	24	150	< 0.5	< 2	1.07	2.0	17	42	39	4.12	< 10	< 1	0.05	10	0.40	755	1
T19186	201 229	0.2	0.50	18	120	< 0.5	< 2	1.72	0.5	13	33	29	3.18	< 10	< 1	0.04	10	0.39	575	< 1
T19187	201 229	< 0.2	0.28	16	90	< 0.5	< 2	1.28	0.5	17	18	22	3.30	< 10	< 1	0.07	10	0.57	1210	< 1

CERTIFICATION: *Hart Bichler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS

A9321048

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T19148	201 229	< 0.01	70	1790	256	< 2	6	36	< 0.01	< 10	< 10	21	10	1850
T19149	201 229	< 0.01	39	1080	288	< 2	3	255	< 0.01	< 10	< 10	13	30	2420
T19150	201 229	< 0.01	118	1560	32	2	4	252	< 0.01	< 10	< 10	17	20	384
T19151	201 229	< 0.01	81	1230	50	4	4	566	< 0.01	< 10	< 10	10	20	392
T19152	201 229	< 0.01	101	1500	68	6	4	287	< 0.01	< 10	< 10	18	20	636
T19153	201 229	< 0.01	88	1440	54	4	3	350	< 0.01	< 10	< 10	17	20	526
T19154	201 229	< 0.01	44	1510	774	< 2	5	103	< 0.01	< 10	< 10	39	10	3300
T19155	201 229	< 0.01	43	1530	136	< 2	5	40	< 0.01	< 10	< 10	21	< 10	2200
T19156	201 229	< 0.01	78	930	208	2	4	23	< 0.01	< 10	< 10	28	< 10	1835
T19157	201 229	< 0.01	116	1640	3110	< 2	3	43	< 0.01	< 10	< 10	9	20	7350
T19158	201 229	< 0.01	56	1070	2330	< 2	3	46	< 0.01	< 10	< 10	21	20	7530
T19159	201 229	< 0.01	43	1110	1175	< 2	2	108	0.01	< 10	< 10	21	10	3950
T19160	201 229	< 0.01	65	880	90	< 2	4	76	0.02	< 10	< 10	35	< 10	942
T19161	201 229	< 0.01	54	970	238	< 2	3	83	0.02	< 10	< 10	31	10	1370
T19162	201 229	< 0.01	46	1050	146	< 2	3	72	0.02	< 10	< 10	32	10	1555
T19163	201 229	< 0.01	26	370	2270	< 2	2	25	< 0.01	< 10	< 10	8	20	9100
T19164	201 229	< 0.01	91	1200	78	4	5	37	0.02	< 10	< 10	41	< 10	452
T19165	201 229	< 0.01	71	960	184	2	3	43	0.03	< 10	< 10	33	< 10	610
T19166	201 229	< 0.01	74	970	104	< 2	3	53	0.02	< 10	< 10	29	< 10	836
T19167	201 229	< 0.01	67	990	104	< 2	4	81	0.02	< 10	< 10	36	10	1195
T19168	201 229	< 0.01	44	1010	42	< 2	3	76	0.01	< 10	< 10	32	10	1425
T19169	201 229	< 0.01	43	870	48	2	3	43	< 0.01	< 10	< 10	27	< 10	480
T19170	201 229	< 0.01	46	670	62	< 2	2	15	< 0.01	< 10	< 10	11	< 10	1440
T19171	201 229	< 0.01	51	880	40	2	3	43	< 0.01	< 10	< 10	15	< 10	468
T19172	201 229	< 0.01	57	1060	44	4	3	39	< 0.01	< 10	< 10	26	< 10	876
T19173	201 229	< 0.01	57	670	48	< 2	3	15	< 0.01	< 10	< 10	15	< 10	1470
T19174	201 229	< 0.01	63	760	26	< 2	3	25	0.01	< 10	< 10	27	< 10	206
T19175	201 229	< 0.01	68	850	34	4	4	43	0.02	< 10	< 10	38	< 10	218
T19176	201 229	< 0.01	56	1000	36	2	3	43	< 0.01	< 10	< 10	20	< 10	296
T19177	201 229	< 0.01	47	1170	14	2	3	50	< 0.01	< 10	< 10	11	< 10	92
T19178	201 229	< 0.01	37	510	14	< 2	2	29	< 0.01	< 10	< 10	7	< 10	124
T19179	201 229	< 0.01	19	360	6	< 2	1	47	< 0.01	< 10	< 10	5	< 10	74
T19180	201 229	< 0.01	87	960	44	4	3	38	0.01	< 10	< 10	38	< 10	242
T19181	201 229	< 0.01	52	740	88	< 2	2	25	< 0.01	< 10	< 10	15	< 10	454
T19182	201 229	< 0.01	41	900	166	< 2	3	27	< 0.01	< 10	< 10	11	10	1805
T19183	201 229	< 0.01	43	650	34	2	2	31	< 0.01	< 10	< 10	9	< 10	304
T19184	201 229	< 0.01	90	980	64	< 2	3	31	0.01	< 10	< 10	33	< 10	240
T19185	201 229	< 0.01	47	900	166	< 2	3	42	< 0.01	< 10	< 10	19	10	770
T19186	201 229	< 0.01	42	830	86	< 2	2	63	< 0.01	< 10	< 10	17	10	346
T19187	201 229	< 0.01	40	520	28	2	2	43	< 0.01	< 10	< 10	8	10	250

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Project: KP
 Comments:

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CERTIFICATE OF ANALYSIS A9321048

SAMPLE	FREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T19188	201 229	< 0.2	0.32	16	60	< 0.5	< 2	0.80	< 0.5	14	26	31	3.06	< 10	< 1	0.09	10	0.59	610	< 1
T19189	201 229	< 0.2	0.94	8	300	< 0.5	< 2	0.35	< 0.5	12	56	21	2.39	< 10	1	0.04	10	0.60	340	< 1
T19190	201 229	0.2	0.53	14	140	< 0.5	< 2	0.55	2.0	16	38	35	3.82	< 10	< 1	0.05	10	0.42	645	< 1
T19191	201 229	0.2	0.66	18	160	< 0.5	< 2	1.23	1.5	17	34	42	4.39	< 10	< 1	0.08	10	0.35	545	< 1
T19192	201 229	0.2	0.67	14	200	< 0.5	< 2	0.46	< 0.5	13	33	32	3.16	< 10	< 1	0.06	10	0.41	660	< 1
T19193	201 229	0.2	0.62	22	190	< 0.5	< 2	1.26	< 0.5	12	43	34	3.03	< 10	< 1	0.06	10	0.56	630	< 1
T19194	201 229	< 0.2	0.42	10	150	< 0.5	< 2	1.00	0.5	15	31	32	4.03	< 10	< 1	0.06	10	0.35	750	< 1
T19195	201 229	0.4	0.18	6	180	< 0.5	2	0.37	1.0	41	12	67	9.00	< 10	< 1	0.06	< 10	0.08	805	1
T19196	201 229	< 0.2	0.65	8	160	< 0.5	< 2	0.64	0.5	13	33	33	3.03	< 10	< 1	0.04	< 10	0.47	510	1
T19197	201 229	< 0.2	0.55	12	110	< 0.5	< 2	1.23	< 0.5	12	32	30	2.87	< 10	< 1	0.04	< 10	0.42	575	< 1
T19198	201 229	< 0.2	0.86	18	290	< 0.5	< 2	1.35	0.5	13	54	32	2.73	< 10	< 1	0.07	10	0.74	595	< 1
T19199	201 229	< 0.2	1.09	16	220	< 0.5	< 2	1.62	1.0	16	75	35	3.15	< 10	< 1	0.08	10	0.99	650	< 1
T39551	201 229	< 0.2	1.03	42	380	< 0.5	< 2	0.39	0.5	11	72	35	2.49	< 10	< 1	0.05	10	0.85	670	1
T39552	201 229	< 0.2	0.85	18	250	< 0.5	< 2	0.90	< 0.5	11	53	23	2.25	< 10	< 1	0.05	10	0.75	465	< 1
T39553	201 229	0.2	0.80	12	280	< 0.5	< 2	1.34	0.5	10	56	25	2.12	< 10	< 1	0.06	10	0.85	405	< 1
T39554	201 229	< 0.2	0.90	24	220	< 0.5	< 2	1.74	0.5	11	82	29	2.39	< 10	< 1	0.07	10	1.12	505	1
T39555	201 229	< 0.2	0.98	14	220	< 0.5	< 2	1.52	0.5	13	81	30	2.43	< 10	< 1	0.08	10	1.09	500	< 1
T39556	201 229	< 0.2	0.52	8	120	< 0.5	< 2	1.65	0.5	7	45	16	2.46	< 10	< 1	0.09	10	0.32	765	< 1
T39557	201 229	< 0.2	0.92	14	250	< 0.5	< 2	0.31	< 0.5	10	65	15	2.02	< 10	1	0.04	10	0.74	245	< 1
T39558	201 229	0.2	1.11	22	480	< 0.5	< 2	1.71	1.0	12	72	42	2.49	< 10	< 1	0.12	10	1.07	470	1
T39559	201 229	< 0.2	0.81	24	220	< 0.5	< 2	1.60	0.5	13	87	29	2.36	< 10	< 1	0.06	10	1.10	485	1
T39560	201 229	0.2	0.95	20	190	< 0.5	< 2	1.38	1.0	16	91	34	2.95	< 10	< 1	0.07	10	1.18	570	< 1
T39561	201 229	1.2	0.56	12	130	< 0.5	< 2	1.85	3.5	14	35	37	3.82	< 10	< 1	0.06	10	0.45	1070	1
T39562	201 229	< 0.2	1.08	24	360	< 0.5	< 2	0.43	< 0.5	12	64	32	2.54	< 10	< 1	0.06	10	0.83	470	1
T39563	201 229	< 0.2	0.78	26	210	< 0.5	< 2	1.53	0.5	12	82	28	2.41	< 10	< 1	0.06	10	1.09	475	< 1
T39564	201 229	< 0.2	0.45	12	90	< 0.5	< 2	2.01	< 0.5	9	26	16	2.38	< 10	< 1	0.05	< 10	0.28	595	< 1
T39565	201 229	0.2	0.74	18	190	< 0.5	< 2	0.38	< 0.5	10	72	15	2.14	< 10	< 1	0.07	20	0.66	300	< 1
T39566	201 229	0.2	0.73	20	130	< 0.5	< 2	1.01	0.5	23	26	39	4.80	10	< 1	0.12	30	0.36	885	1
T39567	201 229	0.2	1.56	4	70	< 0.5	< 2	1.22	< 0.5	17	35	48	4.55	10	< 1	0.12	20	0.78	595	1
T39568	201 229	0.2	1.05	20	370	< 0.5	< 2	1.19	1.0	13	80	41	2.68	< 10	< 1	0.12	10	1.17	560	1
T39569	201 229	< 0.2	0.35	6	30	< 0.5	< 2	0.89	< 0.5	8	13	21	2.10	< 10	< 1	0.14	10	0.46	410	< 1
T39570	201 229	< 0.2	1.11	18	360	< 0.5	< 2	0.45	0.5	13	90	37	2.50	< 10	< 1	0.08	10	1.04	380	1
T39571	201 229	< 0.2	0.96	30	210	< 0.5	< 2	1.70	0.5	12	95	38	2.64	< 10	< 1	0.07	10	1.21	550	< 1
T39572	201 229	0.2	0.93	18	270	< 0.5	< 2	0.39	< 0.5	11	75	18	2.17	< 10	< 1	0.04	10	0.78	275	1
T39573	201 229	< 0.2	1.19	16	140	< 0.5	< 2	0.52	< 0.5	14	38	47	3.62	< 10	< 1	0.08	10	0.76	380	< 1
T39574	201 229	0.2	1.26	12	110	< 0.5	< 2	0.94	0.5	19	30	47	3.99	< 10	< 1	0.06	10	0.65	570	< 1
T39575	201 229	0.2	1.83	28	70	< 0.5	< 2	0.64	< 0.5	22	41	58	5.92	10	< 1	0.08	10	0.92	930	< 1
T39576	201 229	0.2	1.25	20	470	< 0.5	< 2	0.64	0.5	11	83	37	2.27	< 10	< 1	0.11	10	0.83	340	1
T39577	201 229	0.4	1.47	6	550	< 0.5	< 2	0.50	1.0	10	60	45	2.64	< 10	< 1	0.17	20	0.77	375	2
T39578	201 229	0.2	0.95	8	230	< 0.5	< 2	1.04	< 0.5	12	28	38	3.18	< 10	< 1	0.10	20	0.54	510	< 1

CERTIFICATION:

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P.O. BOX 4127
WHITEHORSE, YT
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Invoice No. :I9321048
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CERTIFICATE OF ANALYSIS A9321048

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T19188	201 229	< 0.01	40	680	26	< 2	2	42	< 0.01	< 10	< 10	8	< 10	180
T19189	201 229	< 0.01	66	500	16	< 2	3	18	0.02	< 10	< 10	28	< 10	114
T19190	201 229	< 0.01	53	980	98	< 2	3	24	< 0.01	< 10	< 10	18	10	658
T19191	201 229	< 0.01	47	750	106	2	3	66	< 0.01	< 10	< 10	18	10	614
T19192	201 229	< 0.01	51	680	20	< 2	2	20	< 0.01	< 10	< 10	16	< 10	92
T19193	201 229	< 0.01	56	780	22	2	2	42	< 0.01	< 10	< 10	18	10	98
T19194	201 229	< 0.01	46	750	22	2	2	28	< 0.01	< 10	< 10	13	< 10	190
T19195	201 229	0.01	32	1860	96	2	3	36	< 0.01	< 10	< 10	8	10	306
T19196	201 229	< 0.01	56	640	20	< 2	2	20	< 0.01	< 10	< 10	13	< 10	100
T19197	201 229	< 0.01	43	680	20	< 2	1	31	< 0.01	< 10	< 10	11	< 10	92
T19198	201 229	< 0.01	65	780	26	< 2	2	47	0.01	< 10	< 10	20	10	108
T19199	201 229	< 0.01	80	840	48	< 2	4	55	0.02	< 10	< 10	32	10	446
T39551	201 229	< 0.01	107	720	12	2	4	23	0.02	< 10	< 10	34	< 10	94
T39552	201 229	< 0.01	57	890	22	2	3	36	0.02	< 10	< 10	29	< 10	108
T39553	201 229	< 0.01	53	910	18	< 2	2	45	0.02	< 10	< 10	27	< 10	100
T39554	201 229	< 0.01	89	850	40	2	3	60	0.03	< 10	< 10	29	10	212
T39555	201 229	< 0.01	88	830	26	2	3	52	0.03	< 10	< 10	31	10	216
T39556	201 229	0.01	34	350	24	2	2	22	< 0.01	< 10	< 10	9	< 10	538
T39557	201 229	< 0.01	59	530	6	2	2	20	0.03	< 10	< 10	35	< 10	96
T39558	201 229	0.01	81	1060	14	2	3	73	0.02	< 10	< 10	45	10	152
T39559	201 229	< 0.01	108	810	30	2	3	57	0.02	< 10	< 10	27	10	174
T39560	201 229	< 0.01	130	750	96	< 2	3	53	0.02	< 10	< 10	30	10	410
T39561	201 229	< 0.01	51	770	424	< 2	2	67	< 0.01	< 10	< 10	16	10	1620
T39562	201 229	< 0.01	82	940	24	2	3	29	0.01	< 10	< 10	41	< 10	166
T39563	201 229	< 0.01	90	860	34	2	3	63	0.02	< 10	< 10	27	< 10	202
T39564	201 229	0.01	26	380	38	< 2	1	30	< 0.01	< 10	< 10	8	< 10	196
T39565	201 229	< 0.01	65	900	30	2	2	24	0.02	< 10	< 10	30	< 10	132
T39566	201 229	< 0.01	43	1590	40	< 2	4	39	< 0.01	< 10	< 10	21	10	140
T39567	201 229	< 0.01	36	800	18	2	3	36	< 0.01	< 10	< 10	25	10	102
T39568	201 229	0.01	101	1030	18	2	4	58	0.03	< 10	< 10	48	10	150
T39569	201 229	< 0.01	21	560	8	2	1	50	< 0.01	< 10	< 10	4	< 10	42
T39570	201 229	< 0.01	133	880	8	2	4	29	0.03	< 10	< 10	41	< 10	92
T39571	201 229	0.01	104	660	24	< 2	3	60	0.04	< 10	< 10	31	< 10	106
T39572	201 229	< 0.01	78	690	10	< 2	2	26	0.03	< 10	< 10	33	< 10	80
T39573	201 229	< 0.01	62	540	24	2	2	34	< 0.01	< 10	< 10	14	< 10	120
T39574	201 229	< 0.01	47	580	24	< 2	2	33	< 0.01	< 10	< 10	11	10	94
T39575	201 229	< 0.01	52	550	44	< 2	3	19	< 0.01	< 10	< 10	15	10	116
T39576	201 229	0.02	107	700	2	2	3	41	0.02	< 10	< 10	48	10	106
T39577	201 229	0.01	83	1050	14	2	4	41	0.01	< 10	< 10	67	< 10	144
T39578	201 229	< 0.01	42	780	12	< 2	2	33	< 0.01	< 10	< 10	23	10	98

CERTIFICATION: *Hart Bickler*



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 British Columbia, Canada V7J 2C1
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 Y1A 3S9

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CERTIFICATE OF ANALYSIS A9321048

SAMPLE	PREP CODE		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
T39579	201	229	0.2	0.55	4	100	< 0.5	< 2	0.43	< 0.5	14	13	46	3.30	< 10	< 1	0.09	20	0.25	550	< 1
T39580	201	229	0.2	0.57	12	60	< 0.5	< 2	0.18	< 0.5	24	10	60	4.48	< 10	< 1	0.08	10	0.23	575	< 1
T39581	201	229	< 0.2	0.51	20	80	< 0.5	< 2	0.35	< 0.5	17	12	51	4.64	< 10	< 1	0.12	10	0.27	820	< 1
T39582	201	229	0.2	1.35	22	730	< 0.5	< 2	0.52	1.0	13	42	50	2.91	< 10	< 1	0.15	10	0.70	410	2
T39583	201	229	0.2	1.30	14	460	< 0.5	< 2	0.84	1.0	12	58	45	2.80	< 10	< 1	0.15	10	0.90	495	2
T39584	201	229	0.2	1.08	14	380	< 0.5	< 2	1.32	0.5	12	54	34	2.45	< 10	< 1	0.12	10	0.81	495	1
T39585	201	229	0.2	0.89	14	190	< 0.5	2	1.65	1.0	11	43	29	2.69	< 10	< 1	0.12	20	0.55	585	< 1
T39586	201	229	< 0.2	1.08	12	240	< 0.5	< 2	1.63	0.5	10	53	29	2.52	< 10	< 1	0.13	20	0.69	460	< 1
T39587	201	229	< 0.2	0.56	8	140	< 0.5	< 2	1.26	< 0.5	8	38	19	2.22	< 10	< 1	0.10	10	0.30	515	1
T39588	201	229	< 0.2	0.31	4	90	< 0.5	< 2	0.88	< 0.5	8	27	14	2.13	< 10	< 1	0.08	10	0.15	645	1
T39589	201	229	< 0.2	0.42	6	100	< 0.5	< 2	0.98	< 0.5	7	36	17	1.77	< 10	< 1	0.16	20	0.13	440	1
T39590	201	229	0.2	0.96	20	280	< 0.5	< 2	1.91	0.5	13	109	29	2.43	< 10	< 1	0.06	10	2.01	450	< 1
T39591	201	229	0.2	1.19	28	360	< 0.5	< 2	0.75	1.0	15	109	38	2.84	< 10	< 1	0.10	20	1.29	485	1
T39592	201	229	0.2	1.11	20	370	< 0.5	< 2	0.82	1.0	14	93	37	2.69	< 10	< 1	0.11	20	1.08	490	1
T39593	201	229	0.2	1.08	26	670	< 0.5	< 2	1.68	1.5	14	86	37	2.82	< 10	< 1	0.11	10	1.13	530	1
T39594	201	229	0.2	1.07	18	390	< 0.5	< 2	1.26	1.5	13	83	38	2.67	< 10	< 1	0.11	10	1.09	490	1
T39595	201	229	< 0.2	2.47	6	1300	< 0.5	< 2	3.60	1.0	20	111	74	5.08	< 10	< 1	0.96	10	2.31	905	1
T39596	201	229	< 0.2	1.52	46	330	< 0.5	< 2	0.43	0.5	18	123	28	3.71	< 10	< 1	0.11	10	1.30	920	2
T39597	201	229	0.2	1.41	24	670	< 0.5	< 2	1.22	1.5	13	58	50	3.01	< 10	< 1	0.18	10	0.86	635	2
T39598	201	229	0.2	1.25	24	210	< 0.5	< 2	1.55	0.5	13	105	33	2.53	< 10	< 1	0.13	20	1.21	520	< 1

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 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

to: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Project : KP
 Comments:

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CERTIFICATE OF ANALYSIS

A9321048

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T39579	201 229	< 0.01	42	710	6	2	1	16	< 0.01	< 10	< 10	7	< 10	42
T39580	201 229	< 0.01	50	590	12	< 2	1	12	< 0.01	< 10	< 10	3	< 10	32
T39581	201 229	< 0.01	40	600	6	< 2	1	16	< 0.01	< 10	< 10	6	< 10	46
T39582	201 229	0.01	65	1250	14	2	4	50	0.01	< 10	< 10	60	10	184
T39583	201 229	0.01	66	1070	20	2	4	48	0.02	< 10	< 10	50	10	168
T39584	201 229	0.01	57	980	20	2	3	61	0.02	< 10	< 10	41	10	144
T39585	201 229	0.01	37	830	50	< 2	3	62	0.02	< 10	< 10	26	10	410
T39586	201 229	0.01	39	810	24	< 2	3	66	0.03	< 10	< 10	35	< 10	190
T39587	201 229	0.01	24	480	12	4	2	29	0.01	< 10	< 10	16	< 10	92
T39588	201 229	< 0.01	19	340	8	2	1	16	< 0.01	< 10	< 10	8	< 10	56
T39589	201 229	0.01	18	330	4	2	1	16	< 0.01	< 10	< 10	7	< 10	44
T39590	201 229	< 0.01	110	870	20	2	3	36	0.03	< 10	< 10	36	10	138
T39591	201 229	< 0.01	135	940	48	2	4	39	0.03	< 10	< 10	44	10	326
T39592	201 229	< 0.01	104	1090	80	2	4	45	0.03	< 10	< 10	46	10	424
T39593	201 229	0.01	87	880	122	< 2	4	83	0.04	< 10	< 10	39	10	620
T39594	201 229	0.01	89	1030	104	< 2	4	62	0.04	< 10	< 10	45	10	520
T39595	201 229	0.02	55	600	26	< 2	19	210	0.38	< 10	< 10	158	30	242
T39596	201 229	0.01	95	980	46	2	5	33	0.04	< 10	< 10	51	10	198
T39597	201 229	0.01	59	1230	20	4	4	68	0.01	< 10	< 10	65	10	192
T39598	201 229	0.01	89	770	16	< 2	4	62	0.06	< 10	< 10	36	10	86

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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CERTIFICATE OF ANALYSIS

A9321050

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
S07601	201 229	< 0.2	0.84	12	360	< 0.5	< 2	1.02	1.0	11	60	18	3.70	< 10	< 1	0.06	10	0.65	1315	< 1
S07602	201 229	< 0.2	0.73	16	760	< 0.5	< 2	1.43	2.0	14	43	16	7.97	< 10	< 1	0.08	10	0.46	2820	< 1
S07603	201 229	0.2	0.84	< 2	260	< 0.5	< 2	0.69	1.0	8	51	16	1.57	< 10	< 1	0.06	10	0.56	125	< 1
S07604	201 229	< 0.2	0.71	12	410	< 0.5	< 2	0.88	1.0	14	46	15	3.72	< 10	< 1	0.08	10	0.51	2130	< 1
S07605	201 229	< 0.2	0.75	12	510	< 0.5	< 2	0.95	1.0	13	52	14	4.08	< 10	< 1	0.08	20	0.54	2590	< 1
S07701	201 229	< 0.2	1.38	20	350	< 0.5	< 2	0.86	1.0	16	79	23	3.56	10	< 1	0.08	20	0.81	980	1
S07702	201 229	0.4	1.26	22	390	< 0.5	< 2	4.06	3.0	16	82	39	3.09	< 10	< 1	0.15	10	1.13	885	< 1
S07703	201 229	0.2	1.21	22	350	< 0.5	< 2	0.77	2.0	17	69	33	3.56	< 10	< 1	0.06	20	0.76	675	< 1
S07704	201 229	0.2	1.93	22	290	< 0.5	< 2	0.73	0.5	18	139	50	4.55	10	< 1	0.07	20	1.74	535	< 1
S07705	201 229	< 0.2	1.26	20	330	< 0.5	< 2	0.66	1.0	20	60	40	4.04	< 10	< 1	0.06	20	0.60	1280	< 1
S07706	201 229	< 0.2	1.39	14	340	< 0.5	< 2	0.48	0.5	15	79	30	3.63	< 10	< 1	0.06	20	0.78	595	< 1
S07707	201 229	< 0.2	1.16	16	360	< 0.5	< 2	0.80	0.5	12	46	22	2.94	< 10	< 1	0.06	20	0.49	270	< 1
S07708	201 229	< 0.2	0.94	10	200	< 0.5	2	0.49	0.5	13	39	49	3.48	< 10	< 1	0.06	20	0.42	500	< 1
S07709	201 229	< 0.2	1.05	14	210	< 0.5	< 2	0.36	< 0.5	13	58	14	2.81	< 10	< 1	0.06	20	0.62	400	< 1
S07710	201 229	< 0.2	0.54	8	130	< 0.5	< 2	0.35	0.5	7	24	17	1.41	< 10	< 1	0.03	10	0.25	225	1
S07711	201 229	< 0.2	0.98	14	230	< 0.5	< 2	0.86	5.5	39	54	75	5.47	< 10	< 1	0.04	20	0.56	1130	1
S07712	201 229	1.2	1.18	46	530	< 0.5	< 2	1.80	15.5	19	63	44	8.81	10	< 1	0.04	20	0.88	6660	< 1
S07713	201 229	< 0.2	2.00	22	240	< 0.5	< 2	0.88	1.0	26	144	39	5.90	10	< 1	0.04	20	1.66	1075	< 1
S07714	201 229	< 0.2	1.25	10	210	< 0.5	< 2	1.30	0.5	15	99	30	3.40	< 10	< 1	0.03	10	0.86	850	1
S07715	201 229	< 0.2	1.06	26	190	< 0.5	< 2	1.40	0.5	18	43	43	4.72	< 10	< 1	0.05	20	0.49	755	< 1
S07716	201 229	< 0.2	1.69	16	350	< 0.5	< 2	0.77	0.5	21	114	36	4.75	10	< 1	0.05	20	1.03	1245	< 1
S07717	201 229	< 0.2	2.05	4	250	< 0.5	< 2	0.74	0.5	24	92	46	5.14	10	< 1	0.11	30	1.31	790	< 1
S07718	201 229	< 0.2	1.13	16	270	< 0.5	2	1.12	1.0	19	57	25	3.32	< 10	< 1	0.10	20	0.66	1235	< 1
S07719	201 229	< 0.2	1.36	22	280	< 0.5	< 2	0.72	0.5	17	57	31	4.30	10	< 1	0.09	20	0.69	925	< 1
S07720	201 229	< 0.2	1.11	12	180	< 0.5	< 2	0.57	0.5	12	54	25	2.92	< 10	1	0.11	20	0.54	390	< 1
S07721	201 229	< 0.2	0.99	2	260	< 0.5	< 2	0.87	1.0	9	31	17	1.74	< 10	< 1	0.04	10	0.30	490	< 1
S07722	201 229	< 0.2	0.85	12	230	< 0.5	2	0.43	0.5	14	43	24	3.06	< 10	< 1	0.06	20	0.31	725	< 1
S07723	201 229	< 0.2	0.88	12	230	< 0.5	< 2	1.03	1.0	11	47	23	2.24	< 10	< 1	0.08	10	0.46	545	< 1
S07724	201 229	< 0.2	1.05	2	300	< 0.5	< 2	0.39	< 0.5	8	43	8	2.29	< 10	< 1	0.09	20	0.36	205	< 1
S07725	201 229	< 0.2	0.93	16	310	< 0.5	< 2	1.03	0.5	16	29	32	2.32	< 10	< 1	0.09	10	0.27	880	< 1
S07726	201 229	< 0.2	0.88	18	400	< 0.5	< 2	0.53	< 0.5	10	32	18	1.96	< 10	< 1	0.07	10	0.29	435	1
S07727	201 229	< 0.2	0.86	12	230	< 0.5	< 2	0.26	< 0.5	7	36	13	1.79	< 10	< 1	0.09	10	0.35	190	< 1
S07728	201 229	< 0.2	0.61	6	170	< 0.5	< 2	0.10	< 0.5	4	31	6	1.63	< 10	< 1	0.11	20	0.19	120	1
S07729	201 229	< 0.2	1.12	6	290	< 0.5	< 2	0.23	< 0.5	9	34	9	2.65	< 10	< 1	0.11	20	0.48	395	< 1
S07730	201 229	< 0.2	1.06	6	180	< 0.5	2	0.22	< 0.5	8	18	25	3.31	10	< 1	0.15	50	0.38	355	< 1
S07731	201 229	< 0.2	1.10	10	370	< 0.5	< 2	1.29	0.5	13	78	30	2.80	< 10	< 1	0.06	10	0.66	610	< 1
S07732	201 229	0.2	1.11	36	230	< 0.5	< 2	1.13	1.0	12	50	25	3.11	< 10	< 1	0.08	20	0.48	855	< 1
S07733	201 229	0.4	1.05	14	240	< 0.5	< 2	0.21	8.5	12	29	24	7.39	< 10	< 1	0.02	20	0.17	3790	1
S07734	201 229	1.2	0.91	40	160	< 0.5	< 2	1.86	6.5	23	54	32	4.42	< 10	< 1	0.06	20	0.60	1110	< 1
S07735	201 229	0.2	0.99	22	170	< 0.5	< 2	0.91	0.5	32	35	68	7.13	10	< 1	0.02	30	0.29	910	< 1

CERTIFICATION:

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CERTIFICATE OF ANALYSIS

A9321050

SAMPLE	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
S07601	201	229	0.01	50	1230	40	< 2	3	61	0.02	< 10	< 10	32	10	294
S07602	201	229	0.01	43	1060	20	< 2	3	106	0.01	< 10	< 10	28	10	336
S07603	201	229	< 0.01	47	1050	42	< 2	2	40	0.02	< 10	< 10	31	< 10	332
S07604	201	229	< 0.01	44	1250	24	< 2	3	57	0.02	< 10	< 10	29	< 10	218
S07605	201	229	0.01	44	1300	22	< 2	3	63	0.02	< 10	< 10	31	10	254
S07701	201	229	0.01	52	1120	92	< 2	4	57	0.02	< 10	< 10	48	10	706
S07702	201	229	0.01	71	1180	200	< 2	4	161	0.04	< 10	< 10	55	10	1010
S07703	201	229	< 0.01	82	1280	84	< 2	6	50	0.02	< 10	< 10	41	10	848
S07704	201	229	< 0.01	108	1580	28	< 2	8	50	0.09	< 10	< 10	75	10	320
S07705	201	229	< 0.01	95	850	38	< 2	5	44	0.01	< 10	< 10	35	< 10	412
S07706	201	229	< 0.01	72	550	32	< 2	6	31	0.02	< 10	< 10	43	< 10	236
S07707	201	229	< 0.01	40	1040	36	< 2	3	53	0.01	< 10	< 10	31	< 10	212
S07708	201	229	0.01	56	690	20	< 2	3	32	0.01	< 10	< 10	23	< 10	162
S07709	201	229	< 0.01	46	380	34	< 2	3	23	0.02	< 10	< 10	29	< 10	272
S07710	201	229	< 0.01	29	470	10	< 2	1	20	< 0.01	< 10	< 10	16	< 10	202
S07711	201	229	< 0.01	140	1440	22	< 2	4	47	0.01	< 10	< 10	29	< 10	1100
S07712	201	229	0.01	71	1130	352	< 2	8	101	0.03	< 10	< 10	55	30	5330
S07713	201	229	0.01	106	1040	34	< 2	11	62	0.08	< 10	< 10	76	10	320
S07714	201	229	0.03	63	1000	30	< 2	4	77	0.05	< 10	< 10	45	< 10	208
S07715	201	229	< 0.01	63	1070	30	< 2	5	79	< 0.01	< 10	< 10	22	< 10	256
S07716	201	229	< 0.01	78	960	28	< 2	7	53	0.01	< 10	< 10	57	< 10	188
S07717	201	229	< 0.01	63	1070	26	< 2	10	51	< 0.01	< 10	< 10	72	< 10	108
S07718	201	229	< 0.01	52	1570	38	< 2	4	67	0.01	< 10	< 10	39	< 10	216
S07719	201	229	< 0.01	51	620	38	< 2	6	45	0.01	< 10	< 10	44	< 10	166
S07720	201	229	< 0.01	41	500	22	< 2	4	36	0.01	< 10	< 10	37	< 10	198
S07721	201	229	0.03	25	960	12	< 2	1	58	0.01	< 10	< 10	22	< 10	162
S07722	201	229	< 0.01	45	470	22	< 2	2	33	< 0.01	< 10	< 10	20	< 10	480
S07723	201	229	0.01	47	1020	18	< 2	2	64	0.01	< 10	< 10	24	< 10	602
S07724	201	229	< 0.01	22	340	8	< 2	1	20	< 0.01	< 10	< 10	21	< 10	46
S07725	201	229	< 0.01	48	550	24	< 2	2	43	< 0.01	< 10	< 10	19	< 10	128
S07726	201	229	< 0.01	40	320	18	< 2	2	29	< 0.01	< 10	< 10	17	< 10	56
S07727	201	229	0.01	27	260	10	< 2	1	15	0.01	< 10	< 10	24	< 10	42
S07728	201	229	0.01	15	160	12	< 2	1	8	0.01	< 10	< 10	24	< 10	32
S07729	201	229	< 0.01	18	340	16	< 2	3	16	0.01	< 10	< 10	46	< 10	56
S07730	201	229	< 0.01	19	520	22	< 2	2	14	< 0.01	< 10	< 10	18	< 10	100
S07731	201	229	0.03	77	630	20	< 2	3	79	0.01	< 10	< 10	33	< 10	140
S07732	201	229	0.01	62	1420	66	< 2	4	71	0.01	< 10	< 10	30	< 10	184
S07733	201	229	< 0.01	37	510	150	< 2	3	14	0.01	< 10	< 10	31	< 10	4080
S07734	201	229	0.01	114	1160	144	< 2	6	102	0.02	< 10	< 10	29	10	4500
S07735	201	229	0.01	115	740	34	< 2	9	67	0.01	< 10	< 10	29	< 10	182

CERTIFICATION: *Hart Bickler*



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SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
S07736	201 229	< 0.2	1.31	14	260	< 0.5	< 2	0.29	0.5	13	58	20	3.95	< 10	< 1	0.04	10	0.46	895	2
S07737	201 229	2.0	0.35	28	160	< 0.5	< 2	1.38	12.5	14	15	43	6.41	< 10	< 1	0.03	10	0.15	3380	< 1
S07738	201 229	1.4	0.69	18	180	< 0.5	< 2	0.96	6.5	10	32	28	9.94	< 10	< 1	0.02	10	0.36	4480	< 1
S07739	201 229	0.4	1.13	16	300	< 0.5	< 2	0.77	0.5	9	50	17	2.50	< 10	< 1	0.06	10	0.50	700	< 1
S07740	201 229	0.2	1.32	34	240	< 0.5	< 2	0.95	1.0	13	50	36	4.27	< 10	< 1	0.07	20	0.37	890	< 1
S07741	201 229	< 0.2	1.23	4	240	< 0.5	2	0.45	< 0.5	9	36	29	2.74	10	< 1	0.13	40	0.50	290	1
S07742	201 229	< 0.2	1.91	4	240	< 0.5	< 2	0.22	< 0.5	18	72	17	4.34	< 10	< 1	0.13	20	1.04	570	1
S07743	201 229	< 0.2	0.70	10	210	< 0.5	< 2	0.10	< 0.5	6	39	8	1.83	< 10	< 1	0.12	20	0.26	170	< 1
S07744	201 229	< 0.2	0.92	16	250	< 0.5	< 2	0.13	< 0.5	12	66	15	2.74	< 10	< 1	0.08	10	0.50	580	1
S07745	201 229	< 0.2	0.78	14	340	< 0.5	< 2	0.35	< 0.5	10	26	16	1.86	< 10	< 1	0.11	20	0.23	455	< 1
S07746	201 229	< 0.2	0.77	8	220	< 0.5	< 2	0.32	< 0.5	4	29	8	1.58	< 10	< 1	0.09	10	0.31	185	< 1
S07747	201 229	0.2	0.80	8	240	< 0.5	< 2	1.06	2.0	7	18	25	1.72	< 10	< 1	0.09	10	0.17	735	< 1
S07748	201 229	< 0.2	0.95	56	250	< 0.5	< 2	0.36	1.0	20	98	23	3.26	< 10	< 1	0.11	20	0.38	815	1
T39224	201 229	0.2	1.57	16	370	< 0.5	< 2	1.32	1.0	19	100	34	4.23	< 10	< 1	0.08	20	1.03	525	< 1
T39225	201 229	< 0.2	1.64	16	340	< 0.5	< 2	0.99	0.5	17	93	31	3.94	10	< 1	0.07	20	0.96	685	< 1
T39226	201 229	< 0.2	1.31	8	270	< 0.5	< 2	1.01	1.0	12	66	21	2.55	< 10	< 1	0.06	10	0.73	380	< 1
T39227	201 229	< 0.2	1.27	12	330	< 0.5	< 2	0.80	0.5	15	68	28	3.57	< 10	< 1	0.07	20	0.65	470	< 1
T39228	201 229	< 0.2	1.11	10	300	< 0.5	< 2	0.72	0.5	17	53	26	3.90	< 10	< 1	0.08	10	0.53	675	< 1
T39229	201 229	< 0.2	1.03	12	220	< 0.5	4	0.56	1.0	10	49	25	3.01	< 10	< 1	0.07	20	0.51	225	< 1
T39230	201 229	< 0.2	0.58	10	120	< 0.5	< 2	0.20	< 0.5	7	16	17	2.43	< 10	< 1	0.05	20	0.21	425	< 1
T39231	201 229	< 0.2	1.20	8	360	< 0.5	< 2	0.66	0.5	14	43	23	3.31	< 10	< 1	0.06	10	0.53	820	< 1
T39232	201 229	< 0.2	1.11	10	330	< 0.5	< 2	0.49	0.5	13	49	25	2.98	< 10	< 1	0.08	20	0.52	580	< 1
T39233	201 229	< 0.2	1.11	6	290	< 0.5	< 2	0.56	0.5	12	56	27	2.97	< 10	< 1	0.08	20	0.56	450	< 1
T39234	201 229	< 0.2	0.95	6	320	< 0.5	< 2	0.41	0.5	9	44	13	2.05	< 10	< 1	0.06	10	0.37	300	1
T39235	201 229	< 0.2	1.02	12	300	< 0.5	< 2	0.46	0.5	13	76	24	2.91	< 10	< 1	0.07	10	0.59	435	< 1
T39236	201 229	< 0.2	1.02	10	150	< 0.5	< 2	0.17	0.5	11	21	19	2.41	< 10	< 1	0.05	20	0.29	530	< 1
T39237	201 229	0.2	0.79	12	760	< 0.5	< 2	1.44	0.5	17	39	41	2.24	< 10	< 1	0.06	< 10	0.23	835	< 1
T39238	201 229	< 0.2	0.88	22	180	< 0.5	< 2	0.38	0.5	18	80	31	2.80	< 10	< 1	0.07	10	0.57	630	< 1
T39239	201 229	< 0.2	0.88	12	330	< 0.5	< 2	0.39	0.5	11	47	22	2.48	< 10	< 1	0.08	10	0.41	350	< 1
T39240	201 229	< 0.2	1.41	10	240	< 0.5	< 2	0.16	< 0.5	14	56	24	3.56	< 10	< 1	0.08	30	0.61	425	< 1
T39241	201 229	< 0.2	0.78	12	200	< 0.5	< 2	0.42	0.5	16	14	41	3.08	< 10	< 1	0.12	20	0.17	340	< 1
T39242	201 229	0.2	1.00	18	240	< 0.5	< 2	0.68	< 0.5	11	49	20	3.36	< 10	< 1	0.04	20	0.48	640	< 1
T39243	201 229	< 0.2	0.99	24	220	< 0.5	< 2	0.66	1.0	11	55	24	3.34	< 10	< 1	0.05	10	0.54	645	< 1
T39244	201 229	< 0.2	1.49	18	240	< 0.5	< 2	0.51	0.5	21	45	25	4.89	< 10	< 1	0.02	20	0.72	855	< 1
T39245	201 229	< 0.2	0.73	28	260	< 0.5	2	5.12	0.5	19	39	34	3.05	< 10	< 1	0.03	10	0.47	635	< 1
T39246	201 229	< 0.2	1.01	10	350	< 0.5	2	0.20	< 0.5	9	50	20	2.11	< 10	< 1	0.04	10	0.54	350	< 1
T39247	201 229	< 0.2	1.00	10	300	< 0.5	2	0.19	< 0.5	8	51	14	2.23	< 10	< 1	0.03	10	0.56	210	< 1
T39248	201 229	< 0.2	0.85	14	250	< 0.5	< 2	2.80	< 0.5	10	36	24	2.76	< 10	< 1	0.04	10	0.36	990	< 1
T39249	201 229	0.2	0.58	24	80	< 0.5	< 2	1.88	0.5	12	21	26	3.12	< 10	< 1	0.02	10	0.15	755	< 1
T39250	201 229	< 0.2	0.92	12	230	< 0.5	2	0.52	0.5	13	44	29	3.04	< 10	< 1	0.10	20	0.49	375	< 1

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Project: KP
 Comments:

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 P.O. Number :
 Account : F

CERTIFICATE OF ANALYSIS

A9321050

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S07736	201 229	0.01	67	360	70	< 2	4	25	0.01	< 10	< 10	36	< 10	600
S07737	201 229	0.01	45	1050	224	< 2	2	68	< 0.01	< 10	< 10	11	10	5220
S07738	201 229	< 0.01	43	670	146	< 2	3	38	0.01	< 10	< 10	22	20	4440
S07739	201 229	0.01	45	1340	30	< 2	3	57	0.02	< 10	< 10	39	< 10	308
S07740	201 229	< 0.01	61	620	56	4	6	75	0.01	< 10	< 10	36	< 10	130
S07741	201 229	0.01	36	450	18	< 2	2	29	< 0.01	< 10	< 10	24	< 10	110
S07742	201 229	< 0.01	41	670	16	< 2	8	15	0.03	< 10	< 10	97	< 10	142
S07743	201 229	0.01	17	210	18	< 2	1	9	0.01	< 10	< 10	24	< 10	38
S07744	201 229	0.01	35	490	16	< 2	2	11	0.01	< 10	< 10	40	< 10	64
S07745	201 229	< 0.01	33	290	22	< 2	1	20	< 0.01	< 10	< 10	11	< 10	78
S07746	201 229	< 0.01	19	280	10	< 2	1	16	< 0.01	< 10	< 10	17	< 10	146
S07747	201 229	0.04	27	750	82	< 2	1	51	< 0.01	< 10	< 10	14	< 10	340
S07748	201 229	< 0.01	73	590	24	< 2	3	21	< 0.01	< 10	< 10	24	< 10	360
T39224	201 229	< 0.01	69	1120	84	< 2	6	82	0.03	< 10	< 10	51	< 10	616
T39225	201 229	< 0.01	62	1040	40	< 2	6	63	0.02	< 10	< 10	50	< 10	356
T39226	201 229	0.02	44	850	20	< 2	2	68	0.02	< 10	< 10	36	< 10	298
T39227	201 229	0.01	56	950	38	< 2	4	50	0.01	< 10	< 10	37	< 10	378
T39228	201 229	< 0.01	50	970	30	< 2	4	48	< 0.01	< 10	< 10	31	< 10	446
T39229	201 229	< 0.01	40	970	28	< 2	3	36	< 0.01	< 10	< 10	29	< 10	426
T39230	201 229	< 0.01	25	320	20	< 2	1	13	< 0.01	< 10	< 10	9	< 10	166
T39231	201 229	0.01	39	790	30	< 2	3	43	< 0.01	< 10	< 10	39	< 10	350
T39232	201 229	< 0.01	48	650	24	< 2	3	32	< 0.01	< 10	< 10	30	< 10	248
T39233	201 229	< 0.01	47	730	24	< 2	3	33	< 0.01	< 10	< 10	33	< 10	266
T39234	201 229	0.01	29	460	12	< 2	1	28	< 0.01	< 10	< 10	22	< 10	142
T39235	201 229	< 0.01	56	980	16	< 2	3	28	< 0.01	< 10	< 10	32	< 10	382
T39236	201 229	< 0.01	23	340	28	< 2	1	10	< 0.01	< 10	< 10	12	< 10	138
T39237	201 229	< 0.01	63	1090	20	< 2	2	78	< 0.01	< 10	< 10	15	< 10	38
T39238	201 229	< 0.01	86	760	16	< 2	3	21	< 0.01	< 10	< 10	26	< 10	114
T39239	201 229	< 0.01	37	530	16	< 2	2	22	< 0.01	< 10	< 10	21	< 10	66
T39240	201 229	< 0.01	43	350	20	< 2	3	10	< 0.01	< 10	< 10	35	< 10	120
T39241	201 229	< 0.01	51	360	22	< 2	2	34	< 0.01	< 10	< 10	7	< 10	76
T39242	201 229	< 0.01	50	720	28	< 2	3	44	< 0.01	< 10	< 10	27	< 10	88
T39243	201 229	< 0.01	48	1080	70	< 2	3	42	< 0.01	< 10	< 10	25	< 10	238
T39244	201 229	< 0.01	64	520	14	2	7	34	< 0.01	< 10	< 10	44	< 10	168
T39245	201 229	0.01	78	1030	26	2	3	231	< 0.01	< 10	< 10	23	10	140
T39246	201 229	< 0.01	45	340	20	< 2	2	14	0.01	< 10	< 10	32	< 10	122
T39247	201 229	< 0.01	48	280	26	< 2	1	13	0.01	< 10	< 10	28	< 10	84
T39248	201 229	0.01	44	680	26	< 2	3	159	< 0.01	< 10	< 10	22	< 10	82
T39249	201 229	< 0.01	37	530	26	2	5	108	< 0.01	< 10	< 10	11	< 10	48
T39250	201 229	< 0.01	45	1050	22	< 2	4	32	< 0.01	< 10	< 10	30	< 10	128

CERTIFICATION: *Hart Bickler*



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CERTIFICATE OF ANALYSIS A9321050

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T39251	201 229	< 0.2	0.65	14	230	< 0.5	< 2	0.11	< 0.5	10	27	23	2.23	< 10	< 1	0.24	20	0.20	520	< 1
T39252	201 229	< 0.2	0.62	6	260	< 0.5	< 2	0.49	2.5	6	19	22	1.28	< 10	< 1	0.10	< 10	0.12	895	1
T39253	201 229	< 0.2	0.95	22	220	< 0.5	< 2	0.12	< 0.5	11	85	18	3.00	< 10	< 1	0.12	20	0.41	590	< 1
T39254	201 229	< 0.2	0.50	46	220	< 0.5	2	0.18	< 0.5	8	11	27	1.80	< 10	< 1	0.21	20	0.09	350	< 1
T39255	201 229	< 0.2	1.06	20	200	< 0.5	< 2	0.11	< 0.5	10	27	16	2.83	< 10	< 1	0.15	10	0.30	315	< 1
T39256	201 229	< 0.2	0.71	18	270	< 0.5	< 2	0.49	0.5	11	32	17	2.27	< 10	< 1	0.11	20	0.24	705	< 1
T39257	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
T18846	201 229	2.0	0.18	160	600	< 0.5	< 2	0.06	4.0	1	11	33	1.75	< 10	< 1	0.04	< 10	0.02	65	< 1
T18847	201 229	2.2	0.15	120	980	< 0.5	< 2	0.06	4.5	2	7	18	2.35	< 10	< 1	0.06	< 10	0.02	35	< 1
T18848	201 229	< 0.2	1.24	40	560	< 0.5	< 2	0.27	1.5	23	59	31	4.27	< 10	< 1	0.04	20	0.62	995	< 1
T18849	201 229	< 0.2	0.94	180	370	< 0.5	< 2	0.29	3.0	37	38	38	8.11	< 10	< 1	0.06	10	0.50	2200	1
T18850	201 229	< 0.2	0.50	182	320	< 0.5	< 2	0.36	5.0	30	23	45	7.33	< 10	< 1	0.06	10	0.25	1440	1
T18851	201 229	< 0.2	0.36	78	280	< 0.5	2	0.20	4.5	17	16	31	4.70	< 10	< 1	0.07	10	0.14	1475	1
T18852	201 229	< 0.2	0.31	24	230	< 0.5	< 2	0.12	2.0	12	23	22	2.41	< 10	< 1	0.09	10	0.09	795	< 1
T18853	201 229	< 0.2	0.23	10	170	< 0.5	< 2	0.07	1.0	8	29	13	1.41	< 10	< 1	0.11	10	0.02	470	< 1
T18854	201 229	< 0.2	1.18	16	360	< 0.5	4	0.32	0.5	14	44	27	3.24	< 10	< 1	0.05	20	0.49	485	< 1
T18855	201 229	< 0.2	0.31	30	160	< 0.5	< 2	0.49	0.5	27	12	67	4.06	< 10	< 1	0.06	10	0.14	1335	< 1
T18856	201 229	< 0.2	0.38	38	190	< 0.5	2	0.25	3.5	24	15	74	5.12	< 10	< 1	0.07	20	0.19	705	< 1
T18857	201 229	< 0.2	0.56	48	290	< 0.5	< 2	0.28	5.0	27	21	116	5.10	< 10	< 1	0.07	10	0.26	1040	< 1
T18858	201 229	< 0.2	0.65	30	140	< 0.5	< 2	0.85	1.5	20	19	45	3.31	< 10	< 1	0.07	10	0.34	980	< 1
T18859	201 229	< 0.2	0.95	30	110	< 0.5	< 2	0.90	0.5	31	20	67	4.10	< 10	< 1	0.08	10	0.49	1315	< 1
T18860	201 229	< 0.2	0.27	8	130	< 0.5	< 2	1.03	< 0.5	19	12	44	3.98	< 10	< 1	0.06	10	0.08	965	< 1
T18861	201 229	< 0.2	0.36	16	90	< 0.5	< 2	1.23	< 0.5	21	13	48	4.00	< 10	< 1	0.06	10	0.17	865	< 1
T18862	201 229	< 0.2	0.22	10	60	< 0.5	< 2	0.85	< 0.5	9	10	21	2.23	< 10	< 1	0.07	10	0.08	800	< 1
T18863	201 229	< 0.2	0.23	10	210	< 0.5	< 2	0.13	0.5	16	11	41	3.74	< 10	< 1	0.03	10	0.07	1040	< 1
T18864	201 229	< 0.2	0.22	8	160	< 0.5	< 2	0.18	< 0.5	19	12	39	4.00	< 10	< 1	0.04	10	0.08	980	< 1
T18865	201 229	< 0.2	0.26	16	220	< 0.5	< 2	1.26	0.5	22	11	51	3.71	< 10	< 1	0.07	10	0.11	960	< 1
T18866	201 229	< 0.2	0.31	2	460	< 0.5	< 2	3.57	< 0.5	23	14	46	4.87	< 10	< 1	0.13	< 10	0.52	1470	1
T18867	201 229	< 0.2	0.83	6	290	< 0.5	< 2	0.64	< 0.5	15	37	35	3.10	< 10	< 1	0.06	10	0.41	625	1
T18868	201 229	< 0.2	0.35	4	290	< 0.5	< 2	0.21	< 0.5	16	13	24	3.66	< 10	< 1	0.05	10	0.15	1805	< 1
T18869	201 229	< 0.2	0.27	6	420	< 0.5	< 2	1.54	< 0.5	10	25	17	2.33	< 10	< 1	0.07	10	0.10	1200	< 1
T18870	201 229	< 0.2	0.49	2	80	< 0.5	< 2	1.08	< 0.5	11	30	19	3.24	< 10	< 1	0.11	10	0.70	575	1
T18871	201 229	< 0.2	0.34	22	190	< 0.5	< 2	0.32	< 0.5	20	24	56	4.53	< 10	< 1	0.11	10	0.15	860	1
T18872	201 229	< 0.2	0.36	10	150	< 0.5	< 2	0.23	< 0.5	22	18	45	4.27	< 10	< 1	0.08	10	0.14	1145	< 1
T18873	201 229	< 0.2	0.25	14	100	< 0.5	< 2	0.21	0.5	20	10	42	3.45	< 10	< 1	0.07	10	0.09	1000	< 1
T18874	201 229	< 0.2	0.17	10	110	< 0.5	< 2	0.28	< 0.5	16	16	30	3.44	< 10	< 1	0.06	< 10	0.06	1320	1
T18875	201 229	< 0.2	0.74	14	340	< 0.5	< 2	0.39	0.5	13	38	34	3.09	< 10	< 1	0.07	10	0.41	570	1
T18876	201 229	< 0.2	0.65	8	70	< 0.5	< 2	0.20	1.5	17	17	45	3.61	< 10	< 1	0.06	10	0.32	710	< 1
T18877	201 229	< 0.2	1.06	10	110	< 0.5	< 2	0.63	1.0	19	36	30	4.21	< 10	< 1	0.08	< 10	0.46	725	< 1
T18878	201 229	< 0.2	0.65	14	120	< 0.5	< 2	0.33	2.0	17	25	47	3.79	< 10	< 1	0.08	10	0.30	575	1

CERTIFICATION:

Hart Bichler



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T39251	201 229	< 0.01	26	290	50	< 2	1	10	< 0.01	< 10	< 10	11	< 10	86
T39252	201 229	< 0.01	18	850	8	< 2	< 1	29	< 0.01	< 10	< 10	17	< 10	232
T39253	201 229	< 0.01	49	340	62	< 2	2	10	< 0.01	< 10	< 10	28	< 10	140
T39254	201 229	< 0.01	19	390	20	< 2	1	11	< 0.01	< 10	< 10	7	< 10	62
T39255	201 229	< 0.01	25	230	18	< 2	1	8	0.01	< 10	< 10	20	< 10	50
T39256	201 229	< 0.01	32	450	18	< 2	2	27	< 0.01	< 10	< 10	16	< 10	666
T39257	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
T18846	201 229	< 0.01	6	1180	294	6	1	67	< 0.01	< 10	< 10	3	< 10	620
T18847	201 229	< 0.01	7	1110	650	4	< 1	77	< 0.01	< 10	< 10	3	< 10	656
T18848	201 229	< 0.01	61	830	166	< 2	3	30	< 0.01	< 10	< 10	33	< 10	1375
T18849	201 229	< 0.01	118	1450	138	< 2	4	32	< 0.01	< 10	< 10	28	10	4770
T18850	201 229	< 0.01	90	2070	306	< 2	3	36	< 0.01	< 10	< 10	14	< 10	4970
T18851	201 229	< 0.01	54	1070	160	< 2	2	26	< 0.01	< 10	< 10	7	< 10	3300
T18852	201 229	< 0.01	33	630	38	< 2	1	15	< 0.01	< 10	< 10	6	< 10	1100
T18853	201 229	0.01	21	430	6	< 2	< 1	8	< 0.01	< 10	< 10	2	< 10	502
T18854	201 229	< 0.01	38	750	36	< 2	3	20	< 0.01	< 10	< 10	31	< 10	474
T18855	201 229	< 0.01	69	600	46	< 2	2	19	< 0.01	< 10	< 10	7	< 10	782
T18856	201 229	< 0.01	54	880	98	< 2	2	18	< 0.01	< 10	< 10	10	< 10	1590
T18857	201 229	< 0.01	80	1050	74	< 2	3	24	< 0.01	< 10	< 10	14	< 10	1715
T18858	201 229	< 0.01	48	650	38	< 2	1	19	< 0.01	< 10	< 10	9	< 10	806
T18859	201 229	< 0.01	52	610	44	< 2	1	17	< 0.01	< 10	< 10	7	< 10	468
T18860	201 229	< 0.01	41	600	22	< 2	2	20	< 0.01	< 10	< 10	6	< 10	186
T18861	201 229	< 0.01	41	650	20	< 2	1	17	< 0.01	< 10	< 10	7	< 10	174
T18862	201 229	0.01	15	420	4	< 2	1	12	< 0.01	< 10	< 10	2	< 10	48
T18863	201 229	< 0.01	38	520	50	< 2	1	8	< 0.01	< 10	< 10	6	< 10	250
T18864	201 229	< 0.01	38	650	44	< 2	1	11	< 0.01	< 10	< 10	6	< 10	160
T18865	201 229	< 0.01	39	530	36	< 2	1	17	< 0.01	< 10	< 10	4	< 10	396
T18866	201 229	0.01	44	1010	8	< 2	3	74	< 0.01	< 10	< 10	6	10	120
T18867	201 229	< 0.01	42	620	32	< 2	2	22	< 0.01	< 10	< 10	19	< 10	182
T18868	201 229	< 0.01	41	610	20	< 2	2	14	< 0.01	< 10	< 10	10	< 10	244
T18869	201 229	0.01	22	370	16	< 2	1	22	< 0.01	< 10	< 10	4	< 10	140
T18870	201 229	0.01	27	930	8	< 2	1	34	< 0.01	< 10	< 10	8	< 10	100
T18871	201 229	< 0.01	37	340	18	< 2	2	24	< 0.01	< 10	< 10	10	< 10	80
T18872	201 229	< 0.01	42	660	36	< 2	2	17	< 0.01	< 10	< 10	9	< 10	250
T18873	201 229	< 0.01	42	720	20	< 2	1	13	< 0.01	< 10	< 10	4	< 10	384
T18874	201 229	< 0.01	38	460	10	< 2	1	11	< 0.01	< 10	< 10	2	< 10	264
T18875	201 229	< 0.01	46	900	66	< 2	2	22	0.01	< 10	< 10	20	< 10	510
T18876	201 229	< 0.01	47	610	10	< 2	1	13	< 0.01	< 10	< 10	7	< 10	1170
T18877	201 229	0.01	41	460	10	< 2	2	13	< 0.01	< 10	< 10	9	< 10	790
T18878	201 229	< 0.01	45	720	14	< 2	2	20	< 0.01	< 10	< 10	13	< 10	1355

CERTIFICATION: *Hart Bichler*



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A9321050

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T18879	201 229	< 0.2	0.73	18	130	< 0.5	< 2	0.27	1.5	16	30	36	3.72	< 10	< 1	0.10	10	0.37	755	1
T18880	201 229	< 0.2	0.82	90	260	< 0.5	< 2	0.53	4.5	47	18	86	9.20	< 10	< 1	0.13	10	0.14	885	1
T18881	201 229	< 0.2	0.65	18	100	< 0.5	< 2	2.69	1.5	18	19	39	4.18	< 10	< 1	0.08	10	0.23	1665	< 1
T18882	201 229	< 0.2	1.59	42	100	< 0.5	< 2	3.35	1.0	33	100	60	5.62	< 10	< 1	0.08	10	1.59	1245	< 1
T18883	201 229	< 0.2	0.27	78	200	< 0.5	< 2	3.40	< 0.5	33	44	44	0.86	< 10	< 1	0.10	10	0.11	440	< 1
T18884	201 229	< 0.2	0.50	42	310	< 0.5	< 2	4.22	< 0.5	45	29	55	1.65	< 10	< 1	0.11	10	0.39	660	< 1
T18885	201 229	0.2	0.72	16	1670	< 0.5	< 2	5.98	2.5	11	36	21	2.34	< 10	< 1	0.04	10	0.42	590	1
T18886	201 229	0.2	0.41	30	2410	< 0.5	< 2	10.35	4.5	8	21	20	2.64	< 10	< 1	0.03	< 10	0.27	620	< 1
T18887	201 229	0.2	0.30	18	1570	< 0.5	< 2	7.80	3.0	7	17	15	2.90	< 10	< 1	0.02	< 10	0.11	415	1
T18888	201 229	< 0.2	0.59	22	2930	< 0.5	< 2	10.10	5.0	16	26	35	8.18	< 10	< 1	0.04	10	0.24	3820	< 1
T18889	201 229	< 0.2	0.28	68	950	< 0.5	< 2	1.95	0.5	56	6	45	4.52	< 10	< 1	0.08	20	0.06	1335	2
T18890	201 229	< 0.2	0.28	64	790	< 0.5	< 2	2.69	< 0.5	55	9	54	5.43	< 10	< 1	0.08	20	0.08	1920	1
T18891	201 229	< 0.2	0.26	8	80	< 0.5	< 2	0.67	< 0.5	12	14	31	3.96	< 10	< 1	0.16	< 10	0.08	1060	< 1
T18892	201 229	< 0.2	0.29	56	1060	< 0.5	< 2	4.11	0.5	45	13	51	5.45	< 10	< 1	0.07	10	0.10	2180	1
T18893	201 229	< 0.2	1.17	14	610	< 0.5	< 2	3.26	< 0.5	14	57	39	2.87	< 10	< 1	0.06	20	0.76	460	1
T18894	201 229	< 0.2	0.27	8	280	< 0.5	< 2	>15.00	< 0.5	6	19	16	1.05	< 10	< 1	0.02	< 10	0.30	350	< 1
T18895	201 229	< 0.2	1.85	< 2	490	< 0.5	< 2	0.61	< 0.5	19	81	31	4.65	10	< 1	0.05	30	1.06	845	< 1
T18896	201 229	< 0.2	0.71	< 2	260	< 0.5	< 2	0.37	1.0	17	10	60	3.18	10	< 1	0.15	60	0.16	760	< 1
T18897	201 229	< 0.2	0.90	4	210	< 0.5	< 2	0.33	< 0.5	17	16	44	3.62	10	< 1	0.17	60	0.24	640	1
T18898	201 229	< 0.2	1.00	10	90	< 0.5	< 2	0.26	< 0.5	16	21	51	3.15	10	< 1	0.13	70	0.43	420	1
T18899	201 229	< 0.2	1.07	8	170	< 0.5	< 2	0.20	< 0.5	16	26	29	3.75	10	< 1	0.10	40	0.41	995	1
T18900	201 229	< 0.2	0.85	10	110	< 0.5	< 2	0.24	< 0.5	17	29	34	2.91	< 10	< 1	0.13	30	0.27	620	1
T18901	201 229	< 0.2	2.33	28	260	< 0.5	< 2	0.37	< 0.5	34	275	56	5.38	10	< 1	0.02	30	1.88	970	1
T18902	201 229	< 0.2	3.81	8	300	< 0.5	< 2	1.00	< 0.5	41	126	127	7.28	20	< 1	0.47	50	3.49	1235	1
T18903	201 229	< 0.2	4.48	14	270	< 0.5	< 2	2.88	< 0.5	40	306	40	7.46	20	< 1	0.23	50	4.45	1160	2
T18904	201 229	< 0.2	1.01	12	210	< 0.5	< 2	0.53	0.5	15	61	37	2.97	< 10	< 1	0.13	20	0.60	475	1
T18905	201 229	< 0.2	1.07	16	150	< 0.5	< 2	1.58	< 0.5	19	50	39	3.41	< 10	< 1	0.13	20	0.66	480	1
T18906	201 229	< 0.2	0.43	8	70	< 0.5	< 2	0.89	< 0.5	16	23	30	2.83	< 10	< 1	0.11	10	0.24	450	1
T18907	201 229	< 0.2	0.21	< 2	30	< 0.5	< 2	1.31	< 0.5	8	11	16	2.09	< 10	< 1	0.12	< 10	0.14	445	< 1
T18908	201 229	< 0.2	0.79	16	280	< 0.5	< 2	0.51	0.5	13	42	32	2.59	< 10	< 1	0.10	10	0.37	490	1
T18909	201 229	< 0.2	0.33	14	110	< 0.5	< 2	3.06	< 0.5	14	15	29	2.65	< 10	< 1	0.09	< 10	0.17	500	< 1
T18910	201 229	< 0.2	0.45	8	80	< 0.5	< 2	0.52	< 0.5	17	23	40	3.33	< 10	< 1	0.08	10	0.20	530	< 1
T18911	201 229	< 0.2	0.22	8	40	< 0.5	< 2	0.25	< 0.5	10	18	15	2.33	< 10	< 1	0.06	20	0.07	345	< 1
T18912	201 229	< 0.2	0.24	2	60	< 0.5	< 2	1.15	< 0.5	9	22	12	2.51	< 10	< 1	0.08	10	0.25	430	< 1
T18913	201 229	< 0.2	0.92	16	270	< 0.5	< 2	0.82	< 0.5	18	68	45	3.39	< 10	< 1	0.12	10	0.45	580	1
T18914	201 229	< 0.2	1.36	18	130	< 0.5	< 2	1.28	< 0.5	26	49	50	3.92	10	< 1	0.11	30	0.83	605	< 1
T18915	201 229	< 0.2	0.40	6	90	< 0.5	< 2	1.52	< 0.5	9	19	12	1.37	< 10	< 1	0.10	30	0.17	360	1
T18916	201 229	< 0.2	1.26	136	140	< 0.5	< 2	2.48	< 0.5	64	117	61	3.59	< 10	< 1	0.09	20	0.84	750	1
T18917	201 229	< 0.2	0.61	18	180	< 0.5	< 2	0.50	< 0.5	12	34	28	2.30	< 10	< 1	0.09	20	0.32	500	< 1
T18918	201 229	< 0.2	0.36	18	120	< 0.5	< 2	0.54	< 0.5	12	16	23	1.76	< 10	< 1	0.11	20	0.17	425	< 1

CERTIFICATION:

Jan A. Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Project: KP
 Comments:

Page Number :4-B
 Total Pages :6
 Certificate Date: 18-SEP-93
 Invoice No. : 19321050
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 Account :F

CERTIFICATE OF ANALYSIS

A9321050

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T18879	201 229	< 0.01	61	930	18	< 2	2	21	< 0.01	< 10	< 10	17	< 10	1885
T18880	201 229	0.01	124	3250	24	< 2	4	237	< 0.01	< 10	10	16	< 10	3910
T18881	201 229	< 0.01	53	790	24	< 2	2	37	< 0.01	< 10	< 10	8	< 10	944
T18882	201 229	< 0.01	97	1230	12	< 2	6	143	< 0.01	< 10	< 10	39	10	694
T18883	201 229	< 0.01	92	1730	6	< 2	1	124	< 0.01	< 10	< 10	9	< 10	202
T18884	201 229	< 0.01	159	3010	8	< 2	2	155	< 0.01	< 10	< 10	8	< 10	90
T18885	201 229	< 0.01	39	1780	36	< 2	3	343	0.01	< 10	< 10	19	10	1270
T18886	201 229	< 0.01	29	1860	54	< 2	2	567	< 0.01	< 10	< 10	10	10	1560
T18887	201 229	< 0.01	32	2570	36	2	3	547	< 0.01	< 10	< 10	4	10	1530
T18888	201 229	< 0.01	47	1230	28	< 2	3	325	< 0.01	< 10	< 10	12	40	3000
T18889	201 229	< 0.01	62	2330	6	2	2	74	< 0.01	< 10	< 10	7	< 10	480
T18890	201 229	< 0.01	66	2240	6	2	2	72	< 0.01	< 10	< 10	7	< 10	490
T18891	201 229	< 0.01	35	540	4	< 2	1	16	< 0.01	< 10	< 10	2	< 10	90
T18892	201 229	< 0.01	55	1900	12	2	2	103	< 0.01	< 10	< 10	7	10	668
T18893	201 229	< 0.01	50	980	14	< 2	3	148	0.01	< 10	< 10	34	< 10	140
T18894	201 229	< 0.01	16	680	2	< 2	1	1260	< 0.01	< 10	< 10	10	10	50
T18895	201 229	< 0.01	48	1260	16	< 2	11	40	0.01	< 10	< 10	93	< 10	136
T18896	201 229	< 0.01	41	880	28	< 2	1	26	< 0.01	< 10	< 10	8	< 10	170
T18897	201 229	< 0.01	39	1000	38	< 2	1	23	< 0.01	< 10	< 10	7	< 10	162
T18898	201 229	< 0.01	38	1030	24	< 2	1	15	< 0.01	< 10	< 10	10	< 10	86
T18899	201 229	< 0.01	37	570	14	< 2	2	15	< 0.01	< 10	< 10	11	< 10	74
T18900	201 229	< 0.01	36	760	8	< 2	1	15	< 0.01	< 10	< 10	6	< 10	46
T18901	201 229	< 0.01	180	820	8	< 2	13	26	0.03	< 10	< 10	93	< 10	148
T18902	201 229	< 0.01	122	2890	24	< 2	23	74	0.17	< 10	< 10	231	10	100
T18903	201 229	< 0.01	132	2480	10	< 2	24	240	0.11	< 10	< 10	214	30	108
T18904	201 229	< 0.01	60	940	20	2	3	28	0.01	< 10	< 10	31	< 10	114
T18905	201 229	< 0.01	56	830	12	< 2	3	43	0.01	< 10	< 10	24	< 10	128
T18906	201 229	< 0.01	35	680	20	< 2	1	26	< 0.01	< 10	< 10	9	< 10	76
T18907	201 229	< 0.01	15	600	14	< 2	1	31	< 0.01	< 10	< 10	2	< 10	32
T18908	201 229	< 0.01	47	790	28	< 2	3	23	< 0.01	< 10	< 10	19	< 10	194
T18909	201 229	< 0.01	29	560	12	< 2	1	131	< 0.01	< 10	< 10	6	< 10	62
T18910	201 229	< 0.01	37	650	18	< 2	1	28	< 0.01	< 10	< 10	7	< 10	86
T18911	201 229	< 0.01	22	600	22	< 2	1	22	< 0.01	< 10	< 10	3	< 10	56
T18912	201 229	0.01	19	660	12	< 2	1	46	< 0.01	< 10	< 10	4	< 10	54
T18913	201 229	< 0.01	62	840	14	< 2	4	35	< 0.01	< 10	< 10	26	< 10	78
T18914	201 229	< 0.01	57	1200	32	< 2	3	51	< 0.01	< 10	< 10	30	< 10	200
T18915	201 229	0.01	20	420	36	< 2	2	56	< 0.01	< 10	< 10	16	< 10	152
T18916	201 229	< 0.01	201	690	40	< 2	4	48	< 0.01	< 10	< 10	25	< 10	156
T18917	201 229	< 0.01	38	470	18	< 2	2	20	< 0.01	< 10	< 10	13	< 10	76
T18918	201 229	< 0.01	29	590	20	< 2	1	23	< 0.01	< 10	< 10	8	< 10	76

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

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CERTIFICATE OF ANALYSIS A9321050

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T18919	201 229	< 0.2	0.29	14	80	< 0.5	< 2	2.40	0.5	11	39	16	1.07	< 10	< 1	0.08	20	0.14	600	< 1
T18920	201 229	< 0.2	1.22	14	270	< 0.5	< 2	1.02	0.5	16	72	36	3.00	< 10	< 1	0.08	20	0.77	450	< 1
T18921	201 229	< 0.2	0.60	36	150	< 0.5	< 2	2.85	< 0.5	37	21	62	3.76	< 10	< 1	0.06	20	0.32	585	1
T18922	201 229	< 0.2	1.33	8	110	< 0.5	< 2	1.38	0.5	34	49	75	4.11	10	< 1	0.08	40	0.72	690	1
T18923	201 229	< 0.2	0.71	< 2	90	< 0.5	< 2	0.26	0.5	16	16	88	4.21	< 10	< 1	0.08	20	0.30	280	1
T18924	201 229	< 0.2	1.34	6	240	< 0.5	< 2	0.21	< 0.5	12	51	24	2.77	< 10	< 1	0.06	20	0.54	360	1
T18925	201 229	0.2	1.05	4	110	< 0.5	< 2	0.14	< 0.5	17	24	36	2.86	10	< 1	0.08	60	0.40	560	1
T18926	201 229	< 0.2	1.22	6	70	< 0.5	< 2	0.25	1.0	26	26	52	3.46	10	< 1	0.09	50	0.54	670	< 1
T18927	201 229	1.8	0.78	< 2	70	< 0.5	< 2	0.81	7.5	32	14	89	3.57	10	< 1	0.12	60	0.22	910	2
T18928	201 229	< 0.2	1.59	2	100	< 0.5	< 2	1.79	1.0	29	42	44	3.31	10	< 1	0.20	20	0.62	660	1
T18929	201 229	< 0.2	1.37	16	270	< 0.5	< 2	1.10	< 0.5	14	50	37	3.36	< 10	< 1	0.08	20	0.82	545	1
T18930	201 229	< 0.2	2.35	4	190	< 0.5	< 2	2.52	0.5	22	36	31	5.28	10	< 1	0.07	20	1.25	765	1
T18931	201 229	< 0.2	1.82	< 2	130	< 0.5	< 2	2.25	0.5	27	26	34	4.60	10	< 1	0.07	30	0.88	1390	2
T18932	201 229	< 0.2	1.48	2	70	< 0.5	< 2	0.49	< 0.5	20	37	40	3.78	10	< 1	0.08	30	0.70	910	< 1
T18933	201 229	< 0.2	1.46	< 2	30	< 0.5	< 2	0.43	< 0.5	27	21	45	3.47	10	< 1	0.09	30	0.59	1040	1
T18934	201 229	< 0.2	0.99	2	40	< 0.5	< 2	0.64	< 0.5	20	21	49	2.89	< 10	< 1	0.14	10	0.43	565	< 1
T18935	201 229	< 0.2	0.98	8	240	< 0.5	2	0.31	< 0.5	13	57	29	2.34	< 10	< 1	0.05	10	0.67	465	1
T18936	201 229	< 0.2	1.02	12	220	< 0.5	< 2	1.15	0.5	14	61	29	2.70	< 10	< 1	0.08	10	0.90	550	1
T18937	201 229	< 0.2	0.78	6	140	< 0.5	< 2	0.44	< 0.5	19	33	33	4.03	< 10	< 1	0.09	20	0.43	665	1
T18938	201 229	< 0.2	1.19	12	140	< 0.5	< 2	0.36	< 0.5	23	35	46	4.23	10	< 1	0.11	40	0.60	635	2
T18939	201 229	< 0.2	1.33	< 2	60	< 0.5	< 2	0.16	< 0.5	17	22	30	3.42	< 10	< 1	0.14	30	0.56	440	< 1
T18940	201 229	< 0.2	0.84	28	190	< 0.5	< 2	0.82	2.5	19	45	45	3.51	< 10	< 1	0.06	30	0.53	685	1
T18941	201 229	0.2	0.84	40	210	< 0.5	< 2	1.29	2.5	27	42	65	5.16	10	< 1	0.10	30	0.47	860	3
T18942	201 229	< 0.2	0.66	20	200	< 0.5	< 2	1.12	1.5	20	28	40	2.72	10	< 1	0.09	30	0.27	630	1
T18943	201 229	0.8	0.40	38	140	< 0.5	< 2	0.46	3.5	17	7	26	2.32	< 10	< 1	0.10	20	0.11	395	2
T18944	201 229	0.2	0.45	52	180	< 0.5	< 2	0.57	10.0	24	9	74	3.89	< 10	< 1	0.09	10	0.07	685	4
T18945	201 229	< 0.2	0.82	36	140	< 0.5	< 2	0.70	15.5	28	8	43	5.65	< 10	< 1	0.07	10	0.12	1105	4
T18946	201 229	< 0.2	0.51	12	210	< 0.5	< 2	3.04	9.0	18	14	26	1.96	< 10	< 1	0.11	20	0.16	670	2
T18947	201 229	< 0.2	0.75	20	140	< 0.5	< 2	0.40	< 0.5	11	56	20	2.13	< 10	< 1	0.05	10	0.64	315	< 1
T18948	201 229	< 0.2	1.13	24	230	< 0.5	< 2	1.10	< 0.5	14	69	30	2.83	< 10	< 1	0.11	10	0.97	545	< 1
T18949	201 229	< 0.2	1.32	14	130	< 0.5	< 2	0.81	0.5	17	78	38	3.59	< 10	< 1	0.10	20	0.82	720	1
T18950	201 229	< 0.2	1.38	8	130	< 0.5	< 2	1.69	0.5	27	71	51	3.94	10	< 1	0.11	20	0.79	730	1
T18951	201 229	< 0.2	1.48	4	50	< 0.5	< 2	1.27	< 0.5	11	42	24	2.99	10	< 1	0.13	30	0.62	620	1
T18952	201 229	< 0.2	1.16	12	220	< 0.5	< 2	2.67	43.5	22	24	37	4.19	10	< 1	0.08	20	0.48	1150	2
T18953	201 229	< 0.2	1.75	< 2	150	< 0.5	< 2	5.50	12.0	21	17	18	4.60	10	< 1	0.07	20	0.53	990	2
T18954	201 229	< 0.2	0.97	12	150	< 0.5	< 2	0.90	< 0.5	18	32	41	3.25	10	< 1	0.09	30	0.50	545	1
T18955	201 229	< 0.2	3.05	< 2	330	< 0.5	< 2	4.50	0.5	49	897	96	6.26	10	< 1	< 0.01	10	4.39	975	1
T18956	201 229	< 0.2	1.19	22	290	< 0.5	< 2	0.57	< 0.5	16	70	30	2.95	< 10	< 1	0.09	20	0.89	605	1
T18957	201 229	< 0.2	1.05	16	160	< 0.5	< 2	1.61	0.5	15	58	28	3.13	< 10	< 1	0.07	20	0.83	580	< 1
T18958	201 229	< 0.2	0.96	14	160	< 0.5	< 2	2.32	< 0.5	15	47	31	3.03	< 10	< 1	0.09	20	0.61	625	1

CERTIFICATION:

Hart Buchler



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J. ARCHER CATHRO & ASSOC. (1981) LTD.

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T18919	201 229	< 0.01	31	310	30	< 2	1	62	< 0.01	< 10	< 10	6	< 10	186
T18920	201 229	< 0.01	57	850	22	< 2	3	39	0.01	< 10	< 10	36	< 10	266
T18921	201 229	< 0.01	61	1890	14	< 2	4	97	< 0.01	< 10	< 10	21	10	78
T18922	201 229	< 0.01	77	1110	26	< 2	2	52	< 0.01	< 10	< 10	24	10	282
T18923	201 229	< 0.01	41	870	18	< 2	1	19	< 0.01	< 10	< 10	7	< 10	282
T18924	201 229	< 0.01	44	410	20	< 2	2	13	0.02	< 10	< 10	33	< 10	160
T18925	201 229	< 0.01	41	420	38	< 2	2	9	< 0.01	< 10	< 10	10	< 10	190
T18926	201 229	< 0.01	55	520	22	< 2	2	13	< 0.01	< 10	< 10	13	< 10	358
T18927	201 229	< 0.01	47	580	762	< 2	1	26	< 0.01	< 10	< 10	7	10	2690
T18928	201 229	< 0.01	64	1620	48	< 2	2	60	< 0.01	< 10	< 10	28	10	598
T18929	201 229	< 0.01	49	1110	12	< 2	4	48	0.02	< 10	< 10	42	10	130
T18930	201 229	< 0.01	27	1720	6	< 2	9	83	0.01	< 10	< 10	110	20	130
T18931	201 229	< 0.01	46	1330	22	< 2	4	75	0.01	< 10	< 10	51	10	162
T18932	201 229	< 0.01	45	520	18	< 2	2	22	< 0.01	< 10	< 10	20	< 10	156
T18933	201 229	< 0.01	44	270	26	< 2	1	18	< 0.01	< 10	< 10	9	< 10	84
T18934	201 229	< 0.01	34	360	38	< 2	1	21	< 0.01	< 10	< 10	7	< 10	78
T18935	201 229	< 0.01	53	690	12	< 2	3	18	0.02	< 10	< 10	31	< 10	100
T18936	201 229	< 0.01	66	970	16	< 2	3	50	0.02	< 10	< 10	32	< 10	148
T18937	201 229	< 0.01	48	650	18	< 2	2	21	< 0.01	< 10	< 10	20	< 10	140
T18938	201 229	< 0.01	56	670	22	< 2	2	18	< 0.01	< 10	< 10	17	< 10	140
T18939	201 229	< 0.01	34	470	20	< 2	1	9	< 0.01	< 10	< 10	9	< 10	130
T18940	201 229	< 0.01	71	1400	44	< 2	3	34	0.01	< 10	< 10	23	10	796
T18941	201 229	< 0.01	81	1300	100	< 2	4	47	0.01	< 10	< 10	23	10	632
T18942	201 229	< 0.01	54	1120	34	< 2	1	32	< 0.01	< 10	< 10	11	< 10	806
T18943	201 229	0.01	30	630	374	< 2	< 1	32	< 0.01	< 10	< 10	3	< 10	858
T18944	201 229	< 0.01	41	1020	178	< 2	2	36	< 0.01	< 10	< 10	2	< 10	2220
T18945	201 229	< 0.01	60	960	172	< 2	2	29	< 0.01	< 10	< 10	1	10	3890
T18946	201 229	< 0.01	17	910	72	< 2	1	68	< 0.01	< 10	< 10	2	< 10	2030
T18947	201 229	< 0.01	65	1100	14	< 2	2	22	0.01	< 10	< 10	25	< 10	134
T18948	201 229	0.01	74	990	22	< 2	3	55	0.03	< 10	< 10	32	< 10	164
T18949	201 229	< 0.01	66	960	24	< 2	4	36	0.01	< 10	< 10	32	< 10	236
T18950	201 229	< 0.01	90	1380	28	< 2	5	49	0.01	< 10	< 10	33	10	218
T18951	201 229	< 0.01	22	560	14	< 2	1	43	< 0.01	< 10	< 10	13	< 10	78
T18952	201 229	< 0.01	36	3220	226	< 2	4	72	< 0.01	< 10	< 10	20	30	7030
T18953	201 229	< 0.01	25	3500	52	< 2	4	125	< 0.01	< 10	< 10	40	20	2230
T18954	201 229	< 0.01	39	910	14	< 2	2	32	< 0.01	< 10	< 10	16	< 10	136
T18955	201 229	< 0.01	319	1310	< 2	< 2	21	146	0.02	< 10	< 10	140	30	162
T18956	201 229	0.01	69	970	18	< 2	4	29	0.03	< 10	< 10	37	< 10	130
T18957	201 229	0.01	59	1090	14	< 2	3	63	0.01	< 10	< 10	37	10	130
T18958	201 229	< 0.01	44	890	28	< 2	2	79	< 0.01	< 10	< 10	24	10	150

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

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CERTIFICATE OF ANALYSIS A9321050

SAMPLE	PREP CODE		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
T18959	201	229	< 0.2	1.08	8	150	< 0.5	< 2	1.57	0.5	18	66	35	3.16	< 10	< 1	0.11	20	0.69	595	1

CERTIFICATION: *Hart Bichler*



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CERTIFICATE OF ANALYSIS

A9321050

SAMPLE	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
T18959	201	229	< 0.01	51	1100	18	< 2	2	52	< 0.01	< 10	< 10	25	10	122

CERTIFICATION:

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 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS A9321051

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T18960	201 229	0.2	0.94	16	130	< 0.5	< 2	1.57	< 0.5	14	52	31	2.58	< 10	< 1	0.10	20	0.57	515	1
T18961	201 229	< 0.2	0.92	20	290	< 0.5	< 2	0.58	< 0.5	12	60	37	2.36	< 10	< 1	0.06	10	0.73	450	1
T18962	201 229	0.4	1.29	22	770	< 0.5	< 2	1.70	1.0	13	37	61	2.97	< 10	< 1	0.17	10	0.77	570	4
T18963	201 229	< 0.2	1.30	32	330	< 0.5	< 2	1.58	< 0.5	15	79	40	3.02	< 10	< 1	0.13	20	1.08	550	1
T18964	201 229	< 0.2	1.00	20	240	< 0.5	< 2	1.51	0.5	15	66	32	2.58	< 10	< 1	0.10	10	0.90	935	1
T18965	201 229	0.2	1.08	30	270	< 0.5	< 2	2.14	< 0.5	15	97	35	2.85	< 10	< 1	0.10	10	1.26	605	1
T18966	201 229	< 0.2	2.62	114	50	< 0.5	< 2	7.03	< 0.5	32	999	72	6.21	< 10	< 1	< 0.01	10	5.69	1470	< 1
T18967	201 229	< 0.2	1.67	28	330	< 0.5	< 2	0.51	< 0.5	24	131	35	4.82	10	< 1	0.07	30	0.97	1140	1
T18968	201 229	< 0.2	1.58	26	190	< 0.5	< 2	0.43	0.5	28	69	68	5.31	10	< 1	0.09	40	0.86	1130	< 1
T18969	201 229	< 0.2	1.65	28	230	< 0.5	< 2	1.32	< 0.5	34	119	64	5.15	10	< 1	0.09	30	0.91	1070	1
T18970	201 229	< 0.2	1.35	24	400	< 0.5	< 2	8.46	0.5	44	112	79	4.60	< 10	< 1	0.10	< 10	0.62	1330	< 1
T18971	201 229	0.2	1.06	18	430	< 0.5	< 2	11.50	< 0.5	39	90	69	3.76	< 10	< 1	0.12	< 10	0.52	1520	< 1
T18972	201 229	< 0.2	0.71	54	220	< 0.5	< 2	0.50	1.0	30	40	56	6.04	< 10	< 1	0.04	20	0.36	2020	1
T18973	201 229	< 0.2	0.18	112	230	< 0.5	< 2	0.22	27.5	54	15	83	3.90	< 10	< 1	0.05	10	0.07	2720	1
T18974	201 229	< 0.2	0.19	90	170	< 0.5	< 2	0.46	25.0	50	37	56	3.28	< 10	< 1	0.06	10	0.07	1855	1
T18975	201 229	< 0.2	0.45	20	120	< 0.5	< 2	2.24	1.0	27	18	46	3.32	< 10	< 1	0.04	10	0.22	1020	< 1
T18976	201 229	< 0.2	1.63	30	220	< 0.5	< 2	1.24	1.0	25	35	37	4.42	< 10	< 1	0.08	20	0.84	805	< 1
T18977	201 229	< 0.2	1.25	82	220	< 0.5	< 2	2.37	3.0	42	43	48	3.96	< 10	< 1	0.08	20	0.66	1080	< 1
T18978	201 229	< 0.2	0.55	206	120	< 0.5	< 2	1.54	33.0	52	17	50	2.66	< 10	< 1	0.11	10	0.24	860	< 1
T18979	201 229	< 0.2	1.78	42	340	< 0.5	< 2	0.51	0.5	20	66	39	4.40	10	< 1	0.08	30	0.94	675	< 1
T18980	201 229	< 0.2	1.38	30	240	< 0.5	< 2	1.52	2.0	25	53	49	4.10	10	< 1	0.09	20	0.88	815	< 1
T18981	201 229	0.2	1.14	22	230	< 0.5	< 2	1.08	1.5	21	44	48	3.62	< 10	< 1	0.08	20	0.67	710	1
T18982	201 229	0.2	1.26	32	310	< 0.5	< 2	0.70	1.5	18	42	31	3.86	< 10	< 1	0.06	20	0.55	705	1
T18983	201 229	< 0.2	0.98	46	210	< 0.5	< 2	0.41	0.5	20	35	31	3.44	< 10	< 1	0.05	20	0.53	840	1
T18984	201 229	0.2	0.95	42	210	< 0.5	< 2	0.41	1.0	21	38	40	3.49	< 10	< 1	0.06	20	0.56	1325	1
T18985	201 229	0.2	1.39	18	220	< 0.5	< 2	0.39	0.5	23	68	54	4.34	10	< 1	0.06	30	0.81	1075	< 1
T18986	201 229	0.2	1.13	32	200	< 0.5	< 2	0.99	0.5	30	108	74	4.53	< 10	< 1	0.06	20	0.72	1250	1
T18987	201 229	< 0.2	0.78	18	200	< 0.5	< 2	0.48	< 0.5	16	42	36	3.62	< 10	< 1	0.06	30	0.43	1435	1
T18988	201 229	< 0.2	0.56	18	160	< 0.5	< 2	0.76	< 0.5	18	33	35	3.02	< 10	< 1	0.08	20	0.29	1340	1
T18989	201 229	0.2	1.10	28	240	< 0.5	< 2	1.89	2.0	20	72	39	3.59	< 10	< 1	0.12	20	0.97	710	1
T18990	201 229	0.2	1.37	16	370	< 0.5	< 2	4.44	1.5	19	77	43	3.61	< 10	< 1	0.15	10	1.01	695	1
T18991	201 229	< 0.2	1.27	20	290	< 0.5	< 2	1.27	1.5	18	47	46	3.05	< 10	< 1	0.12	20	0.83	1105	1
T18992	201 229	< 0.2	1.70	32	320	< 0.5	< 2	0.55	5.0	48	80	105	6.80	10	< 1	0.06	40	1.01	2940	3
T18993	201 229	< 0.2	1.50	< 2	70	< 0.5	< 2	0.30	1.5	36	16	74	5.85	10	< 1	0.07	40	0.83	910	2
T18994	201 229	< 0.2	2.02	38	290	< 0.5	< 2	0.89	2.0	41	20	107	8.46	10	< 1	0.07	40	1.26	2070	2
T18995	201 229	0.2	0.46	2	70	< 0.5	< 2	0.92	< 0.5	20	9	44	1.76	< 10	< 1	0.10	30	0.30	410	1
T18996	201 229	0.2	0.51	20	90	< 0.5	< 2	0.95	< 0.5	36	16	72	2.71	< 10	< 1	0.11	30	0.46	480	< 1
T18997	201 229	0.2	1.07	18	160	< 0.5	< 2	0.59	0.5	19	42	32	3.46	< 10	< 1	0.06	20	0.65	825	1
T18998	201 229	0.2	1.04	18	190	< 0.5	< 2	2.18	1.0	16	70	33	2.86	< 10	< 1	0.08	20	0.88	610	1
T18999	201 229	0.2	1.20	26	230	< 0.5	< 2	2.21	0.5	19	68	33	3.35	< 10	< 1	0.10	20	0.89	715	1

CERTIFICATION: *Janet Buchler*



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SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T18960	201 229	< 0.01	39	860	26	< 2	2	53	< 0.01	< 10	< 10	20	< 10	104
T18961	201 229	< 0.01	54	1100	8	< 2	3	35	0.02	< 10	< 10	39	< 10	88
T18962	201 229	0.01	52	1440	16	4	4	86	< 0.01	< 10	< 10	63	< 10	206
T18963	201 229	0.01	80	1060	18	2	4	70	0.02	< 10	< 10	43	< 10	140
T18964	201 229	0.01	119	1020	16	< 2	3	67	0.02	< 10	< 10	32	< 10	126
T18965	201 229	< 0.01	93	1000	20	< 2	4	74	0.02	< 10	< 10	37	< 10	128
T18966	201 229	< 0.01	394	970	8	< 2	20	168	0.02	< 10	< 10	117	20	108
T18967	201 229	< 0.01	114	1170	18	< 2	8	29	< 0.01	< 10	< 10	50	< 10	370
T18968	201 229	< 0.01	87	1230	12	< 2	5	23	< 0.01	< 10	< 10	29	< 10	350
T18969	201 229	< 0.01	111	1590	14	< 2	7	46	< 0.01	< 10	< 10	45	< 10	366
T18970	201 229	< 0.01	109	1850	10	< 2	6	345	< 0.01	< 10	< 10	41	10	350
T18971	201 229	< 0.01	94	1560	14	2	6	471	< 0.01	< 10	< 10	33	10	238
T18972	201 229	< 0.01	108	1540	14	< 2	4	27	< 0.01	< 10	< 10	19	< 10	684
T18973	201 229	< 0.01	115	440	20	< 2	1	19	< 0.01	< 10	< 10	3	10	6800
T18974	201 229	< 0.01	93	400	18	< 2	1	20	< 0.01	< 10	< 10	3	< 10	5880
T18975	201 229	< 0.01	59	1060	30	< 2	2	31	< 0.01	< 10	< 10	9	< 10	424
T18976	201 229	< 0.01	58	1270	20	< 2	4	38	< 0.01	< 10	< 10	35	< 10	890
T18977	201 229	< 0.01	82	1190	52	< 2	3	85	< 0.01	< 10	< 10	27	10	1670
T18978	201 229	< 0.01	86	690	92	< 2	2	45	< 0.01	< 10	< 10	9	10	6120
T18979	201 229	< 0.01	69	1170	24	< 2	7	27	0.01	< 10	< 10	58	< 10	722
T18980	201 229	< 0.01	66	1290	46	< 2	5	49	0.01	< 10	< 10	46	< 10	794
T18981	201 229	< 0.01	60	1090	54	< 2	4	39	< 0.01	< 10	< 10	36	< 10	562
T18982	201 229	< 0.01	42	1220	46	< 2	3	40	< 0.01	< 10	< 10	32	< 10	438
T18983	201 229	< 0.01	71	1240	36	< 2	3	26	0.01	< 10	< 10	30	< 10	524
T18984	201 229	< 0.01	69	1310	42	< 2	4	24	< 0.01	< 10	< 10	32	< 10	438
T18985	201 229	< 0.01	65	1080	28	< 2	4	20	< 0.01	< 10	< 10	32	< 10	208
T18986	201 229	< 0.01	122	1090	18	< 2	4	26	< 0.01	< 10	< 10	34	< 10	218
T18987	201 229	< 0.01	53	760	24	< 2	3	19	< 0.01	< 10	< 10	21	< 10	182
T18988	201 229	< 0.01	46	560	18	< 2	2	17	< 0.01	< 10	< 10	14	< 10	120
T18989	201 229	< 0.01	113	1270	84	< 2	4	68	0.01	< 10	< 10	35	< 10	1070
T18990	201 229	< 0.01	80	1270	46	< 2	5	182	0.01	< 10	< 10	47	10	608
T18991	201 229	0.01	61	1010	18	< 2	4	55	0.03	< 10	< 10	44	< 10	264
T18992	201 229	< 0.01	152	1580	22	< 2	6	26	< 0.01	< 10	< 10	39	< 10	1395
T18993	201 229	< 0.01	84	990	4	< 2	4	16	< 0.01	< 10	< 10	26	< 10	746
T18994	201 229	< 0.01	114	1920	28	< 2	4	38	< 0.01	< 10	< 10	36	< 10	958
T18995	201 229	< 0.01	53	770	26	< 2	2	31	< 0.01	< 10	< 10	7	< 10	150
T18996	201 229	< 0.01	105	640	32	< 2	2	37	< 0.01	< 10	< 10	11	< 10	194
T18997	201 229	< 0.01	49	1350	50	< 2	4	27	0.02	< 10	< 10	39	< 10	322
T18998	201 229	< 0.01	68	1230	54	< 2	4	96	0.03	< 10	< 10	42	< 10	506
T18999	201 229	0.01	62	1290	40	< 2	4	91	0.03	< 10	< 10	45	< 10	354

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T19000	201 229	< 0.2	1.31	16	220	< 0.5	< 2	1.53	0.5	17	55	36	3.22	< 10	< 1	0.11	20	0.88	690	1
T19001	201 229	0.2	1.25	14	190	< 0.5	< 2	1.10	< 0.5	17	37	33	2.90	< 10	< 1	0.10	20	0.71	695	1
T19002	201 229	0.2	0.91	24	200	< 0.5	< 2	2.34	0.5	14	51	28	2.77	< 10	< 1	0.04	10	0.73	515	1
T19003	201 229	< 0.2	1.06	22	220	< 0.5	< 2	2.34	1.0	15	64	31	3.01	< 10	< 1	0.06	20	0.85	600	< 1
T19004	201 229	< 0.2	1.20	22	160	< 0.5	< 2	2.02	< 0.5	16	46	24	3.13	< 10	< 1	0.05	20	0.78	595	< 1
T19005	201 229	0.2	1.53	28	140	< 0.5	< 2	2.31	< 0.5	21	59	40	4.03	10	< 1	0.07	30	0.97	850	< 1
T19006	201 229	0.4	1.10	24	100	< 0.5	< 2	2.88	< 0.5	25	36	48	3.81	10	< 1	0.09	40	0.62	1245	< 1
T19007	201 229	0.2	1.20	18	80	< 0.5	< 2	1.49	< 0.5	24	26	60	3.54	10	< 1	0.12	40	0.58	765	< 1
T19008	201 229	0.2	0.73	30	140	< 0.5	< 2	1.63	0.5	13	64	23	2.35	< 10	< 1	0.05	10	0.83	520	< 1
T19009	201 229	< 0.2	0.66	6	150	< 0.5	< 2	0.98	< 0.5	9	29	20	1.80	< 10	< 1	0.05	10	0.68	320	< 1
T19010	201 229	< 0.2	0.64	6	140	< 0.5	< 2	1.05	< 0.5	8	28	17	1.69	< 10	< 1	0.06	10	0.66	270	< 1
T19011	201 229	0.2	0.72	10	170	< 0.5	< 2	1.15	< 0.5	9	31	20	1.85	< 10	< 1	0.07	10	0.71	405	< 1
T19012	201 229	< 0.2	0.79	14	190	< 0.5	< 2	1.37	< 0.5	9	34	25	2.02	< 10	< 1	0.07	10	0.72	490	1
T19013	201 229	0.2	1.02	24	220	< 0.5	< 2	0.78	0.5	14	55	23	2.76	< 10	< 1	0.04	10	0.59	660	< 1
T19014	201 229	< 0.2	1.00	14	160	< 0.5	< 2	0.49	1.0	14	60	26	2.81	< 10	< 1	0.06	10	0.79	655	1
T19015	201 229	< 0.2	0.78	14	170	< 0.5	< 2	2.84	0.5	13	62	27	2.23	< 10	< 1	0.05	10	0.83	510	< 1
T19016	201 229	< 0.2	0.68	18	180	< 0.5	< 2	3.03	1.0	13	51	25	2.12	< 10	< 1	0.04	10	0.78	510	< 1
T19017	201 229	< 0.2	0.70	26	180	< 0.5	< 2	3.37	0.5	13	62	25	2.18	< 10	< 1	0.05	10	0.89	585	< 1
T19018	201 229	0.2	0.67	34	140	< 0.5	< 2	4.22	0.5	13	52	26	2.34	< 10	< 1	0.05	10	0.79	635	< 1
T19019	201 229	< 0.2	0.70	32	200	< 0.5	< 2	3.79	0.5	14	53	28	2.84	< 10	< 1	0.06	10	0.82	855	< 1
T19020	201 229	0.4	0.91	18	230	< 0.5	< 2	2.96	3.0	13	61	31	2.72	< 10	< 1	0.08	10	1.04	1035	< 1
T19021	201 229	0.2	1.16	36	240	< 0.5	< 2	3.45	1.0	16	89	36	3.12	< 10	< 1	0.10	10	1.19	730	1
T19022	201 229	0.4	1.21	38	360	< 0.5	< 2	3.62	1.0	17	69	24	3.47	< 10	< 1	0.06	10	0.95	925	1
T19023	201 229	0.2	0.91	40	240	< 0.5	< 2	5.59	1.0	15	76	28	2.91	< 10	< 1	0.06	10	1.03	770	< 1
T19024	201 229	0.2	0.84	52	270	< 0.5	< 2	7.43	< 0.5	15	63	30	2.76	< 10	< 1	0.07	10	0.82	715	< 1
T19025	201 229	0.2	0.67	22	200	< 0.5	< 2	6.08	3.0	15	70	29	2.46	< 10	< 1	0.03	10	0.85	595	< 1
T19026	201 229	0.2	0.34	32	210	< 0.5	< 2	>15.00	0.5	7	52	26	3.59	< 10	< 1	0.03	< 10	0.88	3130	< 1
T19027	201 229	0.4	0.95	28	210	< 0.5	< 2	0.91	1.5	16	74	26	3.58	< 10	< 1	0.03	20	0.90	940	1
T19028	201 229	0.2	0.88	38	140	< 0.5	< 2	3.01	1.0	15	85	29	2.78	< 10	< 1	0.06	10	1.07	580	< 1
T19029	201 229	0.4	1.31	26	290	< 0.5	< 2	6.03	4.0	22	123	41	4.00	< 10	< 1	0.06	10	1.47	1045	< 1
T19030	201 229	0.2	0.98	42	260	< 0.5	< 2	4.60	1.0	19	90	36	3.37	< 10	< 1	0.07	10	1.07	775	< 1
T19031	201 229	0.2	1.04	22	310	< 0.5	< 2	2.64	1.0	16	66	36	2.80	< 10	< 1	0.09	10	1.03	635	1
T19032	201 229	< 0.2	1.04	22	280	< 0.5	< 2	2.65	1.0	17	94	34	2.85	< 10	< 1	0.08	10	1.16	610	< 1
T19033	201 229	1.2	0.92	56	140	< 0.5	< 2	9.13	3.0	22	82	40	4.55	< 10	< 1	0.04	10	0.95	875	< 1
T19034	201 229	0.4	1.40	24	130	< 0.5	< 2	4.81	1.5	22	156	41	3.78	< 10	< 1	0.06	10	1.60	720	< 1
T19035	201 229	< 0.2	0.92	18	90	< 0.5	< 2	1.72	0.5	13	86	28	2.19	< 10	< 1	0.06	10	1.09	440	< 1
T19036	201 229	< 0.2	1.41	30	220	< 0.5	< 2	3.14	1.0	21	110	44	3.70	< 10	< 1	0.09	10	1.42	735	< 1
T19037	201 229	< 0.2	0.53	10	100	< 0.5	< 2	1.46	0.5	11	51	24	2.48	< 10	< 1	0.09	10	0.48	645	1
T19038	201 229	< 0.2	0.39	14	60	< 0.5	< 2	1.54	< 0.5	10	20	18	2.12	< 10	< 1	0.10	10	0.22	555	< 1
T19039	201 229	1.0	0.30	46	70	< 0.5	< 2	>15.00	1.5	16	32	33	3.06	< 10	< 1	0.03	< 10	0.43	700	< 1

CERTIFICATION: *[Signature]*



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 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS

A9321051

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T19000	201 229	0.01	54	1050	28	< 2	5	64	0.03	< 10	< 10	51	< 10	238
T19001	201 229	< 0.01	40	670	26	< 2	3	51	0.01	< 10	< 10	27	< 10	138
T19002	201 229	< 0.01	59	1070	80	< 2	3	99	0.02	< 10	< 10	34	< 10	504
T19003	201 229	< 0.01	63	1160	68	< 2	3	86	0.01	< 10	< 10	37	< 10	402
T19004	201 229	< 0.01	54	910	36	< 2	2	49	0.01	< 10	< 10	24	< 10	226
T19005	201 229	< 0.01	64	1010	42	< 2	3	45	< 0.01	< 10	< 10	29	< 10	220
T19006	201 229	< 0.01	72	930	114	< 2	2	32	< 0.01	< 10	< 10	15	< 10	188
T19007	201 229	< 0.01	64	760	40	< 2	1	24	< 0.01	< 10	< 10	11	< 10	184
T19008	201 229	< 0.01	83	1270	48	< 2	3	73	0.02	< 10	< 10	29	< 10	358
T19009	201 229	0.01	36	860	14	< 2	2	35	0.04	< 10	< 10	32	< 10	84
T19010	201 229	0.01	26	770	6	< 2	2	32	0.06	< 10	< 10	32	< 10	50
T19011	201 229	0.01	34	810	8	< 2	2	37	0.07	< 10	< 10	36	< 10	72
T19012	201 229	0.01	37	850	12	< 2	3	48	0.06	< 10	< 10	37	< 10	112
T19013	201 229	0.01	51	1170	56	< 2	2	45	0.01	< 10	< 10	31	< 10	362
T19014	201 229	< 0.01	70	1280	48	< 2	3	31	0.02	< 10	< 10	36	< 10	310
T19015	201 229	< 0.01	77	1180	46	< 2	3	137	0.02	< 10	< 10	28	< 10	248
T19016	201 229	< 0.01	67	1210	40	< 2	2	139	0.01	< 10	< 10	25	< 10	246
T19017	201 229	< 0.01	72	1080	42	< 2	2	137	0.01	< 10	< 10	24	< 10	328
T19018	201 229	< 0.01	62	1300	54	< 2	3	172	0.02	< 10	< 10	25	< 10	354
T19019	201 229	< 0.01	64	1460	60	< 2	3	152	0.01	< 10	< 10	26	< 10	340
T19020	201 229	0.01	65	1010	232	< 2	3	96	0.04	< 10	< 10	34	< 10	1580
T19021	201 229	0.01	83	880	90	< 2	4	123	0.03	< 10	< 10	41	< 10	464
T19022	201 229	0.02	78	1130	140	< 2	4	195	0.03	< 10	< 10	37	< 10	584
T19023	201 229	0.01	80	1270	118	< 2	4	253	0.03	< 10	< 10	34	< 10	576
T19024	201 229	0.01	67	1150	54	< 2	3	308	0.03	< 10	< 10	29	< 10	306
T19025	201 229	< 0.01	78	1270	152	< 2	3	246	0.02	< 10	< 10	28	< 10	1160
T19026	201 229	< 0.01	29	810	24	< 2	2	225	0.01	< 10	< 10	15	20	190
T19027	201 229	< 0.01	85	1660	132	< 2	4	46	0.02	< 10	< 10	39	< 10	1310
T19028	201 229	< 0.01	92	1400	94	< 2	3	133	0.02	< 10	< 10	34	< 10	654
T19029	201 229	< 0.01	115	1710	138	< 2	6	280	0.03	< 10	< 10	59	10	1610
T19030	201 229	< 0.01	108	1340	74	< 2	4	188	0.02	< 10	< 10	38	< 10	734
T19031	201 229	< 0.01	78	1170	54	< 2	3	108	0.02	< 10	< 10	36	< 10	406
T19032	201 229	0.01	91	1210	52	< 2	4	104	0.03	< 10	< 10	36	< 10	378
T19033	201 229	< 0.01	92	1620	294	< 2	6	391	0.01	< 10	< 10	37	10	1650
T19034	201 229	< 0.01	110	1650	112	< 2	6	208	0.04	< 10	< 10	58	< 10	852
T19035	201 229	< 0.01	74	1410	20	< 2	3	69	0.04	< 10	< 10	30	< 10	544
T19036	201 229	0.01	94	1240	70	< 2	6	150	0.04	< 10	< 10	53	< 10	836
T19037	201 229	< 0.01	51	600	42	< 2	2	53	< 0.01	< 10	< 10	16	< 10	696
T19038	201 229	< 0.01	27	530	28	< 2	1	37	< 0.01	< 10	< 10	6	< 10	252
T19039	201 229	< 0.01	51	1360	92	< 2	3	664	< 0.01	< 10	< 10	12	10	928

CERTIFICATION: *Hart Bichler*



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Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

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CERTIFICATE OF ANALYSIS A9321051

SAMPLE	PREP CODE		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
T19040	201	229	0.8	0.53	40	110	< 0.5	< 2	>15.00	3.0	14	56	33	3.14	< 10	< 1	0.03	< 10	0.70	820	< 1
T19041	201	229	4.2	0.86	40	190	< 0.5	< 2	8.17	13.5	20	86	46	4.53	< 10	< 1	0.04	10	0.86	1645	< 1
T19042	201	229	3.2	0.43	72	100	< 0.5	< 2	10.15	21.5	19	36	39	4.20	< 10	< 1	0.03	< 10	0.53	1785	< 1
T19043	201	229	3.8	0.31	26	70	< 0.5	< 2	13.65	29.0	11	35	31	3.35	< 10	< 1	0.04	< 10	1.13	2580	< 1
T19044	201	229	2.4	0.37	28	100	< 0.5	< 2	14.90	6.0	13	26	29	3.09	< 10	< 1	0.02	< 10	0.48	1120	1
T19045	201	229	0.4	0.23	36	50	< 0.5	< 2	>15.00	0.5	17	21	36	2.96	< 10	< 1	0.02	< 10	0.31	435	1
T19046	201	229	0.2	0.11	22	40	< 0.5	< 2	>15.00	< 0.5	9	12	19	1.85	< 10	< 1	0.03	< 10	0.26	305	1
T19047	201	229	0.2	1.26	36	130	< 0.5	< 2	4.93	< 0.5	25	34	43	5.21	< 10	< 1	0.03	20	0.79	690	< 1
T19048	201	229	0.2	1.49	32	180	< 0.5	< 2	3.57	< 0.5	22	54	46	4.41	< 10	< 1	0.04	10	1.11	665	1
T19049	201	229	0.2	0.98	38	160	< 0.5	< 2	5.99	< 0.5	34	32	68	5.84	< 10	< 1	0.05	10	0.70	925	1
T19050	201	229	0.2	1.50	24	110	< 0.5	< 2	7.10	0.5	34	81	51	5.56	< 10	< 1	0.03	10	1.25	915	< 1
T19051	201	229	< 0.2	1.28	50	140	< 0.5	< 2	7.93	1.5	32	123	68	6.00	< 10	< 1	0.03	10	1.44	1265	< 1
T19052	201	229	< 0.2	3.69	8	80	1.0	< 2	4.56	< 0.5	36	234	67	7.50	20	< 1	0.02	30	4.21	1050	< 1
T19053	201	229	< 0.2	3.22	12	170	1.0	< 2	4.97	< 0.5	38	468	106	6.33	10	< 1	0.08	20	4.19	695	< 1
T19054	201	229	< 0.2	0.35	18	80	< 0.5	< 2	3.45	< 0.5	13	38	30	2.74	< 10	< 1	0.13	20	0.41	530	< 1
T19055	201	229	< 0.2	1.03	26	260	< 0.5	< 2	4.78	< 0.5	16	72	38	3.50	< 10	< 1	0.09	20	0.70	635	< 1
T19056	201	229	< 0.2	0.28	26	130	< 0.5	< 2	2.24	< 0.5	17	12	33	3.14	< 10	< 1	0.17	10	0.14	780	< 1
T19057	201	229	< 0.2	0.38	16	80	< 0.5	< 2	1.36	< 0.5	12	17	22	2.18	< 10	< 1	0.19	20	0.19	415	< 1
T19058	201	229	< 0.2	0.44	24	170	< 0.5	< 2	0.49	< 0.5	14	17	84	2.56	< 10	< 1	0.30	10	0.12	410	1
T19059	201	229	< 0.2	0.33	12	140	< 0.5	< 2	0.19	< 0.5	11	13	20	2.74	< 10	< 1	0.19	20	0.14	725	< 1
T19060	201	229	< 0.2	0.42	28	130	< 0.5	< 2	0.35	< 0.5	13	17	32	2.56	< 10	< 1	0.20	10	0.19	520	< 1
T19061	201	229	< 0.2	0.31	22	110	< 0.5	< 2	0.62	< 0.5	12	24	23	2.87	< 10	< 1	0.20	20	0.11	865	1
T19062	201	229	< 0.2	0.29	14	90	< 0.5	< 2	0.42	< 0.5	11	49	15	2.50	< 10	< 1	0.20	20	0.07	765	2
T19063	201	229	< 0.2	0.45	22	170	< 0.5	< 2	0.23	< 0.5	12	13	20	2.95	< 10	< 1	0.16	20	0.11	690	< 1
T19064	201	229	< 0.2	0.26	22	100	< 0.5	< 2	0.17	< 0.5	10	15	25	2.56	< 10	< 1	0.15	10	0.08	610	< 1
T19065	201	229	0.2	0.15	14	70	< 0.5	< 2	0.12	< 0.5	9	10	22	2.34	< 10	< 1	0.12	10	0.04	815	< 1
T19066	201	229	< 0.2	2.93	4	30	0.5	< 2	2.07	< 0.5	24	76	19	6.11	10	< 1	0.02	20	2.28	635	< 1
T19067	201	229	< 0.2	2.84	6	210	0.5	< 2	2.20	< 0.5	25	81	32	6.34	10	< 1	0.09	20	2.25	770	< 1
T19068	201	229	< 0.2	2.76	8	340	0.5	< 2	2.71	< 0.5	26	66	30	6.37	10	< 1	0.20	10	2.24	885	< 1
T19069	201	229	< 0.2	0.61	36	170	< 0.5	< 2	0.98	< 0.5	23	28	52	3.23	< 10	< 1	0.09	10	0.29	830	1
T19070	201	229	0.2	0.33	56	90	< 0.5	< 2	0.88	0.5	34	17	59	2.10	< 10	< 1	0.09	10	0.15	485	< 1
T19071	201	229	< 0.2	0.59	42	90	< 0.5	< 2	1.33	< 0.5	26	34	49	2.74	< 10	< 1	0.10	20	0.30	710	1
T19072	201	229	< 0.2	1.69	18	110	< 0.5	< 2	1.52	0.5	26	83	42	4.19	10	< 1	0.21	30	0.98	705	< 1
T19073	201	229	< 0.2	1.66	10	30	< 0.5	< 2	0.84	< 0.5	20	31	21	3.51	< 10	< 1	0.20	20	1.18	565	1
T19074	201	229	< 0.2	0.81	4	30	< 0.5	< 2	0.50	< 0.5	7	18	12	3.16	< 10	< 1	0.13	20	0.70	305	1
T19075	201	229	< 0.2	0.87	28	150	< 0.5	< 2	0.42	< 0.5	17	65	32	3.43	< 10	< 1	0.11	20	0.65	995	< 1
T19076	201	229	< 0.2	0.79	24	140	< 0.5	< 2	0.58	< 0.5	20	50	34	3.13	< 10	< 1	0.17	30	0.43	635	< 1
T19077	201	229	< 0.2	0.51	20	90	< 0.5	< 2	1.05	< 0.5	20	24	33	3.69	< 10	< 1	0.13	20	0.27	795	< 1
T19078	201	229	< 0.2	0.42	12	110	< 0.5	< 2	0.22	< 0.5	14	12	28	3.66	< 10	< 1	0.05	10	0.15	650	< 1
T19079	201	229	< 0.2	0.45	14	100	< 0.5	< 2	0.23	< 0.5	14	27	31	3.92	< 10	< 1	0.08	10	0.23	745	1

CERTIFICATION: *Hart Buchler*



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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS A9321051

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T19040	201 229	< 0.01	56	1170	108	< 2	4	744	< 0.01	< 10	< 10	24	10	1350
T19041	201 229	< 0.01	72	1310	614	< 2	5	370	0.01	< 10	< 10	37	20	5880
T19042	201 229	< 0.01	63	1160	1500	< 2	3	328	< 0.01	< 10	< 10	17	20	6310
T19043	201 229	< 0.01	37	770	992	< 2	3	298	< 0.01	< 10	< 10	14	30	9300
T19044	201 229	< 0.01	46	1100	196	< 2	2	678	< 0.01	< 10	< 10	14	10	2570
T19045	201 229	< 0.01	63	1330	48	2	3	868	< 0.01	< 10	< 10	10	10	340
T19046	201 229	< 0.01	44	720	18	4	3	1190	< 0.01	< 10	< 10	6	20	178
T19047	201 229	< 0.01	67	1570	20	4	5	231	0.01	< 10	< 10	37	< 10	198
T19048	201 229	< 0.01	72	1310	16	< 2	5	130	0.01	< 10	< 10	51	< 10	154
T19049	201 229	< 0.01	69	1880	8	2	4	124	< 0.01	< 10	< 10	29	< 10	328
T19050	201 229	< 0.01	89	1890	22	< 2	7	210	< 0.01	< 10	< 10	48	< 10	270
T19051	201 229	< 0.01	125	2080	28	< 2	6	245	< 0.01	< 10	< 10	39	< 10	860
T19052	201 229	< 0.01	134	2690	8	< 2	14	220	0.01	< 10	< 10	138	< 10	238
T19053	201 229	< 0.01	177	2290	8	< 2	19	258	0.03	< 10	< 10	158	< 10	120
T19054	201 229	< 0.01	44	650	16	< 2	2	183	< 0.01	< 10	< 10	11	< 10	66
T19055	201 229	< 0.01	80	910	28	2	4	243	< 0.01	< 10	< 10	30	< 10	122
T19056	201 229	< 0.01	27	610	22	< 2	1	86	< 0.01	< 10	< 10	4	< 10	64
T19057	201 229	< 0.01	24	550	20	< 2	1	66	< 0.01	< 10	< 10	7	< 10	68
T19058	201 229	0.01	31	470	16	< 2	1	19	< 0.01	< 10	< 10	4	< 10	88
T19059	201 229	< 0.01	25	390	38	< 2	1	16	< 0.01	< 10	< 10	3	< 10	46
T19060	201 229	< 0.01	30	560	24	< 2	1	19	< 0.01	< 10	< 10	6	< 10	122
T19061	201 229	< 0.01	34	440	24	< 2	2	17	< 0.01	< 10	< 10	4	< 10	384
T19062	201 229	0.01	31	470	42	< 2	1	15	< 0.01	< 10	< 10	3	< 10	360
T19063	201 229	< 0.01	22	360	22	2	1	14	< 0.01	< 10	< 10	6	< 10	118
T19064	201 229	< 0.01	21	480	34	< 2	1	11	< 0.01	< 10	< 10	4	< 10	88
T19065	201 229	< 0.01	15	360	44	< 2	1	8	< 0.01	< 10	< 10	2	< 10	230
T19066	201 229	< 0.01	27	1460	88	< 2	18	96	0.01	< 10	< 10	172	< 10	106
T19067	201 229	0.01	30	1550	26	< 2	19	111	0.02	< 10	< 10	170	< 10	104
T19068	201 229	0.01	21	1620	20	< 2	21	141	0.04	< 10	< 10	188	< 10	102
T19069	201 229	< 0.01	57	1020	22	< 2	3	30	< 0.01	< 10	< 10	18	< 10	272
T19070	201 229	< 0.01	43	690	102	< 2	1	28	< 0.01	< 10	< 10	8	< 10	436
T19071	201 229	< 0.01	53	860	50	< 2	2	43	< 0.01	< 10	< 10	14	< 10	404
T19072	201 229	< 0.01	70	870	34	< 2	4	59	< 0.01	< 10	< 10	30	< 10	308
T19073	201 229	< 0.01	47	680	10	< 2	2	31	< 0.01	< 10	< 10	22	< 10	134
T19074	201 229	< 0.01	16	560	16	< 2	1	21	< 0.01	< 10	< 10	6	< 10	82
T19075	201 229	< 0.01	72	1080	20	< 2	4	26	0.02	< 10	< 10	31	< 10	130
T19076	201 229	< 0.01	56	930	22	< 2	3	30	< 0.01	< 10	< 10	21	< 10	116
T19077	201 229	< 0.01	39	820	28	< 2	2	30	< 0.01	< 10	< 10	12	< 10	136
T19078	201 229	< 0.01	36	790	18	< 2	2	16	< 0.01	< 10	< 10	7	< 10	112
T19079	201 229	< 0.01	43	830	16	< 2	2	14	< 0.01	< 10	< 10	12	< 10	108

CERTIFICATION: *Scott Buchler*



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 British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS A9321051

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T19080	201 229	< 0.2	0.32	10	120	< 0.5	< 2	0.16	< 0.5	18	13	33	4.24	< 10	< 1	0.07	10	0.13	860	< 1
T19081	201 229	< 0.2	0.31	10	90	< 0.5	< 2	0.18	< 0.5	18	13	34	4.37	< 10	< 1	0.07	10	0.13	830	1
T19082	201 229	< 0.2	0.93	28	100	< 0.5	< 2	0.21	< 0.5	31	21	63	6.67	< 10	< 1	0.08	< 10	0.48	770	< 1
T19083	201 229	< 0.2	0.33	14	130	< 0.5	< 2	1.75	< 0.5	24	14	31	4.71	< 10	< 1	0.07	10	0.37	1155	< 1
T19084	201 229	< 0.2	0.18	4	30	< 0.5	< 2	0.50	< 0.5	11	4	15	2.94	< 10	< 1	0.09	10	0.15	565	< 1
T19085	201 229	< 0.2	0.61	24	190	< 0.5	< 2	0.29	< 0.5	17	44	37	4.07	< 10	< 1	0.07	10	0.33	775	1
T19086	201 229	< 0.2	0.34	16	140	< 0.5	< 2	0.25	< 0.5	17	18	34	4.63	< 10	< 1	0.07	10	0.19	890	1
T19087	201 229	< 0.2	0.27	14	90	< 0.5	< 2	1.45	< 0.5	21	16	23	4.78	< 10	< 1	0.07	10	0.13	1450	< 1
T19088	201 229	< 0.2	0.51	18	90	< 0.5	< 2	0.26	< 0.5	18	15	42	4.78	< 10	< 1	0.06	10	0.22	555	< 1
T19089	201 229	< 0.2	0.38	12	100	< 0.5	< 2	0.30	< 0.5	30	12	51	6.47	< 10	< 1	0.07	10	0.17	1330	1
T19090	201 229	< 0.2	0.47	22	90	< 0.5	< 2	0.26	< 0.5	29	15	36	6.00	< 10	< 1	0.08	10	0.20	1455	1
T19091	201 229	< 0.2	0.41	6	50	< 0.5	< 2	0.42	< 0.5	10	10	18	3.10	< 10	< 1	0.11	10	0.52	330	< 1
T19092	201 229	< 0.2	1.11	28	260	< 0.5	< 2	0.42	0.5	20	71	37	3.67	< 10	< 1	0.14	20	0.60	685	1
T19093	201 229	0.2	0.17	12	70	< 0.5	< 2	0.15	< 0.5	25	7	44	3.92	< 10	< 1	0.08	10	0.06	525	1
T19094	201 229	< 0.2	0.31	10	120	< 0.5	< 2	0.24	< 0.5	20	10	41	4.04	< 10	< 1	0.09	20	0.11	440	1
T19095	201 229	< 0.2	0.38	14	120	< 0.5	< 2	0.25	0.5	25	14	54	5.62	< 10	< 1	0.09	20	0.17	1150	1
T19096	201 229	< 0.2	1.20	12	40	< 0.5	< 2	0.42	< 0.5	38	30	67	6.02	< 10	< 1	0.07	< 10	0.84	795	1
T19097	201 229	< 0.2	0.47	4	230	< 0.5	< 2	0.17	< 0.5	20	11	49	4.08	< 10	< 1	0.14	20	0.14	945	1
T19098	201 229	< 0.2	0.34	12	80	< 0.5	< 2	0.32	< 0.5	12	15	19	2.24	< 10	< 1	0.15	30	0.08	530	1
T19099	201 229	< 0.2	0.39	12	100	< 0.5	< 2	0.34	< 0.5	12	35	35	1.99	< 10	< 1	0.25	20	0.06	360	1
T19100	201 229	< 0.2	0.35	20	140	< 0.5	< 2	0.19	< 0.5	14	8	25	2.46	< 10	< 1	0.23	10	0.07	680	< 1
T19101	201 229	< 0.2	0.26	16	110	< 0.5	< 2	0.39	< 0.5	11	13	24	2.63	< 10	< 1	0.24	20	0.07	1045	< 1
T19102	201 229	< 0.2	0.33	16	120	< 0.5	< 2	1.01	< 0.5	12	23	20	2.51	< 10	< 1	0.24	20	0.10	840	1
T19103	201 229	< 0.2	0.29	22	150	< 0.5	< 2	0.35	< 0.5	7	12	14	1.11	< 10	< 1	0.22	10	0.04	615	1
T19105	201 229	< 0.2	0.21	10	120	< 0.5	< 2	0.77	< 0.5	4	27	9	0.83	< 10	< 1	0.20	10	0.02	540	1
T19106	201 229	< 0.2	0.61	18	210	< 0.5	< 2	0.18	< 0.5	9	22	16	1.67	< 10	< 1	0.15	20	0.17	555	< 1
T19107	201 229	< 0.2	0.37	16	240	< 0.5	< 2	0.16	< 0.5	6	11	16	1.18	< 10	< 1	0.26	20	0.09	555	< 1
T19108	201 229	< 0.2	0.27	20	140	< 0.5	< 2	0.08	< 0.5	9	11	18	1.84	< 10	< 1	0.28	20	0.06	470	< 1
T19109	201 229	< 0.2	0.15	12	130	< 0.5	< 2	0.06	< 0.5	10	18	19	2.05	< 10	< 1	0.26	20	0.02	735	1
T19110	201 229	< 0.2	0.99	16	320	< 0.5	< 2	2.35	0.5	15	90	35	3.04	< 10	< 1	0.13	20	1.03	630	1
T19111	201 229	< 0.2	1.01	14	210	< 0.5	< 2	1.89	< 0.5	21	30	52	4.13	< 10	< 1	0.19	40	1.03	860	1
T19112	201 229	< 0.2	2.43	2	220	< 0.5	< 2	4.05	< 0.5	46	1550	57	5.09	< 10	< 1	< 0.01	10	3.91	670	< 1
T19113	201 229	< 0.2	0.55	18	290	< 0.5	< 2	0.32	< 0.5	15	74	32	2.64	< 10	< 1	0.23	10	0.33	970	1
T19114	201 229	< 0.2	1.62	20	490	< 0.5	< 2	1.55	< 0.5	26	365	55	5.03	< 10	< 1	0.10	20	1.64	1255	1
T19115	201 229	< 0.2	2.53	18	260	< 0.5	< 2	2.06	< 0.5	33	209	57	6.20	10	< 1	0.13	30	2.28	975	< 1
T19116	201 229	< 0.2	3.15	< 2	210	< 0.5	< 2	2.81	< 0.5	29	69	35	7.72	10	< 1	0.15	20	1.94	1085	< 1
T19117	201 229	< 0.2	1.39	4	180	< 0.5	< 2	1.95	< 0.5	19	69	34	4.43	< 10	< 1	0.22	30	0.82	740	1
T19118	201 229	< 0.2	1.55	26	220	< 0.5	< 2	0.65	< 0.5	27	82	46	5.98	< 10	< 1	0.15	30	0.88	955	1
T19119	201 229	0.6	0.74	36	170	< 0.5	< 2	5.63	2.5	21	47	52	5.25	< 10	< 1	0.15	20	0.49	980	1
T19120	201 229	< 0.2	0.43	22	80	< 0.5	< 2	3.15	< 0.5	28	32	41	4.16	< 10	< 1	0.13	30	0.29	685	< 1

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CERTIFICATE OF ANALYSIS A9321051

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T19080	201 229	< 0.01	41	580	18	< 2	2	13	< 0.01	< 10	< 10	7	< 10	92
T19081	201 229	< 0.01	40	580	12	< 2	2	15	< 0.01	< 10	< 10	5	< 10	80
T19082	201 229	< 0.01	65	600	24	2	2	17	< 0.01	< 10	< 10	9	< 10	114
T19083	201 229	< 0.01	36	890	14	< 2	2	40	< 0.01	< 10	< 10	7	< 10	88
T19084	201 229	0.01	19	360	12	< 2	1	20	< 0.01	< 10	< 10	2	< 10	44
T19085	201 229	< 0.01	65	820	16	< 2	3	19	< 0.01	< 10	< 10	18	< 10	98
T19086	201 229	< 0.01	45	720	34	< 2	2	18	< 0.01	< 10	< 10	11	< 10	86
T19087	201 229	< 0.01	35	390	12	< 2	2	22	< 0.01	< 10	< 10	8	< 10	90
T19088	201 229	< 0.01	48	700	10	< 2	2	20	< 0.01	< 10	< 10	9	< 10	258
T19089	201 229	< 0.01	59	900	14	< 2	3	24	< 0.01	< 10	< 10	7	< 10	110
T19090	201 229	< 0.01	56	790	16	< 2	3	22	< 0.01	< 10	< 10	9	< 10	154
T19091	201 229	< 0.01	23	530	12	< 2	1	27	< 0.01	< 10	< 10	4	< 10	86
T19092	201 229	< 0.01	80	1020	26	< 2	4	28	0.01	< 10	< 10	32	< 10	572
T19093	201 229	< 0.01	58	590	14	< 2	1	13	< 0.01	< 10	< 10	3	< 10	210
T19094	201 229	< 0.01	41	680	26	< 2	1	19	< 0.01	< 10	< 10	5	< 10	210
T19095	201 229	< 0.01	59	770	26	< 2	3	22	< 0.01	< 10	< 10	7	< 10	554
T19096	201 229	< 0.01	57	750	4	< 2	3	20	< 0.01	< 10	< 10	14	< 10	256
T19097	201 229	< 0.01	44	500	30	< 2	2	10	< 0.01	< 10	< 10	5	< 10	68
T19098	201 229	< 0.01	24	480	18	< 2	1	14	< 0.01	< 10	< 10	4	< 10	84
T19099	201 229	0.01	23	330	28	< 2	1	17	< 0.01	< 10	< 10	4	< 10	166
T19100	201 229	< 0.01	22	460	16	< 2	1	12	< 0.01	< 10	< 10	2	< 10	74
T19101	201 229	< 0.01	22	450	8	< 2	1	11	< 0.01	< 10	< 10	3	< 10	34
T19102	201 229	0.01	22	340	16	< 2	1	26	< 0.01	< 10	< 10	4	< 10	42
T19103	201 229	< 0.01	14	250	26	< 2	< 1	15	< 0.01	< 10	< 10	2	< 10	34
T19105	201 229	< 0.01	9	330	16	< 2	< 1	43	< 0.01	< 10	< 10	1	< 10	14
T19106	201 229	< 0.01	27	250	18	< 2	2	12	< 0.01	< 10	< 10	9	< 10	124
T19107	201 229	< 0.01	17	200	34	< 2	1	11	< 0.01	< 10	< 10	3	< 10	78
T19108	201 229	< 0.01	16	320	24	< 2	1	9	< 0.01	< 10	< 10	2	< 10	44
T19109	201 229	< 0.01	19	320	18	< 2	1	7	< 0.01	< 10	< 10	1	< 10	50
T19110	201 229	< 0.01	76	950	18	2	4	81	0.01	< 10	< 10	37	< 10	110
T19111	201 229	< 0.01	44	620	6	2	3	55	0.01	< 10	< 10	26	< 10	44
T19112	201 229	< 0.01	244	1470	< 2	< 2	13	120	0.02	< 10	< 10	145	< 10	56
T19113	201 229	< 0.01	38	420	42	< 2	2	20	< 0.01	< 10	< 10	11	< 10	114
T19114	201 229	< 0.01	149	820	34	< 2	8	83	< 0.01	< 10	< 10	62	< 10	180
T19115	201 229	< 0.01	92	1530	58	< 2	9	127	< 0.01	< 10	< 10	90	< 10	356
T19116	201 229	0.01	37	2510	4	< 2	12	151	0.01	< 10	< 10	133	< 10	342
T19117	201 229	0.01	46	1330	62	< 2	5	102	< 0.01	< 10	< 10	49	< 10	386
T19118	201 229	< 0.01	86	1260	36	< 2	10	42	< 0.01	< 10	< 10	65	< 10	296
T19119	201 229	< 0.01	63	1430	466	2	6	160	< 0.01	< 10	< 10	25	< 10	1130
T19120	201 229	< 0.01	65	1080	36	2	3	74	< 0.01	< 10	< 10	15	< 10	160

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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

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CERTIFICATE OF ANALYSIS

A9321051

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T19121	201 229	< 0.2	0.33	30	100	< 0.5	< 2	1.34	< 0.5	25	17	33	3.51	< 10	< 1	0.09	10	0.16	950	< 1
T19122	201 229	< 0.2	0.23	24	160	< 0.5	< 2	1.08	< 0.5	21	12	34	4.29	< 10	< 1	0.08	10	0.22	1375	< 1
T19123	201 229	< 0.2	0.20	14	60	< 0.5	< 2	0.73	< 0.5	17	9	30	3.23	< 10	< 1	0.08	10	0.45	555	< 1
T19124	201 229	< 0.2	0.29	40	40	< 0.5	2	1.19	< 0.5	16	18	27	2.70	< 10	< 1	0.11	10	0.63	395	< 1
T19125	201 229	0.2	0.21	4	30	< 0.5	< 2	>15.00	< 0.5	3	19	10	0.71	< 10	< 1	0.01	< 10	0.28	1170	< 1
T19126	201 229	0.2	0.22	12	40	< 0.5	< 2	>15.00	< 0.5	3	20	16	0.90	< 10	< 1	0.03	< 10	0.26	525	< 1
T19127	201 229	0.2	0.16	< 2	20	< 0.5	< 2	>15.00	< 0.5	2	17	13	0.71	< 10	< 1	0.03	< 10	0.21	310	< 1
T19128	201 229	< 0.2	1.03	16	320	< 0.5	2	0.45	< 0.5	8	51	17	2.02	< 10	< 1	0.03	10	0.52	270	< 1
T19129	201 229	0.4	0.29	68	150	< 0.5	< 2	5.95	< 0.5	13	19	56	4.08	< 10	< 1	0.03	< 10	0.17	480	1
T19130	201 229	0.2	0.15	40	100	< 0.5	< 2	>15.00	< 0.5	8	15	55	2.52	< 10	< 1	0.03	< 10	0.22	505	1
T19131	201 229	0.2	0.17	8	30	< 0.5	< 2	>15.00	< 0.5	3	21	18	0.96	< 10	< 1	0.03	< 10	0.22	285	< 1
T19132	201 229	< 0.2	0.46	16	230	< 0.5	< 2	0.16	< 0.5	19	20	63	5.35	< 10	< 1	0.06	10	0.14	1365	1
T19133	201 229	< 0.2	0.28	12	110	< 0.5	< 2	0.17	< 0.5	23	10	99	5.49	< 10	< 1	0.05	10	0.10	585	1
T19134	201 229	< 0.2	0.26	14	90	< 0.5	< 2	2.13	< 0.5	15	15	47	3.88	< 10	< 1	0.05	< 10	0.18	615	< 1
T19135	201 229	< 0.2	0.36	14	130	< 0.5	< 2	0.70	< 0.5	23	21	60	4.92	< 10	< 1	0.07	< 10	0.18	955	1
T19136	201 229	< 0.2	0.29	6	90	< 0.5	< 2	0.45	< 0.5	24	17	65	4.53	< 10	< 1	0.11	10	0.07	620	1
T19137	201 229	< 0.2	0.43	8	110	< 0.5	2	2.95	< 0.5	22	20	49	6.09	< 10	< 1	0.11	< 10	0.28	1180	1
T19138	201 229	< 0.2	1.03	22	320	< 0.5	< 2	0.71	< 0.5	13	79	29	2.42	< 10	< 1	0.06	10	1.02	405	1
T19139	201 229	< 0.2	0.43	20	130	< 0.5	< 2	0.95	< 0.5	18	17	49	5.19	< 10	< 1	0.06	10	0.21	875	< 1
T19140	201 229	< 0.2	0.29	6	130	< 0.5	< 2	2.33	< 0.5	10	17	22	3.54	< 10	< 1	0.06	< 10	0.17	1115	< 1
T19141	201 229	< 0.2	0.40	16	160	< 0.5	< 2	3.32	0.5	22	22	32	6.37	< 10	< 1	0.07	< 10	0.27	2180	2
T19142	201 229	< 0.2	0.21	4	120	< 0.5	< 2	2.15	< 0.5	5	20	17	3.30	< 10	< 1	0.09	< 10	0.10	805	< 1
T19143	201 229	< 0.2	0.67	14	250	< 0.5	< 2	0.21	< 0.5	11	36	20	3.17	< 10	< 1	0.05	10	0.38	905	1
T19144	201 229	0.6	0.31	16	220	< 0.5	< 2	0.55	< 0.5	49	10	176	10.20	< 10	< 1	0.04	< 10	0.09	3170	2
T19145	201 229	0.2	0.34	20	110	< 0.5	< 2	1.44	< 0.5	24	19	85	5.46	< 10	< 1	0.07	10	0.17	860	1
T19146	201 229	1.2	0.33	28	130	< 0.5	< 2	4.50	< 0.5	18	22	80	5.22	< 10	< 1	0.08	< 10	0.19	1535	1

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 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

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CERTIFICATE OF ANALYSIS

A9321051

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T19121	201 229	< 0.01	45	550	56	4	3	47	< 0.01	< 10	< 10	7	< 10	128
T19122	201 229	< 0.01	48	550	10	6	2	42	< 0.01	< 10	< 10	5	< 10	138
T19123	201 229	< 0.01	38	430	12	6	2	34	< 0.01	< 10	< 10	3	< 10	104
T19124	201 229	< 0.01	38	480	20	4	2	84	< 0.01	< 10	< 10	3	< 10	86
T19125	201 229	< 0.01	13	600	6	< 2	1	1405	< 0.01	< 10	< 10	8	10	24
T19126	201 229	< 0.01	16	590	12	2	1	1525	< 0.01	< 10	< 10	9	10	34
T19127	201 229	< 0.01	14	490	16	2	1	1815	< 0.01	< 10	< 10	7	10	34
T19128	201 229	< 0.01	43	360	8	< 2	2	31	0.02	< 10	< 10	30	< 10	52
T19129	201 229	0.01	49	1430	46	6	2	406	< 0.01	< 10	< 10	9	< 10	112
T19130	201 229	< 0.01	31	1730	24	6	2	973	< 0.01	< 10	< 10	6	10	102
T19131	201 229	< 0.01	15	910	18	2	1	1480	< 0.01	< 10	< 10	7	10	94
T19132	201 229	< 0.01	50	350	70	< 2	4	12	< 0.01	< 10	< 10	7	< 10	564
T19133	201 229	< 0.01	60	420	70	< 2	3	10	< 0.01	< 10	< 10	4	< 10	434
T19134	201 229	< 0.01	39	650	76	< 2	2	27	< 0.01	< 10	< 10	6	< 10	494
T19135	201 229	< 0.01	55	510	48	< 2	2	20	< 0.01	< 10	< 10	7	< 10	538
T19136	201 229	< 0.01	49	680	14	< 2	2	35	< 0.01	< 10	< 10	3	< 10	274
T19137	201 229	0.01	43	1600	18	2	4	77	< 0.01	< 10	< 10	6	< 10	238
T19138	201 229	< 0.01	112	730	14	< 2	3	34	0.03	< 10	< 10	36	< 10	94
T19139	201 229	< 0.01	56	650	18	2	3	19	< 0.01	< 10	< 10	8	< 10	180
T19140	201 229	< 0.01	24	520	20	< 2	2	27	< 0.01	< 10	< 10	5	< 10	216
T19141	201 229	< 0.01	32	2500	22	< 2	3	62	< 0.01	< 10	< 10	10	< 10	858
T19142	201 229	< 0.01	19	410	6	< 2	1	23	< 0.01	< 10	< 10	3	< 10	192
T19143	201 229	< 0.01	36	580	10	< 2	2	12	0.01	< 10	< 10	20	< 10	190
T19144	201 229	< 0.01	131	2590	158	2	5	38	< 0.01	< 10	< 10	4	< 10	338
T19145	201 229	< 0.01	61	760	34	< 2	3	22	< 0.01	< 10	< 10	7	< 10	216
T19146	201 229	< 0.01	51	1230	184	2	3	119	< 0.01	< 10	< 10	7	< 10	572

CERTIFICATION:

Hart Buchler



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CERTIFICATE OF ANALYSIS A9321385

SAMPLE	PREP		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
	CODE		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
S07606	201	229	< 0.2	0.98	20	310	< 0.5	< 2	0.98	0.5	16	80	14	3.55	< 10	< 1	0.07	20	0.92	1625	< 1
S07607	203	229	< 0.2	0.74	14	220	< 0.5	< 2	1.83	0.5	11	147	17	2.24	< 10	< 1	0.08	20	0.87	615	< 1
S07608	203	229	< 0.2	0.74	16	210	< 0.5	< 2	1.76	0.5	10	128	17	2.06	< 10	< 1	0.09	20	0.92	635	< 1
S07609	201	229	< 0.2	0.65	18	170	< 0.5	< 2	1.43	0.5	11	64	17	2.13	< 10	< 1	0.05	20	0.65	590	< 1
S07610	201	229	< 0.2	0.86	26	220	< 0.5	< 2	1.49	0.5	13	68	20	2.65	< 10	< 1	0.06	20	0.94	930	< 1
S07611	203	229	< 0.2	0.66	6	240	< 0.5	< 2	1.00	0.5	9	137	13	1.82	< 10	< 1	0.08	10	0.94	535	< 1
S07612	201	229	< 0.2	0.56	16	140	< 0.5	< 2	1.23	0.5	10	55	14	1.85	< 10	< 1	0.04	10	0.65	515	< 1
S07613	201	229	< 0.2	1.13	24	570	0.5	2	0.46	0.5	12	65	41	2.46	< 10	< 1	0.08	20	0.72	320	1
S07614	201	229	0.2	1.38	26	640	0.5	< 2	0.57	0.5	13	47	56	2.94	< 10	< 1	0.12	20	0.68	475	2
S07615	201	229	0.2	1.42	18	540	0.5	< 2	1.00	0.5	13	45	60	2.91	< 10	< 1	0.16	20	0.70	390	1
S07616	201	229	< 0.2	0.84	32	200	< 0.5	2	0.46	< 0.5	11	65	19	2.14	< 10	< 1	0.06	10	0.70	490	< 1
S07617	201	229	0.2	1.11	22	360	< 0.5	< 2	1.00	0.5	15	75	29	2.65	< 10	< 1	0.10	20	0.77	545	< 1
S07618	201	229	0.2	1.13	14	380	0.5	2	0.89	0.5	12	50	31	2.50	< 10	< 1	0.10	20	0.64	345	< 1
S07619	201	229	< 0.2	1.08	12	410	< 0.5	< 2	1.05	1.0	12	47	27	2.16	< 10	< 1	0.11	20	0.61	520	< 1
S07620	201	229	0.2	1.10	16	410	0.5	< 2	0.93	0.5	13	49	33	2.69	< 10	< 1	0.09	20	0.61	515	< 1
S07621	201	229	0.2	1.08	6	470	0.5	< 2	1.08	1.0	8	42	34	1.97	< 10	< 1	0.10	20	0.52	440	< 1
S07622	201	229	< 0.2	1.07	18	270	< 0.5	< 2	0.57	0.5	14	92	20	2.71	< 10	< 1	0.09	20	1.02	405	< 1
S07623	201	229	0.2	0.99	2	200	< 0.5	< 2	4.48	0.5	10	50	32	2.16	< 10	< 1	0.18	< 10	0.60	265	< 1
S07624	201	229	< 0.2	0.92	14	140	< 0.5	< 2	0.90	< 0.5	13	64	22	2.56	< 10	< 1	0.16	20	0.63	470	< 1
S07625	201	229	< 0.2	1.21	14	360	0.5	< 2	0.72	< 0.5	13	58	32	2.53	< 10	< 1	0.13	20	0.70	460	1
S07626	201	229	< 0.2	1.24	20	480	0.5	< 2	0.47	< 0.5	13	56	25	2.79	< 10	< 1	0.09	20	0.63	400	1
S07627	201	229	0.2	0.96	8	350	< 0.5	< 2	0.39	< 0.5	10	48	23	1.97	< 10	< 1	0.06	20	0.55	345	1
S07628	201	229	< 0.2	1.00	12	350	< 0.5	< 2	0.44	0.5	10	48	17	2.01	< 10	< 1	0.06	20	0.57	355	< 1
S07629	201	229	< 0.2	1.15	14	380	0.5	< 2	0.45	< 0.5	11	58	26	2.30	< 10	< 1	0.08	20	0.65	420	1
S07630	201	229	< 0.2	1.01	18	420	< 0.5	2	0.68	< 0.5	10	53	22	2.10	< 10	< 1	0.07	20	0.63	345	1
S07631	201	229	< 0.2	1.02	16	310	< 0.5	< 2	0.39	< 0.5	11	56	20	2.33	< 10	< 1	0.07	20	0.51	515	1
S07632	201	229	< 0.2	1.20	12	490	0.5	< 2	0.49	< 0.5	11	56	27	2.35	< 10	< 1	0.07	20	0.64	415	1
S07633	201	229	< 0.2	1.07	14	370	< 0.5	< 2	0.32	< 0.5	11	48	16	2.02	< 10	< 1	0.07	20	0.54	565	1
S07634	201	229	< 0.2	1.12	16	350	0.5	< 2	0.39	< 0.5	10	62	19	2.41	< 10	< 1	0.07	20	0.62	395	< 1
S07635	201	229	< 0.2	1.03	16	220	< 0.5	< 2	0.44	< 0.5	10	61	16	2.24	< 10	< 1	0.08	20	0.64	330	< 1
S07636	201	229	< 0.2	1.10	12	420	0.5	< 2	0.84	0.5	12	48	27	2.35	< 10	< 1	0.10	20	0.57	535	1
S07637	201	229	< 0.2	1.08	12	430	0.5	< 2	0.78	0.5	10	37	25	2.19	< 10	< 1	0.10	20	0.51	325	1
S07638	201	229	< 0.2	1.09	14	460	0.5	< 2	0.91	0.5	11	42	32	2.31	< 10	< 1	0.10	20	0.57	385	1
S07639	201	229	< 0.2	0.92	14	280	< 0.5	< 2	0.71	0.5	10	42	26	2.25	< 10	< 1	0.09	20	0.52	350	< 1
S07640	201	229	< 0.2	0.94	12	320	< 0.5	< 2	0.93	1.0	11	39	19	2.26	< 10	< 1	0.10	10	0.54	865	1
S07641	201	229	< 0.2	1.07	18	300	< 0.5	< 2	1.09	0.5	13	76	30	2.52	< 10	< 1	0.10	20	0.81	425	< 1
S07642	201	229	0.4	1.30	14	590	0.5	< 2	1.16	0.5	11	53	47	2.38	< 10	< 1	0.10	20	0.57	460	1
S07643	201	229	< 0.2	0.88	16	220	0.5	< 2	0.22	0.5	13	54	13	2.78	< 10	< 1	0.06	20	0.44	425	2
S07644	201	229	< 0.2	1.26	40	260	0.5	< 2	0.40	0.5	27	310	20	3.66	< 10	< 1	0.08	10	2.11	725	< 1
S07645	201	229	0.2	1.11	12	630	0.5	< 2	0.53	0.5	9	36	43	2.06	< 10	< 1	0.13	20	0.44	315	1

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Jan A. Bickler



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 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS

A9321385

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S07606	201 229	0.01	67	1120	52	< 2	3	56	0.03	< 10	< 10	37	< 10	314
S07607	203 229	0.01	72	970	30	< 2	2	90	0.03	< 10	< 10	30	< 10	206
S07608	203 229	0.01	65	900	36	< 2	2	85	0.03	< 10	< 10	30	< 10	212
S07609	201 229	< 0.01	63	1320	34	2	2	67	0.03	< 10	< 10	27	< 10	220
S07610	201 229	0.01	70	1020	42	< 2	3	70	0.02	< 10	< 10	30	< 10	286
S07611	203 229	0.01	58	810	26	< 2	2	52	0.01	< 10	< 10	25	< 10	150
S07612	201 229	< 0.01	60	1360	32	< 2	2	57	0.01	< 10	< 10	22	< 10	192
S07613	201 229	< 0.01	90	820	12	2	4	35	0.02	< 10	< 10	43	< 10	106
S07614	201 229	0.01	66	1000	18	2	5	38	0.01	< 10	< 10	58	< 10	164
S07615	201 229	0.01	65	1180	14	2	5	65	0.01	< 10	< 10	57	< 10	154
S07616	201 229	0.01	63	630	4	< 2	3	31	0.03	< 10	< 10	30	< 10	68
S07617	201 229	< 0.01	71	890	14	2	4	59	0.02	< 10	< 10	39	< 10	124
S07618	201 229	0.01	53	1040	18	< 2	3	57	0.01	< 10	< 10	42	< 10	138
S07619	201 229	0.01	55	990	16	< 2	3	64	0.02	< 10	< 10	35	< 10	148
S07620	201 229	< 0.01	51	1100	16	2	3	63	0.01	< 10	< 10	39	< 10	146
S07621	201 229	0.01	43	1060	14	2	3	60	0.01	< 10	< 10	38	< 10	130
S07622	201 229	0.01	90	1050	12	< 2	4	40	0.03	< 10	< 10	36	< 10	106
S07623	201 229	0.01	58	880	18	2	4	136	0.01	< 10	< 10	22	< 10	182
S07624	201 229	0.01	66	1080	16	< 2	4	56	0.01	< 10	< 10	26	< 10	160
S07625	201 229	0.01	62	980	12	2	4	49	0.03	< 10	< 10	46	< 10	106
S07626	201 229	0.01	50	640	14	2	4	30	0.02	< 10	< 10	45	< 10	96
S07627	201 229	0.01	49	700	10	< 2	3	24	0.02	< 10	< 10	32	< 10	64
S07628	201 229	0.01	36	760	8	< 2	3	25	0.03	< 10	< 10	35	< 10	66
S07629	201 229	0.01	44	780	10	< 2	3	26	0.03	< 10	< 10	41	< 10	74
S07630	201 229	0.01	42	930	8	2	3	37	0.03	< 10	< 10	36	< 10	76
S07631	201 229	0.01	44	580	14	< 2	3	23	0.02	< 10	< 10	35	< 10	76
S07632	201 229	0.01	44	690	10	< 2	4	27	0.03	< 10	< 10	38	< 10	82
S07633	201 229	0.01	35	550	8	2	3	19	0.03	< 10	< 10	37	< 10	62
S07634	201 229	0.01	50	620	12	< 2	3	24	0.04	< 10	< 10	37	< 10	72
S07635	201 229	< 0.01	50	840	8	< 2	3	25	0.04	< 10	< 10	34	< 10	76
S07636	201 229	0.01	45	1010	12	< 2	3	49	0.03	< 10	< 10	42	< 10	114
S07637	201 229	0.01	35	1050	10	< 2	3	47	0.02	< 10	< 10	46	< 10	116
S07638	201 229	< 0.01	47	1110	16	< 2	3	59	0.01	< 10	< 10	40	< 10	148
S07639	201 229	< 0.01	47	1030	12	< 2	3	47	0.01	< 10	< 10	32	< 10	112
S07640	201 229	< 0.01	38	1010	12	< 2	3	59	0.01	< 10	< 10	34	< 10	134
S07641	201 229	0.01	84	1000	12	2	4	73	0.01	< 10	< 10	35	< 10	112
S07642	201 229	0.01	70	750	14	< 2	4	66	0.01	< 10	< 10	45	< 10	98
S07643	201 229	< 0.01	42	1240	16	< 2	1	17	0.01	< 10	< 10	36	< 10	134
S07644	201 229	0.01	238	840	16	2	5	28	0.02	< 10	< 10	39	< 10	66
S07645	201 229	0.02	77	730	12	< 2	3	36	< 0.01	< 10	< 10	45	< 10	112

CERTIFICATION:

Hart Bichler



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CERTIFICATE OF ANALYSIS A9321385

SAMPLE	PREP CODE		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
S07646	201	229	< 0.2	1.00	26	380	0.5	< 2	0.50	0.5	14	90	27	2.45	< 10	< 1	0.08	20	0.70	490	1
S07647	201	229	0.2	1.45	24	550	0.5	< 2	0.55	0.5	14	97	39	3.01	< 10	< 1	0.12	20	0.89	455	1
S07648	201	229	< 0.2	1.08	16	520	< 0.5	< 2	0.33	0.5	10	39	19	2.25	< 10	< 1	0.11	20	0.45	355	2
S07649	201	229	< 0.2	1.23	12	320	< 0.5	< 2	0.36	< 0.5	10	59	15	2.30	< 10	< 1	0.06	20	0.62	385	< 1
S07650	201	229	0.2	1.43	12	450	0.5	< 2	0.54	0.5	14	57	32	2.81	< 10	< 1	0.09	20	0.61	545	< 1
S07651	201	229	< 0.2	1.04	10	400	0.5	< 2	0.51	< 0.5	9	46	18	1.98	< 10	< 1	0.06	10	0.51	315	< 1
S07652	201	229	< 0.2	1.00	12	410	< 0.5	< 2	0.60	0.5	10	57	19	1.99	< 10	< 1	0.06	20	0.54	455	< 1
S07653	201	229	< 0.2	1.38	12	500	0.5	< 2	0.34	< 0.5	14	63	42	2.77	< 10	< 1	0.08	30	0.65	415	1
S07654	201	229	< 0.2	1.33	6	180	< 0.5	< 2	0.16	< 0.5	10	40	22	3.13	< 10	< 1	0.08	40	0.62	280	< 1
S07655	201	229	< 0.2	1.40	14	340	0.5	< 2	0.32	< 0.5	13	83	29	2.62	< 10	< 1	0.07	20	0.81	415	< 1
S07656	201	229	< 0.2	1.28	14	370	0.5	< 2	0.79	< 0.5	13	68	23	2.47	< 10	< 1	0.06	20	0.70	505	< 1
S07657	201	229	< 0.2	1.12	8	220	< 0.5	< 2	0.16	< 0.5	9	32	18	2.49	< 10	< 1	0.06	30	0.47	260	< 1
S07658	201	229	< 0.2	1.34	10	280	< 0.5	< 2	0.24	< 0.5	10	54	19	2.58	< 10	< 1	0.06	30	0.63	320	< 1
S07659	201	229	< 0.2	1.38	10	380	0.5	< 2	0.31	< 0.5	12	72	27	2.66	< 10	< 1	0.07	20	0.70	350	< 1
S07660	201	229	< 0.2	1.10	< 2	220	< 0.5	< 2	0.35	0.5	21	24	38	3.57	10	< 1	0.07	60	0.49	615	< 1
S07661	201	229	< 0.2	1.14	6	280	< 0.5	< 2	0.42	0.5	14	44	30	2.48	< 10	< 1	0.09	30	0.57	570	< 1
S07662	201	229	< 0.2	1.55	12	410	0.5	< 2	0.44	< 0.5	12	77	24	2.78	< 10	< 1	0.10	20	0.73	360	< 1
S07663	201	229	0.2	1.19	10	320	0.5	< 2	0.57	0.5	15	43	35	2.80	< 10	< 1	0.08	40	0.47	635	1
S07664	201	229	< 0.2	1.38	16	350	0.5	< 2	0.56	< 0.5	10	59	21	2.62	< 10	< 1	0.09	20	0.65	365	< 1
S07665	201	229	< 0.2	1.30	8	260	0.5	< 2	0.32	< 0.5	11	40	17	2.62	< 10	< 1	0.09	30	0.53	480	< 1
S07666	201	229	< 0.2	1.29	< 2	70	< 0.5	< 2	0.03	< 0.5	8	19	31	3.92	10	< 1	0.08	50	0.55	200	< 1
S07667	201	229	< 0.2	1.05	14	240	0.5	< 2	0.31	< 0.5	12	39	22	2.37	< 10	< 1	0.08	30	0.38	550	< 1
S07668	201	229	< 0.2	0.75	6	260	< 0.5	< 2	0.19	< 0.5	12	22	20	2.72	< 10	1	0.07	40	0.24	355	< 1
S07669	201	229	< 0.2	1.13	8	330	0.5	< 2	0.24	< 0.5	11	43	31	2.86	< 10	< 1	0.06	40	0.46	340	< 1
S07670	201	229	< 0.2	1.26	8	300	< 0.5	< 2	0.26	< 0.5	11	50	22	2.75	< 10	< 1	0.05	30	0.52	290	< 1
S07671	201	229	< 0.2	1.40	18	330	0.5	< 2	0.20	< 0.5	12	52	26	2.85	< 10	< 1	0.07	20	0.53	460	< 1
S07672	201	229	< 0.2	1.16	8	380	< 0.5	< 2	0.34	0.5	10	53	22	2.58	< 10	< 1	0.05	30	0.62	385	< 1
S07673	201	229	< 0.2	1.38	14	710	0.5	< 2	0.33	3.0	11	45	16	2.72	< 10	< 1	0.07	20	0.43	740	< 1
S07674	201	229	< 0.2	1.10	6	340	< 0.5	< 2	0.22	< 0.5	12	51	25	3.12	< 10	< 1	0.05	30	0.51	350	< 1
S07675	201	229	< 0.2	1.23	10	430	< 0.5	< 2	0.36	1.0	11	47	23	2.55	< 10	< 1	0.10	30	0.45	390	< 1
S07676	201	229	< 0.2	1.27	12	310	0.5	< 2	0.25	< 0.5	12	45	21	2.84	< 10	< 1	0.07	30	0.49	410	< 1
S07677	201	229	< 0.2	1.92	38	260	< 0.5	< 2	0.28	< 0.5	32	119	42	5.92	10	< 1	0.05	30	0.91	1125	1
S07678	201	229	< 0.2	1.28	8	250	0.5	< 2	0.31	< 0.5	11	52	18	2.70	< 10	1	0.06	30	0.61	310	1
S07679	201	229	< 0.2	1.39	14	200	0.5	< 2	0.36	< 0.5	15	24	17	3.00	< 10	1	0.05	20	0.40	805	< 1
S07680	201	229	0.2	1.12	14	180	< 0.5	< 2	0.48	0.5	17	25	27	2.78	< 10	< 1	0.07	30	0.38	1150	< 1
S07818	201	229	0.2	1.58	14	110	0.5	< 2	1.45	0.5	16	59	10	4.03	10	1	0.03	30	0.91	620	< 1
S07819	201	229	1.6	0.95	30	120	0.5	< 2	3.91	4.5	12	44	28	2.78	< 10	< 1	0.07	10	0.45	915	< 1
S07820	201	229	< 0.2	1.70	18	270	0.5	< 2	0.26	1.0	11	71	17	3.07	< 10	< 1	0.07	20	0.74	520	< 1
S07821	201	229	0.2	1.37	12	300	0.5	< 2	0.23	1.0	11	66	12	2.97	< 10	< 1	0.04	20	0.61	355	1
S07822	201	229	0.2	1.06	22	180	< 0.5	< 2	0.21	1.0	11	55	11	2.90	< 10	< 1	0.06	10	0.51	430	1

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 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

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 Invoice No. :19321385
 P.O. Number :
 Account :F

Project : KP
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CERTIFICATE OF ANALYSIS A9321385

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S07646	201 229	0.01	98	650	12	2	4	30	0.01	< 10	< 10	35	< 10	80
S07647	201 229	0.01	107	990	16	2	6	39	0.04	< 10	< 10	61	< 10	116
S07648	201 229	0.01	32	540	12	< 2	2	25	0.01	< 10	< 10	47	< 10	96
S07649	201 229	0.01	43	460	12	< 2	3	21	0.03	< 10	< 10	35	< 10	90
S07650	201 229	0.01	51	770	20	2	4	31	0.02	< 10	< 10	44	< 10	152
S07651	201 229	0.01	33	570	10	< 2	2	27	0.02	< 10	< 10	32	< 10	88
S07652	201 229	0.01	44	800	12	< 2	2	30	0.02	< 10	< 10	28	< 10	88
S07653	201 229	< 0.01	58	580	16	2	5	23	0.03	< 10	< 10	45	< 10	104
S07654	201 229	< 0.01	30	460	12	< 2	2	12	0.02	< 10	< 10	28	< 10	84
S07655	201 229	0.01	61	460	6	< 2	4	20	0.05	< 10	< 10	46	< 10	76
S07656	201 229	0.01	45	850	10	2	3	56	0.04	< 10	< 10	43	< 10	72
S07657	201 229	0.01	25	310	16	< 2	2	12	0.02	< 10	< 10	26	< 10	60
S07658	201 229	< 0.01	36	350	16	< 2	2	14	0.04	< 10	< 10	35	< 10	102
S07659	201 229	< 0.01	50	540	14	< 2	3	18	0.03	< 10	< 10	38	< 10	174
S07660	201 229	< 0.01	62	720	36	< 2	2	22	< 0.01	< 10	< 10	14	< 10	364
S07661	201 229	0.01	49	930	14	< 2	3	25	0.01	< 10	< 10	26	< 10	166
S07662	201 229	0.01	60	400	26	< 2	4	23	0.04	< 10	< 10	48	< 10	104
S07663	201 229	< 0.01	50	800	24	< 2	6	31	0.02	< 10	< 10	32	< 10	138
S07664	201 229	< 0.01	44	530	12	2	4	30	0.04	< 10	< 10	44	< 10	100
S07665	201 229	0.02	29	540	14	< 2	3	20	0.03	< 10	< 10	39	< 10	88
S07666	201 229	0.01	19	310	32	< 2	1	12	< 0.01	< 10	< 10	11	< 10	64
S07667	201 229	< 0.01	35	280	18	< 2	2	16	0.01	< 10	< 10	29	< 10	72
S07668	201 229	0.01	23	410	16	< 2	1	13	< 0.01	< 10	< 10	20	< 10	100
S07669	201 229	0.01	34	710	20	< 2	2	15	0.02	< 10	< 10	26	< 10	220
S07670	201 229	0.01	35	410	18	< 2	2	15	0.02	< 10	< 10	27	< 10	122
S07671	201 229	< 0.01	35	620	20	< 2	3	13	0.02	< 10	< 10	36	< 10	146
S07672	201 229	< 0.01	39	650	10	< 2	3	20	0.04	< 10	< 10	32	< 10	188
S07673	201 229	< 0.01	39	800	26	< 2	3	21	0.01	< 10	< 10	30	< 10	2170
S07674	201 229	< 0.01	39	590	22	< 2	3	13	0.02	< 10	< 10	29	< 10	236
S07675	201 229	0.01	32	650	18	< 2	2	24	0.02	< 10	< 10	33	< 10	352
S07676	201 229	< 0.01	38	450	20	< 2	3	15	0.02	< 10	< 10	31	< 10	144
S07677	201 229	0.01	126	900	42	< 2	4	16	0.01	< 10	< 10	52	< 10	196
S07678	201 229	< 0.01	40	480	12	2	3	16	0.03	< 10	< 10	35	< 10	106
S07679	201 229	0.01	31	610	20	< 2	3	16	0.01	< 10	< 10	31	< 10	148
S07680	201 229	0.01	48	880	26	2	3	27	< 0.01	< 10	< 10	21	< 10	304
S07818	201 229	0.01	46	930	44	2	7	95	0.02	< 10	< 10	71	< 10	328
S07819	201 229	0.01	61	1100	238	4	3	267	0.01	< 10	< 10	27	< 10	1775
S07820	201 229	< 0.01	76	660	260	2	3	17	0.03	< 10	< 10	46	< 10	1210
S07821	201 229	< 0.01	50	700	158	< 2	2	15	0.02	< 10	< 10	46	< 10	786
S07822	201 229	< 0.01	39	730	102	< 2	2	12	0.02	< 10	< 10	35	< 10	494

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Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

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CERTIFICATE OF ANALYSIS A9321385

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
S07823	201 229	0.2	1.12	8	320	< 0.5	< 2	0.20	0.5	10	50	12	2.55	< 10	< 1	0.03	10	0.55	315	1
S07824	201 229	0.4	1.01	6	550	< 0.5	< 2	0.53	0.5	10	25	19	1.66	< 10	< 1	0.06	< 10	0.27	490	1
S07825	201 229	0.4	1.20	10	560	< 0.5	< 2	1.41	1.5	10	57	34	2.49	< 10	< 1	0.10	10	0.67	330	< 1
S07826	201 229	0.2	0.85	8	380	< 0.5	< 2	1.17	1.5	6	36	17	1.63	< 10	< 1	0.07	10	0.49	140	< 1
S07827	201 229	0.2	0.73	10	340	< 0.5	< 2	1.37	1.5	7	31	18	1.68	< 10	< 1	0.06	10	0.47	385	< 1
S07828	201 229	0.2	0.91	16	340	< 0.5	< 2	0.44	< 0.5	8	49	22	2.28	< 10	< 1	0.04	10	0.53	340	1
S07829	201 229	< 0.2	1.07	2	380	< 0.5	< 2	0.29	0.5	9	56	17	2.02	< 10	< 1	0.04	10	0.60	305	< 1
S07830	201 229	< 0.2	1.12	6	190	< 0.5	< 2	0.46	0.5	10	77	18	2.06	< 10	< 1	0.04	10	0.96	540	1
S07831	201 229	0.4	1.13	12	440	< 0.5	< 2	0.80	< 0.5	10	52	29	1.96	< 10	< 1	0.10	10	0.59	435	< 1
S07832	201 229	0.2	1.49	14	620	< 0.5	< 2	0.47	0.5	10	31	31	2.45	< 10	< 1	0.17	10	0.46	340	1
S07833	201 229	< 0.2	1.27	12	470	< 0.5	< 2	0.27	0.5	9	43	21	2.12	< 10	< 1	0.08	10	0.48	265	1
S07834	201 229	0.2	1.04	14	400	< 0.5	< 2	0.16	0.5	7	36	12	1.88	< 10	< 1	0.07	10	0.39	410	< 1
S07835	201 229	0.2	1.65	24	390	< 0.5	< 2	1.04	2.0	20	113	34	4.18	< 10	< 1	0.08	20	1.16	1195	< 1
S07836	201 229	0.8	1.30	26	180	< 0.5	< 2	0.51	3.5	16	80	22	3.26	< 10	< 1	0.03	20	0.73	720	< 1
S07837	201 229	0.4	1.24	22	430	< 0.5	< 2	0.82	1.5	17	87	28	3.53	< 10	< 1	0.05	10	0.90	705	< 1
S07838	201 229	0.4	1.03	14	260	< 0.5	< 2	1.03	2.0	11	62	25	2.42	< 10	< 1	0.06	10	0.66	515	< 1
S07839	201 229	0.8	1.29	20	460	< 0.5	< 2	1.74	3.0	16	82	33	3.41	< 10	< 1	0.06	10	0.83	815	< 1
S07840	201 229	0.2	1.35	12	330	< 0.5	< 2	0.33	< 0.5	11	81	22	2.62	< 10	< 1	0.06	20	0.83	330	< 1
S07841	201 229	0.2	1.19	14	480	< 0.5	< 2	0.59	0.5	11	63	22	2.54	< 10	< 1	0.08	20	0.71	360	1
S07842	201 229	0.2	1.08	18	270	< 0.5	< 2	0.59	< 0.5	9	64	21	2.40	< 10	< 1	0.07	20	0.78	260	< 1
S07843	201 229	< 0.2	0.78	12	350	< 0.5	< 2	0.78	0.5	9	45	19	1.97	< 10	< 1	0.04	10	0.53	465	< 1
S07844	201 229	0.2	0.84	16	420	< 0.5	< 2	0.92	0.5	9	44	30	2.06	< 10	< 1	0.06	10	0.56	370	< 1
S07845	201 229	0.2	0.93	< 2	300	< 0.5	< 2	0.66	1.0	9	51	21	2.06	< 10	< 1	0.08	10	0.64	355	< 1
S07846	201 229	< 0.2	0.91	6	300	< 0.5	< 2	0.22	< 0.5	7	47	18	1.73	< 10	< 1	0.04	10	0.50	265	1
S07847	201 229	< 0.2	0.81	22	200	< 0.5	< 2	0.43	< 0.5	11	53	32	2.00	< 10	< 1	0.04	10	0.67	375	< 1
S07848	201 229	0.2	0.83	6	270	< 0.5	< 2	0.77	0.5	8	45	23	1.85	< 10	< 1	0.08	10	0.56	340	1
S07849	201 229	0.2	0.92	12	310	< 0.5	< 2	0.48	< 0.5	8	54	25	1.90	< 10	< 1	0.08	10	0.59	305	1
S07850	201 229	0.2	1.13	8	440	< 0.5	< 2	0.60	0.5	9	45	34	2.31	< 10	< 1	0.10	20	0.64	335	1
S07851	201 229	0.2	0.92	26	280	< 0.5	< 2	1.38	0.5	10	57	25	2.20	< 10	< 1	0.08	10	0.78	540	< 1
S07852	201 229	0.2	0.89	18	300	< 0.5	< 2	1.03	< 0.5	10	42	23	2.24	< 10	< 1	0.07	10	0.49	505	< 1
S07853	201 229	0.2	1.25	10	580	< 0.5	< 2	0.90	1.0	14	64	30	2.81	< 10	< 1	0.09	10	0.83	570	1
S07854	201 229	0.6	1.27	30	240	< 0.5	< 2	1.19	1.5	15	83	27	3.41	< 10	< 1	0.06	10	0.85	950	< 1
S07855	201 229	0.2	1.29	20	290	< 0.5	< 2	0.71	1.0	16	84	18	3.46	< 10	< 1	0.06	10	0.85	695	1
S07856	201 229	0.2	1.39	16	360	< 0.5	< 2	0.45	2.0	8	67	16	2.60	< 10	< 1	0.04	10	0.56	420	< 1
S07857	201 229	0.2	1.53	28	370	< 0.5	< 2	0.26	< 0.5	12	90	14	3.02	< 10	< 1	0.05	10	0.83	425	1
S07858	201 229	0.2	0.98	8	170	< 0.5	< 2	0.13	0.5	9	60	11	2.34	< 10	< 1	0.04	10	0.51	420	1
S07859	201 229	< 0.2	0.95	20	140	< 0.5	< 2	0.22	0.5	9	69	9	2.46	< 10	< 1	0.06	10	0.66	465	< 1
S07860	201 229	< 0.2	1.16	22	220	< 0.5	< 2	0.25	< 0.5	9	51	26	2.50	< 10	< 1	0.07	10	0.55	300	< 1
S07861	201 229	< 0.2	0.93	22	320	< 0.5	< 2	0.16	< 0.5	10	44	14	2.31	< 10	< 1	0.05	10	0.45	365	< 1
S07862	201 229	0.2	0.71	12	260	< 0.5	< 2	0.44	0.5	8	44	24	1.96	< 10	< 1	0.05	10	0.50	360	< 1

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Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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A9321385

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S07823	201 229	< 0.01	40	510	48	< 2	2	13	0.02	< 10	< 10	31	< 10	282
S07824	201 229	0.04	36	550	32	2	2	36	< 0.01	< 10	< 10	23	< 10	140
S07825	201 229	0.01	58	920	40	< 2	4	84	0.02	< 10	< 10	37	< 10	280
S07826	201 229	0.01	33	1030	32	2	2	69	0.02	< 10	< 10	24	< 10	496
S07827	201 229	0.01	31	710	16	4	1	73	0.01	< 10	< 10	21	< 10	462
S07828	201 229	0.01	57	580	20	2	3	26	0.01	< 10	< 10	26	< 10	150
S07829	201 229	< 0.01	51	470	14	2	2	17	0.02	< 10	< 10	27	< 10	90
S07830	201 229	< 0.01	60	1140	22	2	2	23	0.04	< 10	< 10	32	< 10	92
S07831	201 229	0.02	63	880	8	2	3	46	0.02	< 10	< 10	37	< 10	114
S07832	201 229	0.02	32	570	16	< 2	3	30	0.01	< 10	< 10	64	< 10	142
S07833	201 229	0.01	35	650	10	< 2	2	19	0.03	< 10	< 10	46	< 10	68
S07834	201 229	< 0.01	19	420	12	< 2	1	11	0.03	< 10	< 10	41	< 10	80
S07835	201 229	0.01	85	940	106	< 2	7	65	0.04	< 10	< 10	57	10	868
S07836	201 229	0.01	87	860	498	< 2	4	28	0.03	< 10	< 10	42	10	2100
S07837	201 229	< 0.01	67	1270	142	2	4	50	0.04	< 10	< 10	46	< 10	814
S07838	201 229	0.03	48	800	84	2	3	59	0.02	< 10	< 10	34	< 10	614
S07839	201 229	0.01	61	1080	116	< 2	4	98	0.02	< 10	< 10	44	< 10	780
S07840	201 229	0.01	71	460	36	< 2	3	18	0.07	< 10	< 10	41	< 10	226
S07841	201 229	< 0.01	54	710	40	2	3	31	0.04	< 10	< 10	40	< 10	198
S07842	201 229	0.01	61	960	40	< 2	3	33	0.05	< 10	< 10	36	< 10	248
S07843	201 229	< 0.01	42	1030	44	< 2	2	47	0.02	< 10	< 10	25	< 10	198
S07844	201 229	0.01	62	700	26	< 2	2	48	0.01	< 10	< 10	26	< 10	150
S07845	201 229	0.01	48	1080	26	< 2	3	40	0.02	< 10	< 10	32	< 10	160
S07846	201 229	0.01	42	450	12	< 2	2	14	0.04	< 10	< 10	26	< 10	102
S07847	201 229	0.01	64	940	30	< 2	3	26	0.03	< 10	< 10	27	< 10	128
S07848	201 229	0.01	45	940	14	< 2	2	44	0.02	< 10	< 10	28	< 10	194
S07849	201 229	0.03	54	840	12	2	3	29	0.03	< 10	< 10	35	< 10	86
S07850	201 229	0.01	47	1380	16	2	3	46	0.02	< 10	< 10	49	< 10	128
S07851	201 229	0.01	59	960	24	< 2	3	68	0.02	< 10	< 10	27	< 10	180
S07852	201 229	0.01	36	1110	30	4	2	55	0.01	< 10	< 10	27	< 10	156
S07853	201 229	0.01	58	1240	22	2	4	49	0.05	< 10	< 10	45	< 10	136
S07854	201 229	0.02	80	960	96	4	5	64	0.03	< 10	< 10	47	10	1080
S07855	201 229	0.01	51	730	112	2	4	43	0.07	< 10	< 10	51	< 10	514
S07856	201 229	0.01	42	440	92	< 2	2	29	0.04	< 10	< 10	44	< 10	612
S07857	201 229	< 0.01	69	660	92	< 2	3	15	0.06	< 10	< 10	46	< 10	526
S07858	201 229	0.01	44	500	46	< 2	2	8	0.03	< 10	< 10	34	< 10	280
S07859	201 229	< 0.01	42	950	54	2	2	11	0.03	< 10	< 10	33	< 10	268
S07860	201 229	0.01	49	460	38	< 2	2	13	0.03	< 10	< 10	35	< 10	170
S07861	201 229	< 0.01	40	640	28	2	2	10	0.02	< 10	< 10	30	< 10	174
S07862	201 229	0.01	54	990	40	< 2	2	27	0.01	< 10	< 10	25	< 10	224

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Hart Bickler



Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
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Y1A 3S9

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CERTIFICATE OF ANALYSIS

A9321385

SAMPLE	PREP		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
	CODE		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
S07863	201	229	0.4	1.08	12	500	< 0.5	< 2	1.02	1.5	10	53	26	2.26	< 10	< 1	0.09	10	0.65	405	< 1
S07864	201	229	0.2	1.20	10	370	< 0.5	< 2	0.59	1.0	10	54	28	2.38	< 10	< 1	0.11	20	0.72	435	1
S07865	201	229	0.2	1.10	14	340	< 0.5	< 2	0.56	< 0.5	9	49	25	2.11	< 10	< 1	0.10	10	0.65	390	< 1
S07866	201	229	0.2	0.98	14	280	< 0.5	< 2	1.19	0.5	10	48	27	2.28	< 10	< 1	0.11	10	0.67	355	< 1
S07867	201	229	< 0.2	1.05	12	220	< 0.5	< 2	0.41	0.5	11	52	21	2.38	< 10	< 1	0.10	10	0.60	375	1
S07868	201	229	0.4	1.46	16	600	< 0.5	< 2	0.80	1.0	10	40	32	2.62	< 10	< 1	0.17	20	0.60	505	1
S07869	201	229	< 0.2	1.39	18	460	< 0.5	< 2	1.23	0.5	12	49	37	2.71	< 10	< 1	0.22	20	0.75	410	1
S07870	201	229	0.4	1.14	6	600	< 0.5	< 2	0.82	0.5	9	41	48	2.18	< 10	< 1	0.13	20	0.52	325	1
S07871	201	229	0.4	0.76	8	360	< 0.5	< 2	0.73	0.5	6	30	31	1.38	< 10	< 1	0.08	10	0.24	455	1
S07872	201	229	< 0.2	0.82	4	220	< 0.5	< 2	0.20	0.5	5	37	11	1.76	< 10	< 1	0.06	10	0.46	195	1
S07873	201	229	< 0.2	1.07	14	380	< 0.5	< 2	0.21	1.0	11	38	25	2.90	< 10	< 1	0.06	10	0.40	625	< 1
S07874	201	229	0.2	0.93	28	260	< 0.5	< 2	0.33	1.0	16	53	28	4.25	< 10	< 1	0.05	10	0.44	1185	< 1
S07875	201	229	< 0.2	1.17	20	430	< 0.5	< 2	0.26	1.5	16	45	24	3.67	< 10	< 1	0.06	10	0.36	1455	1
S07876	201	229	0.2	1.18	6	350	< 0.5	< 2	0.25	0.5	7	35	12	2.31	< 10	< 1	0.07	10	0.43	250	< 1
S07877	201	229	< 0.2	1.11	10	360	< 0.5	< 2	0.34	0.5	9	52	23	2.23	< 10	< 1	0.07	10	0.63	440	1
S07878	201	229	< 0.2	1.04	< 2	300	< 0.5	< 2	0.33	0.5	8	49	16	2.14	< 10	< 1	0.06	20	0.58	310	1
S07879	201	229	< 0.2	1.17	12	250	< 0.5	< 2	0.27	0.5	9	48	15	2.20	< 10	< 1	0.08	10	0.59	300	< 1
S07880	201	229	< 0.2	1.13	16	360	< 0.5	< 2	0.72	0.5	8	40	22	1.88	< 10	< 1	0.09	10	0.43	345	< 1
S07881	201	229	0.2	1.29	4	410	< 0.5	< 2	0.53	1.0	10	44	29	2.43	< 10	< 1	0.11	20	0.51	670	1
S07882	201	229	< 0.2	1.19	14	280	< 0.5	< 2	0.20	0.5	12	58	14	2.50	< 10	< 1	0.07	10	0.54	670	< 1
S07883	201	229	< 0.2	0.88	12	150	< 0.5	< 2	0.35	< 0.5	10	55	25	2.00	< 10	< 1	0.05	10	0.69	410	< 1
S07884	201	229	0.2	1.03	12	380	< 0.5	< 2	0.98	< 0.5	9	51	32	2.09	< 10	< 1	0.09	10	0.66	330	1
S07885	201	229	0.4	1.12	16	440	< 0.5	< 2	0.99	< 0.5	8	57	29	2.15	< 10	< 1	0.11	10	0.73	315	1
S07886	201	229	< 0.2	1.03	10	290	< 0.5	< 2	0.24	< 0.5	10	59	15	2.04	< 10	< 1	0.05	10	0.58	470	< 1
S07887	201	229	< 0.2	0.88	16	170	< 0.5	< 2	0.36	< 0.5	10	61	20	2.09	< 10	< 1	0.04	20	0.70	405	< 1
S07888	201	229	< 0.2	1.54	10	340	< 0.5	< 2	0.20	0.5	9	63	12	2.85	< 10	< 1	0.06	20	0.66	365	1
S07889	201	229	0.2	0.97	10	180	< 0.5	< 2	0.31	< 0.5	4	39	5	1.66	< 10	< 1	0.04	< 10	0.47	165	< 1
S07890	201	229	0.2	0.71	6	130	< 0.5	< 2	0.22	< 0.5	4	29	8	1.21	< 10	< 1	0.03	< 10	0.31	160	< 1
S07891	201	229	< 0.2	1.07	6	230	< 0.5	< 2	0.30	< 0.5	12	41	29	2.84	< 10	< 1	0.04	< 10	0.61	305	< 1
S07892	201	229	0.2	1.01	4	430	< 0.5	< 2	0.52	0.5	11	46	18	2.42	< 10	< 1	0.04	< 10	0.54	690	1
S07893	201	229	< 0.2	1.02	8	340	< 0.5	< 2	0.72	0.5	10	53	22	2.17	< 10	< 1	0.05	10	0.62	465	1
S07894	201	229	0.2	0.98	2	280	< 0.5	< 2	0.52	0.5	10	63	20	2.10	< 10	< 1	0.05	10	0.69	355	1
S07895	201	229	0.2	1.11	10	410	< 0.5	< 2	0.75	< 0.5	12	57	22	2.34	< 10	< 1	0.08	10	0.63	625	< 1
S07896	201	229	< 0.2	1.03	14	340	< 0.5	< 2	0.41	< 0.5	10	55	18	2.29	< 10	< 1	0.06	20	0.62	300	1
S07897	201	229	< 0.2	0.90	14	230	< 0.5	< 2	0.37	< 0.5	10	56	23	2.52	< 10	< 1	0.07	10	0.56	315	1
S07898	201	229	0.4	1.15	24	490	< 0.5	< 2	0.67	< 0.5	12	55	25	2.34	< 10	< 1	0.08	20	0.63	525	1
S07899	201	229	0.2	1.24	8	470	< 0.5	< 2	0.43	< 0.5	9	59	25	2.40	< 10	< 1	0.08	20	0.56	390	< 1
S07900	201	229	< 0.2	1.20	< 2	380	< 0.5	< 2	1.21	0.5	16	243	33	3.03	< 10	< 1	0.07	10	1.15	850	1
S07901	201	229	< 0.2	0.87	6	140	< 0.5	< 2	0.49	< 0.5	11	25	39	2.87	< 10	< 1	0.16	10	0.41	410	1
S07902	201	229	< 0.2	0.88	4	230	< 0.5	< 2	0.43	< 0.5	11	33	17	2.25	< 10	< 1	0.12	10	0.37	455	1

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

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CERTIFICATE OF ANALYSIS A9321385

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S07863	201 229	0.01	48	1020	44	2	3	56	0.01	< 10	< 10	34	< 10	344
S07864	201 229	0.01	48	950	18	4	3	36	0.03	< 10	< 10	41	< 10	166
S07865	201 229	0.02	44	860	18	2	3	31	0.03	< 10	< 10	38	< 10	106
S07866	201 229	0.01	43	950	24	< 2	3	56	0.02	< 10	< 10	31	< 10	180
S07867	201 229	0.01	46	800	20	< 2	2	24	0.03	< 10	< 10	33	< 10	120
S07868	201 229	0.01	37	850	16	< 2	4	42	0.01	< 10	< 10	56	< 10	168
S07869	201 229	0.01	48	690	20	2	4	48	0.03	< 10	< 10	51	< 10	134
S07870	201 229	0.02	64	800	16	2	3	45	0.01	< 10	< 10	36	< 10	128
S07871	201 229	0.04	46	650	8	< 2	2	39	0.01	< 10	< 10	23	< 10	80
S07872	201 229	< 0.01	27	530	6	4	1	12	0.02	< 10	< 10	29	< 10	100
S07873	201 229	< 0.01	35	660	48	< 2	3	15	0.01	< 10	< 10	28	< 10	426
S07874	201 229	0.01	55	650	48	< 2	3	22	0.01	< 10	< 10	30	< 10	556
S07875	201 229	0.01	39	500	84	2	3	18	0.01	< 10	< 10	37	< 10	634
S07876	201 229	< 0.01	21	380	22	< 2	2	17	0.02	< 10	< 10	43	< 10	130
S07877	201 229	< 0.01	46	810	20	2	2	20	0.03	< 10	< 10	37	< 10	96
S07878	201 229	0.01	41	750	20	2	2	19	0.03	< 10	< 10	34	< 10	100
S07879	201 229	0.01	37	390	18	< 2	2	18	0.04	< 10	< 10	37	< 10	120
S07880	201 229	0.02	38	790	12	< 2	2	44	0.02	< 10	< 10	32	< 10	160
S07881	201 229	0.01	43	720	20	< 2	3	32	0.02	< 10	< 10	42	< 10	152
S07882	201 229	< 0.01	41	620	22	< 2	2	12	0.03	< 10	< 10	39	< 10	154
S07883	201 229	< 0.01	51	960	20	< 2	2	17	0.02	< 10	< 10	25	< 10	108
S07884	201 229	0.01	53	710	12	< 2	2	41	0.02	< 10	< 10	29	< 10	112
S07885	201 229	0.01	52	860	14	2	3	44	0.02	< 10	< 10	35	< 10	116
S07886	201 229	< 0.01	45	530	20	2	2	14	0.02	< 10	< 10	30	< 10	122
S07887	201 229	0.01	69	850	32	< 2	3	20	0.03	< 10	< 10	29	< 10	168
S07888	201 229	< 0.01	44	490	34	< 2	2	12	0.03	< 10	< 10	44	< 10	1030
S07889	201 229	0.01	18	470	26	< 2	1	16	0.02	< 10	< 10	27	< 10	148
S07890	201 229	0.03	21	510	20	< 2	< 1	13	0.01	< 10	< 10	19	< 10	150
S07891	201 229	< 0.01	49	410	20	< 2	2	20	< 0.01	< 10	< 10	16	< 10	92
S07892	201 229	< 0.01	50	680	18	< 2	2	31	0.01	< 10	< 10	28	< 10	102
S07893	201 229	< 0.01	60	470	14	< 2	2	46	0.01	< 10	< 10	32	< 10	94
S07894	201 229	< 0.01	70	570	4	< 2	3	33	0.02	< 10	< 10	32	< 10	78
S07895	201 229	0.01	57	810	20	2	3	47	0.02	< 10	< 10	37	< 10	72
S07896	201 229	0.01	50	680	14	2	3	24	0.02	< 10	< 10	31	< 10	86
S07897	201 229	< 0.01	51	610	12	2	2	21	0.02	< 10	< 10	26	< 10	94
S07898	201 229	< 0.01	56	580	16	4	3	38	0.03	< 10	< 10	37	< 10	94
S07899	201 229	0.01	60	420	12	< 2	3	32	0.01	< 10	< 10	36	< 10	76
S07900	201 229	0.01	83	770	8	< 2	6	83	0.01	< 10	< 10	49	< 10	54
S07901	201 229	0.02	26	870	8	2	2	43	< 0.01	< 10	< 10	21	< 10	58
S07902	201 229	< 0.01	30	410	14	2	2	26	0.01	< 10	< 10	24	< 10	136

CERTIFICATION: *Hart Bickler*



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SAMPLE	PREP CODE		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
S07903	201	229	< 0.2	0.92	10	220	< 0.5	< 2	0.16	< 0.5	4	29	10	1.92	< 10	< 1	0.08	10	0.26	120	1
S07904	201	229	< 0.2	1.34	10	310	< 0.5	< 2	0.12	< 0.5	10	26	46	2.87	< 10	< 1	0.11	20	0.20	780	1
S07905	201	229	0.4	1.50	6	300	< 0.5	< 2	0.44	0.5	13	43	40	2.80	< 10	< 1	0.11	20	0.46	600	1
S07906	201	229	0.2	1.23	4	380	< 0.5	< 2	0.56	< 0.5	11	54	23	2.41	< 10	< 1	0.08	20	0.59	495	1
S07907	201	229	0.2	1.27	12	410	< 0.5	< 2	0.73	< 0.5	12	59	24	2.48	< 10	< 1	0.09	20	0.66	495	< 1
S07908	201	229	< 0.2	0.98	8	280	< 0.5	< 2	0.66	0.5	12	46	16	2.29	< 10	< 1	0.09	10	0.50	735	2
S07909	201	229	< 0.2	1.02	4	200	< 0.5	< 2	0.28	< 0.5	10	28	16	2.22	< 10	< 1	0.18	10	0.45	335	< 1
S07910	201	229	0.6	1.46	6	420	< 0.5	< 2	0.93	0.5	12	60	36	2.76	< 10	< 1	0.11	20	0.67	415	1
S07911	201	229	< 0.2	0.87	4	160	< 0.5	< 2	0.59	< 0.5	10	58	15	1.88	< 10	< 1	0.08	10	0.60	280	< 1
S07912	201	229	0.2	0.98	6	260	< 0.5	< 2	0.76	< 0.5	10	58	22	2.11	< 10	< 1	0.11	10	0.63	280	1
S07913	201	229	< 0.2	1.09	2	390	< 0.5	< 2	0.29	0.5	5	46	14	1.80	< 10	< 1	0.10	20	0.49	245	1
S07914	201	229	< 0.2	1.11	14	400	< 0.5	< 2	0.24	0.5	7	54	15	2.40	< 10	< 1	0.09	20	0.62	415	1
S07916	201	229	< 0.2	1.24	16	380	< 0.5	< 2	0.29	0.5	9	66	20	2.37	< 10	< 1	0.10	20	0.71	365	1
S07917	201	229	0.2	1.18	8	430	< 0.5	< 2	0.40	< 0.5	10	66	24	2.26	< 10	< 1	0.08	20	0.71	305	1
S07918	201	229	< 0.2	1.03	8	330	< 0.5	< 2	0.44	< 0.5	12	91	25	2.19	< 10	< 1	0.09	10	0.99	305	< 1
S07919	201	229	0.4	1.13	14	540	< 0.5	< 2	0.91	0.5	9	35	30	2.21	< 10	< 1	0.14	10	0.60	305	2
S07920	201	229	0.2	1.22	6	540	< 0.5	< 2	0.85	0.5	11	68	27	2.29	< 10	< 1	0.10	10	0.82	340	< 1
S07921	201	229	0.2	1.12	< 2	450	< 0.5	< 2	0.85	1.0	10	50	27	2.40	< 10	< 1	0.10	10	0.66	475	1
S07922	201	229	0.2	0.65	6	290	< 0.5	< 2	0.38	< 0.5	10	25	27	2.35	< 10	< 1	0.09	10	0.34	540	1
S07923	201	229	0.2	0.73	8	360	< 0.5	< 2	0.28	< 0.5	4	32	15	1.29	< 10	< 1	0.06	10	0.24	160	1
S07924	201	229	0.6	1.39	28	560	< 0.5	< 2	0.70	0.5	11	54	48	2.14	< 10	< 1	0.07	20	0.41	360	1
S07925	201	229	0.4	0.82	28	600	< 0.5	< 2	1.68	0.5	8	41	41	1.84	< 10	< 1	0.06	10	0.52	195	1
S07926	201	229	0.2	0.94	30	450	< 0.5	< 2	1.26	< 0.5	11	39	40	2.34	< 10	< 1	0.07	10	0.55	465	< 1
S07927	201	229	0.2	1.07	118	200	< 0.5	< 2	0.20	< 0.5	16	89	62	3.36	< 10	< 1	0.07	20	0.78	705	1
S07928	201	229	< 0.2	1.74	20	280	< 0.5	< 2	0.28	< 0.5	15	88	32	3.43	< 10	< 1	0.09	30	1.07	645	< 1
S07929	201	229	< 0.2	0.97	8	280	< 0.5	< 2	0.18	< 0.5	5	44	9	1.61	< 10	< 1	0.05	10	0.50	190	1
S07930	201	229	0.2	0.81	24	370	< 0.5	< 2	0.99	< 0.5	11	62	36	1.93	< 10	< 1	0.09	10	0.76	605	< 1
S07931	201	229	0.4	0.90	54	890	< 0.5	< 2	1.54	0.5	8	27	28	2.91	< 10	< 1	0.05	< 10	0.37	7100	4
S07932	201	229	0.4	1.23	16	540	< 0.5	< 2	1.73	1.5	13	97	80	1.97	< 10	< 1	0.11	10	0.95	440	3
S07933	201	229	0.2	0.96	20	510	< 0.5	< 2	1.04	< 0.5	10	61	54	1.93	< 10	< 1	0.06	10	0.67	385	< 1
S07934	201	229	0.2	1.47	110	460	< 0.5	< 2	0.92	< 0.5	20	87	47	3.40	10	< 1	0.14	30	1.04	1120	1
S07935	201	229	0.2	1.17	30	670	< 0.5	< 2	1.38	< 0.5	10	52	46	2.10	< 10	< 1	0.16	10	0.60	660	1
S07936	201	229	0.4	1.28	22	580	< 0.5	< 2	1.42	0.5	11	61	52	2.27	< 10	< 1	0.21	10	0.76	400	< 1
S07937	201	229	< 0.2	0.57	12	170	< 0.5	< 2	0.21	< 0.5	5	27	12	1.13	< 10	< 1	0.13	< 10	0.19	215	< 1
S07938	201	229	< 0.2	1.63	14	580	< 0.5	< 2	0.70	< 0.5	12	40	48	2.96	10	< 1	0.32	20	0.66	410	3
S07939	201	229	0.2	1.07	10	360	< 0.5	< 2	0.86	0.5	10	52	26	2.08	< 10	< 1	0.19	10	0.72	695	2
S07940	201	229	< 0.2	1.48	40	330	< 0.5	< 2	0.27	0.5	17	71	20	3.33	< 10	< 1	0.12	10	0.62	605	1
S07941	201	229	0.2	0.85	12	440	< 0.5	< 2	0.92	1.0	9	33	36	1.75	< 10	< 1	0.15	10	0.37	325	< 1
S07942	201	229	0.4	1.03	24	330	< 0.5	< 2	0.60	< 0.5	11	56	76	1.90	< 10	< 1	0.16	30	0.64	155	1
S07943	201	229	0.2	0.82	26	450	< 0.5	< 2	0.70	0.5	5	45	49	2.02	< 10	< 1	0.15	20	0.44	130	4

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SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S07903	201 229	< 0.01	11	330	10	< 2	1	12	0.02	< 10	< 10	26	< 10	38
S07904	201 229	0.02	30	580	32	< 2	2	12	0.01	< 10	< 10	27	< 10	106
S07905	201 229	0.01	41	540	18	< 2	3	25	0.02	< 10	< 10	41	< 10	194
S07906	201 229	< 0.01	42	600	14	2	3	29	0.03	< 10	< 10	40	< 10	104
S07907	201 229	< 0.01	39	770	14	< 2	3	36	0.04	< 10	< 10	45	< 10	106
S07908	201 229	0.01	33	830	8	2	2	36	0.02	< 10	< 10	33	< 10	96
S07909	201 229	0.02	23	430	16	< 2	2	16	0.01	< 10	< 10	23	< 10	100
S07910	201 229	0.01	58	680	16	< 2	4	52	0.03	< 10	< 10	45	< 10	94
S07911	201 229	< 0.01	43	370	8	< 2	2	35	0.04	< 10	< 10	32	< 10	74
S07912	201 229	0.01	50	530	12	< 2	3	47	0.03	< 10	< 10	35	< 10	66
S07913	201 229	0.01	30	450	6	2	2	20	0.02	< 10	< 10	36	< 10	64
S07914	201 229	< 0.01	40	460	10	< 2	2	16	0.04	< 10	< 10	49	< 10	72
S07916	201 229	0.01	56	600	8	< 2	3	21	0.03	< 10	< 10	46	< 10	80
S07917	201 229	0.01	61	970	8	2	3	28	0.02	< 10	< 10	41	< 10	78
S07918	201 229	0.01	101	840	8	< 2	3	27	0.04	< 10	< 10	38	< 10	72
S07919	201 229	0.01	44	1300	16	2	3	72	0.01	< 10	< 10	55	< 10	156
S07920	201 229	< 0.01	82	690	8	2	3	58	0.02	< 10	< 10	47	< 10	88
S07921	201 229	0.01	64	880	26	4	3	52	0.02	< 10	< 10	41	< 10	230
S07922	201 229	< 0.01	39	710	18	2	2	26	< 0.01	< 10	< 10	23	< 10	116
S07923	201 229	0.06	28	250	6	2	1	20	0.02	< 10	< 10	25	< 10	36
S07924	201 229	0.03	100	570	16	< 2	3	44	0.02	< 10	< 10	41	< 10	86
S07925	201 229	0.01	70	740	12	6	3	90	0.01	< 10	< 10	26	< 10	66
S07926	201 229	0.01	56	640	12	6	4	68	0.02	< 10	< 10	32	< 10	62
S07927	201 229	0.01	89	460	16	2	5	16	0.03	< 10	< 10	40	< 10	56
S07928	201 229	< 0.01	94	690	14	< 2	4	23	0.03	< 10	< 10	32	< 10	82
S07929	201 229	< 0.01	24	420	4	< 2	1	10	0.04	< 10	< 10	34	< 10	36
S07930	201 229	0.01	84	890	4	2	4	72	0.04	< 10	< 10	30	< 10	62
S07931	201 229	0.03	87	1000	4	2	2	121	0.01	< 10	10	26	< 10	96
S07932	201 229	0.01	170	860	18	2	9	94	0.05	< 10	< 10	49	< 10	116
S07933	201 229	0.01	140	690	6	2	3	51	0.02	< 10	< 10	30	< 10	54
S07934	201 229	< 0.01	126	900	34	< 2	7	54	0.02	< 10	< 10	47	10	106
S07935	201 229	0.02	72	970	18	< 2	4	78	0.01	< 10	< 10	36	< 10	116
S07936	201 229	0.02	93	1020	16	2	4	79	0.02	< 10	< 10	46	10	146
S07937	201 229	0.07	21	260	6	< 2	1	17	0.02	< 10	< 10	24	< 10	72
S07938	201 229	0.01	46	910	8	4	4	47	0.01	< 10	< 10	78	10	158
S07939	201 229	0.02	55	1130	12	< 2	3	53	0.02	< 10	< 10	46	< 10	118
S07940	201 229	0.01	56	810	12	< 2	3	38	0.02	< 10	< 10	48	< 10	96
S07941	201 229	0.03	44	670	14	2	2	52	0.01	< 10	< 10	33	< 10	140
S07942	201 229	< 0.01	88	920	12	< 2	5	35	0.03	< 10	< 10	40	< 10	114
S07943	201 229	< 0.01	34	1040	18	2	4	47	0.03	< 10	20	45	< 10	150

CERTIFICATION:

Janet Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

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CERTIFICATE OF ANALYSIS

A9321386

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SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
S07944	201 229	< 0.2	0.89	28	550	0.5	< 2	0.64	< 0.5	10	44	36	2.28	< 10	< 1	0.04	20	0.49	415	1
S07945	201 229	< 0.2	0.98	26	210	< 0.5	< 2	0.14	< 0.5	8	46	7	2.27	< 10	< 1	0.03	10	0.54	265	1
S07946	201 229	< 0.2	0.84	16	340	< 0.5	< 2	0.43	< 0.5	7	29	13	2.33	< 10	< 1	0.03	20	0.43	190	2
S07947	201 229	0.4	0.90	20	760	0.5	< 2	0.59	0.5	10	27	26	2.05	< 10	< 1	0.03	20	0.27	545	1
S07948	201 229	0.6	0.76	20	850	0.5	< 2	2.06	1.0	10	50	234	1.95	< 10	< 1	0.03	30	0.45	250	< 1
S07949	201 229	< 0.2	0.94	68	290	< 0.5	< 2	0.57	< 0.5	15	98	17	3.10	< 10	< 1	0.07	10	0.64	515	1
S07950	201 229	< 0.2	1.02	30	360	< 0.5	< 2	1.08	2.0	18	151	17	2.88	< 10	< 1	0.07	10	1.11	900	1
S07951	201 229	0.2	0.92	22	460	< 0.5	< 2	0.46	< 0.5	7	39	18	2.05	< 10	< 1	0.06	20	0.37	240	< 1
S07952	201 229	< 0.2	0.97	18	350	< 0.5	< 2	0.25	< 0.5	8	43	12	1.98	< 10	< 1	0.07	10	0.51	200	1
S07953	201 229	0.4	1.37	18	570	0.5	< 2	0.98	0.5	12	46	43	2.54	< 10	< 1	0.12	20	0.66	580	1
S07954	201 229	0.8	1.84	28	1160	1.0	< 2	2.07	0.5	11	54	69	2.93	< 10	< 1	0.16	20	0.68	410	1
S07955	201 229	< 0.2	1.40	18	610	0.5	< 2	0.79	0.5	12	40	49	2.97	< 10	< 1	0.16	20	0.72	405	2
S07956	201 229	< 0.2	0.76	4	660	< 0.5	< 2	2.60	1.5	6	14	20	1.09	< 10	< 1	0.05	< 10	0.39	295	< 1
S07957	201 229	0.2	1.00	8	450	< 0.5	< 2	1.07	< 0.5	8	25	24	1.96	< 10	< 1	0.08	10	0.41	405	1
S07958	201 229	0.2	1.08	12	440	0.5	< 2	1.36	1.0	9	37	33	1.98	< 10	< 1	0.09	10	0.62	330	< 1
S07959	201 229	0.2	0.77	12	390	< 0.5	< 2	2.29	1.0	6	22	46	1.54	< 10	< 1	0.04	< 10	0.34	200	1
S07960	201 229	0.2	1.16	30	560	< 0.5	< 2	1.07	< 0.5	16	45	70	2.25	< 10	< 1	0.04	30	0.65	1015	1
T31701	201 229	< 0.2	0.54	10	290	< 0.5	< 2	0.46	0.5	5	28	10	1.25	< 10	< 1	0.04	10	0.28	185	< 1
T31702	201 229	< 0.2	1.19	38	250	< 0.5	< 2	0.32	< 0.5	28	292	15	4.03	< 10	< 1	0.06	10	1.94	650	1
T31703	201 229	< 0.2	1.29	30	380	0.5	< 2	0.33	< 0.5	16	112	35	3.09	< 10	< 1	0.08	30	1.02	765	1
T31704	201 229	< 0.2	1.01	16	400	< 0.5	< 2	0.99	0.5	8	50	24	2.05	< 10	< 1	0.07	10	0.72	230	1
T31705	201 229	< 0.2	0.94	20	520	< 0.5	< 2	1.24	0.5	14	69	40	2.45	< 10	< 1	0.06	20	0.85	685	1
T31706	201 229	0.2	1.36	12	630	0.5	< 2	0.56	1.5	10	39	49	3.18	< 10	< 1	0.10	20	0.47	455	1
T31707	201 229	0.4	1.44	10	780	0.5	< 2	0.95	0.5	14	62	40	3.01	< 10	< 1	0.09	20	0.70	695	2
T31708	201 229	< 0.2	1.07	16	320	< 0.5	< 2	0.87	0.5	11	50	30	2.50	< 10	< 1	0.09	20	0.70	405	1
T31709	201 229	< 0.2	1.13	12	380	< 0.5	< 2	1.12	0.5	12	48	27	2.54	< 10	< 1	0.09	20	0.62	450	1
T31710	201 229	< 0.2	1.12	14	370	< 0.5	< 2	0.65	< 0.5	12	58	23	2.40	< 10	< 1	0.08	20	0.67	365	1
T31711	201 229	< 0.2	0.90	8	240	< 0.5	< 2	0.35	< 0.5	8	44	14	1.91	< 10	< 1	0.07	10	0.52	300	1
T31712	201 229	< 0.2	1.09	8	300	< 0.5	< 2	0.37	0.5	10	58	17	2.37	< 10	< 1	0.06	20	0.66	350	1
T31713	201 229	< 0.2	0.96	8	320	< 0.5	< 2	0.62	< 0.5	10	53	16	2.16	< 10	< 1	0.06	20	0.54	400	1
T31714	201 229	< 0.2	1.07	14	290	< 0.5	< 2	0.62	< 0.5	10	47	26	2.55	< 10	< 1	0.07	20	0.61	320	1
T31715	201 229	< 0.2	1.35	4	450	0.5	< 2	0.88	0.5	11	55	27	2.48	< 10	< 1	0.07	30	0.66	515	< 1
T31716	201 229	< 0.2	1.15	14	310	< 0.5	< 2	0.98	1.5	10	43	23	2.49	< 10	< 1	0.08	20	0.59	475	1
T31717	201 229	< 0.2	1.25	12	310	< 0.5	< 2	0.24	< 0.5	9	57	18	2.41	< 10	< 1	0.06	20	0.60	270	1
T31718	201 229	< 0.2	1.63	36	510	0.5	< 2	0.45	< 0.5	21	115	45	4.40	< 10	< 1	0.09	30	0.99	920	2
T31719	201 229	< 0.2	0.90	24	160	< 0.5	< 2	0.44	2.0	11	49	16	2.62	< 10	< 1	0.04	20	0.61	340	1
T31720	201 229	< 0.2	1.08	14	290	< 0.5	< 2	0.50	< 0.5	10	40	25	2.63	< 10	< 1	0.04	20	0.50	310	1
T31721	201 229	< 0.2	1.10	16	460	< 0.5	< 2	0.88	< 0.5	10	47	26	2.35	< 10	< 1	0.06	20	0.52	350	1
T31722	201 229	< 0.2	1.10	20	410	< 0.5	< 2	0.81	< 0.5	9	48	26	2.35	< 10	< 1	0.06	20	0.55	380	1
T31723	201 229	< 0.2	1.16	6	300	< 0.5	< 2	0.69	0.5	12	52	23	2.28	< 10	< 1	0.09	20	0.59	370	< 1

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

to: ARCHER CATHRO & ASSOC. (1981) LTD.

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SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S07944	201 229	0.01	58	900	8	2	3	49	0.01	10	< 10	27	< 10	78
S07945	201 229	< 0.01	30	450	4	< 2	1	10	0.03	< 10	< 10	31	< 10	40
S07946	201 229	< 0.01	23	700	10	< 2	1	32	0.01	< 10	< 10	29	< 10	92
S07947	201 229	0.02	43	830	10	< 2	3	43	0.01	< 10	< 10	27	< 10	66
S07948	201 229	< 0.01	229	1120	8	4	4	103	0.01	10	< 10	26	< 10	72
S07949	201 229	0.01	69	500	14	2	2	31	0.01	< 10	< 10	38	< 10	88
S07950	201 229	0.01	92	610	14	2	2	57	0.02	< 10	< 10	38	< 10	194
S07951	201 229	0.02	60	420	12	< 2	2	25	0.02	< 10	< 10	31	< 10	80
S07952	201 229	< 0.01	40	410	6	2	2	17	0.01	< 10	< 10	38	< 10	88
S07953	201 229	< 0.01	57	1100	16	2	4	63	0.01	10	< 10	53	< 10	154
S07954	201 229	0.01	98	1030	16	2	5	112	< 0.01	10	< 10	70	< 10	190
S07955	201 229	0.01	56	1260	16	2	4	51	0.01	< 10	< 10	65	< 10	184
S07956	201 229	0.02	20	780	8	2	< 1	121	0.01	< 10	< 10	24	< 10	88
S07957	201 229	0.02	28	730	12	2	2	62	< 0.01	< 10	< 10	37	< 10	88
S07958	201 229	0.01	48	1190	16	2	3	85	0.01	< 10	< 10	40	< 10	142
S07959	201 229	0.01	48	790	10	2	2	115	< 0.01	< 10	< 10	22	< 10	116
S07960	201 229	0.01	63	980	12	2	4	69	0.01	< 10	< 10	26	< 10	62
T31701	201 229	0.01	24	450	8	< 2	1	29	0.01	< 10	< 10	17	< 10	64
T31702	201 229	0.01	208	750	14	2	3	23	0.02	< 10	< 10	42	< 10	72
T31703	201 229	< 0.01	142	750	20	< 2	6	21	0.02	10	< 10	41	< 10	108
T31704	201 229	0.01	55	1110	14	2	3	55	0.01	< 10	< 10	36	< 10	152
T31705	201 229	< 0.01	104	890	26	2	3	50	0.01	< 10	< 10	30	< 10	148
T31706	201 229	0.01	77	1040	28	2	4	38	< 0.01	10	< 10	39	< 10	284
T31707	201 229	< 0.01	84	1140	20	2	4	54	< 0.01	< 10	< 10	50	< 10	138
T31708	201 229	0.01	59	980	14	2	3	51	0.02	< 10	< 10	36	< 10	144
T31709	201 229	0.01	43	900	18	2	3	72	0.02	< 10	< 10	39	< 10	134
T31710	201 229	< 0.01	51	780	14	2	4	40	0.03	< 10	< 10	44	< 10	114
T31711	201 229	0.01	34	750	10	< 2	2	24	0.02	< 10	< 10	35	< 10	96
T31712	201 229	< 0.01	46	610	12	< 2	3	23	0.03	10	< 10	38	< 10	92
T31713	201 229	< 0.01	38	740	12	2	3	32	0.02	< 10	< 10	32	< 10	100
T31714	201 229	< 0.01	45	1040	14	2	3	36	0.02	< 10	< 10	37	< 10	124
T31715	201 229	0.01	47	840	16	< 2	4	45	0.02	10	< 10	38	< 10	130
T31716	201 229	0.01	36	880	12	2	3	51	0.03	10	< 10	40	< 10	340
T31717	201 229	< 0.01	39	380	10	2	2	14	0.04	< 10	< 10	39	< 10	60
T31718	201 229	< 0.01	101	810	18	2	9	24	0.03	10	< 10	60	< 10	144
T31719	201 229	< 0.01	55	1160	24	< 2	3	25	0.02	10	< 10	26	< 10	904
T31720	201 229	< 0.01	40	580	18	< 2	3	27	0.01	10	< 10	31	< 10	112
T31721	201 229	0.01	40	940	12	2	3	45	0.01	< 10	< 10	35	< 10	102
T31722	201 229	0.01	39	760	10	2	3	43	0.01	< 10	< 10	37	< 10	96
T31723	201 229	< 0.01	41	680	18	2	3	36	0.01	10	< 10	35	< 10	212

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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T31724	201 229	< 0.2	1.25	16	370	0.5	< 2	0.52	< 0.5	11	58	27	2.65	< 10	< 1	0.06	20	0.65	475	1
T31725	201 229	< 0.2	0.77	8	140	< 0.5	< 2	0.46	< 0.5	8	45	12	1.95	< 10	< 1	0.05	10	0.56	285	1
T31726	201 229	< 0.2	0.86	6	240	< 0.5	< 2	1.00	0.5	10	57	22	2.05	< 10	< 1	0.08	20	0.62	330	1
T31727	201 229	0.2	0.93	8	310	< 0.5	< 2	1.07	1.0	10	39	38	2.09	< 10	< 1	0.06	20	0.51	250	< 1
T31728	201 229	0.2	1.54	20	570	0.5	< 2	0.57	0.5	12	36	58	3.12	< 10	< 1	0.15	20	0.65	445	3
T31729	201 229	< 0.2	0.95	22	280	< 0.5	< 2	0.31	< 0.5	10	58	12	2.25	< 10	< 1	0.06	10	0.62	350	1
T31730	201 229	< 0.2	1.14	28	290	< 0.5	2	0.39	< 0.5	12	88	24	2.68	< 10	< 1	0.07	20	0.87	385	1
T31731	201 229	< 0.2	1.10	24	260	< 0.5	< 2	0.20	< 0.5	12	85	15	2.35	< 10	< 1	0.04	10	0.82	315	1
T31732	201 229	0.4	1.28	14	620	0.5	< 2	0.78	0.5	11	42	49	2.51	< 10	< 1	0.11	20	0.62	430	2
T31733	201 229	0.2	1.11	18	370	< 0.5	< 2	0.69	0.5	11	54	27	2.34	< 10	< 1	0.09	20	0.73	400	1
T31734	201 229	0.2	0.92	12	360	< 0.5	< 2	0.81	0.5	9	49	28	1.81	< 10	< 1	0.06	10	0.68	290	1
T31735	201 229	< 0.2	1.01	18	200	< 0.5	2	0.40	0.5	16	113	9	2.53	< 10	< 1	0.07	10	0.98	620	1
T31736	201 229	0.2	1.02	24	310	< 0.5	< 2	0.95	0.5	14	100	29	2.66	< 10	1	0.06	10	1.30	475	1
T31737	201 229	1.8	0.78	36	430	< 0.5	< 2	2.20	96.5	23	26	65	6.02	< 10	23	0.02	20	0.40	2390	1
T31738	201 229	< 0.2	0.99	14	200	< 0.5	< 2	0.25	0.5	9	55	15	2.25	< 10	< 1	0.05	10	0.58	325	1
T31739	201 229	< 0.2	1.32	14	320	< 0.5	< 2	0.24	< 0.5	9	67	18	2.52	< 10	< 1	0.04	10	0.70	350	< 1
T31740	201 229	0.2	0.93	12	280	< 0.5	< 2	0.34	< 0.5	7	43	15	1.80	< 10	< 1	0.04	10	0.45	395	< 1
T31741	201 229	0.2	0.92	10	240	< 0.5	< 2	0.32	< 0.5	8	54	13	1.98	< 10	< 1	0.03	10	0.57	255	1
T31742	201 229	0.2	1.10	14	360	< 0.5	< 2	0.42	< 0.5	9	57	28	2.42	< 10	< 1	0.05	20	0.61	350	1
T31743	201 229	0.2	1.43	22	590	0.5	< 2	0.53	< 0.5	13	79	40	2.76	< 10	< 1	0.06	20	0.76	545	1
T31744	201 229	< 0.2	1.11	14	300	< 0.5	< 2	0.30	< 0.5	11	77	24	2.28	< 10	< 1	0.04	10	0.69	460	1
T31745	201 229	0.2	0.97	12	250	< 0.5	< 2	0.92	< 0.5	8	49	22	1.96	< 10	< 1	0.03	10	0.54	330	1
T31746	201 229	0.2	0.71	20	140	< 0.5	< 2	0.45	< 0.5	9	40	23	2.16	< 10	< 1	0.03	20	0.51	210	2
T31747	201 229	0.2	1.07	18	300	< 0.5	< 2	0.87	0.5	10	41	23	2.59	< 10	< 1	0.03	10	0.50	505	1
T31748	201 229	< 0.2	1.39	10	510	< 0.5	< 2	0.31	< 0.5	10	60	26	2.55	< 10	< 1	0.04	20	0.71	290	1
T31749	201 229	0.2	1.19	14	460	< 0.5	< 2	0.80	0.5	10	50	30	2.20	< 10	1	0.03	20	0.46	540	1
T31750	201 229	< 0.2	1.22	12	370	< 0.5	< 2	0.34	< 0.5	9	66	19	2.36	< 10	< 1	0.04	10	0.63	275	1
T31751	201 229	< 0.2	1.26	18	370	< 0.5	< 2	0.48	0.5	10	71	19	2.45	< 10	< 1	0.05	10	0.62	390	1
T31752	201 229	< 0.2	1.09	14	220	< 0.5	< 2	0.33	0.5	8	45	15	2.74	< 10	< 1	0.04	20	0.51	230	2
T31753	201 229	< 0.2	1.20	10	330	< 0.5	< 2	0.19	< 0.5	7	45	11	2.21	< 10	< 1	0.04	10	0.51	230	1
T31754	201 229	< 0.2	0.84	26	210	< 0.5	< 2	0.48	< 0.5	11	56	27	2.34	< 10	< 1	0.05	20	0.59	400	1
T31755	201 229	0.2	0.87	16	390	< 0.5	< 2	1.44	1.0	9	45	16	2.12	< 10	< 1	0.05	10	0.47	355	1
T31756	201 229	0.4	1.45	20	810	0.5	< 2	0.81	< 0.5	12	48	43	2.97	< 10	< 1	0.08	20	0.65	440	1
T31757	201 229	0.2	1.09	22	480	< 0.5	< 2	1.10	5.5	11	49	35	2.52	< 10	< 1	0.06	20	0.54	695	1
T31758	203 205	0.2	0.96	20	440	< 0.5	< 2	1.04	5.5	10	74	26	2.23	< 10	< 1	0.10	20	0.40	730	1
T31759	201 229	< 0.2	1.01	24	250	< 0.5	< 2	0.36	5.5	13	77	15	2.76	< 10	< 1	0.07	10	0.45	915	2
T31760	201 229	0.2	0.89	18	350	< 0.5	< 2	0.51	0.5	8	31	24	1.99	< 10	< 1	0.03	20	0.37	325	1
T31761	201 229	0.2	1.37	26	320	< 0.5	< 2	0.56	< 0.5	14	77	31	2.88	< 10	< 1	0.07	10	0.76	740	1
T31762	201 229	< 0.2	1.34	22	340	0.5	< 2	0.54	0.5	13	67	32	2.88	< 10	< 1	0.07	20	0.66	560	1
T31763	201 229	< 0.2	1.18	20	240	< 0.5	< 2	0.33	< 0.5	12	71	27	2.78	< 10	< 1	0.05	20	0.81	450	< 1

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Project: KP
 Comments:

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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T31724	201 229	< 0.01	51	750	18	< 2	4	31	0.01	< 10	< 10	36	< 10	118
T31725	201 229	< 0.01	37	880	6	< 2	2	28	0.02	< 10	< 10	29	< 10	94
T31726	201 229	< 0.01	52	970	12	< 2	2	54	0.02	10	< 10	30	< 10	132
T31727	201 229	< 0.01	58	920	14	< 2	2	66	0.01	< 10	< 10	28	< 10	104
T31728	201 229	0.01	64	1070	22	2	5	47	0.01	10	< 10	70	< 10	180
T31729	201 229	< 0.01	49	600	8	< 2	2	20	0.03	< 10	< 10	34	< 10	78
T31730	201 229	< 0.01	95	880	16	< 2	3	21	0.03	10	< 10	37	< 10	104
T31731	201 229	< 0.01	70	510	10	< 2	2	11	0.03	10	< 10	33	< 10	72
T31732	201 229	< 0.01	70	1160	18	< 2	4	47	0.01	10	< 10	49	< 10	148
T31733	201 229	0.01	64	1020	12	< 2	3	42	0.01	< 10	< 10	42	< 10	140
T31734	201 229	0.02	68	1060	14	2	2	52	0.01	< 10	< 10	31	< 10	120
T31735	201 229	< 0.01	70	630	12	2	3	26	0.02	< 10	< 10	37	< 10	154
T31736	201 229	0.01	135	910	28	2	3	44	0.01	< 10	< 10	32	< 10	188
T31737	201 229	< 0.01	47	1270	532	2	8	92	< 0.01	10	< 10	19	< 10	9640
T31738	201 229	0.01	38	490	12	< 2	2	13	0.02	< 10	< 10	31	< 10	150
T31739	201 229	< 0.01	49	400	14	< 2	2	13	0.03	< 10	< 10	34	< 10	88
T31740	201 229	0.02	27	480	8	< 2	2	19	0.02	< 10	< 10	27	< 10	88
T31741	201 229	0.01	34	600	8	< 2	2	17	0.03	< 10	< 10	29	< 10	62
T31742	201 229	< 0.01	44	1070	14	< 2	3	27	0.02	< 10	< 10	34	< 10	104
T31743	201 229	< 0.01	63	660	14	2	5	30	0.03	< 10	< 10	44	< 10	104
T31744	201 229	0.01	49	560	12	< 2	3	18	0.04	< 10	< 10	34	< 10	74
T31745	201 229	0.01	35	890	10	< 2	2	64	0.02	< 10	< 10	29	< 10	86
T31746	201 229	< 0.01	37	1060	20	< 2	3	29	0.01	< 10	< 10	23	< 10	100
T31747	201 229	< 0.01	30	790	20	< 2	2	55	0.01	< 10	< 10	30	< 10	120
T31748	201 229	< 0.01	41	370	6	< 2	4	15	0.03	< 10	< 10	36	< 10	68
T31749	201 229	0.01	47	640	12	< 2	3	43	0.01	< 10	< 10	28	< 10	88
T31750	201 229	< 0.01	47	350	12	< 2	3	18	0.03	< 10	< 10	32	< 10	78
T31751	201 229	0.01	50	360	12	< 2	3	31	0.02	< 10	< 10	34	< 10	80
T31752	201 229	< 0.01	35	820	14	< 2	2	21	0.01	< 10	< 10	32	< 10	182
T31753	201 229	0.01	28	420	16	< 2	1	12	0.02	< 10	< 10	32	< 10	122
T31754	201 229	< 0.01	48	860	12	< 2	3	24	0.02	< 10	< 10	25	< 10	92
T31755	201 229	0.01	26	710	14	2	1	67	0.02	< 10	< 10	31	< 10	84
T31756	201 229	0.01	56	810	16	2	4	45	0.01	< 10	< 10	47	< 10	128
T31757	201 229	0.01	55	670	14	2	3	52	0.02	< 10	< 10	32	< 10	828
T31758	203 205	0.01	33	920	20	< 2	1	55	0.01	10	< 10	28	< 10	532
T31759	201 229	0.02	41	710	20	< 2	2	21	0.02	< 10	< 10	36	< 10	604
T31760	201 229	0.01	38	540	16	< 2	2	31	0.01	< 10	< 10	24	< 10	90
T31761	201 229	0.01	59	600	20	2	4	37	0.02	< 10	< 10	38	< 10	168
T31762	201 229	< 0.01	64	500	22	< 2	4	35	0.01	< 10	< 10	34	< 10	148
T31763	201 229	< 0.01	67	630	36	< 2	4	21	0.02	< 10	< 10	30	< 10	98

CERTIFICATION: *Hart Bickler*



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T31764	201 229	< 0.2	0.95	16	310	< 0.5	< 2	0.68	< 0.5	9	45	18	2.16	< 10	< 1	0.04	10	0.55	280	< 1
T31765	201 229	< 0.2	1.35	14	320	< 0.5	< 2	0.23	< 0.5	11	38	18	2.90	< 10	< 1	0.06	10	0.63	360	2
T31766	201 229	0.2	1.06	24	440	< 0.5	< 2	0.38	< 0.5	10	46	15	2.45	< 10	< 1	0.04	10	0.51	430	1
T31767	201 229	0.2	0.90	16	490	< 0.5	< 2	1.37	2.5	8	34	46	1.68	< 10	< 1	0.03	30	0.36	495	1
T31768	201 229	0.2	1.24	20	320	< 0.5	< 2	0.62	3.0	10	50	40	2.75	< 10	< 1	0.06	20	0.63	330	1
T31769	201 229	< 0.2	1.07	18	230	< 0.5	< 2	0.44	< 0.5	10	73	24	2.24	< 10	< 1	0.06	10	0.76	330	< 1
T31770	201 229	0.2	1.45	22	480	0.5	< 2	0.53	< 0.5	11	47	37	2.98	< 10	< 1	0.11	20	0.72	460	2
T31771	201 229	0.2	1.00	16	350	< 0.5	< 2	0.62	< 0.5	10	58	26	2.08	< 10	< 1	0.04	10	0.65	270	1
T31823	201 229	0.2	1.07	28	340	< 0.5	< 2	0.34	0.5	12	50	29	2.86	< 10	1	0.06	10	0.58	435	< 1
T31824	201 229	2.4	0.35	150	200	< 0.5	< 2	0.87	7.0	22	18	74	5.71	< 10	< 1	0.12	10	0.07	690	< 1
T31825	201 229	0.2	1.06	40	90	< 0.5	< 2	4.47	2.0	28	29	36	5.98	< 10	< 1	0.04	< 10	0.54	1100	< 1
T39304	201 229	0.2	1.70	20	300	< 0.5	< 2	0.31	< 0.5	14	112	17	3.55	< 10	< 1	0.03	20	1.10	525	1
T39305	201 229	< 0.2	1.49	24	200	< 0.5	< 2	0.21	< 0.5	11	81	16	3.16	< 10	1	0.03	20	0.77	385	1
T39306	201 229	< 0.2	0.87	14	190	< 0.5	< 2	0.29	< 0.5	8	51	14	2.05	< 10	< 1	0.02	20	0.58	285	< 1
T39307	201 229	0.6	1.31	24	380	< 0.5	< 2	0.75	0.5	14	68	29	3.35	< 10	< 1	0.03	20	0.73	610	1
T39308	201 229	< 0.2	1.13	14	180	< 0.5	< 2	0.17	< 0.5	10	61	11	2.33	< 10	1	0.03	10	0.58	275	1
T39309	201 229	< 0.2	0.99	18	230	< 0.5	< 2	0.21	< 0.5	9	62	13	2.11	< 10	< 1	0.04	10	0.66	265	1
T39310	201 229	< 0.2	1.05	18	310	< 0.5	< 2	0.92	< 0.5	10	70	24	2.35	< 10	1	0.06	20	0.83	520	< 1
T39311	201 229	< 0.2	0.87	12	190	< 0.5	< 2	0.51	< 0.5	9	70	17	2.03	< 10	< 1	0.04	20	0.76	265	< 1
T39312	201 229	< 0.2	1.05	22	370	< 0.5	< 2	1.52	< 0.5	9	73	21	2.16	< 10	< 1	0.07	20	0.72	285	< 1
T39313	201 229	< 0.2	1.39	26	260	< 0.5	< 2	0.91	< 0.5	12	71	30	2.71	< 10	< 1	0.09	30	1.00	480	< 1
T39314	201 229	< 0.2	1.10	20	220	< 0.5	< 2	0.53	< 0.5	11	68	19	2.39	< 10	< 1	0.07	20	0.79	385	1
T39315	201 229	< 0.2	1.20	20	340	< 0.5	< 2	0.74	< 0.5	10	52	16	2.35	< 10	< 1	0.07	20	0.61	355	< 1
T39316	201 229	< 0.2	0.90	16	240	< 0.5	< 2	0.26	< 0.5	9	40	13	1.96	< 10	< 1	0.04	10	0.50	305	1
T39317	201 229	< 0.2	0.95	14	320	< 0.5	< 2	0.29	< 0.5	8	43	20	2.10	< 10	< 1	0.06	10	0.49	335	1
T39318	201 229	< 0.2	1.05	14	390	< 0.5	< 2	0.23	< 0.5	10	40	18	2.34	< 10	< 1	0.02	20	0.42	300	1
T39319	201 229	< 0.2	0.92	16	160	< 0.5	< 2	0.34	0.5	12	39	15	3.20	< 10	< 1	0.06	10	0.42	510	1
T39320	201 229	< 0.2	0.90	14	260	< 0.5	< 2	0.22	< 0.5	7	35	12	1.90	< 10	< 1	0.03	10	0.36	250	1
T39321	201 229	< 0.2	1.12	20	410	< 0.5	< 2	0.21	< 0.5	9	52	16	2.28	< 10	< 1	0.08	10	0.58	250	1
T39322	201 229	< 0.2	1.15	18	400	< 0.5	< 2	0.21	< 0.5	8	36	12	2.37	< 10	< 1	0.04	20	0.47	265	1
T39323	201 229	< 0.2	0.85	26	180	< 0.5	< 2	0.20	0.5	12	40	15	3.01	< 10	< 1	0.03	20	0.38	615	1
T39324	201 229	< 0.2	0.92	34	270	< 0.5	< 2	0.14	< 0.5	11	32	16	4.07	< 10	< 1	0.05	20	0.33	1230	2
T39325	201 229	< 0.2	0.92	14	240	< 0.5	< 2	0.06	1.0	8	28	8	2.63	< 10	< 1	0.05	20	0.27	250	2
T39326	201 229	< 0.2	0.93	14	220	< 0.5	< 2	0.21	< 0.5	9	22	19	2.53	< 10	< 1	0.03	20	0.27	275	1
T39327	201 229	< 0.2	0.95	12	270	< 0.5	< 2	0.27	< 0.5	9	44	11	2.08	< 10	< 1	0.04	20	0.53	355	1
T39328	201 229	< 0.2	1.25	10	360	< 0.5	< 2	0.20	< 0.5	8	46	15	2.17	< 10	< 1	0.04	10	0.57	275	1
T39329	201 229	< 0.2	1.22	16	360	< 0.5	< 2	0.44	< 0.5	12	52	20	2.64	< 10	< 1	0.06	20	0.55	510	1
T39330	201 229	< 0.2	0.87	8	300	< 0.5	< 2	1.09	0.5	8	46	14	1.77	< 10	< 1	0.05	20	0.50	440	< 1
T39331	201 229	< 0.2	0.62	10	120	< 0.5	< 2	0.30	< 0.5	8	54	7	1.68	< 10	< 1	0.04	10	0.46	245	< 1
T39332	201 229	< 0.2	0.99	12	190	< 0.5	< 2	0.19	3.0	10	42	10	2.33	< 10	< 1	0.08	10	0.43	395	1

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Hart Bichler

CERTIFICATION:



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T31764	201 229	0.01	42	1040	12	< 2	2	47	0.01	< 10	< 10	25	< 10	98
T31765	201 229	< 0.01	32	760	16	< 2	2	19	0.01	< 10	< 10	44	< 10	156
T31766	201 229	< 0.01	33	460	14	< 2	2	24	0.01	< 10	< 10	33	< 10	208
T31767	201 229	0.01	49	980	12	< 2	2	76	< 0.01	< 10	< 10	18	< 10	290
T31768	201 229	< 0.01	46	670	16	< 2	4	39	0.01	< 10	< 10	34	< 10	470
T31769	201 229	0.01	50	630	8	< 2	3	25	0.04	< 10	< 10	34	< 10	110
T31770	201 229	< 0.01	47	1000	14	< 2	4	35	0.01	< 10	< 10	50	< 10	206
T31771	201 229	0.01	43	820	10	< 2	3	35	0.02	< 10	< 10	32	< 10	76
T31823	201 229	< 0.01	59	750	92	2	4	24	0.01	< 10	< 10	30	< 10	838
T31824	201 229	0.03	93	1410	470	2	3	232	< 0.01	< 10	< 10	11	< 10	2470
T31825	201 229	< 0.01	74	1690	72	< 2	4	64	< 0.01	< 10	< 10	19	< 10	1780
T39304	201 229	< 0.01	81	730	90	< 2	5	19	0.06	< 10	< 10	51	< 10	526
T39305	201 229	< 0.01	65	680	132	2	3	13	0.03	< 10	< 10	38	< 10	482
T39306	201 229	< 0.01	47	870	38	< 2	2	17	0.02	< 10	< 10	23	< 10	258
T39307	201 229	< 0.01	64	1230	70	2	3	45	0.01	< 10	< 10	36	< 10	482
T39308	201 229	< 0.01	46	460	20	< 2	2	9	0.02	< 10	< 10	27	< 10	190
T39309	201 229	< 0.01	59	520	16	< 2	2	13	0.02	< 10	< 10	25	< 10	126
T39310	201 229	0.01	63	950	20	< 2	3	39	0.03	< 10	< 10	26	< 10	122
T39311	201 229	0.01	73	910	14	< 2	3	26	0.03	< 10	< 10	22	< 10	90
T39312	201 229	0.01	60	690	22	2	2	79	0.02	< 10	< 10	24	< 10	126
T39313	201 229	0.02	86	800	12	2	4	43	0.03	10	< 10	37	< 10	84
T39314	201 229	0.01	71	780	14	2	3	28	0.04	10	< 10	31	< 10	78
T39315	201 229	0.01	41	990	18	< 2	3	41	0.02	< 10	< 10	37	< 10	116
T39316	201 229	< 0.01	34	840	14	< 2	2	17	0.01	< 10	< 10	29	< 10	100
T39317	201 229	0.01	38	830	14	< 2	2	19	0.01	< 10	< 10	29	< 10	116
T39318	201 229	< 0.01	34	560	22	< 2	2	19	0.01	< 10	< 10	25	< 10	130
T39319	201 229	< 0.01	31	610	22	< 2	2	23	0.01	< 10	< 10	28	< 10	238
T39320	201 229	< 0.01	23	490	16	< 2	1	15	0.01	< 10	< 10	24	< 10	112
T39321	201 229	0.01	41	450	8	< 2	2	15	0.02	< 10	< 10	33	< 10	108
T39322	201 229	< 0.01	27	510	20	< 2	2	14	0.02	< 10	< 10	34	< 10	228
T39323	201 229	< 0.01	39	770	44	< 2	2	15	0.01	< 10	< 10	28	< 10	366
T39324	201 229	< 0.01	34	630	48	< 2	2	11	0.01	< 10	< 10	35	< 10	458
T39325	201 229	0.01	22	260	20	< 2	1	8	0.02	< 10	< 10	39	< 10	210
T39326	201 229	< 0.01	25	390	28	< 2	1	13	< 0.01	< 10	< 10	15	< 10	102
T39327	201 229	< 0.01	37	760	12	< 2	2	18	0.02	< 10	< 10	30	< 10	82
T39328	201 229	< 0.01	32	490	10	2	2	13	0.02	< 10	< 10	36	< 10	96
T39329	201 229	< 0.01	42	750	62	< 2	3	31	0.02	< 10	< 10	36	< 10	124
T39330	201 229	0.01	33	1100	12	< 2	2	54	0.02	< 10	< 10	25	< 10	106
T39331	201 229	< 0.01	32	920	12	< 2	1	16	0.02	< 10	< 10	24	< 10	82
T39332	201 229	0.01	28	560	16	< 2	2	14	0.03	< 10	< 10	38	< 10	222

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

to: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : KP
Comments:

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Invoice No. : I9321386
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS A9321386

SAMPLE	PREP CODE		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
T39333	201	229	< 0.2	0.89	24	230	< 0.5	< 2	0.38	0.5	14	75	11	2.60	10	< 1	0.07	10	0.63	690	< 1
T39334	201	229	< 0.2	1.19	28	200	< 0.5	< 2	0.28	< 0.5	13	76	33	2.55	10	< 1	0.05	20	0.67	355	< 1
T39335	201	229	< 0.2	0.98	14	190	< 0.5	< 2	0.23	< 0.5	11	49	13	2.34	< 10	< 1	0.05	10	0.46	410	< 1
T39336	201	229	< 0.2	0.95	8	250	< 0.5	< 2	0.49	1.0	9	48	21	2.02	10	< 1	0.08	10	0.48	315	< 1
T39337	201	229	< 0.2	0.80	6	160	< 0.5	< 2	0.23	< 0.5	5	18	12	1.02	< 10	< 1	0.04	< 10	0.16	300	< 1
T39338	201	229	< 0.2	1.10	24	150	< 0.5	< 2	0.45	0.5	15	67	22	2.63	10	< 1	0.06	20	0.72	640	< 1
T39339	201	229	< 0.2	1.47	22	210	< 0.5	< 2	0.16	0.5	11	63	7	2.66	10	< 1	0.06	10	0.62	495	< 1
T39340	201	229	< 0.2	1.14	18	420	< 0.5	< 2	0.46	0.5	17	78	16	2.75	10	< 1	0.07	10	0.67	690	< 1
T39341	201	229	< 0.2	1.06	12	300	< 0.5	< 2	0.31	< 0.5	12	71	13	2.41	10	< 1	0.06	10	0.67	400	< 1
T39342	201	229	0.4	1.13	14	460	< 0.5	< 2	0.96	1.0	15	44	20	2.46	10	< 1	0.07	10	0.56	1205	< 1
T39343	201	229	0.2	0.85	16	340	< 0.5	< 2	0.30	< 0.5	8	38	9	1.93	10	< 1	0.04	20	0.48	175	< 1
T39344	201	229	< 0.2	1.11	8	310	< 0.5	< 2	0.35	< 0.5	10	66	14	2.31	10	< 1	0.04	20	0.70	285	< 1
T39345	201	229	< 0.2	1.18	26	320	< 0.5	< 2	1.14	0.5	16	49	40	3.36	10	< 1	0.10	10	0.81	610	< 1
T39346	201	229	< 0.2	0.91	20	340	< 0.5	< 2	0.32	< 0.5	12	52	20	2.47	10	< 1	0.04	10	0.49	320	< 1
T39347	201	229	< 0.2	0.78	8	200	< 0.5	< 2	0.64	0.5	11	42	14	2.14	< 10	< 1	0.04	< 10	0.44	450	< 1
T39348	201	229	0.2	0.96	24	240	< 0.5	< 2	0.61	< 0.5	12	44	17	2.72	10	< 1	0.06	10	0.48	545	< 1
T39349	201	229	0.2	0.79	22	240	< 0.5	< 2	4.37	< 0.5	11	32	24	2.37	< 10	< 1	0.06	< 10	0.32	890	< 1
T39350	201	229	0.2	0.99	14	250	< 0.5	< 2	1.00	0.5	15	53	33	3.98	10	< 1	0.14	10	0.67	1260	< 1
T39351	201	229	< 0.2	1.57	28	240	< 0.5	< 2	0.18	< 0.5	15	141	16	3.49	10	< 1	0.07	20	0.99	390	< 1
T39352	201	229	0.2	0.70	16	160	< 0.5	< 2	0.07	< 0.5	4	28	6	1.88	< 10	< 1	0.14	20	0.19	155	< 1
T39353	201	229	0.2	0.55	12	140	< 0.5	< 2	0.08	< 0.5	3	17	6	1.42	< 10	< 1	0.17	20	0.09	120	< 1
T39354	201	229	0.2	0.53	20	150	< 0.5	< 2	0.05	< 0.5	7	12	9	2.24	< 10	< 1	0.14	20	0.10	500	< 1
T39355	201	229	0.2	0.92	14	190	< 0.5	< 2	0.09	< 0.5	9	27	14	2.57	10	< 1	0.11	20	0.29	285	< 1
T39356	201	229	0.2	1.39	4	170	< 0.5	< 2	0.39	< 0.5	13	43	31	3.75	10	< 1	0.06	30	0.63	375	< 1
T39357	201	229	< 0.2	1.35	18	240	< 0.5	< 2	0.40	< 0.5	16	30	19	3.67	10	< 1	0.11	10	0.46	450	< 1
T39358	201	229	0.2	0.74	10	230	< 0.5	< 2	1.06	0.5	11	28	19	1.91	10	< 1	0.09	< 10	0.31	865	< 1
T39359	201	229	< 0.2	0.91	14	170	< 0.5	< 2	0.26	< 0.5	11	37	12	2.42	10	< 1	0.12	20	0.34	345	< 1
T39360	201	229	< 0.2	0.96	12	290	< 0.5	< 2	0.40	< 0.5	14	60	15	2.40	10	< 1	0.07	10	0.53	355	< 1
T39361	201	229	< 0.2	0.98	14	560	< 0.5	< 2	0.39	< 0.5	11	72	17	2.21	10	< 1	0.07	10	0.75	260	< 1
T39362	201	229	< 0.2	1.13	20	330	< 0.5	< 2	0.31	< 0.5	12	70	16	2.61	10	< 1	0.08	20	0.65	310	< 1
T39363	201	229	0.2	1.25	22	550	< 0.5	< 2	0.41	< 0.5	15	51	26	2.94	10	< 1	0.08	20	0.58	590	< 1
T39364	201	229	< 0.2	1.07	24	380	< 0.5	< 2	0.46	< 0.5	13	58	19	2.46	10	< 1	0.06	10	0.70	360	< 1
T39365	201	229	0.4	1.25	30	600	< 0.5	< 2	0.52	< 0.5	15	69	65	2.73	10	< 1	0.09	20	0.74	410	< 1
T39366	201	229	0.2	1.10	16	360	< 0.5	< 2	0.54	0.5	14	59	32	2.26	10	< 1	0.08	10	0.68	410	< 1
T39367	201	229	0.4	0.94	14	360	< 0.5	< 2	0.65	< 0.5	11	70	25	1.90	10	< 1	0.08	10	0.71	365	< 1
T39368	201	229	0.4	0.95	6	310	< 0.5	< 2	0.53	0.5	9	44	15	2.10	10	< 1	0.07	10	0.51	240	< 1
T39369	201	229	< 0.2	1.00	14	340	< 0.5	< 2	0.39	< 0.5	11	59	8	2.10	10	< 1	0.06	10	0.63	420	< 1
T39370	201	229	< 0.2	1.06	14	300	< 0.5	< 2	0.28	< 0.5	12	61	12	1.97	10	< 1	0.09	10	0.69	295	< 1
T39371	201	229	< 0.2	0.88	16	280	< 0.5	< 2	0.36	< 0.5	12	74	12	2.07	10	< 1	0.06	10	0.75	210	< 1
T39372	201	229	< 0.2	0.87	12	280	< 0.5	< 2	0.24	< 0.5	12	67	15	1.90	< 10	< 1	0.07	10	0.69	295	< 1

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

o: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
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 Y1A 3S9

Project: KP
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CERTIFICATE OF ANALYSIS

A9321386

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T39333	201 229	0.01	44	1360	26	2	2	21	0.02	< 10	< 10	39	< 10	166
T39334	201 229	0.01	77	570	18	< 2	4	15	0.04	< 10	< 10	39	< 10	100
T39335	201 229	< 0.01	41	880	20	< 2	2	14	0.03	< 10	< 10	35	< 10	170
T39336	201 229	0.01	41	960	8	< 2	2	28	0.03	< 10	< 10	37	< 10	132
T39337	201 229	0.04	16	740	14	< 2	< 1	19	0.01	< 10	< 10	15	< 10	68
T39338	201 229	0.01	77	730	72	2	4	25	0.03	< 10	< 10	33	< 10	462
T39339	201 229	0.01	37	740	46	2	2	9	0.04	< 10	< 10	48	< 10	516
T39340	201 229	0.01	73	450	24	2	3	33	0.02	< 10	< 10	38	< 10	126
T39341	201 229	< 0.01	52	400	16	< 2	2	19	0.03	< 10	< 10	37	< 10	150
T39342	201 229	0.01	54	800	22	< 2	3	55	0.02	< 10	< 10	36	< 10	360
T39343	201 229	< 0.01	38	540	10	2	2	17	0.02	< 10	< 10	31	< 10	104
T39344	201 229	< 0.01	71	440	50	< 2	3	20	0.03	< 10	< 10	30	< 10	394
T39345	201 229	0.01	71	1110	42	2	4	57	0.02	< 10	< 10	41	< 10	290
T39346	201 229	< 0.01	58	380	32	< 2	2	23	0.01	< 10	< 10	26	< 10	114
T39347	201 229	< 0.01	37	440	14	< 2	2	45	0.01	< 10	< 10	24	< 10	102
T39348	201 229	< 0.01	40	820	18	2	3	42	0.01	< 10	< 10	30	< 10	128
T39349	201 229	0.02	43	920	18	4	3	199	0.01	< 10	< 10	24	< 10	88
T39350	201 229	0.01	56	930	12	< 2	4	40	< 0.01	< 10	< 10	31	< 10	130
T39351	201 229	< 0.01	67	350	14	4	4	14	0.02	< 10	< 10	60	< 10	114
T39352	201 229	0.01	15	200	10	< 2	1	8	0.01	< 10	< 10	20	< 10	76
T39353	201 229	< 0.01	8	190	8	< 2	< 1	8	< 0.01	< 10	< 10	15	< 10	32
T39354	201 229	< 0.01	10	250	14	< 2	1	7	0.01	< 10	< 10	21	< 10	42
T39355	201 229	< 0.01	20	300	14	2	1	8	0.01	< 10	< 10	27	< 10	54
T39356	201 229	< 0.01	40	970	22	< 2	4	21	0.01	< 10	< 10	38	< 10	130
T39357	201 229	< 0.01	33	490	8	< 2	2	25	< 0.01	< 10	< 10	24	< 10	82
T39358	201 229	0.01	30	810	10	< 2	1	61	0.01	< 10	< 10	22	< 10	192
T39359	201 229	< 0.01	27	220	16	< 2	1	18	0.01	< 10	< 10	26	< 10	72
T39360	201 229	< 0.01	53	400	12	< 2	3	28	0.01	< 10	< 10	32	< 10	52
T39361	201 229	< 0.01	62	940	6	< 2	2	27	0.03	< 10	< 10	37	< 10	72
T39362	201 229	< 0.01	62	660	20	< 2	3	21	0.02	< 10	< 10	42	< 10	130
T39363	201 229	< 0.01	53	700	16	< 2	4	27	0.02	< 10	< 10	47	< 10	92
T39364	201 229	< 0.01	56	970	8	< 2	3	29	0.03	< 10	< 10	43	< 10	78
T39365	201 229	< 0.01	131	880	14	2	7	30	0.02	< 10	< 10	44	< 10	112
T39366	201 229	0.01	95	680	12	2	4	38	0.02	< 10	< 10	37	< 10	86
T39367	201 229	0.01	79	980	10	< 2	3	43	0.02	< 10	< 10	36	< 10	80
T39368	201 229	0.01	37	600	12	< 2	2	34	0.02	< 10	< 10	35	< 10	138
T39369	201 229	< 0.01	38	320	8	< 2	2	24	0.03	< 10	< 10	39	< 10	114
T39370	201 229	< 0.01	54	590	6	2	2	21	0.02	< 10	< 10	45	< 10	90
T39371	201 229	< 0.01	81	660	4	< 2	2	22	0.02	< 10	< 10	34	< 10	78
T39372	201 229	< 0.01	70	600	6	< 2	2	16	0.01	< 10	< 10	33	< 10	70

CERTIFICATION: *Stuart Bickler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS A9321386

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T39373	201 229	0.2	1.12	20	390	< 0.5	2	0.43	< 0.5	11	68	18	2.23	10	< 1	0.09	10	0.58	205	1
T39374	201 229	0.2	1.19	6	210	< 0.5	2	0.16	0.5	16	76	11	3.36	10	< 1	0.10	20	0.49	330	< 1
T39376	201 229	0.6	1.18	12	550	< 0.5	< 2	1.15	0.5	13	47	40	2.28	10	< 1	0.14	10	0.65	520	< 1
T39377	201 229	0.8	0.91	12	440	< 0.5	2	0.86	1.0	10	47	25	1.91	10	< 1	0.10	10	0.38	640	1
T39378	201 229	0.6	1.11	18	750	< 0.5	< 2	0.69	0.5	11	34	45	2.49	10	< 1	0.10	20	0.48	475	1
T39379	201 229	0.2	0.85	18	970	< 0.5	< 2	1.28	0.5	10	41	36	2.09	10	< 1	0.08	< 10	0.48	325	< 1
T39380	201 229	< 0.2	0.84	22	720	< 0.5	< 2	1.78	2.0	19	28	35	3.42	< 10	< 1	0.07	< 10	0.47	3740	1
T39381	201 229	0.2	0.95	6	540	< 0.5	< 2	1.57	1.0	12	31	37	2.19	< 10	< 1	0.06	< 10	0.47	560	< 1
T39382	201 229	0.2	1.26	12	590	< 0.5	< 2	0.89	0.5	12	32	43	2.54	< 10	< 1	0.10	10	0.56	455	1
T39383	201 229	< 0.2	1.30	16	240	< 0.5	< 2	0.23	1.0	28	262	23	4.26	< 10	< 1	0.10	10	1.39	445	1
T39384	201 229	0.2	1.40	2	310	< 0.5	< 2	0.12	1.5	14	49	16	2.53	< 10	< 1	0.10	20	0.45	745	< 1
T39385	201 229	< 0.2	1.09	6	450	< 0.5	< 2	0.41	< 0.5	10	41	17	2.17	< 10	< 1	0.10	10	0.50	405	1
T39386	201 229	< 0.2	1.17	4	260	< 0.5	< 2	0.26	1.0	12	28	30	3.14	< 10	< 1	0.13	10	0.43	430	1
T39387	201 229	0.2	1.28	12	510	< 0.5	< 2	0.54	0.5	14	48	25	2.57	10	< 1	0.09	10	0.53	655	< 1
T39388	201 229	< 0.2	1.15	12	370	< 0.5	< 2	0.44	0.5	14	58	17	2.35	< 10	< 1	0.06	10	0.66	520	< 1
T39389	201 229	< 0.2	1.05	14	330	< 0.5	< 2	0.44	< 0.5	14	46	17	2.50	< 10	< 1	0.06	10	0.54	485	1
T39390	201 229	< 0.2	1.09	28	280	< 0.5	< 2	0.46	< 0.5	12	41	18	2.57	< 10	< 1	0.07	10	0.59	350	1
T39391	201 229	0.4	1.44	8	490	< 0.5	< 2	0.53	0.5	12	35	41	2.90	10	< 1	0.12	20	0.57	370	2
T39392	201 229	0.8	1.10	10	650	< 0.5	< 2	1.32	4.0	11	23	53	2.44	< 10	< 1	0.13	< 10	0.35	605	1
T39393	201 229	0.6	1.39	10	570	< 0.5	< 2	1.20	1.0	13	32	40	2.69	10	< 1	0.15	10	0.56	755	3
T39394	201 229	0.2	1.03	6	410	< 0.5	< 2	0.90	0.5	13	64	27	2.15	10	< 1	0.10	10	0.71	470	1
T39395	201 229	0.4	1.01	8	520	< 0.5	< 2	1.16	0.5	9	40	30	2.08	10	< 1	0.09	10	0.48	400	1
T39396	201 229	0.4	1.25	14	880	< 0.5	< 2	1.84	0.5	12	32	47	2.41	< 10	< 1	0.14	< 10	0.52	585	1

CERTIFICATION: *Went/Bechler*



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SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T39373	201 229	0.01	70	570	6	2	2	26	0.02	< 10	< 10	49	< 10	56
T39374	201 229	0.01	63	620	8	< 2	2	22	0.01	< 10	< 10	34	< 10	72
T39376	201 229	0.01	60	950	12	2	4	77	0.01	< 10	< 10	54	< 10	110
T39377	201 229	0.02	47	380	12	2	2	57	0.01	< 10	< 10	35	< 10	98
T39378	201 229	< 0.01	42	1200	12	< 2	4	52	0.01	< 10	< 10	51	< 10	128
T39379	201 229	0.01	55	870	14	2	3	82	0.01	< 10	< 10	33	< 10	114
T39380	201 229	0.01	52	1080	12	< 2	2	114	< 0.01	< 10	< 10	30	< 10	140
T39381	201 229	0.01	50	1070	14	< 2	2	101	< 0.01	< 10	< 10	35	< 10	114
T39382	201 229	0.01	53	1010	12	2	3	61	< 0.01	< 10	< 10	48	< 10	136
T39383	201 229	0.01	175	590	20	< 2	3	20	0.02	< 10	< 10	42	< 10	68
T39384	201 229	0.01	41	950	14	< 2	2	11	0.01	< 10	< 10	55	< 10	162
T39385	201 229	0.01	36	890	8	< 2	2	25	0.01	< 10	< 10	46	< 10	94
T39386	201 229	0.01	39	640	16	< 2	2	26	< 0.01	< 10	< 10	28	< 10	126
T39387	201 229	0.01	56	690	14	2	3	35	0.01	< 10	< 10	43	< 10	108
T39388	201 229	0.01	67	390	10	< 2	2	32	0.02	< 10	< 10	40	< 10	90
T39389	201 229	< 0.01	49	470	14	< 2	3	30	0.01	< 10	< 10	34	< 10	92
T39390	201 229	< 0.01	46	780	16	2	2	32	0.01	< 10	< 10	38	< 10	118
T39391	201 229	0.01	47	1060	16	2	4	40	< 0.01	< 10	< 10	61	< 10	168
T39392	201 229	0.01	72	1230	110	< 2	3	79	< 0.01	< 10	< 10	32	< 10	396
T39393	201 229	0.01	39	1280	16	2	4	80	< 0.01	< 10	< 10	64	< 10	170
T39394	201 229	0.01	75	780	12	< 2	4	47	0.02	< 10	< 10	38	< 10	88
T39395	201 229	0.01	43	1250	12	< 2	3	69	0.01	< 10	< 10	44	< 10	118
T39396	201 229	0.01	51	1080	16	< 2	4	107	< 0.01	< 10	< 10	56	< 10	132

CERTIFICATION:

Hart Bickler

APPENDIX B
ROCK SAMPLE DESCRIPTIONS

KENNECOTT CANADA INC. ROCK SAMPLE DESCRIPTIONS

ARGUS PROPERTY; NTS: 105G/12; AUGUST 20 - SEPT. 10, 1993

Sampled by: R. Hulstein, S.Bishop, K.Owerko

SAMPLE #	LOCATION	DESCRIPTION	Width (m)	Pb ppm	Zn ppm	Ag ppm
S07501	Sanders Ck. K-1	Med. grey-white qtzite, weakly calcareous. No lamin or banding, massive, 1% lim. 3% sph	Float Grab	0.27%	3.75%	0.27 opt
S07502	Sanders Ck. K-1	Light grey-white quartzite, 3-4 mm bands, weakly calcareous. 5-8% sph, <1% gn.	Float Grab	0.56%	3.66%	0.84 opt
S07503	Sanders Ck. K-1	White Light-light grey qtzite, stratiform banding recrystallized carb., 2-3% sph, trace py.	Float Grab	0.03%	3.54%	0.09 opt
S07504	Trench C1 K-1	Min. qtzite with recrystallized carbonate. banded to massive, 15-20% sph, limonite.	Float Grab	0.32%	13.70%	0.53 opt
S07505	Trench C1 K-1	Light grey-white calcareous qtzite, 3-5% sph, tr diss gn.	Float Grab	0.01%	0.23%	0.03 opt
S07506	Sanders Ck. K-2	Dark grey-white qtzite, minor calcite veins. Banded, Sph diss. in qtzite as thin laminae on calcite contact, total 3-5%.	Float Grab	0.03%	11.10%	0.32 opt
S07507	Sanders Ck. K-2	Banded dark grey calcareous qtzite. 8-10% diss and fine grained sph.	Float Grab	40	4.55%	2.0
S07508	Sanders Ck. K-2	Banded dark grey-white calcareous qtzite. 10-15% sph, trace gn, trace py, poss Ba?	Float Grab	26	26.90%	38.6
S07509	Sanders Ck. K-2	Banded dark grey-white qtzite, orange brown weathering, 5% diss and fracture controlled sph, py as trace 1mm blebs.	Float Grab	32	3.70%	5.8

KENNECOTT CANADA INC. ROCK SAMPLE DESCRIPTIONS
 ARGUS PROPERTY; NTS: 105G/12; AUGUST 20 - SEPT. 10, 1993

Sampled by: R. Hulstein, S.Bishop, K.Owerko

SAMPLE #	LOCATION	DESCRIPTION	Width (m)	Pb ppm	Zn ppm	Ag ppm
S07510	Sanders Ck. K-2	Banded dark grey-white qtzite, minor calcite veining, brown weathering. 10% sph, trace py.	Float grab	1200	15.40%	16.0
S07511	A Zone Rd. K-5	Banded dark grey-white banded qtzite. 8-10% banded sph, trace gn.	Float Grab	1.32%	12.90%	35.6
S07512	A Zone Rd. K-5	Banded dark grey-white banded qtzite. 15% banded-massive, 1% gn, minor calcite vnsrse and fine	Float grab	2.91%	7.08%	53.0
S07513	A Zone Rd. K-5	Banded dark grey-white banded qtzite. >25 banded crse-fine grained sph, trace py, minor calcite veins, possible Ba ?	Float grab	670	20.20%	9.6
S07514	A Zone Rd. K-5	Banded dark grey-white qtzite, 10-15% banded sph, trace gn, trace diss py.	Float Grab	1.72%	7.83%	39.0
S7201	Trench B-3 STB-1	Clean white qtzite, rusty wes. some boxwork, vuggy , drusy, coated in hydrozincite.	Outcrop Grab	170	3070	0.6
S7202	Trench B-3 STB-1	Banded grey qtzite, 0.5% fine grained gn along qtz veinlets and diss, possible sph ?	Outcrop Grab	1300	1560	1.2
S7203	Trench B-3 STB-1	Grey-black phyllitic shale?, carbonaceous, rusty wea., fissile, minor wispy white qtz.	Subcrop Grab	50	708	0.4

KENNECOTT CANADA INC. ROCK SAMPLE DESCRIPTIONS

ARGUS PROPERTY; NTS: 105G/12; AUGUST 20 - SEPT. 10, 1993

Sampled by: R. Hulstein, S. Bishop, K. Owerko

SAMPLE #	LOCATION	DESCRIPTION	Width (m)	Pb ppm	Zn ppm	Ag ppm
S7204	Trench B-3 STB-1	Coarse angular float blocks of qtzite, buff wea., fine grained, cut by stkwk of qtz vnlets, poss. Ba ?, trace py.	Float Grab	176	1955	0.2
S7205	Trench B-1 STB-2	Rusty wea limestone, white qtz-carb veinlets <1.5 cm, Musc-sericite, N.V.S.	Float Grab	6	1385	<0.2
S7206	Trench B-1 STB-2	Grey limestone with rusty qtz-carb veinlets, 5% sph in wispy bands.	Float Grab	12	5.21%	1.0
S7207	Trench B-1 STB-2	Rusty limestone, trace py, poss Ba?	Float Grab	402	1.55%	0.4
S7208	Trench B-1 STB-2	Rusty altered cream yellow color limestone, poss has Ba?.	Outcrop Grab	18	6340	<0.2
S7209	Trench B-1 STB-2	Phyllitic qtzite, carbonaceous-graphitic.	Outcrop Grab	90	730	0.2
S7210	Trench B-4 STB-	Intesely rusty, boxwork pyrite in foliated qtzite.	Float Grab	<2	618	<0.2
S7211	Trench A-9 STB-3	Dark grey carbonaceous phyllite scree. Some rusty partings.	Float Grab	18	326	<0.2
S7212	Trench A-9 STB-3	Rusty colored qtzite in boulder train, Weak carbonate, possible barite?	Float Grab	32	342	<0.2
S7213	Trench A-1 STB-3	Rusty qtzite phyllite, 1% diss. fine-med. grainedcubes. Sericitized and carb. altered.	Subcrop Grab	6	206	<0.2

KENNECOTT CANADA INC. ROCK SAMPLE DESCRIPTIONS

ARGUS PROPERTY; NTS: 105G/12; AUGUST 20 - SEPT. 10, 1993

Sampled by: R. Hulstein, S.Bishop, K.Owerko

SAMPLE #	LOCATION	DESCRIPTION	Width (m)	Pb ppm	Zn ppm	Ag ppm
S7214	Trench A-1 STB-3	Mineralized qtzite horizon, banded, grey-white, 1-2 mm sph bands	0.40 m true	150	6.26%	3.0
S7215	Trench A-1 STB-3	Mineralized 'A' Zone horizon, banded qtzite, 1-2 mm sph bands.	Subcrop Grab	384	1.50%	2.0
S7216	Trench A-1 STB-3	As above, S7215.	Subcrop Grab	1240	1.42%	4.6
S7217	Trench A-2 STB-4	Rusty float in trench wall, light buff- white white colored limestone dolm. 3% wispy bands sph, <1% pyrite.	Float Grab	144	1.44%	0.4
S7218	Trench A-2 STB-4	Black-grey graphitic phyllite, scree, minor rusty partings, minor qtz.	Subcrop Grab	34	620	<0.2
S7219	Trench A-8 STB-4	Rusty brown wea mineralized qtzite. Qtzite dark grey with graphitic partings. Fine grained sph +/-gn in bands 1-2 mm wide, wispy qtz bands.	Subcrop 0.50 m	4500	1.46%	5.6
S7220	Trench A-8 STB-4	As S7219 above.	Subcrop 0.50 m	1600	4.33%	4.4
S7221	Trench A-8 STB-4	Qtzite, mineralized as S7219 & S7220 above.	Float Grab	772	11.60%	7.2
T31801	Trench B3 S.End	Mineralized tan-grey quartzite, massive, minor limonite filled vugs, 0.1% diss gn and gn on fracture.	Float Grab	2100	9030	2.2

KENNECOTT CANADA INC. ROCK SAMPLE DESCRIPTIONS

ARGUS PROPERTY; NTS: 105G/12; AUGUST 20 - SEPT. 10, 1993

Sampled by: R. Hulstein, S. Bishop, K. Owerko

SAMPLE #	LOCATION	DESCRIPTION	Width (m)	Pb ppm	Zn ppm	Ag ppm
T31802	Trench B3 N. End	Mineralized tan-grey quartzite, diss gn and possibly trace diss sph, trace diss pyrite, minor calcite fractures	Outcrop Grab	6600	4180	7.8
T31803	Trench A7 N. End	Subangular boulders of limonitic weathering interbedded-banded limestone and quartzite, minor calcite veins, 10-20% x-talline banded and blebs of sph, 0.5% diss gn.	Float Grab	1.12%	6.25%	48.6
T31804	Trench A7	Similar to T31803	Float Grab	9100	5.08%	19.4
T31805	Trench A10	Green chloritic, calcareous muscovite phyllite, unit 10?, 1% limonite specks, well foliated.	Subcrp Grab	350	1990	1.4
T31806	Trench A10	White and grey quartzite, minor banded calcite, 3% diss sph as bands in white qtzite and qtz veins. <0.1% diss gn.	Float Grab	3200	3.22%	13.6
T31807	Trench A6	Lim. weathering, weakly calcareous, white-light grey qtzite, <55 banded and diss. sph. Some sph in qtz veinlets, <1% diss gn.	Float Grab	3.00%	4.16%	78.6
T31808	Trench A6	High grade min. qtzite, <25% sph, <15% banded diss., to nearly massive sph in white and grey qtzite. Minor calcite bands.	Float Grab	1160	11.00%	14.0
T31809	Trench A5 S. End	Mineralized qtzite & lst, contorted ?, poorly banded, approx. 30% sph, 25% qtzite, 45% tan-white lst.	Float Grab	1520	16.10%	11.8
T31810	ADH-24	Mn stained light tan chlorite, sericite, phyllitic	Float	290	2370	0.8

KENNECOTT CANADA INC. ROCK SAMPLE DESCRIPTIONS

ARGUS PROPERTY; NTS: 105G/12; AUGUST 20 - SEPT. 10, 1993

Sampled by: R. Huistein, S. Bishop, K. Owerko

SAMPLE #	LOCATION	DESCRIPTION	Width (m)	Pb ppm	Zn ppm	Ag ppm
	2.0-3.0 m	quartzite, trace sph on fracture and foliation.	Grab			
T31811	Trench A5	Banded qtzite, 10% white lst-calcite bands & blebs. Bands <0.5 cm, wispy lamin, 10% brown sph in discont. x-cutting bands, no vis. gn.	Float Grab	2200	8.80%	4.4
T31812	Trench A5	Limonite weathering tan calcite-lst, poss barite ?. Minor qtz veinlets, minor musc-sericite phyllite.	Float	32	1060	0.2
T31813	Trench A4	Limonite wea. grey qtzite, 10% discont. calcite bands, 5-10% sph in bands, <2% as diss., trace gn	Float Grab	3600	7.42%	40
T31814	Trench A3	Tan-brn wea. qtzite with thin (<3 mm) calcite bands. Approx. 20% x-talline sph as bands, 2% diss gn. Same appearance as high grade float.	Float- Block 1.0 m	4.26%	7.80%	76
T31815	Trench A3	Tan and brown decomposed phyllite, 0.50 m band of lamin. ? - banded white and grey qtzite. <5% limonite, <1% diss sph.	Float Block 1.3 m	2500	2.83%	
T31816	Trench A3	Rusty-lim. wea. phyllitic qtzite, 0.35 m bed of mineralized qtzite with 10% diss. sph, tr-0.5% diss. gn.	Float- Block 1.2m	1.67%	2.05%	
T31817	Trench A3	Rusty-limonite wea. calcareous brn-tan phyllite. trace gn in X-cutting calcite veinlets.	Subcrop Grab	850	9260	
T31818	Trench 78-4	Rusty brecciated lst X-cut by calcite vnlets.	Float Grab	140	2440	0.4
T31819	Trench 78-5	Phyllitic qtzite, blue qtz clasts, sph on healed	Float	740	4840	1.8

SAMPLE #	LOCATION	DESCRIPTION	Width (m)	Pb ppm	Zn ppm	Ag ppm
T31819	Trench 78-5 on airstrip road	Phyllitic qtzite, blue qtz clasts, sph on healed fractures, tr gn, 3% interstitial lim, Mn stain.	Float Grab	740	4840	1.8
T31820	Trench 78-5	Similar to T31819, <4% limonite, no vis. sulphides.	Float Grab	28	408	0.4
T31821	Trench 78-5	Highly wea. limonite-altered iron carb. X-cut by minor qtz-veins.	Float Grab	48	1.47	0.4
T31822	Trench 78-5	Limonite wea. qtz-feldspar 'vein' material, white powder in vuggy lim. portions, tr Mn stain.	Float Grab	14	2590	<0.2
T31826	Trench 78-5	Rusty-limonitic till horizon, 0.6-0.9m deep, Clasts of tan-greenish qtz-sericite phyllite.	Float Grab	1110	982	3.8
T31827	Trench 78-5	Medium brown till horizon, 0.9-1.3m deep. Clasts of mostly lim wea. tan-greenish calcareous, chlorite phyllite, poorly foliated.	Float Grab	20	1905	<0.2
T31828	Airstrip Road 700m below Tr-78-5	Grey massive marble	Float Grab	24	86	<0.2

MAP NO:
105G/12

ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093194
MINING DISTRICT: WATSON LAKE
TYPE OF WORK: GEOCHEMISTRY & AUGER DRILLING

REPORT FILED UNDER: KENNECOTT CANADA INCORPORATED

DATE PERFORMED: 20 AUG/93-10 SEPT/93

DATE FILED: APRIL 12, 1993

LOCATION: LAT.: 61°33'

AREA: QUIET LAKE

LONG.: 131°33'

VALUE \$: 48,700

CLAIM NAME & NO.: ARGUS 1-28 (YB35082-109), ARGUS 31-37 (YB45845-851), ARGUS 39-76 (YB45853-890), ARGUS 79-81 (YB45893-895), ARGUS 89-106 (YB46289-290)

WORK DONE BY: ROGER HULSTEIN

WORK DONE FOR: YGC RESOURCES LIMITED

DATE TO GOOD STANDING:

REMARKS: SEDEX DEPOSIT, LEAD-ZINC-SILVER-BARITE. GEOCHEMICAL SOIL SAMPLING AND AUGER DRILLING OF GLACIAL TILL.

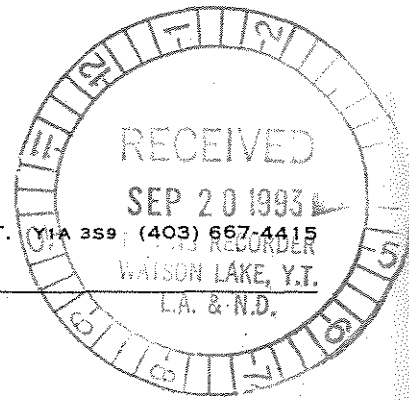
ARCHER, CATHRO

& ASSOCIATES LIMITED

CONSULTING GEOLOGICAL ENGINEERS

VANCOUVER, B.C. (604) 688-2568

BOX 4127, WHITEHORSE, Y.T. Y1A 3S9 (403) 667-4415



1016 - 510 WEST HASTINGS STREET
VANCOUVER, B.C. V6B 1L8

AFFIDAVIT

I, Joan Mariacher, of Whitehorse, Yukon make oath and say:

That to the best of my knowledge the attached Statement of Expenditures for exploration work on the Argus 1-28 & 31-106 mineral claims on Claim Sheet 105G/12 is accurate.

A handwritten signature in cursive script, appearing to read 'Joan Mariacher', written over a horizontal line.

Joan Mariacher

Sworn before me at Whitehorse, Yukon

this 16th day of

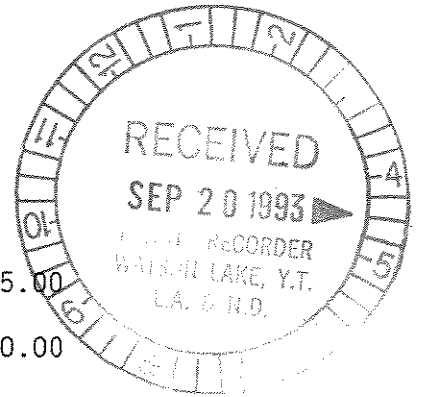
September, 1993

023194

A handwritten signature in cursive script, appearing to read 'Paul Reid', written over a horizontal line.

Notary, Yukon Territory

Statement of Expenditures
 Argus 1-28 and 31-106 Mineral Claims
September 13, 1993



Labour

K. Owerko (geologist) - August 20-September 10 - 22 days at \$217.50/day	\$ 4,785.00	
D. Munro (geologist) - August 20-25 - 6 days at \$180/day	1,080.00	
N. Coopey (field ass't) - August 25-September 10 - 17 days at \$172.50/day	2,932.50	
K. Carruthers (field ass't) - August 20-September 3 - 15 days at \$157.50/day	2,362.50	
I. Gibson (field ass't) - August 25-September 10 - 17 days at \$157.50/day	2,677.50	
I. Sevrain (cook) - August 24-September 10 - 18 days at \$195/day	<u>3,510.00</u>	\$17,347.50

Expenses

10983 Yukon Ltd. - contract auger drilling August 24- September 4 plus mob & demob	18,525.50	
Trans North Helicopters - 17.5 hours at \$585/hour plus fuel	12,281.80	
Field room & board - 95 mandays at \$60/day	<u>5,700.00</u>	<u>36,507.30</u>
		<u>\$53,854.80</u>

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project —

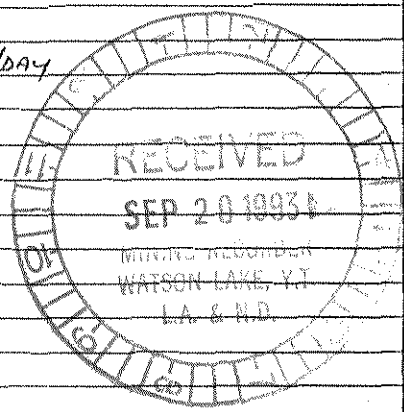
KLONDIKE PROJECT

Date —

AUGUST 31, 1993

LABOUR

Supervisory	A. ARCHER - 1 HR AT 55/HR	55.00	
Field	K. OWERKO - 23 DAYS AT 217.50/DAY	5002.50	
	D. MUNRO - 18 DAYS AT 180/DAY	3240.00	
	N. COOPEY - 7 DAYS AT 177.50/DAY	1242.50	
	K. CARRUTHERS - 22 DAYS AT 157.50/DAY	3465.00	
	I. GIBSON - 7 DAYS AT 157.50/DAY	1102.50	
	I. SEVRAIN - 10 DAYS AT 195/DAY	1950.00	
	R. CARNE - 46 HRS AT 44/HR	1932.00	
	D. EATON - 1 HR AT 42/HR	42.00	
Secretarial			
Accounting & Expediting	J. MARIACHEL - 30 HR AT 37/HR	1110.00	
	A. GELLING - 14 HR AT 38/HR	456.00	19562.50



OTHER SERVICES

Room & Board In Whitehorse	9 DAYS AT 60/DAY	540.00	
Field equipment from AC stock	925.55 + 828.39	1763.94	
Photocopies,	351 copies at 25¢/copy	87.75	
Rentals from AC	AUGUST 17-31 - 111 MANDAYS AT 10/DAY	1110.00	

Blueprinting,	sq.ft. Ozalid at	¢/ft, plus	sq.ft. Dilar at \$	/ft.	
Drafting,	hrs at \$	/hr.			3501.69

EXPENSES

Petty Cash	9.48 21 + 12.98 01 + 25.47 21	47.93	
Telephone			

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project —

KLONDIKE PROJECT

Date —

AUGUST 31, 1993

LABOUR

Supervisory

A. ARCHER - 1 HR AT 55/HR

55.00

Field

K. OWERKO - 23 DAYS AT 217.50/DAY

5007.50

D. MUNRO - 18 DAYS AT 180/DAY

3240.00

N. COOPEY - 7 DAYS AT 177.50/DAY

1242.50

K. CARRUTHERS - 22 DAYS AT 157.50/DAY

3465.00

I. GIBSON - 7 DAYS AT 157.50/DAY

1102.50

I. SEVRAN - 10 DAYS AT 195/DAY

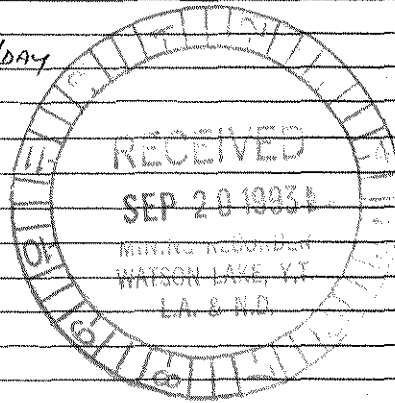
1950.00

R. CARNE - 46 HRS AT 42/HR

1932.00

D. EATON - 1 HR AT 42/HR

42.00



Secretarial

Accounting & Expediting

J. MARIACHEL - 30 HR AT 37/HR

1110.00

A. GELLIN - 12 HR AT 38/HR

456.00

19562.50

OTHER SERVICES

Room & Board In Whitehorse 9 DAYS AT 60/DAY

540.00

Field equipment from AC stock 935.55 + 828.39

1763.94

Photocopies, 351 copies at 25¢/copy

87.75

Rentals from AC AUGUST 17-31 - 111 MANDAYS AT 10/DAY

1110.00

Blueprinting, sq.ft. Ozalid at \$/ft, plus sq.ft. Dilar at \$ /ft.
Drafting, hrs at \$ /hr.

3501.69

EXPENSES

Petty Cash 9.48 DI + 14.98 BI + 23.47 PY

47.93

Telephone

MANAGEMENT 6% - ON EXPENSES ABOVE

2.88

- ON FIELD AC (CQS 119-131 XCENTIVY - 18146.06)

1088.76

1091.64

34203.76

GST (R100247667) 7% ON 24203.76

1694.26

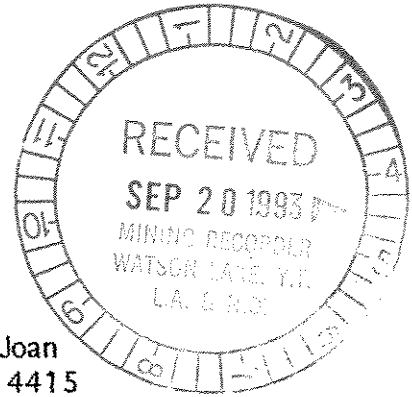
E = GST Exempt

25898.02

10983 Yukon Ltd.,
P.O. Box 4866,
Whitehorse, Yukon.
Y1A 4N6
(403) 668-1076

Billing to : Archer Cathro & Associates Ltd.,
P.O. Box 4127, Whitehorse,
Yukon.
Y1A 4N6

Attention: Joan
(403) 667 4415



Invoice AC01 September 5, 1993.

Description	Units	Quantity	Rate /Unit	Total
CME 75 Auger Drill (August 24-Sept 4)	Hours	129.5	\$125.00	\$16,187.50
Mobilization/Demobilization	Miles	646	\$3.00	\$1,938.00
Tooling 1 bit 1 auger	DHT	1	\$400.00	\$400.00
Total Service Charges				\$18,525.50
GST (135686236)				\$1,296.79
Total Billing				\$19,822.29

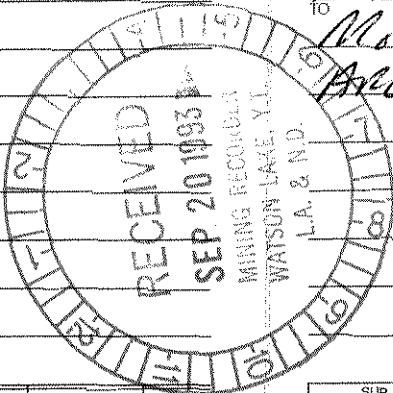
Note : Mob/Demob McCrae Industrial area - Mink Creek return

ACCOUNT NUMBER ARCHCAT
 INVOICE NUMBER 02999
 INVOICE DATE 31/08/93
 A/C TYPE 2063 BTNS
 AIRCRAFT REGISTRATION C
 FLIGHT DATE 240893
 PURCHASE ORDER NO.

Archer & Catro & Co.
 CHARTERER
 P.O. Box 4127
 BILLING ADDRESS
 Whitehorse, Y.T. Y1A 3S9
 FUEL & OIL - X TINTA FUEL USED 1.3 MRS. METRES FROM 1.3 NR

FROM *ML*
 TO Arcus - Peace Lake 1.3
 Road - Ross River

HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
1.3	



SUB	GL	AMOUNT
1609502	76050	1.3 x @ 585 ⁰⁰ 760 50
1600131	10952	@
0000323	6090	FUEL 148L @ .74 / LITRE 109 52

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. INTEREST IS NOT PAID. FUTURE FLIGHTS WILL BE ON A CASH BASIS.

INITIALS *SDW* PILOTS SIGNATURE
 ENGINEER'S NAME *DPH H. L. ASHWIN*

SUB	GL	AMOUNT
1609502	351000	6.0 x @ 585 ⁰⁰ 3510 00
1600131	52212	@
0000323	28225	FUEL 456L @ .74 / LITRE 337 44

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. INTEREST IS NOT PAID. FUTURE FLIGHTS WILL BE ON A CASH BASIS.

INITIALS *SDW* PILOTS SIGNATURE
 ENGINEER'S NAME *DPH H. L. ASHWIN*

TOTAL \$ 930 92

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT

ACCOUNT NUMBER ARCHCAT
 INVOICE NUMBER 02994
 INVOICE DATE 31/08/93
 A/C TYPE 2063 BTNS
 AIRCRAFT REGISTRATION C
 FLIGHT DATE 200893
 PURCHASE ORDER NO.

Archer & Catro **KP**
 CHARTERER
 P.O. Box 4127
 BILLING ADDRESS
 Whitehorse, Y.T. Y1A 3S9
 FUEL & OIL - X TINTA FUEL USED 2.0 - Ross Bulk 2.0 - Ross Drum

FROM *Ross*
 TO *Mine Camp to Arcus Cairns*

HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
6.0	Ross H. H. STEIN. Kelly OWERKO

SUB	GL	AMOUNT
1609502	351000	6.0 x @ 585 ⁰⁰ 3510 00
1600131	52212	@
0000323	28225	FUEL 456L @ .74 / LITRE 337 44

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. INTEREST IS NOT PAID. FUTURE FLIGHTS WILL BE ON A CASH BASIS.

INITIALS *SDW* PILOTS SIGNATURE
 ENGINEER'S NAME *DPH H. L. ASHWIN*

SUB	GL	AMOUNT
1609502	403212	6.0 x @ 585 ⁰⁰ 3510 00
1600131	52212	@
0000323	28225	FUEL 228L @ .81 / LITRE 184 68

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. INTEREST IS NOT PAID. FUTURE FLIGHTS WILL BE ON A CASH BASIS.

INITIALS *SDW* PILOTS SIGNATURE
 ENGINEER'S NAME *DPH H. L. ASHWIN*

TOTAL \$ 4314 37

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT

ACCOUNT NUMBER ARCHCAT
 INVOICE NUMBER 03026
 INVOICE DATE 31/08/93
 AREA BC YUKON NWT ALTA
 A/C TYPE AIRCRAFT REGISTRATION C
 2063 @TNS
 FLIGHT DATE 260893
 PURCHASE ORDER NO.

CHARTERER Archer Carno & Assoc
 P.O. Box 4127
 BILLING ADDRESS Whitehorse, Y.T. Y1A 3S9
 FUEL & OIL TNSA FUEL USED TNSA FUEL COST LITRES FROM
 J.F. 0.9 MR

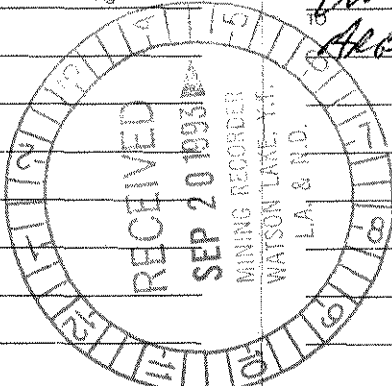
ACCOUNT NUMBER ARCHCAT
 INVOICE NUMBER 03000
 INVOICE DATE 31/08/93
 AREA BC YUKON NWT ALTA
 A/C TYPE AIRCRAFT REGISTRATION C
 2063 @TNS
 FLIGHT DATE 250893
 PURCHASE ORDER NO.

CHARTERER Archer Carno
 P.O. Box 4127
 BILLING ADDRESS Whitehorse, Y.T. Y1A 3S9
 FUEL & OIL TNSA FUEL USED TNSA FUEL COST LITRES FROM
 J.F. 0.9 MR

FROM MR
 TO Arcus Plover Camp 0.7

HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
0.7	R. Carno + 3 Pax

FROM MR
 TO Arcus Camp 0.9



SUB	GL	AMOUNT
1609502		526.50
1600131		76.22
0000323		42.19
TERMS: PAYABLE UPON RECEIPT OF INVOICE. 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.		
X <i>[Signature]</i> CHARTERER'S SIGNATURE		
INITIALS <i>[Signature]</i> CHARTERER'S NAME (PRINTED)		
INITIALS <i>[Signature]</i> PILOTS SIGNATURE		
ENGINEER'S NAME		
SUB TOTAL		602.72
GOODS & SERVICES TAX		42.19
REGISTRATION NO. R121483135		
TOTAL		\$ 644.91

SUB	GL	AMOUNT
1609502		526.50
1600131		76.22
0000323		42.19
TERMS: PAYABLE UPON RECEIPT OF INVOICE. 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.		
X <i>[Signature]</i> CHARTERER'S SIGNATURE		
INITIALS <i>[Signature]</i> CHARTERER'S NAME (PRINTED)		
INITIALS <i>[Signature]</i> PILOTS SIGNATURE		
ENGINEER'S NAME		
SUB TOTAL		602.72
GOODS & SERVICES TAX		42.19
REGISTRATION NO. R121483135		
TOTAL		\$ 644.91

SUB	GL	AMOUNT
1609502		526.50
1600131		76.22
0000323		42.19
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INITIALS <i>[Signature]</i> CHARTERER'S NAME (PRINTED)		
INITIALS <i>[Signature]</i> PILOTS SIGNATURE		
ENGINEER'S NAME		
SUB TOTAL		602.72
GOODS & SERVICES TAX		42.19
REGISTRATION NO. R121483135		
TOTAL		\$ 644.91

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

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CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
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Archer Catano

CHARTERER

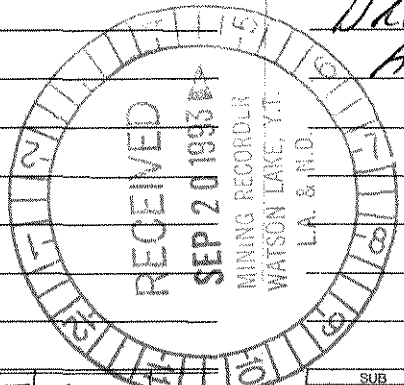
Box 4127
 BILLING ADDRESS

Whitehorse, YT Y1A 3S9

FUEL & OIL - X TINTA FUEL USED TINTA CUST. LITRES FROM
J.P. 0.9 ML

ACCOUNT NUMBER ARCHCAT
 INVOICE NUMBER 03032
 INVOICE DATE 14/09/93
 AREA BC YUKON NWT ALTA
 A/C TYPE 2063 Q725 AIRCRAFT REGISTRATION C
 FLIGHT DATE 030993 DAY MONTH YEAR
 PURCHASE ORDER NO.

FROM	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
<i>ML</i>		
TO <i>Argus Ross</i>	0.5 0.4	



SUB	GL	AMOUNT
1609502		526.50
1600131		76.22
0000323		42.19
HOLDING TIME: @ / HR.		
FUEL 103	@ .74 / LITRE	76.22
FUEL	@ / LITRE	
MEALS & LODGINGS		
OTHER		
OTHER		
SUB TOTAL		602.72
GOODS & SERVICES TAX REGISTRATION NO. R121483135		42.19
TOTAL		\$ 644.91

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.
 X. *[Signature]* CHARTERER'S SIGNATURE
 INITIALS *[Signature]* PILOT'S SIGNATURE
 ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.
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Archer Catano

CHARTERER

Box 4127
 BILLING ADDRESS

Whitehorse, YT Y1A 3S9

FUEL & OIL - X TINTA FUEL USED TINTA CUST. LITRES FROM
J.P. 0.8 ML

ACCOUNT NUMBER ARCHCAT
 INVOICE NUMBER 03028
 INVOICE DATE 14/09/93
 AREA BC YUKON NWT ALTA
 A/C TYPE 2063 Q725 AIRCRAFT REGISTRATION C
 FLIGHT DATE 230893 DAY MONTH YEAR
 PURCHASE ORDER NO.

FROM	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
<i>ML</i>		
TO <i>Drop BRG. TO Argus</i>	0.8	

SUB	GL	AMOUNT
1609502		468.00
1600131		67.34
0000323		37.47
HOLDING TIME: @ / HR.		
FUEL 91	@ .74 / LITRE	67.34
FUEL	@ / LITRE	
MEALS & LODGINGS		
OTHER		
OTHER		
SUB TOTAL		535.34
GOODS & SERVICES TAX REGISTRATION NO. R121483135		37.47
TOTAL		\$ 572.81

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.
 X. *[Signature]* CHARTERER'S SIGNATURE
 INITIALS *[Signature]* PILOT'S SIGNATURE
 ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.
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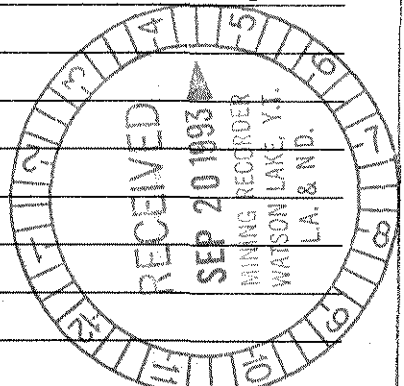


TRANS NORTH AIR
 TRANS NORTH TURBO AIR LTD.
 AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
 TELEPHONE (403) 688-2177 • FAX (403) 688-3420

ACCOUNT NUMBER ARCHCAT
 INVOICE NUMBER 03038
 INVOICE DATE 14 09 93
 AREA BC YUKON NWT ALTA
 A/C TYPE 206B AIRCRAFT REGISTRATION C RENS
 FLIGHT DATE 06 09 93
 PURCHASE ORDER NO.

ARCHER CATARO
 CHARTERER
 P.O. Box 4127
 BILLING ADDRESS
 Whitehorse, Y.T. Y1A 3S9
 FUEL & OIL X TINTA FUEL USED LITRES FROM
 TINTA CUST. J.P. 1.8 MR

FROM	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
ML		
Diesel in P/U		
ERIC FINLAYSON	0.9	
2 Max & Gear INTO		
ARCUS LOCK	0.9	



SUB	GL	AMOUNT
1609502		105300
1600131		15170
0000323		8433
TERMS: PAYABLE UPON RECEIPT OF INVOICE. 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTERESTS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.		
FUEL	1.8 hr @ 585 ⁰⁰	1053 00
FUEL	205L @ .74 / LITRE	151 70
MEALS & LODGINGS		
OTHER		
OTHER		
SUB TOTAL		1204 70
GOODS & SERVICES TAX REGISTRATION NO. R121483135		84 33
TOTAL \$ 1289 03		

X *[Signature]*
 CHARTERER'S SIGNATURE
 CHARTERER'S NAME (PRINTED)
 INITIALS JCU
 PILOT'S SIGNATURE
 ENGINEER'S NAME

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 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.
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 TRANS NORTH TURBO AIR LTD.
 AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
 TELEPHONE (403) 688-2177 • FAX (403) 688-3420

ACCOUNT NUMBER ARCHCAT
 INVOICE NUMBER 03037
 INVOICE DATE 14 09 93
 AREA BC YUKON NWT ALTA
 A/C TYPE 206B AIRCRAFT REGISTRATION C RENS
 FLIGHT DATE 05 09 93
 PURCHASE ORDER NO.

ARCHER CATARO
 CHARTERER
 P.O. Box 4127
 BILLING ADDRESS
 Whitehorse, Y.T. Y1A 3S9
 FUEL & OIL X TINTA FUEL USED LITRES FROM
 TINTA CUST. J.P. 1.5 MR

FROM	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
ML		
Eric Finlayson	1.5	
ERIC FINLAYSON IN		
TO ARCUS LOCK		
VELTS - PENCE		
ROAD - PASS		

SUB	GL	AMOUNT
1609502		87750
1600131		12654
0000323		7028
TERMS: PAYABLE UPON RECEIPT OF INVOICE. 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTERESTS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.		
FUEL	1.5 hr @ 585 ⁰⁰	877 50
FUEL	171L @ .74 / LITRE	126 54
MEALS & LODGINGS		
OTHER		
OTHER		
SUB TOTAL		1004 04
GOODS & SERVICES TAX REGISTRATION NO. R121483135		70 28
TOTAL \$ 1074 32		

X *[Signature]*
 CHARTERER'S SIGNATURE
 CHARTERER'S NAME (PRINTED)
 INITIALS SAU
 PILOT'S SIGNATURE
 ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.
THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT



REMIT PAYMENT TO:
TRANS NORTH AIR
 TRANS NORTH TURBO AIR LTD.
 AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
 TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER	ARCHCAT		
INVOICE NUMBER	03042		
INVOICE DATE	14	09	93
A/C TYPE	2063 BTNS		
FLIGHT DATE	10	09	93
PURCHASE ORDER NO.			

CHARTERER Archer Catrow

BILLING ADDRESS P.O. Box 4127
Whitehorse, Y.T. Y1A 3S9

FUEL & OIL-X TINTA FUEL USED TINTA COST. J.P. 2.2 MR. BOK
2.0 MR. DAVUM

FROM	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
<u>MR</u>		
<u>TO</u>		
<u>Mane Angus Camp 4.2</u>		
<u>DEMOR</u>		

SUB	GL	AMOUNT			
<u>1609</u>	<u>502</u>	<u>2457.00</u>	<u>4.2</u>	<u>@ 585⁰⁰</u>	<u>2457.00</u>
<u>1600</u>	<u>131</u>	<u>370.42</u>		<u>@</u>	
<u>0000</u>	<u>323</u>	<u>197.92</u>			

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X [Signature] CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS J.P. PILOT'S SIGNATURE

ENGINEER'S NAME

HOLDING TIME:	@	/ HR.	
FUEL	<u>251 L</u>	@ .74 / LITRE	<u>185.74</u>
FUEL	<u>228 L</u>	@ .81 / LITRE	<u>184.68</u>
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL			<u>2827.42</u>
GOODS & SERVICES TAX			<u>197.92</u>
REGISTRATION NO. R121483135			
TOTAL	\$	3025.34	

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.
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364,300m E 364,400m E 364,500m E 364,600m E 364,700m E 364,800m E 364,900m E 365,000m E 365,100m E

6 826,400m N

6 826,300m N

6 826,200m N

6 826,100m N

6 826,000m N

6 825,900m N

6 825,800m N



- PALEOZOIC (POSSIBLY DEVONIAN)
- 11 overburden; glacial till and soil
 - 10 phyllite; shaly, calcareous, laminated carbonaceous
 - 9 phyllite; noncarbonaceous
 - 8 limestone; dark-medium grey, laminated-thick bedded, pyritic
 - 7 dolomite; green, chloritic
 - 6 "A" Zone; mineralized quartzite; interlaminated quartzite and shaly carbonaceous material, calcareous, banded sphalerite, galena with recrystallized carbonate, disseminated pyrite
 - 5 quartzite; light grey, clean
 - 4 phyllitic quartzite; interlaminated quartzite and muscovite and/or chlorite
 - 3 carbonate, chlorite phyllite; minor magnetite and hematite, less than 25% quartz
 - 2 chlorite wacke; occasional beds of clean quartzite
 - 1 calcareous phyllitic quartz grit; partings of sericite and chlorite

- DDH-A2 completed diamond drill hole
- 3ADH-68 auger hole
- ⊕ mineralized float
- ⊕ float or grab sample
- × rock chip, continuous or semi-continuous
- ↘ bedding, strike and dip
- △ trench mapping grid marker
- mar marposite

scale: 1:1000
metres

DWG 453
Kennecott Canada Inc.
Vancouver

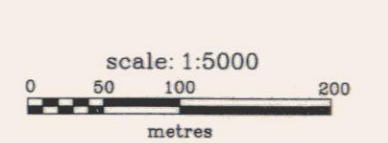
ROSS RIVER
ARGUS PROPERTY 'A' ZONE
GEOLOGY & GEOCHEMISTRY
YUKON, CANADA

NTS: 1056/12 Projection: UTM(NAD27) Drawn by: BJM
Date: 9/3/94 Author: RWH
File: ROSAZONE Scale: 1:1000 Figure 5

03194



- ROCK SAMPLE LOCATION
- STREAM SILT SAMPLE LOCATION
- SOIL SAMPLE LOCATION

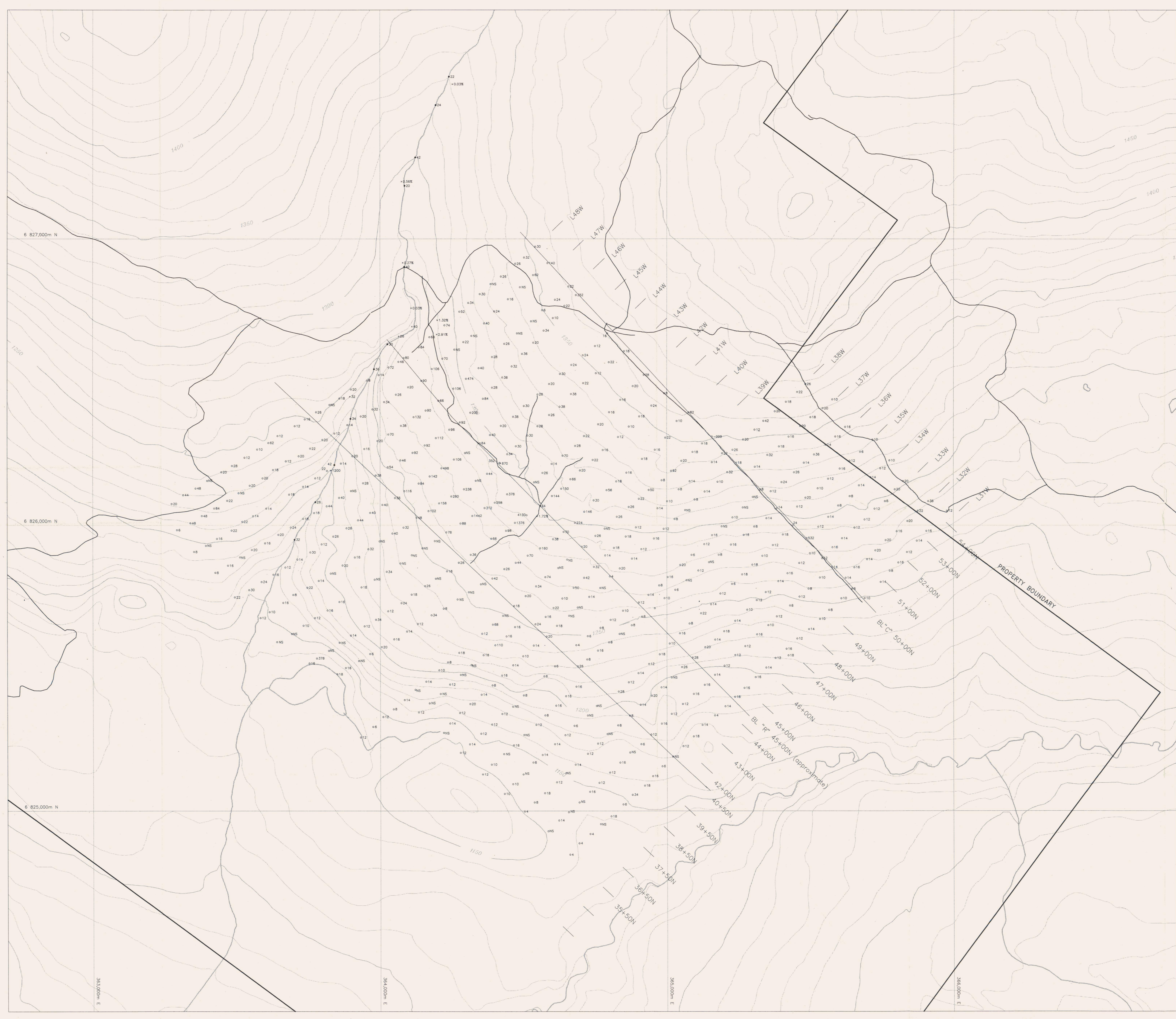


DWG 454

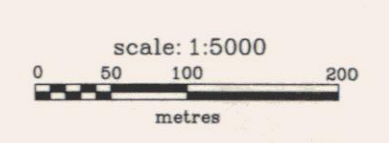
Kennecott Canada Inc.
Vancouver

**ROSS RIVER
ARGUS PROPERTY
SAMPLE LOCATIONS
YUKON, CANADA**

NTS: 1056/12	Projection: UTM(NAD27)	Drawn by: MJD
Date: 5/4/94	Author: RWH	Figure 6
File: ROSSAMP	Scale: 1:5000	



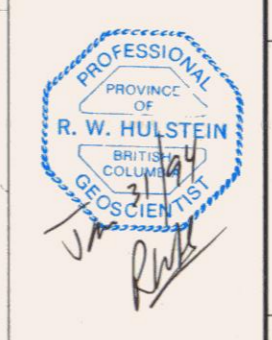
- ROCK SAMPLE LOCATION
- STREAM SILT SAMPLE LOCATION
- SOIL SAMPLE LOCATION



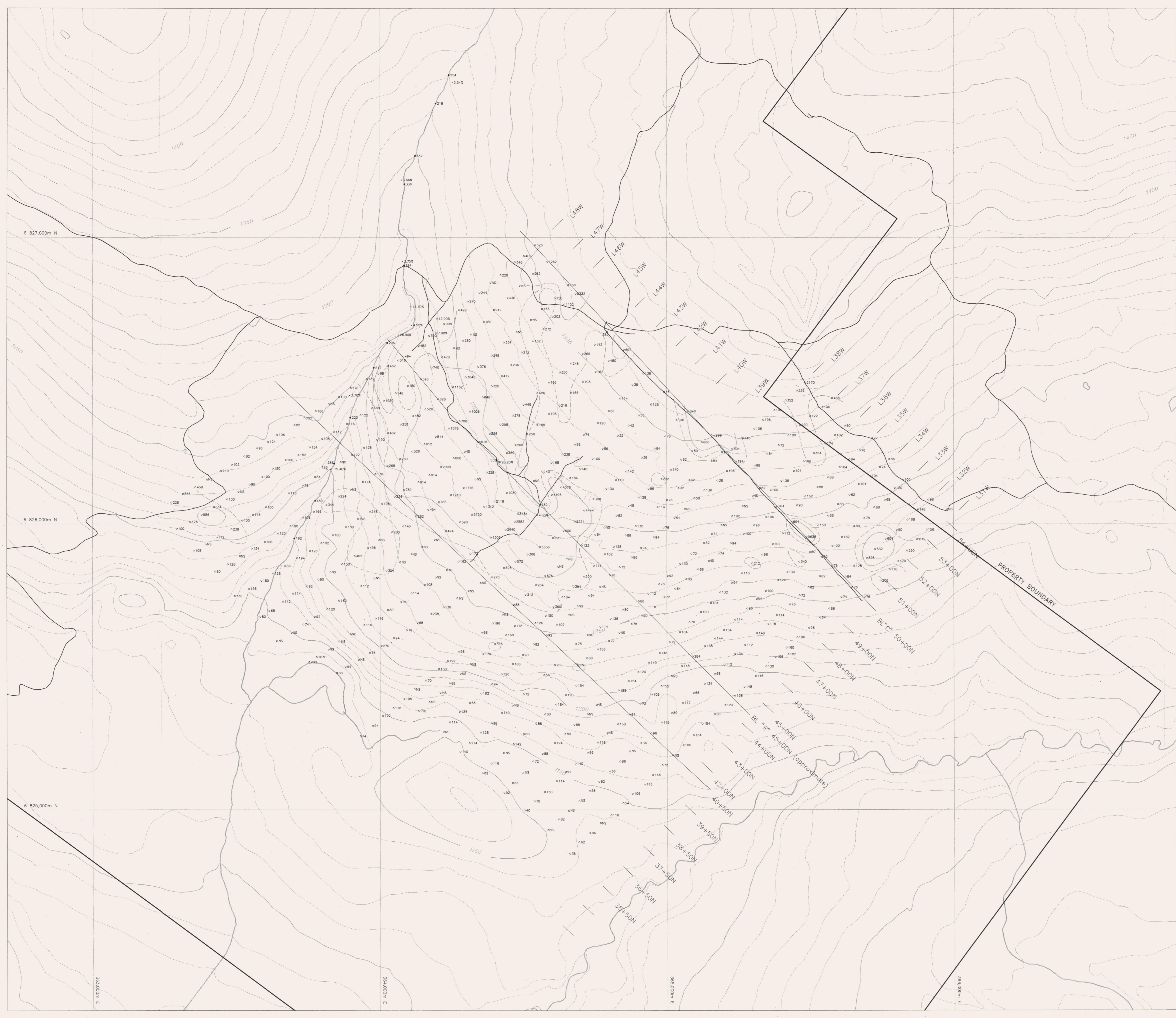
DWG 455

Kennecott Canada Inc.
Vancouver

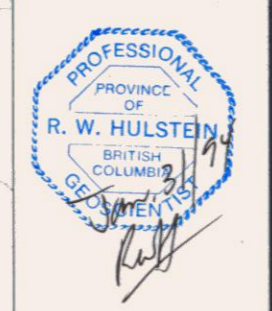
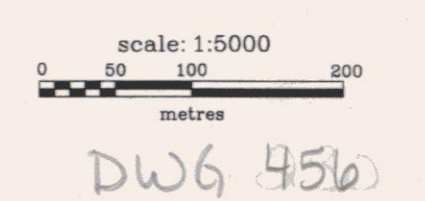
**ROSS RIVER
ARGUS PROPERTY
LEAD(ppm) GEOCHEMISTRY
YUKON, CANADA**



NTS: 1:500/1:2	Projection: UTM(NAD27)	Drawn by: MJD
Date: 5/4/94	Author: RWH	Scale: 1:5000
File: ROSSAMP-PR		Figure 7



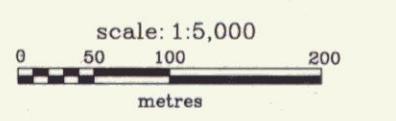
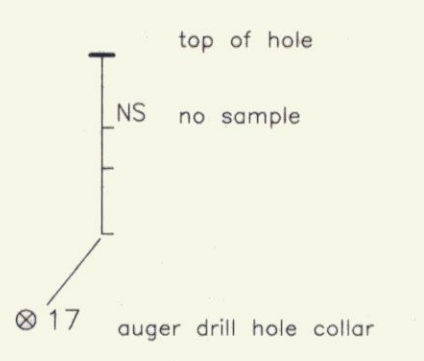
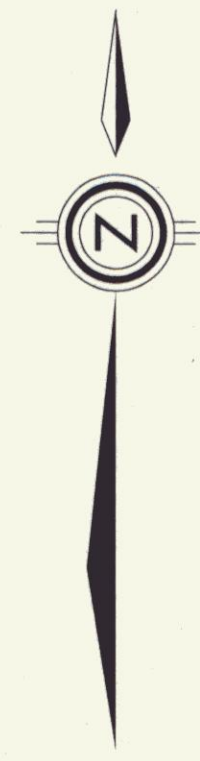
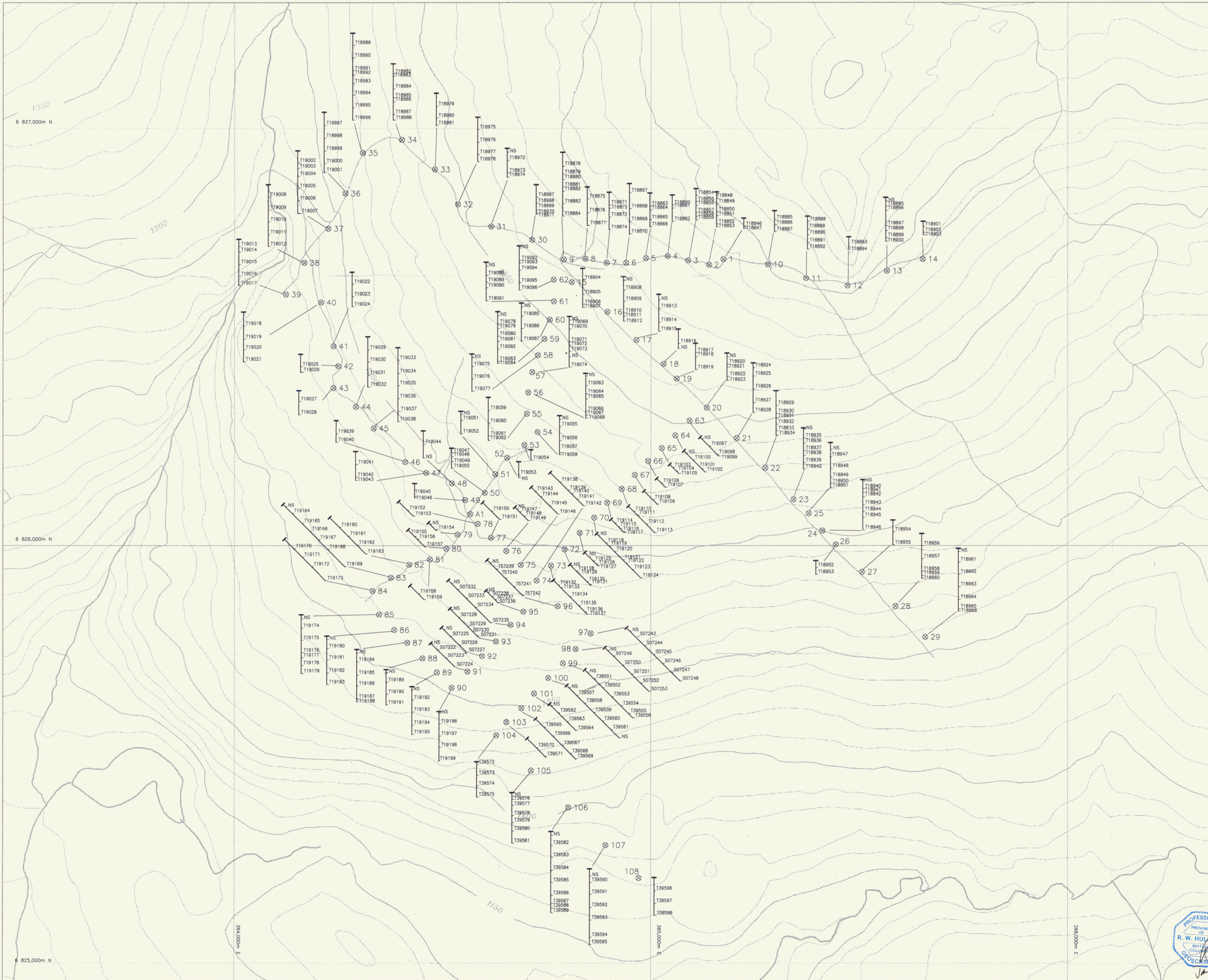
- >200ppm ZINC IN SOILS
- >500ppm ZINC IN SOILS
- ROCK SAMPLE LOCATION
- STREAM SILT SAMPLE LOCATION
- SOIL SAMPLE LOCATION



Kennecott Canada Inc.
Vancouver

**ROSS RIVER
ARGUS PROPERTY
ZINC(ppm) GEOCHEMISTRY
YUKON, CANADA**

NTS: 1050/12	Projection: UTM(NAD27)	Drawn by: MJD
Date: 5/4/24	Author: RWH	Scale: 1:5000
File: ROSSAMP-ZN		Figure 8



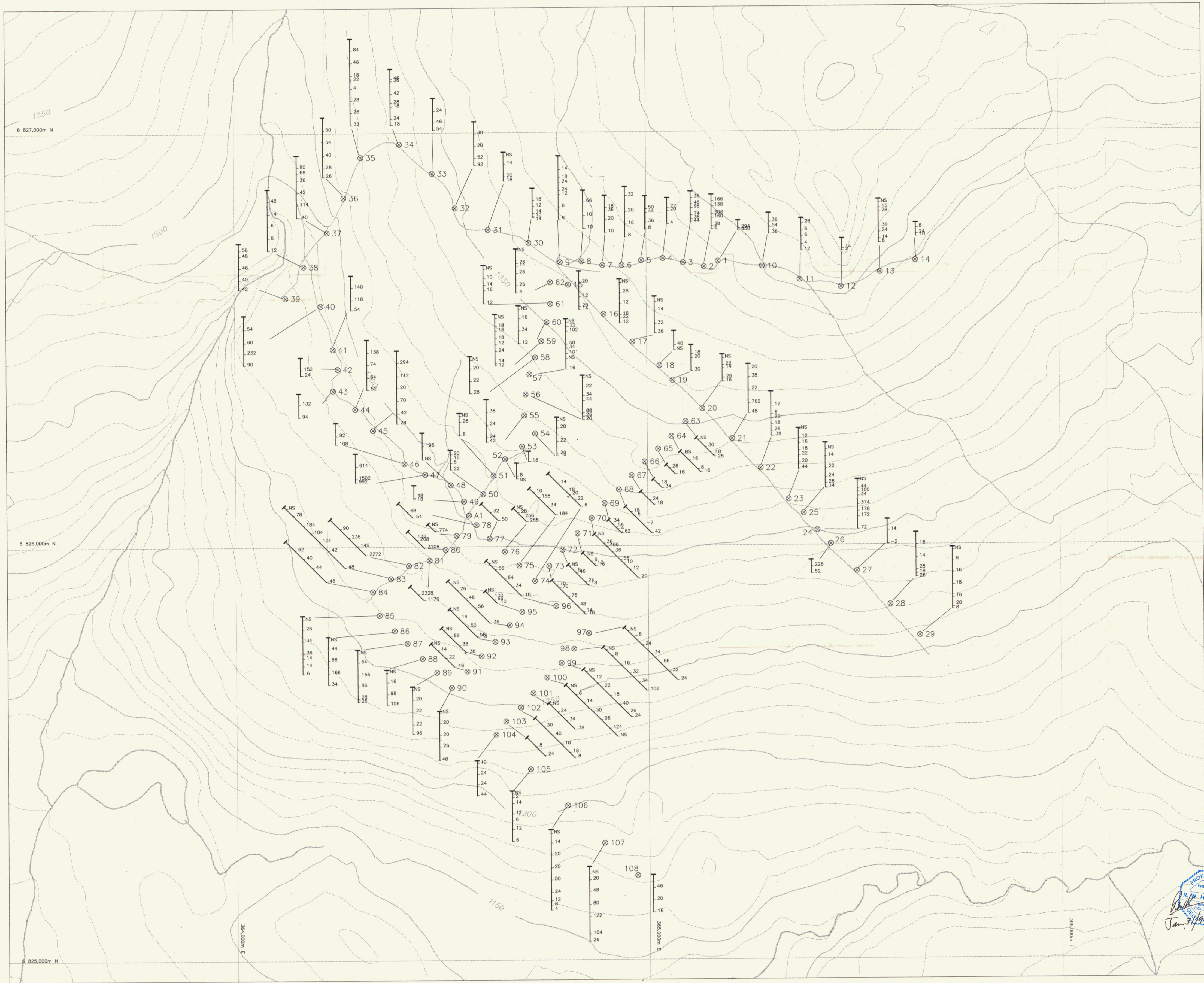
DWG 457

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 Vancouver

**ROSS RIVER
 ARGUS PROPERTY-AUGER HOLES
 SAMPLE INTERVALS
 YUKON, CANADA**

NTS: 105G/12	Projection: UTM(NAD27)	Drawn by: MJD
Date: 6/4/94	Author: RWH	Figure 9
File: ARG-DH	Scale: 1:5000	





top of hole
 NS no sample
 17 auger drill hole collar

scale: 1:5,000
 0 50 100 200
 metres

DWG 458

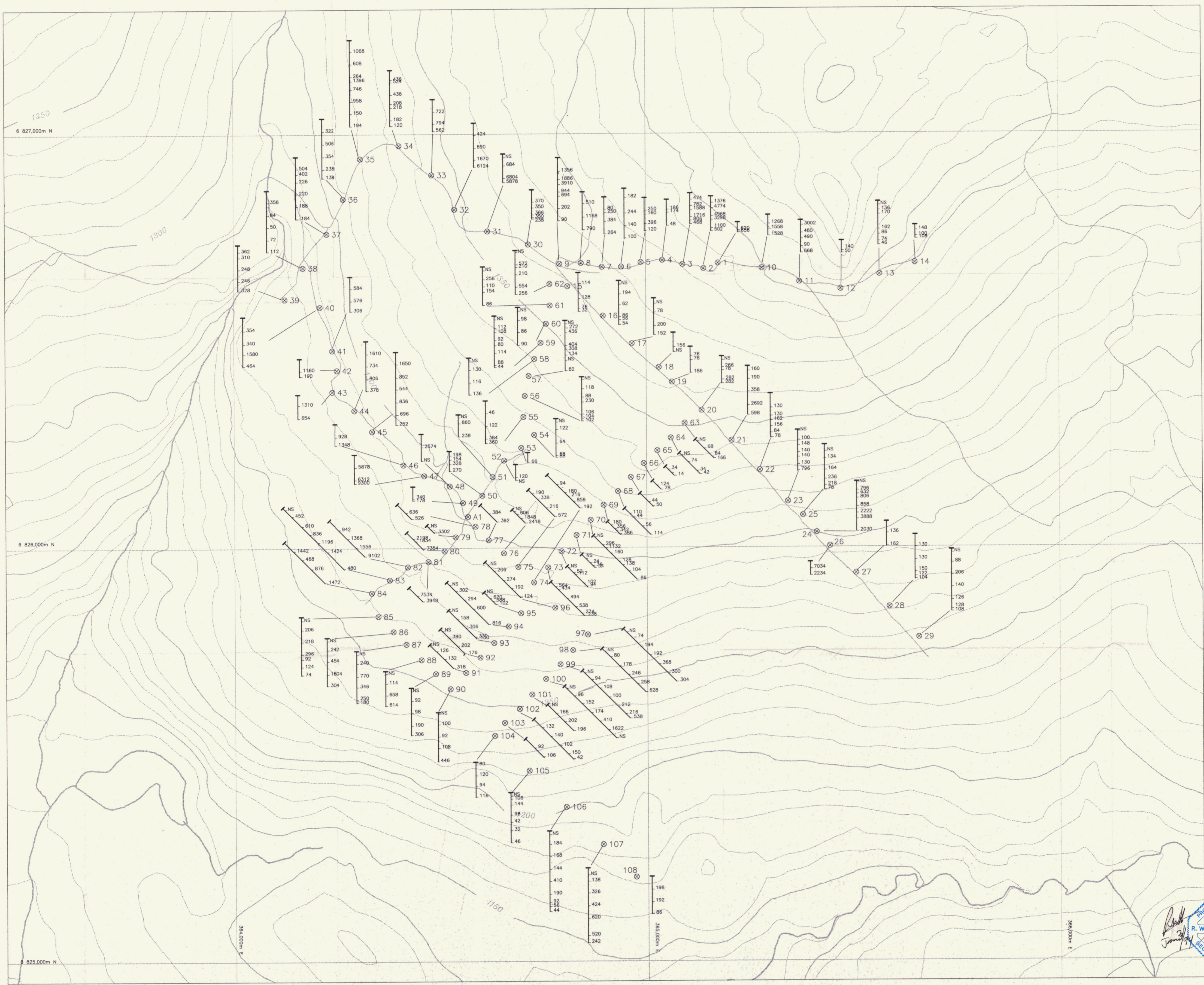
Kennecott Canada Inc.
 Vancouver

**ROSS RIVER
 ARGUS PROPERTY-AUGER HOLES
 LEAD(ppm) GEOCHEMISTRY
 YUKON, CANADA**

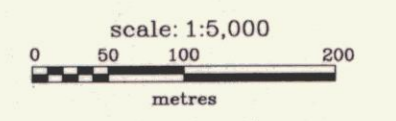
NTS: 105G/12 Projection: UTM(NAD27) Drawn by: MJD
 Date: 6/4/94 Author: RWH
 File: ARG-DH-PB Scale: 1:5000

Figure 10

0331 4



top of hole
 NS no sample
 ⊗ 17 auger drill hole collar



DWG 459

Kennecott Canada Inc.
 Vancouver

**ROSS RIVER
 ARGUS PROPERTY-AUGER HOLES
 ZINC(ppm) GEOCHEMISTRY
 YUKON, CANADA**

NTS: 105G/12 Projection: UTM(NAD27) Drawn by: MJD
 Date: 6/4/94 Author: RWH
 File: ARG-DH-ZN Scale: 1:5000 Figure 11

093134