

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

Joli 1-126 (YB22161-286)

MAYO MINING DISTRICT, YUKON TERRITORY

NTS MAPSHEET 106C/13

LATITUDE 64° 48'N
LONGITUDE 133° 54'W

Work Conducted: July 2,5,9-15 & August 4, 1993

OWNER:

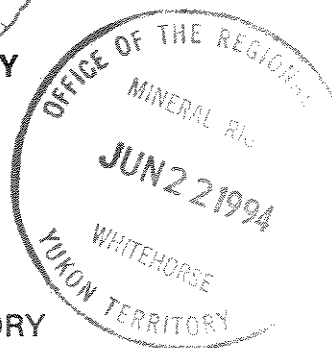
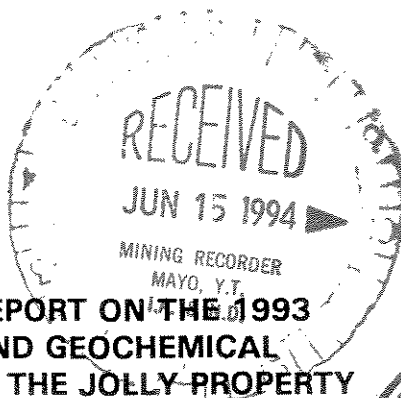
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Vancouver, B.C.
V6C 1L8

OPERATOR:

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354-200 Granville St.
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Prepared By: Roger Hulstein

March 25, 1994



063193

SUMMARY

The Jolly property is located in the Mayo Mining District of Yukon Territory. The property consists of 126 contiguous mineral claims owned 100% by Archer, Cathro and Associates (1981) Limited and formerly under option to Kennecott Canada Inc. It is accessible by helicopter based in Mayo 160km to the southwest.

The property became an attractive base metal exploration target when the geological similarities between it and other Middle Proterozoic sedimentary exhalative deposits were recognized.

The 1993 program consisted of geological mapping and geochemical sampling over selected portions of the property. Previous workers identified a number of lead-zinc-silver occurrences and geochemically anomalous areas.

Underlain by Middle Proterozoic carbonates and shales of the Gillespie Lake Group, part of the Wernecke Supergroup, six phases of deformation have been mapped in the area. The overall trend of units on the property is northwest with gentle to moderate north dips. Faults are generally steep and have significant but unknown amounts of displacement.

Mineralization identified on the property consists of stratabound and fault controlled vein type mineralization. Stratabound mineralization, located near the junctions of Red Dog and Dry Creeks, consists of sphalerite in a unit of cherty-silty dolomite. A grab sample of this material returned 10.5% zinc. Fault controlled vein type mineralization consists of galena and sphalerite in a gangue of quartz, calcite and pyrite. Due to weathering these veins are often capped by prominent limonitic gossans. Samples of gossanous vein type mineralization returned up to 14.90% zinc, 2.89% lead and 66.4 gpt silver.

Most stream sediment samples that returned highly anomalous lead-zinc values can be attributed to the known gossans underlain by vein type mineralization.

Soil geochemistry outlined a 1km by 2km area on the west side of the grid anomalous in lead and zinc, generally greater than 251 ppm and 601 ppm respectively. This anomaly is open to the south and west. Although most of this anomaly can be attributed to known structurally controlled mineralization, the west side of the anomaly remains unexplained. Two smaller unexplained lead and zinc soil anomalies were located on the north side of Joli Creek.

Based on these results, a program of geological mapping and geochemical sampling is warranted. However, due to uncertainties generated by the nomination of the Bonnet Plume River as a Canadian Heritage River System, no further work is recommended at this time.

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1.0 INTRODUCTION

This report summarizes geological fieldwork carried out in 1993 and fulfills assessment requirements. The objective of the 1993 program was to evaluate the Jolly property's potential to host massive sulphide deposit(s). The first mineral claims were staked in 1981 by Archer, Cathro & Associates (1981) Limited on behalf of the Wernecke Joint Venture (Chevron Canada Limited and Aquitaine Company of Canada) to cover several small lead-zinc-silver-copper occurrences. Previous work consisted of geological mapping, geochemical rock and soil sampling and hand trenching. The property was restaked in 1993 and currently consists of 126 claims referred to as the "Jolly property". The property formed part of the Wernecke exploration and property acquisition agreement with Archer, Cathro and Associates (1981) which was terminated in December 1993.

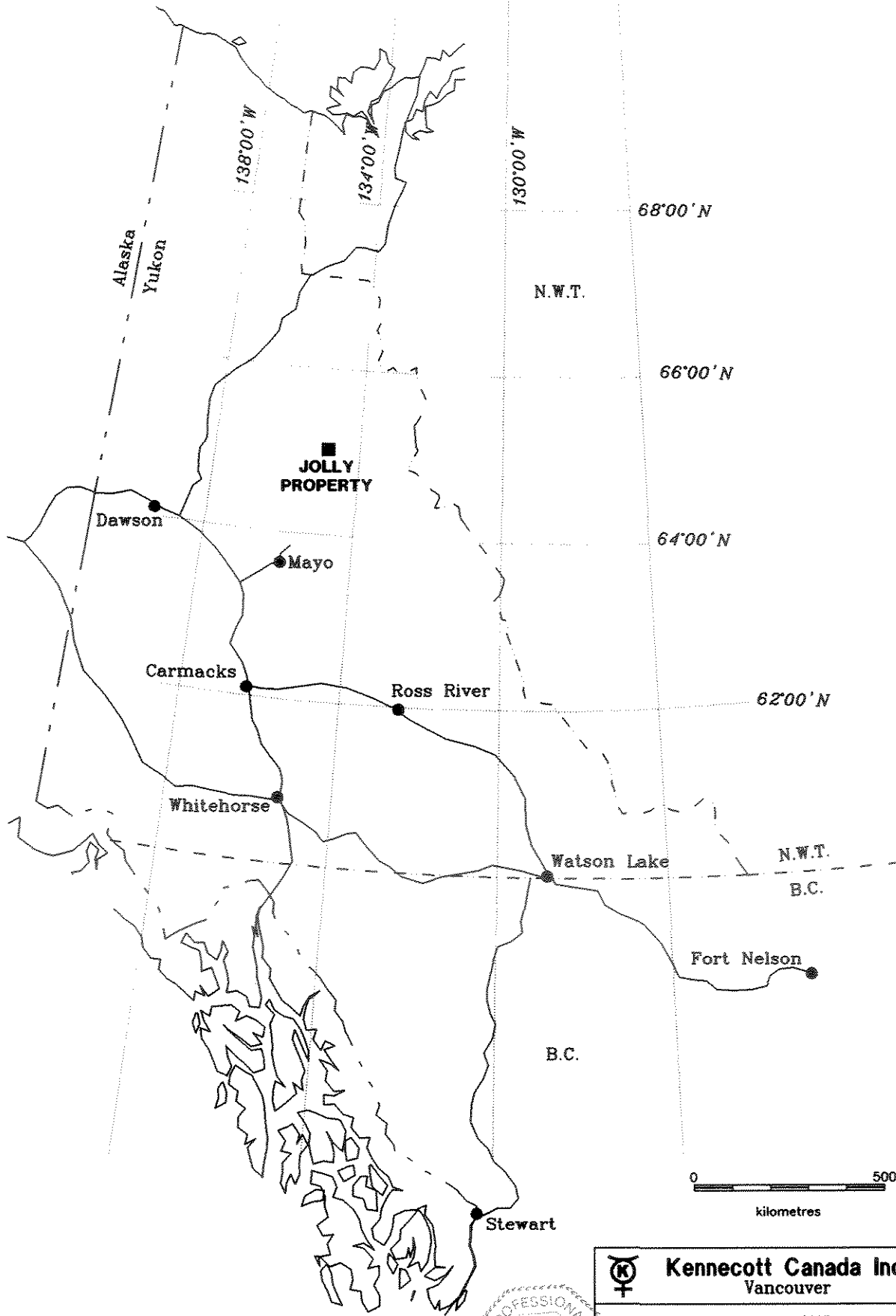
Fieldwork in 1993 consisted of geological mapping, soil geochemistry surveys and rock sampling. Fieldwork was carried out by geologist K. Owerko and field assistants K. Carruthers, D. Munro, and A. Gaber of Archer, Cathro & Associates (1981) Limited; and geologist R. Hulstein of Kennecott Canada Inc. Most of the geological mapping was carried out by geological consultant Dr. J. Payne. Project supervisor was R.C. Carne of Archer, Cathro & Associates (1981) Limited

The Bonnet Plume River, located 10 km to the east of the Jolly property, and its drainage basin has been nominated as a 'Heritage River' under the Canadian Heritage River System (CHRS). Although CHRS status does not necessarily exclude the rights of mineral exploration and development, a stated objective of this particular nomination is to "...sustain the pristine integrity of the area." The Jolly property, and a large part of the Wernecke Project area, are included within the nominated area.

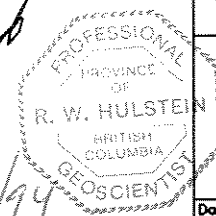
1.1 Location and Access

The Jolly property is located approximately 160 km northeast of Mayo, in east-central Yukon (Figure 1). The property is located at 64°48'N latitude and 133°54'W longitude within NTS map-sheet 106C/13.

Access to the property in 1993 was by helicopter based out of Mayo. The Bear River airstrip (unmaintained bush airstrip), located 18 km to the northwest, was utilized in 1993 by DC-3 aircraft to fly in camp equipment and fuel. Mayo is a small town of about 500 people, approximately 407 km by road from Whitehorse, Yukon which has daily jet service to southern Canada. A winter road along the Bonnet Plume River passes within 10 km of the property. Gillespie Lake, 9 km to the southwest, is suitable for float planes.



R.H.
Mar. 25/94



 Kennecott Canada Inc. Vancouver	
WERNECKE JOLLY PROPERTY LOCATION YUKON, CANADA	
Date: 28/3/94 File: JOLLOC	Author: PS: 1 = 1
Figure 1	

1.2 Physiography

The Jolly property lies within the Wernecke Mountains. The district was subjected to alpine glaciation during the Pleistocene and is rugged with craggy ridges, mountain peaks and U-shaped valleys headed by cirques and small glaciers. Valleys are generally floored by glacial debris, glaciofluvial outwash, while the hillsides are of talus. Elevations on the property range between 900m and 2000m.

Outcrop is generally restricted to ridges, cliffs and creek exposures. Soils consist of talus fines and glaciofluvial deposits. Permafrost is assumed to be prevalent throughout the property.

Vegetation in the valley consists of alder, sparse white and black spruce up to an elevation of about 1050m on south facing slopes, less on north facing slopes. Ground cover in areas of thin tree cover consists of alpine plants, 'buckbrush' (alder), dwarf willow and moss. Above about 1200m elevation there is virtually no vegetation.

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 early September.

1.3 Property Status

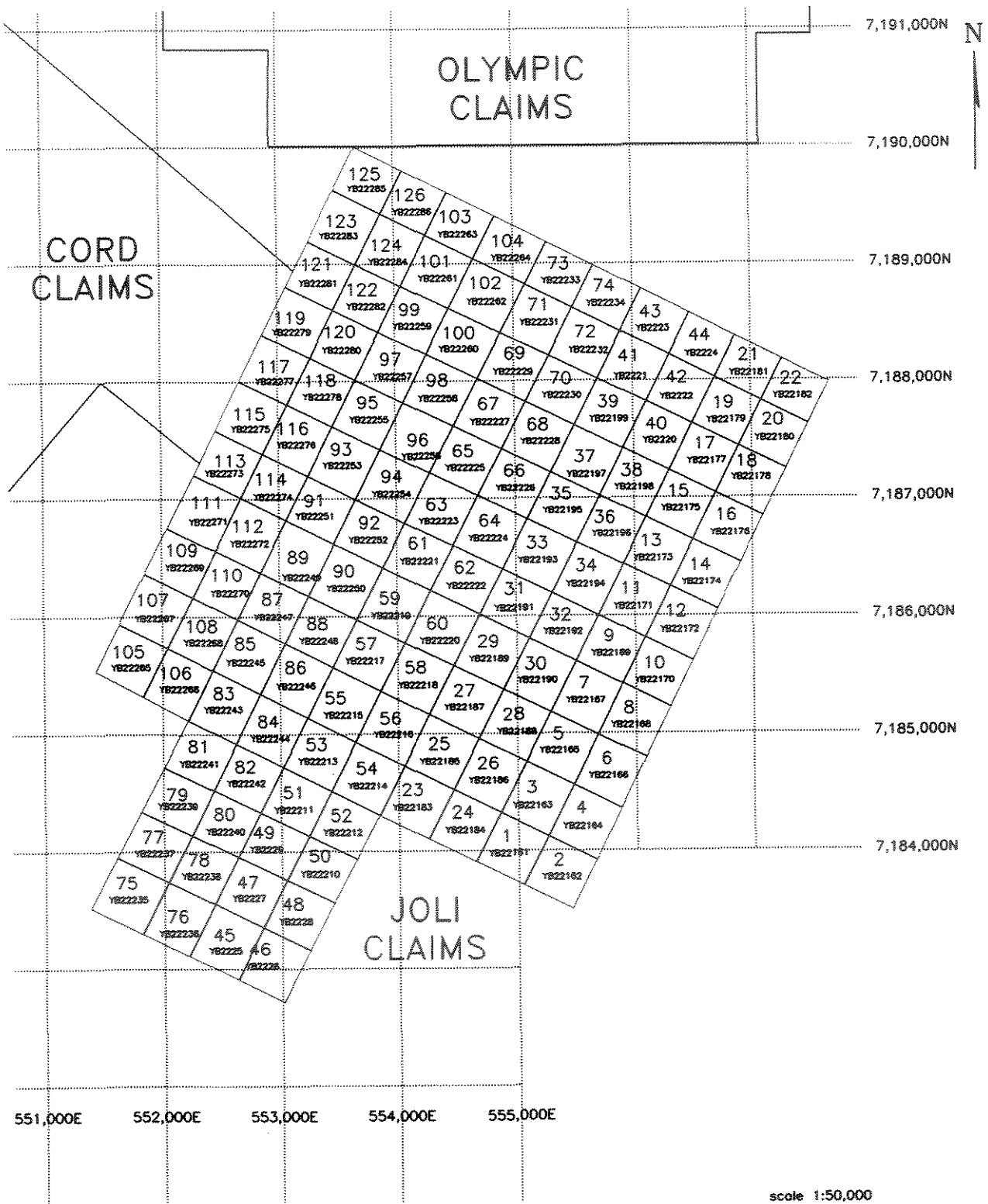
The Jolly property is located in the Mayo Mining District of Yukon Territory (Figure 2) consists of 126 two-post unsurveyed, contiguous mineral claims, staked under the Yukon Quartz Mining Act. The claims cover approximately 2551 hectares (6300 acres). Claim data are as follows:

Table 1 - List of Claims

Claim Name	Grant No.	Expiry Date*
Joli 1-126	(YB22161-286)	June 21, 1996

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

The claims are owned 100% by Archer, Cathro & Associates (1981) Limited, and registered as such with the Mayo Recorder. The Wernecke exploration and property acquisition agreement between Kennecott Canada Inc. and Archer, Cathro & Associates (1981) Limited, which included the Jolly property, was terminated in December, 1993.





Kennecott Canada Inc.
Vancouver

WERNECKE

JOLLY PROPERTY

CLAIM MAP

YUKON, CANADA

Date: 28/03/94

File: JOL-CL

Author:

PS: 1 = 1

Figure 2


R. W. Hulstein
 mar 25/94

The Olympic claims, located immediately north of the property, are owned 100% by Westmin Resources Ltd. These claims, and others in the area, cover Wernecke breccias that are currently being explored for potential copper, cobalt, uranium, silver and gold deposits.

1.4 History

The discovery of lead-zinc-silver-copper mineralization, the Goodfellow occurrences (INAC, 1993), near the Jolly property was made by the Geological Survey of Canada in 1978 (Goodfellow, 1979). Archer, Cathro & Associates (1981) subsequently examined the Goodfellow occurrences and staked nearby vein type mineralization capped by limonitic gossans. Archer, Cathro on behalf of the Wernecke Joint Venture (Chevron Canada Limited and Aquitaine Company of Canada Ltd) explored the property in 1981 by prospecting, mapping and geochemical sampling (soil, rock and stream sediments). This work identified sulphide vein bearing structures that were subsequently hand trenched in 1982. Following this the claims were allowed to expire. NDU restaked the property in 1989 but didn't record any work and allowed the claims to lapse in 1990.

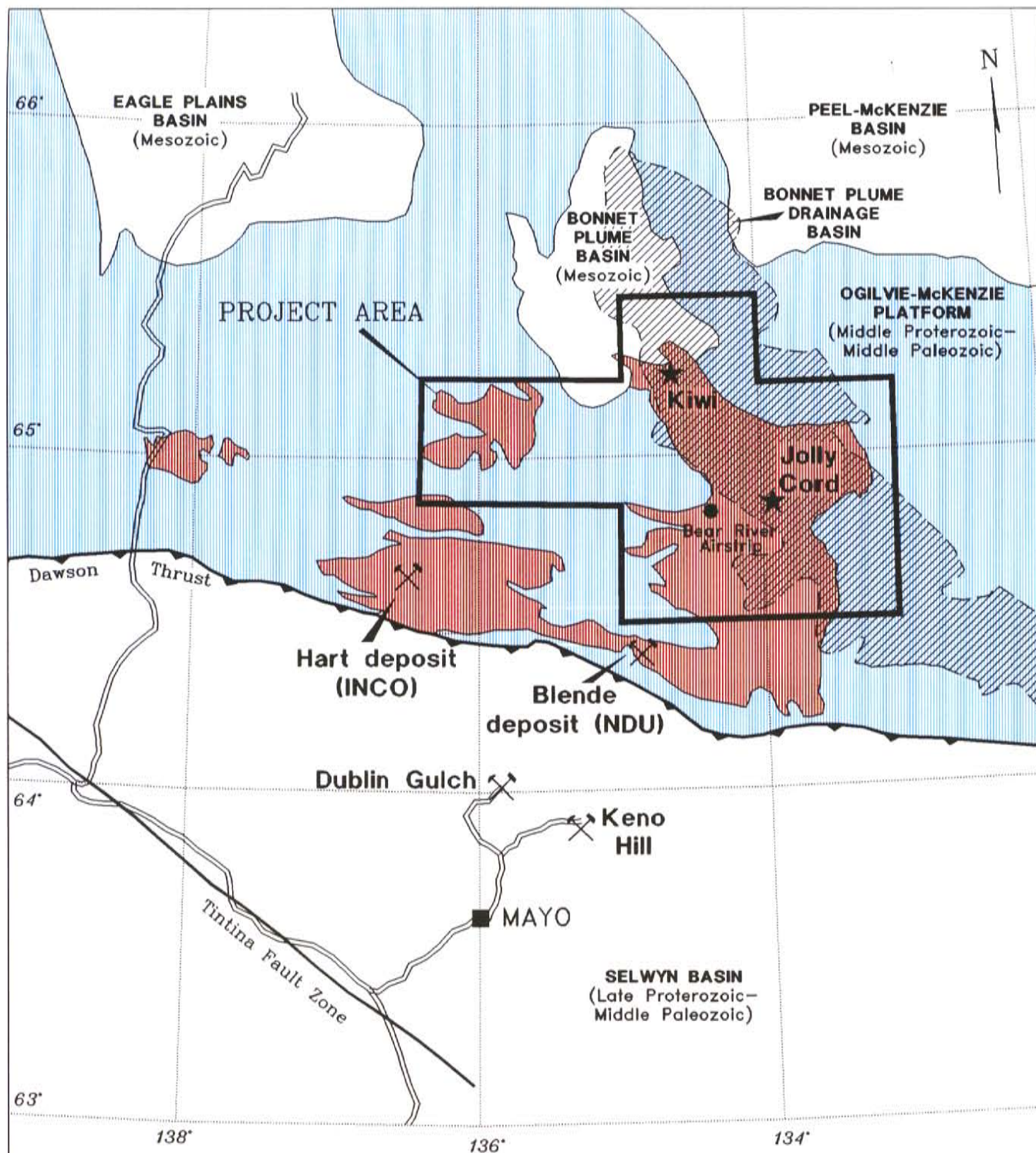
The present property was staked in early June 1993 by Archer, Cathro & Associates (1981) Limited as part of the Wernecke Project with Kennecott Canada Inc. Archer, Cathro managed the 1993 program, described further herein, of geological remapping and geochemical sampling (soil, stream sediment and rock sampling) over and about the vein type mineral occurrences and prominent gossans located on the property.

2.0 EXPLORATION MODEL

The Wernecke Project area, which includes the Jolly property, covers a window of Middle Proterozoic Wernecke Supergroup exposed in the northern Canadian Cordillera (Figure 3). The objective of the Wernecke Project was to explore these Middle Proterozoic rocks for potential massive sulphide lead-zinc-silver-copper deposits.

The Proterozoic stratigraphic sequence is dominantly comprised of shallow water siltstone and dolomite but includes two recessive weathering shale units deposited in deeper water, sediment-starved basins (Delaney, 1981). The Sullivan deposit in southern British Columbia and the McArthur River, Mt. Isa and Broken Hill deposits in eastern Australia were deposited in rocks with a similar composition, age and structural setting.

Lead isotope ratios for galena specimens collected from sedex and some fracture filling occurrences (including the Jolly property) in the Wernecke and Olgilvie Mountains are nearly identical to ratios from the Sullivan and McArthur River deposits (Carne, 1993).



- LATEST PROTEROZOIC AND YOUNGER
- LATE PROTEROZOIC-MIDDLE PALEOZOIC
- MIDDLE PROTEROZOIC WERNECKE SUPERGROUP

- thrust fault
- fault

scale 1:2,000,000

0 100
kilometres



Kennecott Canada Inc.
Vancouver

**WERNECKE
WERNECKE PROJECT
AREA
YUKON, CANADA**

Date: 29/03/94
File: WERPROJ

Author:
PS: 1 = 2

Figure 3



Rock
Mar. 25, 1994

Geological Survey of Canada geologists, and others, have compared the similarities of Proterozoic stratigraphy in southeastern Australia and the northern Canadian Cordillera (Bell and Jefferson, 1987; Young, G.M., 1992). They believe the two continents were adjacent in Proterozoic times and that the 'equivalent' strata were deposited in a rift trough that periodically reactivated throughout the Proterozoic until the two land masses finally separated in Cambrian time.

The Jolly property is underlain by Middle Proterozoic Lower Gillespie Lake Group strata. Lower Gillespie Lake Group strata is exposed over an area approximately 8 km by 16 km in size and hosts three lead-zinc-silver targets, one of which occurs on the Jolly property. Work completed on the Jolly property in 1993 was directed towards evaluating its sedimentary-exhalative (sedex) deposit potential and, in particular, to try and determine the source of the lead-zinc-silver bearing veins found on the property.

3.0 GEOLOGY

3.1 Regional Geology

The Wernecke Mountains lie within the Foreland Belt (Wheeler and McFeely, 1991). The Foreland Belt is part of ancestral North America and is deformed by eastward compressional tectonics. Sedimentary lithologies of the Middle Proterozoic Wernecke Supergroup and younger rocks were deposited in a basin-shelf environment on unexposed, presumed crystalline, basement (Figures 4 and 5). The oldest units within the Wernecke Supergroup comprise the Fairchild Lake Group composed primarily of siltstone and minor carbonate. It is overlain by the Quartet Group, comprising mainly siltstone and shale, and is in turn overlain by the Gillespie Lake Group, comprised of mainly dolomite (Thorkelson and Wallace, 1993; Thorkelson and Wallace, 1994; Delaney, 1981).

Thorkelson and Wallace (1993), following Delaney (1981), interpreted the depositional environments of Wernecke Supergroup strata as:

- (1) a deep marine environment for Lower Fairchild Group grading upward to (2) a deep shallow marine clastic-carbonate shelf at the top of the Fairchild Lake, followed by (3) a deep marine basin for the Quartet Group, shallowing upward to (4) a mainly carbonate shelf for the Gillespie Lake. The abundance of pyrite in the Quartet suggests anoxic conditions during deposition of much of the Quartet Group. In contrast algal mats, mudcrack casts, and karst features indicate shallow water to partly emergent conditions during evolution of Gillespie Lake Group.

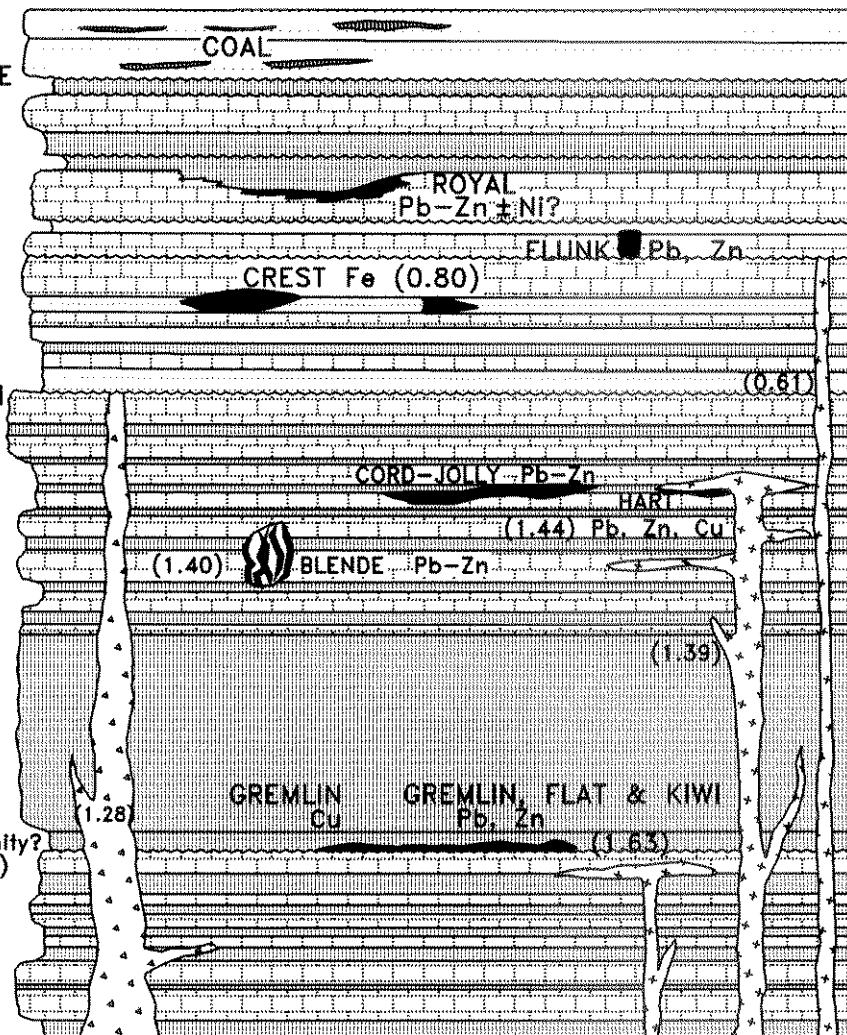
Late Proterozoic Pinguicula Group, composed of clastics and carbonates, overlies the Wernecke Supergroup with angular unconformity. This unconformity represents the Middle Proterozoic (1.3 Ga) Racklan Orogeny. Paleozoic carbonate rocks and minor clastic rocks unconformably overlie both the Wernecke Supergroup and Pinguicula Group.

MAJOR
OROGENIES
(Ga)

LARAMIDE
(0.07)

RACKLAN
(1.3)

unconformity?
(rifting?)
(1.6)



IDEALIZED STRATIGRAPHIC COLUMN FOR WERNECKE MOUNTAINS, NORTHWEST CANADA
SHOWING MAIN IGNEOUS EVENTS AND PRINCIPAL TYPES OF MINERALIZATION
(modified after Carne, 1993 (Archer, Cathro & Associates (1981) Limited))

PREDOMINANT ROCK TYPES

TIME
PERIOD

GLACIAL, FLUVIAL AND LACUSTRINE CLASTIC SEDIMENTS

CENOZOIC

CLASTIC MARINE AND NONMARINE SEDIMENTS

CRETACEOUS

SHALE AND MINOR SANDSTONE

PERMIAN

LIMESTONE, MINOR SHALE AND SANDSTONE

CARBONIFEROUS

SHALE AND MINOR LIMESTONE

UPPER DEVONIAN

LIMESTONE AND DOLOMITE OVERLAIN BY SHALE

LOWER DEVONIAN
TO CAMBRIAN

LIMESTONE OVERLAIN BY SANDSTONE AND CONGLOMERATE

LOWER CAMBRIAN

DOLOMITE, SANDSTONE, SHALE WITH MINOR LIMESTONE
NEAR TOP OF SECTION, MOSTLY MARINE

UPPER
PROTEROZOIC

UPPER GILLESPIE: STOMATOLITIC DOLOMITE WITH
MINOR SILT MUDSTONE INTERBEDS

LOWER GILLESPIE: STOMATOLITIC DOLOMITE WITH
DOLOMITIC SHALE AND SILTSTONE INTERBEDS,
WEATHERING DARK AND LIGHT BROWN, RECESSIVE

MIDDLE
PROTEROZOIC

Q2: ARGILLITE WITH MINOR FINE-GRAINED SANDSTONE

Q1: CARBONACEOUS BLACK SHALE

SHALLOW WATER, OFTEN DOLOMITIC SILTSTONE AND
SHALE PLUS DOLOMITE, FINE-GRAINED CLASTIC
ROCKS COMMONLY
METAMORPHOSED TO
PHYLLITE

GILLESPIE LAKE

WERNECKE SUPERGROUP

QUARTET

FAIRCHILD LAKE



Kennecott Canada Inc.
Vancouver

WERNECKE
IDEALIZED STRATIGRAPHIC
COLUMN
YUKON, CANADA

NTS:
Date: 28/03/93
File: WERSTRAT

Projection:
Author: RH
Scale:

Drawn by: HO

Figure 5



Jan 25, 1994

The intrusion of the enigmatic Wernecke Breccias, hosting significant amounts of copper, cobalt, uranium, silver and gold, took place prior to deposition of Pinguicula Group. Breccia emplacement is to a large extent controlled by fault structures (Thorkelson & Wallace, 1993; Thorkelson and Wallace, 1994).

Igneous rocks in the area, not observed on the Jolly property, consist of four types (Thorkelson and Wallace, 1994): mafic volcanic flows (Slab volcanics), greenish grey weathering diorite, light grey weathering micro-anorthosite, and greenish grey weathering biotitic andesite. None of these rocks are voluminous. Aside from the volcanics the igneous rocks are found mostly as thin dykes and small bodies, frequently as clasts within Wernecke breccia. The dioritic and biotitic dykes are believed to have intruded after the Racklan Orogeny (Thorkelson and Wallace, 1994).

Structural deformation in the area is dominated by open to tight folds and steep faults. Wernecke Supergroup rocks have undergone six phases of deformation (Thorkelson and Wallace, 1994).

The first phase was contractional, producing folds and slaty cleavage in Wernecke Supergroup (Thorkelson and Wallace, 1994). Folding was directed to the southeast. The second phase, also contractional, produced local kinkbands in phase one cleavage. This is recorded as localized crenulation cleavage in Quartet and Fairchild Lake shale and siltstone. The third phase involved fracturing and possibly faulting during emplacement of Wernecke breccia. The fourth phase consists of a foliation of anastomosing fractures in some Wernecke breccias that may be related to regional structures older than the Pinguicula Group. The fifth phase, like the first, was contraction, producing open folds in Pinguicula Group. This phase is likely related to Mesozoic to Paleocene contraction. The sixth phase produced offsets along steep faults which involved folded Pinguicula Group.

Many of the numerous faults in the area are suspected to have considerable amounts of dip-slip and/or strike-slip displacement (Thorkelson and Wallace, 1994).

3.2 Property Geology

Most of the Jolly property is underlain by units of Gillespie Group strata dipping moderately to gently northeast (Figure 6; Thorkelson and Wallace, 1994). Units used in the legend (G1 to G8) are not correlative with those used by Delaney (1981).

Dominant lithologies are orange, brown and grey weathering dolomite and silty dolomite, locally stromatolitic and hosting thin, apparently lensoid shaped, dark grey shale horizons (map unit G2). Unit G2 underlies most of the property south of Joli Creek. Individual beds of unit G2 can be defined but detailed mapping is required to subdivide the unit. The thin shale beds, observed on the east side of Western creek,

are more common towards its base. A castellated, massive grey weathering dolomite unit, dipping gently to the south, forms the ridge crest between Western and Dry Creeks. A prominent black and limonitic weathering bed, overlain by a grey weathering dolomite is visible on the ridge east of Red Dog Creek.

Unit G1, a distinctive laminated green limestone exposed in Western Creek, is the lowermost unit of the Gillespie Lake Group exposed on the property.

Outcrop of grey, orange, 'ribbed', weathering dolomite to dolomitic mudstone with shale interbeds (map unit G3) is exposed north of Joli Creek. These separate outcrops up to three kilometres apart, although distinctive, may not be equivalent. Unit G4, massive stromatolitic dolomite and minor mudstone along with sub unit G4A, bedded dolomite, make up the bulk of the outcrop exposed north of Joli Creek.

Unit G5, a local unit found immediately north of the Jolly property and adjacent to a major regional fault, is a pale brown to cream colored dolomite, brecciated and crosscut by pyrite veins. Unit G6, a thin unit of tan dolomite and grey shale, is exposed in the same area as Unit G5 and further to the southeast. Unit G7, also located north of the property, is restricted to a small number of outcrops of pinkish weathering shale and dolomitic shale. The relationships between units G5 to G7 are uncertain and complicated by faults and related hydrothermal alteration.

Unit G8, composed of black shale and mudstone, is believed to be the uppermost unit of Gillespie Lake Group exposed on the property. This unit is located directly below a prominent grey weathering massive dolomite section which is in turn overlain by an orange medium bedded dolomite with shale interbeds that caps the ridge immediately northeast of the property (not shown on Figure 6).

In addition to stromalites found in units G2 and G4, mud cracks were observed in unit G2, indicating shallow seawater to partly emergent conditions during sedimentation.

3.3 Structure

Generally, lithologies on the property trend east-west to northwest-southeast. A syncline, anticline pair visible on the ridge to the northwest of Western Creek appear to trend northeast. The bulk of the property south of Joli Creek is underlain by bedded dolomite of unit G2 and dips moderately to the southeast. North of Joli Creek, on the northeast side of the property, dolomite and shale units are folded about a northeast axis with an overall dip to the northeast.

A major regional fault exposed in the northwest corner of the property can be traced to the adjacent Cord property. There it, as on the Jolly property, juxtaposes differing Gillespie Lake Group lithologies indicating significant, but as yet unknown, movement.

On the Jolly property, and immediately north of the property, this fault is locally mineralized and capped by a prominent red to orange limonitic gossan.

Smaller faults with vertical displacements in the order of 10's to 100's of metres were observed south of Joli Creek offsetting beds of unit G2. Generally these faults trend to the east-northeast and are steeply dipping. Most of these faults are marked by recessive gullies.

A prominent limonitic gossan located on the ridge, east of the Canyon Creek and Western Creek junction, is found over a wide (> 25m) pyritic fault-shear zone hosting sulphide bearing quartz veins.

4.0 MINERALIZATION

The Jolly property is a sedimentary-exhalative (sedex) massive sulphide lead-zinc-silver exploration target. Mineralization on the Jolly property and adjacent Cord property is believed to be approximately 1.4 billion years old and correlative with the Hart River deposit, also located within the Gillespie Lake Group, and the Sullivan mine, in southeastern British Columbia (Thorkelson and Wallace, 1994). Previous exploration by the Geological Survey of Canada in 1978 located both vein and stratabound type mineralization in the area while following up on anomalous (lead, zinc, copper) stream sediment sample results (Goodfellow, 1979). These mineral occurrences, shown on Figure 4, were not examined in 1993. Goodfellow (1979) reported up to 295,000 ppm zinc, 26,500 ppm copper and 18,500 lead from grab samples of stromatolite dolomite breccia, dolosiltstone and dolomicrite respectively.

Stratabound mineralization (probably stratiform) located in 1993 near the junctions of Red Dog and Dry Creeks (Figures 7 and 8) returned 10.50% zinc, 614 ppm lead and 134 ppm copper from a grab sample of cherty dolomite (#T18205). Visually this sample contains less than 5% disseminated sphalerite and 5-10% pyrite as disseminations and veinlets. Sample T18204, located 500m east, returned 216 ppm lead and 284 ppm zinc from a similar rock type containing lenses of pyrite (up to 3cm by 1.0m in size) surrounding pyrolusite stained chert lenses. A rock grab sample (T18208) of interbedded dolomitic mudstone and pyritic chert, located near the head of Dry Creek, returned 468 ppm lead and 828 ppm zinc. Its significance arises from the fact that as mineralized veining or brecciation was not reported it may indicate the presence of stratiform mineralization.

Shale beds hosted by bedded dolomite, outcropping near Western Creek on the south side of the property, were not sampled in 1993. Similar shale beds on the adjacent Cord property routinely returned zinc values in excess of 1% over widths of 1.0m or more. The stratigraphic position of the shale beds on the Cord property is uncertain but are believed to be within the Lower Gillespie lake Group. Likewise, the shale beds on the Jolly property may be hosted by the Lower Gillespie Lake Group.

Eaton (1982) reported high grade lead-zinc values (up to 33.6% lead and 6.92% zinc) from vein type mineralization capped by gossans located east of Western Creek. Silver values were up to a maximum of 1.3 opt. The silver to lead ratio averaged 0.22:1 with little variation between veins (Eaton, 1982). Sampling of veins, breccias and associated gossanous in 1993 returned lead and zinc values up to 2.89% and 14.90% respectively.

Northwest of Western Creek, four float and one chip sample (T18221-224), collected from a gossanous area underlain by brecciated dolomite returned up to 2.89% lead, 14.9% zinc and 66.4 ppm silver. The chip sample returned 5.02% zinc over a 1.0m width.

Vein type mineralization consists predominantly of coarse grained galena and brown sphalerite and variable amounts of pyrite (locally massive). The sulphides are commonly found in a gangue of calcite, dolomite and quartz as thin veinlets or bands occupying fractures, joints and fault-shear zones (< 1cm to 10cm thick) and as local breccia filling. Weathering of the veins has resulted in the formation of prominent and sometimes extensive gossans. A float sample (T17996) of massive chalcopyrite and pyrite, collected on Zooma Creek, returned 83.6 ppm silver, the highest silver value from the property in 1993. This same sample returned 23.3% copper and 2590 ppm tungsten

Vein type mineralization may have been remobilized from stratabound mineralization. Examples of this were observed on the adjacent Cord property where vein-fracture controlled mineralization is present within in and adjacent to stratiform sulphide horizons. On the Jolly property vein type mineralization cannot, as of yet, be directly attributed to stratabound sulphides.

5.0 GEOCHEMISTRY

A total of 304 soil, 55 silt, and 41 rock samples were collected and analyzed for lead, zinc, silver, copper and an additional 28 elements. Sample locations are shown on Figure 7 with lead-zinc geochemistry results on Figure 8. Rock sample descriptions are in Appendix A and analytical reports are in Appendix B. All samples were digested by aqua-regia and analyzed for 32 elements by the ICP-ES method. Chemex Labs, Ltd. of Vancouver carried out all the analytical work.

5.1 Rock Samples

Rock sample geochemistry results have been partially described above under "mineralization". Highest values for lead, zinc and copper correlate with samples collected from limonitic gossanous areas underlain by brecciated and vein type

secondary mineralization. Similarly, anomalous antimony (up to 100 ppm), mercury (up to 85 ppm), iron (> 15%) and arsenic (up to 1210 ppm) values were returned from limonitic, brecciated and altered samples containing decomposed sulphides.

A number of samples returned anomalous tungsten values (including sample T17996 described above) in spite of the fact that tungsten is only partially digested by Aqua-Regia. Sample T32610 returned 9252 ppm tungsten, the highest value, from a grab sample of dolomite (?) containing pyrite blebs and reportedly up to 5% sphalerite in calcite veins. As zinc values were 824 ppm for sample T32610 it can be surmised that tungsten (in scheelite ?) was also present in the calcite veins +/- sphalerite.

5.2 Stream Sediment Samples

Stream sediment samples from Elbow Creek returned the highest values for lead (up to 2044), zinc (up to 6180 ppm), silver (up to 7.0 ppm), copper (up to 228 ppm) and iron (> 15%). This creek drains a large gossanous mineralized fault zone. Samples collected from Red Dog and Western Creeks and their tributaries have elevated lead and zinc values. There is a pronounced drop in lead values (by approximately half) from samples in Red Dog Creek above its junction with Canyon Creek. This can be attributed to the large mineralized gossan located east of the creek junction. Above the creek junction lead-zinc values are elevated in the range 110-404 ppm lead and 410-1676 ppm zinc. This could be due to mineralization found at the Goodfellow occurrences or undiscovered mineralization.

Lead and zinc values returned from Zooma Creek are low, less than 48 ppm lead and 230 ppm zinc although float containing fracture controlled galena and sphalerite were noted in the creek bed. Zooma Creek drains a shale section approximately 250m thick which may be acid generating and result in base metals being scavenged. As a result base metal values may be scavaged by acidic water. Higher lead and zinc values from near the mouth of the creek may be due to dolomite found in the area acting as a buffer.

5.3 Soil samples

Samples were collected on flagged grid lines using a four kilometre surveyed baseline (Azimuth 117°), parallel to Joli Creek, for control. Lines are spaced 300m apart and samples were collected at 100m stations. In addition approximately eight kilometres of contour soil lines, adjacent to Western and Red Dog Creeks, were sampled at 100m intervals. All lines were flagged with orange surveyors tape and sample sites marked with blue surveyors tape and/or pickets with aluminium tags. The sampling medium consisted of talus fines. Some of the samples collected in or near valley bottoms consisted of glaciofluvial material or fluvial sediment and results therefore may reflect transported mineralization. Permafrost and excessive thicknesses of organics were not encountered.

Anomaly thresholds for lead and zinc were calculated using values less than 1500 ppm lead and 3000 ppm zinc out of the 304 sample population. Values greater than this, up to >10,000 ppm for both lead and zinc were assumed to be anomalous. Background was taken to be all values less than the sample mean for each population (Table 2). Multiples of the standard deviation were then used to calculate anomaly thresholds shown below in Table 2.

Table 2 - Soil Geochemistry Statistics & Anomaly Threshold Values

	No.	Max.	Midpt.	Mean	Std. Dev.	Back-ground	Weakly Anom.	Anom.	Highly Anom.
Lead (ppm)	287	1454	127	246	269	< 250	251-500	501-750	> 751
Zinc (ppm)	279	2676	373	629	569	< 600	601-1200	1201-1800	> 1801

The high background for both lead and zinc values are due to the lack of soil development, and the large number of samples collected over and near mineralization associated with the gossanous areas.

As shown on Figure 8, lead and zinc in soil anomalies are clustered on the south west portion of the grid in the area of known gossans and vein type mineralization. The main anomalous area is approximately 1km by 2km and is open to the south and west. In addition a 2.5km long line of contour soil samples on the west side of Dry Creek returned a number of anomalous samples (11 out of 17 samples). No vein type mineralization has been found in the area although one rock sample (T18208) returned 468 ppm lead and 828 ppm zinc.

Line 68+00W, the western-most grid line, returned the most concentrated and highest set of lead and zinc values. No known mineralization has been reported from the area although a mineralized and gossanous area was mapped and sampled downslope on line 62+00W. A gossanous zone, or a number of small gossans, were noted on the slope near and to the west of line 68+00W.

On line 62+00W, a number of samples north and south of Joli Creek returned anomalous lead and zinc values. The anomalous samples south of Joli Creek can be explained by vein type mineralization. North of Joli Creek, no mineralization has been identified in the area of anomalous soil samples.

An isolated soil anomaly on line 44+00W (four samples) and line 41+00W (one sample) is not correlated with any known mineralization. The lead to zinc ratio is

lower for this anomaly compared to sample results from areas of known vein type mineralization.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Jolly property is a massive sulphide sedex type lead-zinc-silver target. A grab sample of stratabound mineralization found in cherty dolomite returned 10.50% zinc and 614 ppm lead.

The property is underlain by dolomites and shales of the sedimentary Middle Proterozoic Gillespie Lake Group, part of the Wernecke Supergroup. A large east-west fault located in the northeast corner of the property, that can be traced to the adjoining Cord property, hosts variable amounts of galena and sphalerite. Prominent limonitic gossans caused by weathering of underlying vein type mineralization is associated with this fault and other faults on the property.

There is evidence that Middle Proterozoic mineralization found on the Jolly property may be similar in age and style to the Hart River deposit, also hosted by the Gillespie Lake Group, and the Sullivan mine in southeastern British Columbia. A tentative link has also been established between rocks and mineral deposits within the Wernecke Supergroup and Australian Proterozoic terrane hosting stratabound lead-zinc-copper deposits.

The 1993 soil geochemistry survey confirmed the highly anomalous lead-zinc values previously reported in 1982 and 1983. The combined lead and zinc in soil anomaly located in the western portion of the soil grid, extends over an area approximately 1km by 2km and is open west and south. Although part of the anomaly can be attributed to known vein type mineralization a considerable portion of the anomaly, such as the highly anomalous line 68 + 00W, has yet to be explained. Anomalous lead and zinc soil samples results located west of Dry Creek may be caused by as yet unidentified metalliferous units. Similarly the source of the small lead and zinc anomaly located west of Zooma Creek, on lines 41 + 00W and line 44 + 00W, remains to be determined.

Almost all stream sediment samples returning elevated and anomalous values are from drainages with gossans and known vein and breccia type mineralization capped by prominent gossans.

Based on the results of exploration carried out on the Jolly property, further work is geological mapping and sampling is required to evaluate the properties potential to host an economic base metal deposit. However, due to uncertainties generated by the nomination of the Bonnet Plume River as a Canadian Heritage River System no further work is recommended at this time.

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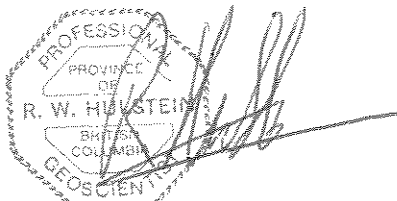
8.0 STATEMENT OF QUALIFICATIONS

I, Roger W. Hulstein, with business address:

Kennecott Canada Inc.
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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 Jolly property, Mayo Mining District, Yukon, which is based on my personal examination of the ground during June - August, 1993 and on referenced sources.



March 25, 1994

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

APPENDIX A
ANALYTICAL REPORTS



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CERTIFICATE OF ANALYSIS

A9317503

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
<i>R-11</i> T17996 - Joli	205 274	83.6	< 0.01	10	10	< 0.5	2	1.39	1.5	7	10	>10000	>15.00	< 10	< 1	0.01	< 10	0.76	635	8
<i>P-10</i> T17997 - CORD	205 274	0.6	0.47	14	30	< 0.5	< 2	0.21	< 0.5	2	26	400	1.00	< 10	< 1	0.27	10	0.22	20	15
T17998 - Joli	205 274	< 0.2	0.43	< 2	10	< 0.5	< 2	2.89	2.5	3	22	43	>15.00	10	< 1	0.39	< 10	2.78	>10000	< 1
T17999 - CORD	205 274	< 0.2	0.27	< 2	< 10	< 0.5	< 2	3.64	0.5	2	26	60	14.95	< 10	< 1	0.15	< 10	5.35	8650	< 1
T18000	205 274	< 0.2	0.25	< 2	< 10	0.5	< 2	8.11	22.5	2	21	31	8.38	< 10	< 1	0.14	< 10	4.95	4880	< 1
T18198	205 274	0.2	0.32	< 2	10	0.5	< 2	10.75	< 0.5	4	20	35	0.66	< 10	< 1	0.26	< 10	6.78	250	< 1
T18199	205 274	< 0.2	0.79	4	10	0.5	4	5.88	< 0.5	15	34	24	1.91	< 10	< 1	0.26	< 10	3.89	305	< 1
T18200	205 274	< 0.2	0.43	< 2	< 10	< 0.5	4	11.60	< 0.5	7	26	28	1.72	< 10	< 1	0.10	10	7.29	475	< 1
T18201	205 274	0.8	0.07	56	10	< 0.5	< 2	0.12	0.5	8	103	39	10.40	< 10	< 1	0.11	< 10	0.07	45	2
T18202	205 274	< 0.2	1.40	8	40	1.0	< 2	4.26	< 0.5	16	44	53	2.19	< 10	2	0.41	10	3.50	250	< 1
T18203	205 274	0.6	0.17	20	10	< 0.5	< 2	0.04	< 0.5	10	134	38	4.90	< 10	1	0.10	< 10	0.03	40	1
T18204	205 274	1.4	0.10	54	< 10	< 0.5	< 2	0.36	0.5	9	66	48	>15.00	< 10	< 1	0.07	< 10	0.22	70	1
T18205	205 274	< 0.2	0.21	100	< 10	< 0.5	< 2	0.34	>100.0	4	114	134	10.85	10	29	0.19	< 10	0.30	25	2
T32801	205 274	< 0.2	0.30	< 2	< 10	1.0	< 2	11.80	13.0	1	19	20	8.27	< 10	< 1	0.28	< 10	6.00	4820	< 1
T32802	205 274	< 0.2	0.31	< 2	10	< 0.5	< 2	5.30	0.5	2	33	13	11.70	< 10	< 1	0.35	< 10	5.66	7560	< 1
T32803	205 274	< 0.2	0.32	14	< 10	< 0.5	< 2	8.20	0.5	2	20	14	10.35	< 10	< 1	0.36	< 10	5.47	6280	< 1
T32804	205 274	< 0.2	0.36	< 2	< 10	1.0	< 2	9.51	10.5	2	27	12	8.45	< 10	< 1	0.36	< 10	5.89	5120	< 1
T32805	205 274	0.2	0.39	< 2	< 10	0.5	< 2	10.75	11.5	2	25	27	10.10	< 10	< 1	0.27	< 10	5.01	2880	< 1
T32806	205 274	< 0.2	0.54	< 2	< 10	0.5	< 2	10.35	1.5	2	31	19	7.10	< 10	< 1	0.12	< 10	5.42	8100	< 1
T32807	205 274	< 0.2	1.66	< 2	< 10	< 0.5	< 2	5.98	1.0	4	38	17	10.40	< 10	< 1	0.15	< 10	4.92	>10000	< 1
T32808	205 274	< 0.2	1.37	44	< 10	< 0.5	< 2	6.34	0.5	4	68	43	9.20	< 10	< 1	0.03	< 10	4.44	9500	< 1
T32809	205 274	< 0.2	1.14	2	< 10	0.5	< 2	8.16	< 0.5	2	41	30	6.63	< 10	< 1	0.11	< 10	5.25	6700	< 1
T32810	205 274	< 0.2	1.55	40	< 10	0.5	< 2	6.61	< 0.5	4	75	100	7.76	< 10	< 1	0.20	< 10	4.98	5320	< 1
T32811	205 274	0.8	0.52	20	10	0.5	< 2	10.20	1.5	2	32	3	6.24	< 10	< 1	0.17	< 10	6.13	3510	< 1
T32812	205 274	0.4	0.75	64	< 10	0.5	< 2	8.59	0.5	4	67	18	8.59	< 10	< 1	0.10	< 10	4.98	4220	< 1
T32813	205 274	2.2	0.21	118	< 10	< 0.5	< 2	7.32	1.0	5	48	23	14.35	< 10	< 1	0.05	< 10	4.14	2500	< 1
T32814	205 274	< 0.2	1.49	< 2	< 10	0.5	< 2	8.23	1.0	5	54	40	5.74	< 10	< 1	0.19	< 10	5.90	4320	< 1
T32815	205 274	< 0.2	1.49	< 2	< 10	0.5	< 2	8.49	0.5	2	59	18	5.27	< 10	< 1	0.10	< 10	5.84	4540	< 1
T32816	205 274	< 0.2	2.00	4	< 10	< 0.5	< 2	5.14	< 0.5	4	64	27	9.07	< 10	< 1	0.19	< 10	4.86	9160	< 1
T32817	205 274	0.2	1.73	< 2	< 10	< 0.5	< 2	6.61	0.5	3	34	< 1	8.91	< 10	< 1	0.09	< 10	5.18	>10000	< 1
T32818	205 274	< 0.2	1.20	40	< 10	0.5	< 2	6.64	0.5	4	52	171	8.76	< 10	< 1	0.10	< 10	4.43	>10000	< 1
T32819	205 274	0.4	1.24	352	< 10	< 0.5	< 2	6.61	0.5	10	60	315	7.53	< 10	< 1	0.08	< 10	3.73	8130	< 1
T32820	205 274	0.2	1.57	< 2	20	< 0.5	< 2	7.15	1.0	5	42	10	7.29	< 10	< 1	0.16	< 10	4.40	>10000	< 1
T32821	205 274	< 0.2	2.29	< 2	10	0.5	< 2	7.30	0.5	3	30	< 1	7.54	< 10	< 1	0.35	< 10	5.61	9230	< 1
T32822	205 274	0.2	1.32	26	40	< 0.5	< 2	5.13	< 0.5	6	28	7	11.50	< 10	< 1	0.45	< 10	4.14	>10000	< 1
T32823	205 274	< 0.2	0.45	6	< 10	< 0.5	< 2	7.54	0.5	2	44	< 1	7.47	< 10	< 1	0.16	< 10	4.54	5910	< 1
T32824	205 274	< 0.2	0.59	90	< 10	< 0.5	< 2	7.07	31.5	4	32	21	11.65	< 10	< 1	0.27	< 10	3.66	3010	< 1
T32825	205 274	0.2	0.73	24	< 10	< 0.5	< 2	8.33	14.5	3	26	12	11.40	< 10	< 1	0.18	< 10	4.36	2990	< 1
T32826	205 274	< 0.2	0.72	8	< 10	< 0.5	< 2	8.00	18.0	2	41	9	11.20	< 10	< 1	0.26	< 10	5.47	5770	< 1
T32827	205 274	< 0.2	0.43	< 2	< 10	< 0.5	< 2	11.65	5.0	1	19	< 1	7.39	< 10	< 1	0.16	< 10	6.19	5510	< 1

CERTIFICATION: *100% B-100%*



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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
T17996	205 274	< 0.01	59	4750	70	< 2	5	5	< 0.01	< 10	40	3	2590	1110
T17997	205 274	< 0.01	15	800	58	2	1	6	< 0.01	< 10	< 10	23	< 10	38
T17998	205 274	0.03	3	330	1720	2	2	10	< 0.01	< 10	< 10	51	50	1015
T17999	205 274	< 0.01	< 1	300	394	4	1	6	< 0.01	< 10	< 10	32	60	84
T18000	205 274	0.01	< 1	450	3170	< 2	1	13	< 0.01	< 10	< 10	27	60	9180
T18198	205 274	0.01	5	250	22	2	4	22	< 0.01	< 10	< 10	12	10	46
T18199	205 274	< 0.01	14	170	24	2	4	13	< 0.01	< 10	< 10	13	10	48
T18200	205 274	0.01	8	100	96	4	3	20	< 0.01	< 10	< 10	12	20	80
T18201	205 274	< 0.01	15	90	178	4	1	< 1	< 0.01	< 10	< 10	2	< 10	234
T18202	205 274	0.01	20	220	42	2	6	10	< 0.01	< 10	< 10	20	10	100
T18203	205 274	< 0.01	12	80	164	4	< 1	1	< 0.01	< 10	< 10	7	< 10	140
T18204	205 274	< 0.01	36	110	216	6	1	1	< 0.01	< 10	< 10	4	< 10	284
T18205	205 274	< 0.01	19	110	614	< 2	< 1	1	< 0.01	< 10	< 10	4	90	>10000
T32801	205 274	0.01	1	600	1870	< 2	1	18	< 0.01	< 10	< 10	49	70	4800
T32802	205 274	0.01	< 1	400	52	4	1	8	< 0.01	< 10	< 10	31	50	124
T32803	205 274	0.01	2	610	120	4	1	13	< 0.01	< 10	< 10	34	60	178
T32804	205 274	0.01	< 1	630	374	< 2	1	16	< 0.01	< 10	< 10	34	60	4690
T32805	205 274	0.01	4	1670	3450	< 2	1	14	< 0.01	< 10	< 10	33	70	4590
T32806	205 274	0.01	2	460	198	< 2	2	16	< 0.01	< 10	< 10	37	50	656
T32807	205 274	< 0.01	23	670	44	4	4	17	0.01	< 10	20	50	60	96
T32808	205 274	0.01	8	400	140	4	3	16	0.01	< 10	20	57	40	92
T32809	205 274	0.01	9	400	58	4	3	20	< 0.01	< 10	10	43	40	64
T32810	205 274	0.01	14	510	64	4	3	16	0.01	< 10	< 10	53	60	82
T32811	205 274	0.01	10	240	584	6	2	18	< 0.01	< 10	< 10	17	60	638
T32812	205 274	0.01	18	370	340	8	2	15	< 0.01	< 10	< 10	45	70	196
T32813	205 274	0.01	18	210	1145	8	2	15	< 0.01	< 10	< 10	19	80	370
T32814	205 274	0.01	16	590	442	< 2	3	16	0.01	< 10	10	52	50	340
T32815	205 274	0.01	6	430	132	6	3	19	< 0.01	< 10	10	39	50	236
T32816	205 274	< 0.01	13	650	62	< 2	4	14	0.01	< 10	20	61	70	188
T32817	205 274	< 0.01	19	550	18	2	4	19	0.01	< 10	30	39	70	108
T32818	205 274	0.01	12	500	132	4	3	18	< 0.01	< 10	20	41	60	110
T32819	205 274	0.01	19	440	268	< 2	3	16	< 0.01	< 10	20	54	60	402
T32820	205 274	< 0.01	26	660	120	< 2	4	21	0.01	< 10	20	46	60	408
T32821	205 274	< 0.01	18	490	102	2	4	22	0.02	< 10	20	35	60	242
T32822	205 274	< 0.01	8	550	150	2	3	18	0.01	< 10	30	40	70	92
T32823	205 274	0.01	6	490	142	4	2	14	< 0.01	< 10	10	38	60	312
T32824	205 274	< 0.01	14	740	2350	< 2	3	14	< 0.01	< 10	< 10	53	90	>10000
T32825	205 274	0.01	7	540	6970	< 2	2	14	< 0.01	< 10	< 10	51	100	6370
T32826	205 274	0.01	6	540	1425	< 2	2	15	< 0.01	< 10	< 10	66	100	8010
T32827	205 274	0.01	2	240	1535	< 2	2	20	< 0.01	< 10	10	32	80	2080

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
T32828	205 274	< 0.2	0.80	80	< 10	< 0.5	< 2	4.89	23.5	2	41	36	14.70	< 10	< 1	0.24	< 10	3.78	1865	< 1
T32829	205 274	< 0.2	0.21	14	< 10	0.5	< 2	11.70	9.5	2	29	16	4.92	< 10	< 1	0.13	< 10	6.40	2670	< 1
T32830	205 274	< 0.2	0.43	46	< 10	< 0.5	< 2	10.80	18.0	4	26	10	7.70	< 10	< 1	0.16	< 10	6.15	2390	< 1
T32831	205 274	< 0.2	0.90	32	< 10	< 0.5	< 2	7.77	1.5	2	33	34	9.45	< 10	< 1	0.37	< 10	6.16	6870	< 1
T32832	205 274	< 0.2	1.15	142	< 10	< 0.5	< 2	3.71	1.0	5	54	207	14.10	< 10	< 1	0.46	< 10	4.75	5320	< 1
T32833	205 274	3.0	0.63	46	< 10	< 0.5	< 2	0.87	3.5	7	98	3050	>15.00	< 10	< 1	0.43	< 10	2.03	1280	< 1
T32834	205 274	0.2	0.30	4	< 10	0.5	< 2	11.15	14.0	2	20	31	7.47	< 10	< 1	0.22	< 10	5.62	2390	< 1
T32835	205 274	< 0.2	0.25	14	< 10	0.5	< 2	12.55	7.5	< 1	18	18	6.84	< 10	< 1	0.15	< 10	6.47	2660	< 1
T32836	205 274	< 0.2	0.61	< 2	30	< 0.5	< 2	7.98	1.0	2	18	< 1	10.65	< 10	< 1	0.27	< 10	4.65	>10000	< 1
T32837	205 274	< 0.2	0.38	< 2	10	< 0.5	< 2	10.65	1.0	2	20	< 1	6.96	< 10	< 1	0.19	< 10	4.93	8690	< 1
T32838	205 274	< 0.2	0.49	4	10	< 0.5	< 2	6.42	3.5	1	31	10	13.15	< 10	< 1	0.28	< 10	4.16	8100	< 1
T32839	205 274	< 0.2	0.68	< 2	20	< 0.5	< 2	10.80	12.5	3	24	19	9.73	< 10	< 1	0.17	< 10	5.22	5730	< 1
T32840	205 274	2.8	0.41	124	110	0.5	2	0.18	< 0.5	2	224	25	4.24	< 10	< 1	0.43	20	0.10	85	6
T32841	205 274	< 0.2	0.27	< 2	< 10	< 0.5	< 2	8.93	18.0	1	30	< 1	8.61	< 10	< 1	0.18	< 10	5.89	5200	< 1
T32842	205 274	< 0.2	0.53	2	20	< 0.5	< 2	10.30	5.5	2	24	2	8.92	< 10	< 1	0.31	< 10	4.48	5970	< 1
T32843	205 274	0.2	0.52	8	< 10	< 0.5	< 2	8.85	3.0	3	47	36	9.56	< 10	< 1	0.12	< 10	4.07	4670	< 1
T32844	205 274	< 0.2	0.68	26	20	< 0.5	< 2	9.39	0.5	2	42	26	8.74	< 10	< 1	0.27	< 10	4.55	6110	< 1
T32845	205 274	0.2	0.74	< 2	< 10	1.0	< 2	12.20	5.5	4	25	29	6.40	< 10	< 1	0.20	10	5.26	4830	< 1
T32846	205 274	< 0.2	0.35	14	10	1.0	< 2	12.60	6.0	1	23	12	7.24	< 10	< 1	0.19	< 10	4.97	4550	< 1
T32847	205 274	< 0.2	0.86	24	< 10	2.0	< 2	14.05	7.5	2	34	68	5.74	< 10	< 1	0.30	< 10	3.82	3180	< 1
T32848	205 274	2.2	0.68	52	< 10	0.5	< 2	9.51	8.0	3	44	110	7.62	< 10	< 1	0.15	< 10	4.31	5010	< 1
T32849	205 274	< 0.2	0.67	28	< 10	1.0	< 2	10.55	1.5	3	33	24	5.83	< 10	< 1	0.33	< 10	5.29	3160	< 1
T32850	205 274	< 0.2	0.35	2	< 10	0.5	< 2	12.75	8.5	2	23	9	7.01	< 10	< 1	0.06	< 10	5.29	4270	< 1
T32851	205 274	< 0.2	1.52	36	10	< 0.5	< 2	9.62	0.5	3	44	6	5.34	< 10	< 1	0.53	< 10	7.62	1325	1
T32852	205 274	< 0.2	1.25	26	10	< 0.5	< 2	8.67	0.5	3	57	17	7.09	< 10	< 1	0.41	< 10	6.38	1595	< 1
T32853	205 274	< 0.2	0.36	8	< 10	0.5	< 2	11.80	< 0.5	< 1	39	< 1	3.59	< 10	< 1	0.23	< 10	6.63	2130	< 1
T32854	205 274	< 0.2	0.44	14	< 10	0.5	< 2	9.35	5.5	2	105	42	6.16	< 10	< 1	0.19	< 10	4.64	1325	< 1
T33353	205 274	23.2	0.13	692	30	< 0.5	< 2	0.24	8.0	17	10	42	>15.00	< 10	< 1	0.06	< 10	0.24	1715	4
T33354	205 274	< 0.2	0.03	10	< 10	< 0.5	< 2	9.56	32.5	2	43	6	6.51	< 10	5	0.02	< 10	6.11	725	< 1
T33355	205 274	0.2	0.13	22	10	< 0.5	2	8.46	< 0.5	6	56	15	6.82	< 10	< 1	0.08	< 10	5.49	455	< 1
T33356	205 274	0.2	0.37	26	10	< 0.5	< 2	10.45	0.5	11	69	31	9.83	< 10	< 1	0.33	< 10	7.26	510	< 1
T33357	205 274	< 0.2	0.44	12	< 10	< 0.5	< 2	13.50	2.0	1	17	< 1	1.04	< 10	< 1	0.04	< 10	9.52	875	< 1

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: WP
Comments:

Page Number :2-B
Total Pages :2
Certificate Date: 26-JUL-93
Invoice No. :19317503
P.O. Number :
Account :F

CERTIFICATE OF ANALYSIS

A9317503

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
T32828	205 274	< 0.01	15	770	6380	< 2	3	14	< 0.01	< 10	< 10	56	80	>10000
T32829	205 274	0.01	4	450	1415	< 2	1	19	< 0.01	< 10	< 10	23	60	4530
T32830	205 274	0.01	15	830	2130	< 2	1	18	< 0.01	< 10	< 10	35	90	8570
T32831	205 274	0.01	9	500	56	< 2	2	16	0.01	< 10	10	47	80	628
T32832	205 274	< 0.01	16	650	168	4	4	9	0.01	< 10	< 10	68	70	338
T32833	205 274	< 0.01	85	990	2720	6	3	2	0.01	< 10	< 10	92	10	1600
T32834	205 274	0.01	10	670	3910	< 2	1	17	< 0.01	< 10	< 10	29	80	5840
T32835	205 274	0.01	7	530	764	< 2	1	18	< 0.01	< 10	< 10	27	70	3060
T32836	205 274	0.01	5	580	644	4	2	16	< 0.01	< 10	20	35	80	350
T32837	205 274	0.01	< 1	250	648	< 2	1	17	< 0.01	< 10	20	18	60	282
T32838	205 274	< 0.01	7	430	468	< 2	2	13	< 0.01	< 10	10	42	90	1535
T32839	205 274	< 0.01	6	330	1470	< 2	2	22	< 0.01	< 10	10	34	90	5630
T32840	205 274	< 0.01	7	960	3370	6	2	46	0.03	< 10	< 10	38	< 10	534
T32841	205 274	0.01	2	410	2970	< 2	1	15	< 0.01	< 10	10	27	90	7410
T32842	205 274	0.01	5	400	154	< 2	2	21	< 0.01	< 10	10	44	80	2840
T32843	205 274	< 0.01	7	590	1505	2	1	12	< 0.01	< 10	< 10	27	70	1660
T32844	205 274	< 0.01	7	510	106	4	2	20	< 0.01	< 10	10	33	70	320
T32845	205 274	0.01	5	420	614	< 2	2	18	< 0.01	< 10	10	28	70	3160
T32846	205 274	0.01	4	350	232	< 2	1	14	< 0.01	< 10	< 10	19	80	3070
T32847	205 274	< 0.01	3	500	668	< 2	3	22	0.01	< 10	10	32	70	3960
T32848	205 274	0.01	6	730	8240	< 2	2	14	< 0.01	< 10	< 10	33	80	4300
T32849	205 274	< 0.01	4	480	138	< 2	2	15	< 0.01	< 10	< 10	36	60	854
T32850	205 274	< 0.01	4	290	488	< 2	1	18	< 0.01	< 10	< 10	23	80	4260
T32851	205 274	0.01	10	370	114	2	3	16	0.01	< 10	< 10	40	50	388
T32852	205 274	0.01	13	340	84	4	3	14	< 0.01	< 10	< 10	48	60	234
T32853	205 274	0.01	3	350	66	2	1	16	< 0.01	< 10	< 10	38	40	86
T32854	205 274	0.01	3	2070	42	< 2	1	15	< 0.01	< 10	< 10	44	60	3290
T33353	205 274	< 0.01	39	100	4670	40	3	1	< 0.01	< 10	< 10	4	< 10	8150
T33354	205 274	0.01	6	30	136	< 2	< 1	14	< 0.01	< 10	< 10	7	80	>10000
T33355	205 274	0.01	20	80	50	6	2	16	< 0.01	< 10	< 10	10	40	140
T33356	205 274	0.01	39	120	92	2	2	20	< 0.01	< 10	< 10	11	70	48
T33357	205 274	0.01	2	60	92	< 2	1	23	< 0.01	< 10	< 10	11	30	1770

CERTIFICATION:

Ha. H. Bachler



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PHONE: 604-984-0221

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

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

Project: WP
Comments: CC: ERIC FINLAYSON

Page Number: 1-A
Total Pages: 1
Certificate Date: 29-JUL-93
Invoice No.: 19317853
P.O. Number:
Account: F

CERTIFICATE OF ANALYSIS

A9317853

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
K-13 { K-14 { T18206 } T18207 } T18208 } T18209 } T18210 }	255 292 255 292 255 292 255 292 255 292	< 0.2 1.8 1.4 5.0 5.8	1.62 0.80 1.01 0.53 0.29	34 60 32 34 32	20 10 80 10 10	< 0.5 < 0.5 < 0.5 < 0.5 < 0.5	< 2 < 2 < 2 < 2 < 2	7.85 10.75 7.27 >15.00 >15.00	< 0.5 2.0 1.0 < 0.5 < 0.5	10 < 1 2 < 1 < 1	28 40 177 10 13	32 7 14 5 286	2.76 3.18 2.25 1.43 1.24	< 10 < 10 < 10 < 10 < 10	< 1 < 1 < 1 < 1 < 1	0.27 0.61 0.96 0.23 0.17	< 10 < 10 < 10 < 10 < 10	4.86 6.10 1.97 7.21 7.49	350 435 170 470 735	< 1 < 1 2 < 1 < 1
K-15 { T18211 } T18213 } T18214 } T18215 } T18218 }	255 292 255 292 255 292 255 292 255 292	0.2 0.6 14.0 4.2 0.6	1.79 0.64 0.67 0.60 0.86	34 340 480 332 16	30 10 20 50 20	< 0.5 0.5 1.0 1.5 < 0.5	< 2 2 2 2 < 2	1.08 0.45 0.11 0.10 0.22	< 0.5 2.0 < 0.5 7.0 < 0.5	38 11 17 3 59	61 17 15 17 59	22 85 87 74 2	3.60 >15.00 >15.00 >15.00 1.82	< 10 < 10 < 10 < 10 < 10	< 1 2 2 1 < 1	0.52 0.06 0.12 0.11 0.72	< 10 < 10 < 10 < 10 < 10	2.11 0.20 0.21 0.19 0.30	120 770 750 425 40	< 1 7 4 2 < 1
K-16 { T18221 } T31486 } T31487 } T31488 } T31489 }	255 292 255 292 255 292 255 292 255 292	3.4 < 0.2 1.0 < 0.2 1.4	0.79 1.32 1.13 0.76 1.11	282 102 76 46 32	20 10 10 10 10	2.0 < 0.5 < 0.5 < 0.5 < 0.5	2 < 2 < 2 < 2 < 2	0.14 8.89 10.95 6.00 11.45	2.5 0.5 1.0 10.5 5.0	24 < 1 < 1 < 1 < 1	24 28 72 43 59	72 25 42 43 54	>15.00 7.83 8.08 8.38 10.15	< 10 < 10 < 10 < 10 < 10	< 1 < 1 < 1 < 1 < 1	0.04 0.44 0.33 0.42 0.50	< 10 < 10 < 10 < 10 < 10	0.28 5.94 5.71 3.17 5.50	260 1295 1760 630 1245	3 1 < 1 2 1
T31492 } T31493 } T31496 } T31497 } T31498 }	255 292 255 292 255 292 255 292 255 292	4.4 5.4 11.4 3.8 3.4	0.62 0.53 0.14 0.80 0.68	78 46 38 130 100	10 < 10 < 10 10 10	0.5 1.0 < 0.5 < 0.5 0.5	< 2 < 2 < 2 < 2 < 2	13.95 >15.00 >15.00 14.20 12.90	30.5 7.0 < 0.5 < 0.5 8.0	< 1 < 1 < 1 < 1 < 1	46 20 12 19 38	16 17 3 29 53	3.34 4.46 2.71 5.96 3.81	< 10 < 10 < 10 < 10 < 10	< 1 < 1 < 1 < 1 < 1	0.56 0.22 0.04 0.25 0.54	< 10 < 10 < 10 < 10 < 10	6.92 6.52 8.32 7.39 6.65	880 1230 1080 1045 915	< 1 < 1 < 1 4 2
T31500 } T31502 } T31503 } T31504 } T31507 }	255 292 255 292 255 292 255 292 255 292	6.4 < 0.2 < 0.2 < 0.2 0.2	0.48 0.89 0.53 0.76 0.92	140 34 68 232 240	10 < 10 < 10 < 10 < 10	3.0 < 0.5 < 0.5 < 0.5 1.0	< 2 < 2 < 2 < 2 2	>15.00 4.64 2.17 3.32 2.88	5.5 < 0.5 < 0.5 < 0.5 15.5	< 1 < 1 < 1 < 1 1	28 32 12 26 52	88 58 13 759 123	3.20 10.15 >15.00 >15.00 >15.00	< 10 < 10 < 10 < 10 < 10	< 1 < 1 < 1 < 1 < 1	0.28 0.01 0.01 0.02 < 0.01	< 10 < 10 < 10 < 10 < 10	7.62 3.82 4.22 4.79 1.85	895 3720 7860 9720 4500	< 1 < 1 < 1 < 1 3
T31509 } T31510 } T31511 } T31513 } T31514 }	255 292 255 292 255 292 255 292 255 292	< 0.2 1.0 < 0.2 < 0.2 3.0	0.74 0.57 0.75 0.72 0.72	52 46 42 80 12	150 10 < 10 70 < 10	< 0.5 1.5 < 0.5 < 0.5 < 0.5	< 2 < 2 < 2 < 2 < 2	2.54 10.40 4.74 5.59 13.95	< 0.5 4.5 4.0 < 0.5 < 0.5	< 1 < 1 < 1 < 1 < 1	9 48 71 17 16	17 21 57 11 6	>15.00 7.28 13.35 >15.00 7.48	< 10 < 10 < 10 < 10 < 10	< 1 < 1 < 1 < 1 < 1	0.26 0.04 0.12 0.33 0.04	< 10 < 10 < 10 < 10 < 10	3.72 3.65 2.65 4.02 5.23	>10000 4640 2250 9870 6460	< 1 < 1 < 1 < 1 < 1
T31515 } T31517 }	255 292 255 292	0.4 < 0.2	0.67 0.71	16 28	< 10 < 10	< 0.5 < 0.5	< 2 < 2	10.65 9.48	4.0 1.5	< 1 < 1	21 35	14 23	8.97 9.62	< 10 < 10	< 1 < 1	0.02 0.18	< 10 < 10	4.05 3.57	5590 5430	< 1 < 1

CERTIFICATION:

Kurt Bickler



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

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

Project: WP
Comments: CC: ERIC FINLAYSON

Page Number :1-B
Total Pages :1
Certificate Date: 29-JUL-93
Invoice No. :19317853
P.O. Number :
Account :F

CERTIFICATE OF ANALYSIS

A9317853

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
T18206	255 292	0.01	22	390	42	< 2	4	43	< 0.01	< 10	< 10	17	< 10	114
T18207	255 292	0.01	14	90	134	< 2	2	10	< 0.01	< 10	< 10	9	< 10	750
T18208	255 292	0.01	14	170	468	< 2	2	12	< 0.01	< 10	< 10	11	< 10	828
T18209	255 292	0.01	7	60	10	2	4	17	< 0.01	< 10	< 10	7	< 10	28
T18210	255 292	0.02	5	< 10	30	< 2	3	17	< 0.01	< 10	< 10	5	< 10	40
T18211	255 292	< 0.01	35	200	36	2	6	3	< 0.01	< 10	< 10	26	< 10	120
T18213	255 292	< 0.01	32	< 10	1000	38	3	< 1	< 0.01	< 10	< 10	3	< 10	6230
T18214	255 292	< 0.01	36	< 10	1500	100	3	< 1	< 0.01	< 10	< 10	3	< 10	712
T18215	255 292	0.01	19	40	1200	22	3	2	< 0.01	< 10	< 10	7	< 10	5510
T18218	255 292	< 0.01	6	110	116	2	1	2	< 0.01	< 10	< 10	10	< 10	68
T18221	255 292	< 0.01	16	< 10	1800	29	4	1	< 0.01	< 10	< 10	7	< 10	3360
✓ T31486	255 292	0.01	19	450	114	2	3	11	< 0.01	< 10	< 10	41	< 10	1095
✓ T31487	255 292	0.01	17	420	144	4	3	12	< 0.01	< 10	< 10	63	< 10	1170
✓ T31488	255 292	0.01	9	860	240	2	2	7	< 0.01	< 10	< 10	47	< 10	6650
✓ T31489	255 292	0.01	14	360	76	< 2	3	12	0.01	< 10	< 10	65	< 10	3500
✓ T31492	255 292	0.01	11	3100	1075	< 2	1	9	< 0.01	< 10	< 10	32	< 10	>10000
✓ T31493	255 292	0.01	6	510	20	< 2	2	12	< 0.01	< 10	< 10	24	< 10	5040
✓ T31496	255 292	0.01	1	10	24	2	1	11	< 0.01	< 10	< 10	7	< 10	348
✓ T31497	255 292	0.01	19	500	158	2	2	10	< 0.01	< 10	< 10	39	< 10	2280
✓ T31498	255 292	0.01	7	510	126	2	2	10	< 0.01	< 10	< 10	44	< 10	4010
✓ T31500	255 292	0.01	10	560	924	2	2	12	< 0.01	< 10	< 10	33	< 10	3560
T31502	255 292	< 0.01	17	660	22	2	3	8	< 0.01	< 10	< 10	40	< 10	252
T31503	255 292	< 0.01	2	330	36	4	2	4	< 0.01	< 10	< 10	42	< 10	344
T31504	255 292	< 0.01	8	340	54	2	3	5	< 0.01	< 10	< 10	36	< 10	238
T31507	255 292	< 0.01	9	720	100	< 2	3	3	< 0.01	< 10	< 10	67	< 10	>10000
T31509	255 292	< 0.01	6	430	14	8	2	4	< 0.01	< 10	< 10	29	< 10	100
T31510	255 292	0.01	15	440	214	2	2	11	< 0.01	< 10	< 10	54	< 10	3070
T31511	255 292	0.01	34	870	268	6	2	6	< 0.01	< 10	< 10	32	< 10	2790
T31513	255 292	0.01	6	480	76	< 2	2	9	< 0.01	< 10	< 10	45	< 10	466
T31514	255 292	< 0.01	3	510	32	< 2	2	14	< 0.01	< 10	< 10	52	< 10	606
T31515	255 292	< 0.01	3	380	106	< 2	2	6	< 0.01	< 10	< 10	14	< 10	2330
T31517	255 292	< 0.01	6	840	76	< 2	2	9	< 0.01	< 10	< 10	19	< 10	1310

CERTIFICATION:

Hart Bickler



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

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Page No. : 1-A
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Certificate Date: 29-JUL-93
Invoice No. : 19317854
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CERTIFICATE OF ANALYSIS

A9317854

SAMPLE	PREP CODE	Ag g/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 %
T18212	258 292	6.0	0.01	0.12	0.48	6.0	0.75	300	10	< 0.5	10	0.49	< 0.5	12	< 1	124	>15.00	< 10	< 1	0.13
T18216	258 292	< 0.3	< 0.01	0.01	0.01	1.0	0.22	64	< 10	< 0.5	11	>15.00	< 0.5	< 1	< 1	6	1.21	< 10	< 1	0.19
T18217	258 292	1.7	< 0.01	0.05	0.75	2.0	0.13	64	< 10	< 0.5	< 10	>15.00	21.0	6	9	13	7.11	< 10	1	0.05
T18219	258 292	5.3	0.01	0.31	5.02	6.0	0.13	60	< 10	< 0.5	10	>15.00	>100.0	4	5	90	3.61	< 10	7	0.07
T18220	258 292	17.0	0.01	2.49	12.30	18.0	0.24	84	< 10	< 0.5	< 10	10.50	>100.0	11	14	97	10.55	< 10	16	0.10
T18222	258 292	66.4	< 0.01	2.89	14.90	66.0	0.17	76	< 10	< 0.5	< 10	8.91	>100.0	13	12	48	5.05	< 10	85	0.10
T18223	258 292	2.4	< 0.01	0.06	0.14	3.0	0.26	48	10	< 0.5	14	3.11	7.5	7	86	11	7.36	< 10	< 1	0.25
T18224	258 292	5.1	0.01	0.05	8.62	7.0	0.38	34	10	< 0.5	< 10	2.60	>100.0	12	84	117	3.60	< 10	58	0.36
T31490	258 292	4.0	< 0.01	2.52	1.97	4.0	0.52	114	20	< 0.5	< 10	12.35	34.0	6	47	12	4.13	< 10	< 1	0.49
T31491	258 292	1.6	0.01	0.76	2.42	3.0	0.81	86	30	< 0.5	< 10	12.20	56.5	6	73	106	4.06	< 10	< 1	0.80
T31494	258 292	0.5	< 0.01	0.06	2.61	1.0	0.60	36	10	< 0.5	15	13.30	36.5	6	24	18	4.90	< 10	< 1	0.38
T31495	258 292	0.7	< 0.01	0.06	0.25	1.0	1.62	188	40	< 0.5	10	3.43	2.0	9	109	42	11.85	< 10	< 1	0.95
T31499	258 292	1.4	0.02	0.34	1.69	2.0	1.00	90	30	< 0.5	< 10	11.60	25.5	6	59	179	4.30	< 10	< 1	0.75
T31501	258 292	0.4	< 0.01	0.29	2.39	1.0	0.85	68	10	< 0.5	< 10	8.37	39.5	8	22	44	>15.00	< 10	< 1	0.21
T31505	258 292	7.9	4.92	< 0.01	0.09	9.0	0.14	970	< 10	< 0.5	13	>15.00	1.0	5	< 1	>10000	7.76	< 10	< 1	0.01
T31506	258 292	< 0.3	0.03	0.01	1.45	1.0	1.22	344	< 10	< 0.5	< 10	1.08	6.5	8	68	325	>15.00	< 10	< 1	0.01
T31508	258 292	0.8	0.01	< 0.01	1.57	< 1.0	1.26	254	< 10	< 0.5	< 10	1.03	10.0	11	60	165	>15.00	< 10	< 1	0.02
T31512	258 292	3.8	0.01	0.45	2.39	4.0	1.21	46	< 10	< 0.5	< 10	2.33	44.0	14	91	88	14.15	< 10	< 1	0.12
T31516	258 292	1.4	0.03	0.02	3.03	1.0	1.38	78	< 10	< 0.5	< 10	4.51	47.5	8	31	310	>15.00	< 10	3	0.13

CERTIFICATION:

Hart Bickler



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Project: WP
Comments: CC: ERIC FINLAYSON

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Invoice No. : I9317854
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Account : F

CERTIFICATE OF ANALYSIS

A9317854

SAMPLE	PREP CODE	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T18212	258 292	10	0.40	725	4	0.01	62	140	1140	26	4	1	< 0.01	< 10	< 10	10	< 10	4940
T18216	258 292	< 10	10.30	1130	< 1	0.03	< 1	250	82	6	3	12	< 0.01	< 10	< 10	8	< 10	184
T18217	258 292	< 10	8.83	1135	1	0.03	1	100	388	2	2	10	< 0.01	< 10	< 10	4	< 10	7100
T18219	258 292	< 10	8.76	1445	< 1	0.03	8	80	2640	< 2	2	14	< 0.01	< 10	< 10	3	10	>10000
T18220	258 292	< 10	5.98	840	2	0.03	11	130	>10000	< 2	2	12	< 0.01	< 10	< 10	4	< 10	>10000
T18222	258 292	< 10	5.03	735	< 1	0.03	16	120	>10000	14	2	7	< 0.01	< 10	< 10	5	< 10	>10000
T18223	258 292	< 10	1.59	195	< 1	0.02	7	150	418	8	2	5	< 0.01	< 10	< 10	6	< 10	1590
T18224	258 292	< 10	1.65	190	< 1	0.02	12	100	428	< 2	3	4	< 0.01	< 10	< 10	11	< 10	>10000
T31490	258 292	< 10	7.08	1045	1	0.02	8	780	>10000	4	3	10	< 0.01	< 10	< 10	42	< 10	>10000
T31491	258 292	< 10	7.04	1065	2	0.03	7	590	7200	< 2	4	10	0.01	< 10	< 10	49	< 10	>10000
T31494	258 292	< 10	6.84	1155	< 1	0.02	4	720	452	< 2	3	11	< 0.01	< 10	< 10	35	< 10	>10000
T31495	258 292	< 10	2.90	365	3	0.02	24	2780	504	2	3	5	0.01	< 10	< 10	106	< 10	2850
T31499	258 292	< 10	7.08	1130	3	0.02	11	890	2940	< 2	3	10	0.01	< 10	< 10	60	< 10	>10000
T31501	258 292	< 10	4.65	5620	1	0.02	3	630	2620	< 2	3	12	0.01	< 10	< 10	41	20	>10000
T31505	258 292	< 10	8.19	4040	1	0.02	< 1	260	90	8	2	13	< 0.01	< 10	< 10	4	< 10	802
T31506	258 292	< 10	1.55	2420	5	0.02	39	790	160	16	5	1	0.01	< 10	< 10	58	< 10	>10000
T31508	258 292	< 10	1.97	3730	3	0.01	35	920	46	12	4	1	< 0.01	< 10	< 10	57	< 10	>10000
T31512	258 292	< 10	2.34	1880	< 1	0.01	50	1340	4210	< 2	3	3	0.01	< 10	< 10	52	< 10	>10000
T31516	258 292	< 10	3.37	3190	4	0.02	1	1920	164	< 2	2	4	0.01	< 10	< 10	27	20	>10000

CERTIFICATION: *Hart Bickler*



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

P.O. BOX 4127
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Project : WP (JOLI)
Comments: CC: ERIC FINLAYSON

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CERTIFICATE OF ANALYSIS

A9318996

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
T 32608	205 274	10.2	0.10	1210	10	< 0.5	2	0.11	2.5	2	19	237	>15.00	< 10	7	0.08	< 10	0.07	140	15
T 32611	205 274	0.2	1.02	18	40	< 0.5	< 2	2.20	3.0	6	25	15	2.30	< 10	< 1	0.72	20	1.54	260	< 1
T 32612	205 274	< 0.2	0.24	< 2	< 10	< 0.5	< 2	14.80	0.5	< 1	24	12	1.13	< 10	< 1	0.03	< 10	10.00	935	1
T 32613	205 274	< 0.2	0.20	4	10	< 0.5	< 2	14.45	0.5	1	17	11	2.50	< 10	< 1	0.13	< 10	9.52	670	< 1
T 32614	205 274	0.4	0.25	40	10	< 0.5	6	0.29	< 0.5	2	173	7	5.76	< 10	< 1	0.20	< 10	0.16	30	4

CERTIFICATION:

Mark Vornh



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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
T 32608	205 274	< 0.01	8	80	4050	54	3	1	< 0.01	< 10	< 10	18	< 10	3680
T 32611	205 274	< 0.01	12	260	80	2	5	6	< 0.01	< 10	10	10	< 10	824
T 32612	205 274	0.02	2	10	32	2	1	23	< 0.01	< 10	< 10	15	< 10	232
T 32613	205 274	0.01	3	460	12	< 2	2	19	< 0.01	< 10	< 10	12	< 10	954
T 32614	205 274	< 0.01	9	100	52	4	< 1	1	< 0.01	< 10	< 10	7	< 10	138

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Mark Vink



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CERTIFICATE OF ANALYSIS

A9318997

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NO-25
Joli

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 %
T 32601	208	274	0.01	0.01	< 0.01	0.02	2.2	2.56	12	< 10	2.0	< 2	2.55	< 0.5	15	42	113	>15.00	10	2	0.29
T 32609	208	274	0.21	< 0.01	0.23	2.36	8.4	0.35	168	< 10	1.0	2	7.54	38.5	6	46	14	>15.00	< 10	9	0.04
T 32610	208	274	0.32	< 0.01	0.40	0.96	11.4	0.21	208	< 10	0.5	< 2	7.59	16.5	3	107	5	>15.00	< 10	6	0.06

CERTIFICATION:

Jan Bickler



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Project: WP (JOLI)
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CERTIFICATE OF ANALYSIS

A9318997

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
T 32601	208	274	30	4.46	4150	< 1	0.01	39	310	30	< 2	4	5	0.02	< 10	< 10	68	50	118
T 32609	208	274	20	3.99	570	3	0.02	34	30	1895	2	2	9	< 0.01	< 10	< 10	19	50	>10000
T 32610	208	274	20	4.10	575	2	0.02	24	40	3550	16	1	12	< 0.01	< 10	< 10	5	40	9250

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Hart Bichler



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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 %
T 32601	208 274	0.01	0.01	< 0.01	0.02	2.2	2.56	12	< 10	2.0	< 2	2.55	< 0.5	15	42	113	>15.00	10	2	0.29
T 32609	208 274	0.21	< 0.01	0.23	2.36	8.4	0.35	168	< 10	1.0	2	7.54	38.5	6	46	14	>15.00	< 10	9	0.04
T 32610	208 274	0.32	< 0.01	0.40	0.96	11.4	0.21	208	< 10	0.5	< 2	7.59	16.5	3	107	5	>15.00	< 10	6	0.06

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SAMPLE	PREP CODE		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 32601	208	274	30	4.46	4150	< 1	0.01	39	310	30	< 2	4	5	0.02	< 10	< 10	68	50	118
T 32609	208	274	20	3.99	570	3	0.02	34	30	1895	2	2	9	< 0.01	< 10	< 10	19	50	>10000
T 32610	208	274	20	4.10	575	2	0.02	24	40	3550	16	1	12	< 0.01	< 10	< 10	5	40	9250

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P.O. Number :
Account :

Project: WP - JOLI
Comments: CC: ERIC FINLAYSON

CERTIFICATE OF ANALYSIS

A9317502

SAMPLE DESCRIPTION	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
F18181	201 229	0.4	0.73	14	80	1.0	2	6.42	1.5	17	17	37	3.01	< 10	2	0.15	10	4.42	1075	1
F18182	201 229	0.4	0.83	8	70	1.0	4	5.96	1.0	14	16	33	3.10	< 10	< 1	0.13	10	4.20	1435	< 1
F18183	201 229	0.4	0.57	18	50	0.5	2	8.23	1.5	12	17	29	2.29	< 10	< 1	0.10	10	5.52	850	1
F18184	201 229	0.2	0.66	8	90	< 0.5	2	5.97	0.5	9	18	28	2.02	< 10	< 1	0.08	10	3.94	600	< 1
F18185	201 229	0.2	0.76	< 2	110	0.5	< 2	4.73	1.0	7	22	30	1.97	< 10	< 1	0.09	10	3.12	525	< 1
F18186	201 229	0.2	0.48	14	50	0.5	4	10.30	0.5	7	13	24	1.95	< 10	< 1	0.08	10	6.84	790	1
F18187	201 229	0.2	0.65	8	90	< 0.5	< 2	5.89	0.5	6	18	25	1.85	< 10	< 1	0.08	10	3.85	535	1
F33028	201 229	4.4	0.29	146	10	< 0.5	< 2	7.21	9.5	6	10	228	>15.00	< 10	< 1	0.02	< 10	5.09	795	13
F33029	201 229	6.6	0.11	134	10	< 0.5	< 2	6.92	7.5	7	8	40	14.75	< 10	< 1	0.03	< 10	4.52	1155	10
F33030	201 229	5.8	0.11	126	10	< 0.5	< 2	5.99	19.5	16	8	90	>15.00	< 10	< 1	0.04	< 10	3.90	3800	1
F33031	201 229	5.2	0.10	112	10	< 0.5	2	6.89	14.5	15	8	54	14.30	< 10	< 1	0.03	< 10	4.46	3150	7
F33032	201 229	7.0	0.15	120	10	< 0.5	< 2	5.89	14.0	13	8	61	14.55	< 10	< 1	0.06	< 10	3.88	2450	5
F33033	201 229	4.6	0.15	106	20	< 0.5	< 2	7.04	15.5	17	8	65	13.65	< 10	< 1	0.04	< 10	4.62	3530	3
F33034	201 229	3.0	0.20	96	20	< 0.5	< 2	7.83	12.0	17	9	63	11.50	< 10	< 1	0.05	< 10	5.15	3710	2
F33035	201 229	3.4	0.26	86	30	< 0.5	< 2	7.27	12.5	15	9	64	11.45	< 10	< 1	0.06	< 10	4.69	2940	3
F33036	201 229	2.2	0.35	56	20	< 0.5	< 2	8.21	4.5	9	10	48	8.22	< 10	< 1	0.08	< 10	5.42	1580	1
F33037	201 229	2.6	0.30	80	30	< 0.5	< 2	7.84	9.0	14	10	55	9.65	< 10	< 1	0.07	< 10	4.89	2300	1
F33038	201 229	0.4	0.43	24	30	0.5	< 2	7.00	1.0	9	11	45	4.34	< 10	< 1	0.09	< 10	4.51	1135	< 1
F33039	201 229	0.4	0.22	12	40	< 0.5	< 2	12.65	0.5	5	10	44	3.06	< 10	< 1	0.01	< 10	8.31	2220	4
F33040	201 229	0.8	0.17	22	60	< 0.5	< 2	12.60	0.5	6	9	65	4.54	< 10	< 1	0.01	< 10	8.24	2360	3
F33041	201 229	1.0	0.16	20	30	< 0.5	2	12.20	3.0	4	8	56	3.57	< 10	< 1	0.01	< 10	8.00	2000	3
F33202	201 229	0.2	0.72	6	60	0.5	< 2	6.55	1.0	9	17	44	1.94	< 10	< 1	0.10	10	4.14	385	6
F33203	201 229	0.2	0.80	6	40	0.5	4	6.23	1.0	10	17	47	2.06	< 10	< 1	0.12	10	3.78	410	7
F33204	201 229	0.2	0.79	14	60	0.5	4	7.10	0.5	8	18	47	1.98	< 10	< 1	0.12	10	4.25	360	7
F33205	201 229	0.2	0.82	14	30	0.5	6	5.97	0.5	9	20	39	1.94	< 10	< 1	0.11	20	4.16	325	4
F33206	201 229	0.2	0.78	12	30	0.5	2	6.72	1.0	8	20	46	2.15	< 10	< 1	0.12	20	4.47	430	6
F33207	201 229	0.2	0.86	8	30	0.5	< 2	5.00	1.0	12	16	56	2.18	< 10	< 1	0.13	20	3.55	440	7
F33208	201 229	0.2	0.70	6	20	0.5	2	6.94	< 0.5	6	17	31	1.66	< 10	< 1	0.11	20	4.77	320	6
F33209	201 229	0.2	1.01	16	40	1.0	< 2	4.41	1.0	14	18	64	2.49	< 10	< 1	0.18	20	3.30	635	10
F33210	201 229	0.2	1.07	18	30	1.0	4	3.76	1.5	13	16	68	2.55	< 10	< 1	0.20	20	2.92	455	9
F33211	201 229	0.2	0.91	6	20	0.5	< 2	4.87	1.0	9	15	52	2.03	< 10	< 1	0.20	20	3.52	355	7
F33212	201 229	0.4	0.95	4	20	1.0	2	5.36	0.5	10	22	47	2.03	< 10	2	0.20	20	3.84	335	5
F33213	201 229	0.2	0.31	< 2	20	0.5	2	6.19	< 0.5	8	9	38	1.29	< 10	1	0.15	20	3.71	240	6

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

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Project: WP
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Total Pages 1
Certificate Date 25-JUL-93
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CERTIFICATE OF ANALYSIS

A9317502

SAMPLE DESCRIPTION	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
F18181	201 229	0.01	20	450	198	4	7	13	0.01	< 10	< 10	23	20	674
F18182	201 229	0.01	18	510	128	2	6	12	< 0.01	< 10	< 10	22	20	414
F18183	201 229	0.01	18	430	350	< 2	4	16	0.01	< 10	< 10	22	20	1440
F18184	201 229	0.01	18	630	166	2	3	22	0.02	< 10	< 10	29	20	650
F18185	201 229	0.03	19	810	136	2	3	25	0.03	< 10	< 10	33	10	460
F18186	201 229	0.01	12	310	150	2	3	18	< 0.01	< 10	< 10	18	20	318
F18187	201 229	0.01	15	630	114	< 2	3	22	0.03	< 10	< 10	28	10	410
F33028	201 229	0.01	23	140	1685	2	3	13	< 0.01	< 10	< 10	21	90	4810
F33029	201 229	0.01	19	140	2040	6	2	12	< 0.01	< 10	< 10	17	80	3190
F33030	201 229	0.01	48	200	1390	2	3	10	< 0.01	< 10	< 10	16	90	6180
F33031	201 229	0.01	37	130	1440	< 2	2	12	< 0.01	< 10	< 10	16	80	5310
F33032	201 229	0.01	35	180	2030	2	3	10	< 0.01	< 10	< 10	17	90	5180
F33033	201 229	0.01	52	190	1285	< 2	3	13	< 0.01	< 10	< 10	16	90	5730
F33034	201 229	0.01	50	190	856	2	3	16	< 0.01	< 10	< 10	16	90	4790
F33035	201 229	0.01	45	210	994	< 2	3	18	< 0.01	< 10	< 10	16	70	4710
F33036	201 229	0.01	23	250	494	4	3	17	< 0.01	< 10	< 10	15	60	1775
F33037	201 229	0.01	36	250	762	< 2	3	19	< 0.01	< 10	< 10	15	70	3600
F33038	201 229	0.01	15	370	82	4	3	17	< 0.01	< 10	< 10	11	30	508
F33039	201 229	0.01	13	210	70	4	2	21	< 0.01	< 10	< 10	19	40	248
F33040	201 229	0.01	17	190	148	6	1	19	< 0.01	< 10	< 10	18	40	344
F33041	201 229	0.01	13	210	716	< 2	1	19	< 0.01	< 10	< 10	15	40	2270
F33202	201 229	< 0.01	35	650	34	4	3	22	< 0.01	< 10	< 10	30	10	230
F33203	201 229	0.01	36	670	48	4	3	22	< 0.01	< 10	< 10	33	10	206
F33204	201 229	0.01	38	650	36	< 2	3	23	< 0.01	< 10	< 10	34	10	198
F33205	201 229	0.01	34	600	34	2	4	22	< 0.01	< 10	< 10	40	10	116
F33206	201 229	0.01	36	680	34	2	4	23	< 0.01	< 10	< 10	39	20	120
F33207	201 229	< 0.01	43	730	32	2	4	17	< 0.01	< 10	< 10	34	10	140
F33208	201 229	0.01	26	540	30	2	4	21	< 0.01	< 10	< 10	34	10	74
F33209	201 229	< 0.01	58	800	36	4	5	17	< 0.01	< 10	< 10	40	10	162
F33210	201 229	< 0.01	56	850	34	4	4	16	< 0.01	< 10	< 10	40	10	184
F33211	201 229	< 0.01	39	680	30	4	4	18	< 0.01	< 10	< 10	39	10	126
F33212	201 229	0.01	37	630	36	2	5	18	< 0.01	< 10	< 10	46	10	108
F33213	201 229	0.01	29	590	24	4	5	20	< 0.01	< 10	< 10	22	10	44

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

Project: WP-JOLI
Comments: CC: E. FINLAYSON

Page No. 1-A
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Certificate Date: 09-AUG-93
Invoice No.: I9318049
P.O. Number:
Account: F

CERTIFICATE OF ANALYSIS

A9318049

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
T 31352	201 229	1.0	0.46	20	40	< 0.5	< 2	7.13	2.5	7	12	30	5.02	< 10	< 1	0.07	10	4.73	775	< 1
T 31353	201 229	0.6	0.75	18	60	< 0.5	< 2	3.36	0.5	15	16	35	5.15	< 10	< 1	0.11	10	2.41	810	< 1
T 31354	201 229	0.4	0.84	16	70	< 0.5	< 2	1.37	0.5	12	18	32	4.81	< 10	< 1	0.11	20	1.11	935	< 1
T 31355	201 229	0.8	0.23	30	40	< 0.5	< 2	7.52	1.0	13	9	44	7.29	< 10	< 1	0.05	< 10	4.91	705	< 1
T 31356	201 229	1.6	0.85	32	60	< 0.5	< 2	2.68	6.0	26	18	74	7.76	< 10	< 1	0.13	20	2.16	1420	1
T 31357	201 229	0.6	0.78	20	90	< 0.5	< 2	3.67	< 0.5	22	16	48	4.81	< 10	< 1	0.10	20	2.34	1550	2
T 31358	201 229	< 0.2	1.08	4	120	< 0.5	< 2	0.91	0.5	13	18	26	4.36	< 10	< 1	0.13	20	0.60	1925	1
T 31359	201 229	0.8	0.36	8	20	< 0.5	< 2	9.99	1.0	8	11	18	4.41	< 10	< 1	0.12	< 10	6.67	700	< 1
T 31360	201 229	1.6	0.55	42	30	< 0.5	< 2	8.51	0.5	9	10	27	7.37	< 10	< 1	0.16	< 10	6.17	755	< 1
T 31361	201 229	< 0.2	1.50	< 2	140	< 0.5	< 2	0.51	0.5	17	21	22	3.89	< 10	< 1	0.13	20	0.81	1710	< 1
T 31362	201 229	0.8	0.46	8	30	< 0.5	< 2	8.04	0.5	11	12	28	4.19	< 10	< 1	0.21	< 10	5.42	690	< 1
T 31363	201 229	0.2	1.65	6	100	< 0.5	< 2	0.91	0.5	14	23	40	4.21	< 10	< 1	0.20	20	1.49	1090	< 1
T 31364	201 229	< 0.2	1.70	< 2	130	< 0.5	< 2	0.71	0.5	17	24	32	4.34	< 10	< 1	0.23	30	1.40	1800	< 1
T 31365	201 229	< 0.2	1.62	< 2	110	< 0.5	< 2	1.12	0.5	16	23	36	3.63	< 10	< 1	0.21	20	1.47	1315	1
T 31366	201 229	1.4	0.75	16	90	< 0.5	< 2	5.65	1.0	13	15	36	5.52	< 10	< 1	0.20	10	4.05	1170	< 1
T 31367	201 229	0.4	1.64	8	160	< 0.5	< 2	0.95	1.0	26	27	38	4.52	< 10	< 1	0.20	30	1.44	1735	< 1
T 31368	201 229	1.0	0.64	20	70	< 0.5	< 2	7.01	1.0	10	11	24	4.31	< 10	< 1	0.10	10	4.78	1015	< 1
T 31369	201 229	0.6	1.13	12	110	< 0.5	< 2	2.81	1.0	15	20	36	5.14	< 10	< 1	0.15	10	2.11	1950	< 1
T 31370	201 229	0.6	1.24	14	100	< 0.5	< 2	2.38	2.5	15	21	43	4.91	< 10	< 1	0.15	20	2.04	1055	< 1
T 31371	201 229	1.2	0.14	44	20	< 0.5	< 2	11.90	2.5	4	10	24	5.72	< 10	< 1	0.02	< 10	7.95	650	< 1
T 31372	201 229	1.6	0.14	50	20	< 0.5	< 2	11.90	2.5	4	11	25	5.98	< 10	< 1	0.02	< 10	8.00	665	< 1
T 31400	201 229	0.2	0.66	12	50	< 0.5	< 2	6.87	1.0	14	15	29	2.54	< 10	< 1	0.11	10	4.70	940	< 1
T 31401	201 229	0.4	0.65	24	70	< 0.5	< 2	5.66	0.5	15	14	35	3.57	< 10	< 1	0.15	10	3.75	1505	< 1
T 31402	201 229	1.8	0.73	38	60	< 0.5	< 2	5.90	2.0	13	14	48	3.03	< 10	< 1	0.11	10	3.95	1590	< 1
T 31403	201 229	0.2	0.36	6	50	< 0.5	< 2	8.31	0.5	12	12	33	2.47	< 10	< 1	0.06	10	5.31	1520	< 1
T 31404	201 229	0.2	0.51	6	60	< 0.5	< 2	6.03	0.5	12	12	41	2.44	< 10	< 1	0.07	10	3.87	1055	< 1
T 31405	201 229	0.2	0.63	10	40	< 0.5	< 2	5.16	0.5	11	14	23	2.22	< 10	< 1	0.08	10	3.47	660	< 1
T 31406	201 229	< 0.2	1.10	< 2	80	< 0.5	< 2	1.51	0.5	14	19	32	2.84	< 10	< 1	0.09	20	1.56	735	1
T 31407	201 229	< 0.2	1.85	< 2	70	< 0.5	< 2	0.51	0.5	15	23	49	3.86	< 10	< 1	0.14	30	1.75	960	< 1
T 31408	201 229	0.2	1.32	< 2	90	< 0.5	< 2	0.47	0.5	16	17	47	3.74	< 10	< 1	0.21	30	1.07	1290	< 1
T 31409	201 229	2.2	0.30	64	60	< 0.5	< 2	6.63	2.5	11	12	58	8.97	< 10	< 1	0.04	10	4.33	1580	< 1
T 31410	201 229	3.0	0.09	90	30	< 0.5	< 2	7.99	3.0	8	8	52	>15.00	< 10	< 1	0.04	< 10	4.78	1950	< 1
T 31411	201 229	1.4	0.31	54	40	< 0.5	< 2	7.89	1.5	11	14	53	6.75	< 10	< 1	0.03	< 10	5.17	1165	< 1
T 31412	201 229	5.8	0.15	120	30	< 0.5	< 2	6.38	3.0	9	11	58	>15.00	< 10	< 1	0.04	< 10	4.08	1570	< 1
T 31413	201 229	6.8	0.20	156	40	< 0.5	< 2	3.31	1.5	13	10	70	>15.00	10	< 1	0.07	10	2.28	1365	< 1
T 31414	201 229	7.2	0.16	156	40	< 0.5	< 2	3.88	6.5	10	8	95	>15.00	10	< 1	0.06	< 10	2.62	1090	< 1
T 31415	201 229	4.2	0.15	130	140	< 0.5	< 2	3.67	17.0	16	8	80	>15.00	10	< 1	0.06	10	2.35	2090	< 1
T 31416	201 229	1.6	0.21	8	10	< 0.5	< 2	3.93	2.0	16	6	29	>15.00	10	< 1	0.03	10	2.14	2260	< 1
T 31417	201 229	3.2	0.53	42	40	< 0.5	< 2	5.91	2.0	17	13	63	11.25	< 10	< 1	0.15	< 10	4.34	815	< 1
T 31418	201 229	1.2	0.48	18	40	< 0.5	< 2	6.45	3.0	11	10	45	4.26	< 10	< 1	0.10	10	4.19	1115	< 1

CERTIFICATION:

Hart Bickler

File: Wmcke Assays - Jolly



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CERTIFICATE OF ANALYSIS

A9318049

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
T 31352	201	229	0.01	15	370	372	< 2	4	13	< 0.01	< 10	< 10	18	< 10	1480
T 31353	201	229	< 0.01	25	520	162	2	7	10	0.01	< 10	< 10	25	< 10	332
T 31354	201	229	< 0.01	22	640	122	< 2	6	7	0.01	< 10	< 10	28	< 10	366
T 31355	201	229	0.01	24	280	460	2	2	12	< 0.01	< 10	< 10	14	< 10	752
T 31356	201	229	< 0.01	49	700	360	< 2	11	8	0.01	< 10	< 10	32	< 10	3190
T 31357	201	229	0.01	39	790	118	2	5	10	0.01	< 10	< 10	28	< 10	234
T 31358	201	229	< 0.01	20	1260	106	< 2	8	7	0.01	< 10	< 10	36	< 10	262
T 31359	201	229	0.01	19	320	492	< 2	2	11	< 0.01	< 10	< 10	15	< 10	408
T 31360	201	229	0.01	38	280	400	< 2	3	11	< 0.01	< 10	< 10	17	< 10	624
T 31361	201	229	< 0.01	19	730	40	< 2	7	8	0.02	< 10	< 10	36	< 10	194
T 31362	201	229	0.01	23	390	390	< 2	3	12	< 0.01	< 10	< 10	16	< 10	304
T 31363	201	229	< 0.01	27	620	160	< 2	9	7	0.02	< 10	< 10	35	< 10	234
T 31364	201	229	< 0.01	23	700	122	2	9	7	0.01	< 10	< 10	36	< 10	238
T 31365	201	229	< 0.01	23	590	110	< 2	8	9	0.02	< 10	< 10	39	< 10	350
T 31366	201	229	0.01	29	570	210	4	4	10	0.01	< 10	< 10	23	< 10	504
T 31367	201	229	< 0.01	31	520	226	< 2	11	7	0.01	< 10	< 10	45	< 10	574
T 31368	201	229	0.01	23	470	276	4	3	11	0.01	< 10	< 10	20	< 10	536
T 31369	201	229	< 0.01	27	780	182	< 2	5	9	0.01	< 10	< 10	32	< 10	470
T 31370	201	229	< 0.01	26	710	216	< 2	7	10	0.02	< 10	< 10	32	< 10	1285
T 31371	201	229	0.01	12	160	490	< 2	1	17	< 0.01	< 10	< 10	13	< 10	1630
T 31372	201	229	0.01	12	170	514	< 2	1	17	< 0.01	< 10	< 10	13	< 10	1710
T 31400	201	229	0.01	22	400	126	< 2	4	13	0.01	< 10	< 10	23	< 10	930
T 31401	201	229	0.01	20	520	130	< 2	6	12	0.01	< 10	< 10	21	< 10	304
T 31402	201	229	0.01	20	530	1545	< 2	4	14	0.01	< 10	< 10	22	< 10	1065
T 31403	201	229	0.01	16	330	412	< 2	4	16	< 0.01	< 10	< 10	17	< 10	208
T 31404	201	229	0.01	17	430	98	< 2	4	15	0.01	< 10	< 10	20	< 10	170
T 31405	201	229	0.01	19	500	802	< 2	4	13	0.01	< 10	< 10	23	< 10	288
T 31406	201	229	< 0.01	21	620	78	< 2	6	9	0.02	< 10	< 10	28	< 10	184
T 31407	201	229	< 0.01	21	980	72	< 2	9	6	0.01	< 10	< 10	26	< 10	144
T 31408	201	229	< 0.01	21	770	104	< 2	8	6	0.01	< 10	< 10	28	< 10	238
T 31409	201	229	0.01	24	220	476	6	3	13	0.01	< 10	< 10	18	< 10	1255
T 31410	201	229	0.01	27	100	862	6	2	10	< 0.01	< 10	< 10	13	< 10	1540
T 31411	201	229	0.01	22	250	236	2	3	17	0.01	< 10	< 10	20	< 10	642
T 31412	201	229	0.01	31	210	730	12	3	11	< 0.01	< 10	< 10	16	< 10	1225
T 31413	201	229	< 0.01	34	230	756	14	4	7	< 0.01	< 10	< 10	16	< 10	844
T 31414	201	229	< 0.01	27	190	3910	2	3	7	< 0.01	< 10	< 10	13	< 10	5260
T 31415	201	229	< 0.01	43	240	816	< 2	4	7	< 0.01	< 10	< 10	15	< 10	6720
T 31416	201	229	< 0.01	49	180	472	2	4	7	< 0.01	< 10	< 10	14	< 10	432
T 31417	201	229	0.01	38	450	516	2	3	10	< 0.01	< 10	< 10	17	< 10	2050
T 31418	201	229	0.01	25	420	196	2	4	11	< 0.01	< 10	< 10	18	< 10	1730

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
T 31419	201	229	0.8	1.39	16	80	< 0.5	< 2	0.85	1.5	14	23	33	5.33	< 10	< 1	0.14	20	1.23	1320	< 1
T 31420	201	229	0.6	1.34	16	100	< 0.5	< 2	0.42	0.5	16	22	36	4.52	< 10	< 1	0.14	20	0.80	1205	< 1
T 31421	201	229	19.0	0.25	170	20	< 0.5	8	0.23	0.5	8	8	25	>15.00	< 10	< 1	0.45	< 10	0.42	940	2
T 31422	201	229	1.4	0.33	24	10	< 0.5	4	6.78	1.5	14	9	45	9.43	< 10	< 1	0.09	< 10	4.81	940	< 1
T 31423	201	229	5.0	0.16	80	10	< 0.5	12	7.41	5.0	14	8	38	13.05	< 10	< 1	0.12	< 10	5.17	1160	< 1
T 31424	201	229	67.6	0.05	840	10	< 0.5	8	0.08	8.5	6	7	143	>15.00	< 10	18	0.17	< 10	0.12	485	16
T 31425	201	229	0.6	0.55	48	80	< 0.5	< 2	4.92	1.5	18	13	49	4.08	< 10	1	0.09	10	3.29	1650	1
T 31426	201	229	3.6	0.49	56	30	< 0.5	< 2	5.13	7.0	9	12	41	10.25	< 10	< 1	0.09	10	3.75	1360	< 1
T 31427	201	229	2.4	0.24	96	10	< 0.5	< 2	9.23	5.0	7	12	104	3.92	< 10	< 1	0.05	< 10	6.34	1025	1
T 31428	201	229	3.8	0.23	54	20	< 0.5	< 2	7.56	9.0	10	11	65	6.54	< 10	1	0.14	< 10	5.16	945	< 1
T 31429	201	229	2.4	0.38	82	50	< 0.5	< 2	7.66	4.0	17	11	157	6.65	< 10	< 1	0.14	10	5.12	2200	< 1
T 31430	201	229	9.8	0.12	88	20	< 0.5	< 2	8.09	19.0	8	10	56	12.30	< 10	3	0.03	< 10	5.71	905	< 1
T 31431	201	229	3.8	0.10	84	20	< 0.5	4	7.10	15.5	6	10	111	13.35	< 10	1	0.03	< 10	4.96	795	< 1
T 31432	201	229	0.8	0.24	26	30	< 0.5	2	8.95	3.0	7	12	29	9.11	< 10	< 1	0.03	< 10	6.29	585	< 1
T 31433	201	229	51.6	0.04	136	10	< 0.5	8	7.44	10.0	4	7	95	15.00	< 10	63	0.26	< 10	0.82	145	< 1
T 31434	201	229	4.2	0.25	56	10	< 0.5	18	3.82	49.5	14	12	109	>15.00	< 10	17	0.16	< 10	2.79	940	< 1
T 31435	201	229	1.4	0.42	46	30	< 0.5	< 2	6.56	4.0	15	13	54	8.04	< 10	< 1	0.13	10	4.73	780	< 1
T 31436	201	229	1.2	1.08	24	150	< 0.5	< 2	3.78	1.0	16	21	40	4.74	< 10	< 1	0.14	10	2.89	905	< 1
T 31437	201	229	< 0.2	1.49	20	110	< 0.5	< 2	1.92	0.5	15	28	34	4.06	< 10	< 1	0.19	20	2.39	3090	1
T 31438	201	229	< 0.2	1.91	2	80	< 0.5	< 2	1.60	0.5	13	27	33	3.26	< 10	< 1	0.13	20	2.11	905	< 1
T 31439	201	229	0.6	0.63	22	30	< 0.5	< 2	7.08	1.0	11	14	29	3.91	< 10	< 1	0.19	10	5.20	930	< 1
T 31440	201	229	0.2	1.21	6	100	< 0.5	< 2	1.40	1.5	16	18	48	5.59	< 10	< 1	0.24	20	1.31	1955	< 1
T 31441	201	229	0.2	0.76	6	80	< 0.5	< 2	3.78	1.0	12	13	54	4.76	< 10	< 1	0.29	10	2.91	1435	< 1
T 31442	201	229	0.2	1.49	< 2	100	< 0.5	< 2	1.04	0.5	13	23	70	3.69	< 10	< 1	0.22	20	1.35	1055	< 1
T 31443	201	229	0.2	0.56	14	30	< 0.5	< 2	7.67	0.5	9	14	38	3.77	< 10	< 1	0.32	10	5.55	675	< 1
T 31444	201	229	0.2	0.60	6	30	< 0.5	< 2	6.00	0.5	8	14	25	2.94	< 10	< 1	0.22	10	4.23	845	< 1
T 31445	201	229	0.8	0.39	12	30	< 0.5	< 2	6.93	2.0	7	12	21	3.62	< 10	< 1	0.08	10	4.70	740	< 1
T 31446	201	229	0.2	0.86	12	80	< 0.5	< 2	5.31	1.0	10	18	31	3.48	< 10	< 1	0.12	10	3.79	805	< 1
T 31447	201	229	0.6	0.49	18	50	< 0.5	2	7.31	2.0	8	14	30	3.99	< 10	< 1	0.07	< 10	4.96	695	< 1
T 31448	201	229	1.0	0.46	50	40	< 0.5	4	7.45	1.0	11	12	59	5.94	< 10	< 1	0.09	< 10	5.18	1175	1
T 31449	201	229	< 0.2	1.63	8	130	< 0.5	< 2	0.69	< 0.5	13	26	32	3.68	< 10	< 1	0.12	20	0.92	1315	1
T 31450	201	229	< 0.2	1.41	14	120	< 0.5	< 2	1.59	0.5	13	22	35	4.08	< 10	< 1	0.11	20	1.36	1660	1
T 31451	201	229	0.2	1.00	< 2	120	< 0.5	< 2	3.48	1.0	10	20	34	3.27	< 10	< 1	0.09	10	2.59	1415	1
T 31452	201	229	< 0.2	1.11	20	140	< 0.5	< 2	1.62	< 0.5	12	18	38	4.31	< 10	< 1	0.08	10	1.28	2050	3
T 31453	201	229	< 0.2	0.63	16	160	< 0.5	< 2	6.19	< 0.5	10	14	37	3.05	< 10	< 1	0.06	10	4.26	2090	4
T 31454	201	229	< 0.2	0.28	8	60	< 0.5	< 2	11.90	0.5	4	10	16	2.05	< 10	< 1	0.02	< 10	8.21	1790	7
T 31455	201	229	0.8	0.06	10	10	< 0.5	< 2	14.15	1.5	2	8	9	4.02	< 10	< 1	0.02	< 10	9.67	1450	< 1
T 31456	201	229	< 0.2	0.30	12	60	< 0.5	< 2	12.65	< 0.5	4	10	11	2.34	< 10	< 1	0.02	< 10	8.45	2030	2
T 31457	201	229	< 0.2	1.08	12	100	< 0.5	< 2	3.86	0.5	12	22	52	3.26	< 10	< 1	0.09	10	2.90	1275	1
T 31458	201	229	0.4	1.27	10	150	< 0.5	< 2	2.66	1.0	12	24	55	3.90	< 10	< 1	0.12	10	1.94	1840	1

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

Project: WP-JOLI
Comments: CC: E. FINLAYSON

Page No. : 2-B
Total Pages : 7
Certificate Date: 09-AUG-93
Invoice No. : 19318049
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9318049

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
T 31419	201 229	< 0.01	32	520	188	< 2	8	8	0.02	< 10	< 10	38	< 10	1030
T 31420	201 229	< 0.01	33	510	148	< 2	7	10	0.02	< 10	< 10	41	< 10	462
T 31421	201 229	< 0.01	22	190	7160	18	3	2	< 0.01	< 10	< 10	11	< 10	818
T 31422	201 229	0.01	28	240	646	2	3	9	< 0.01	< 10	< 10	13	< 10	1545
T 31423	201 229	0.01	39	180	4000	4	3	10	< 0.01	< 10	< 10	13	< 10	2290
T 31424	201 229	< 0.01	14	90	>10000	38	3	2	< 0.01	< 10	< 10	9	< 10	>10000
T 31425	201 229	0.01	32	460	290	< 2	4	10	< 0.01	< 10	< 10	18	< 10	2070
T 31426	201 229	< 0.01	21	370	1395	< 2	3	8	< 0.01	< 10	< 10	19	< 10	3730
T 31427	201 229	0.01	17	200	662	< 2	2	13	< 0.01	< 10	< 10	13	< 10	3500
T 31428	201 229	0.01	25	240	474	2	2	11	< 0.01	< 10	< 10	12	< 10	3570
T 31429	201 229	0.01	30	250	812	< 2	4	15	< 0.01	< 10	< 10	15	< 10	3170
T 31430	201 229	0.01	13	100	3260	< 2	2	12	< 0.01	< 10	< 10	14	< 10	7520
T 31431	201 229	0.01	15	120	1675	< 2	2	11	< 0.01	< 10	< 10	14	< 10	6600
T 31432	201 229	0.01	16	150	608	2	2	13	< 0.01	< 10	< 10	16	< 10	1525
T 31433	201 229	0.04	7	40	>10000	8	1	29	< 0.01	< 10	< 10	9	< 10	8610
T 31434	201 229	< 0.01	36	40	3180	< 2	6	8	< 0.01	< 10	< 10	15	< 10	>10000
T 31435	201 229	0.01	27	300	964	2	4	12	< 0.01	< 10	< 10	16	< 10	2290
T 31436	201 229	0.01	32	560	240	< 2	4	17	0.02	< 10	< 10	32	< 10	608
T 31437	201 229	< 0.01	24	570	100	4	7	10	0.01	< 10	< 10	34	< 10	358
T 31438	201 229	< 0.01	25	600	68	2	9	15	0.02	< 10	< 10	35	< 10	184
T 31439	201 229	0.01	20	430	482	2	3	13	< 0.01	< 10	< 10	17	< 10	578
T 31440	201 229	< 0.01	24	970	106	2	7	10	0.01	< 10	< 10	28	< 10	694
T 31441	201 229	0.01	20	610	134	4	5	10	< 0.01	< 10	< 10	17	< 10	428
T 31442	201 229	< 0.01	22	750	56	2	8	10	0.02	< 10	< 10	33	< 10	214
T 31443	201 229	0.01	19	270	176	4	3	13	< 0.01	< 10	< 10	15	< 10	308
T 31444	201 229	0.01	13	450	132	2	4	9	< 0.01	< 10	< 10	17	< 10	242
T 31445	201 229	0.01	14	280	378	< 2	3	13	< 0.01	< 10	< 10	16	< 10	1015
T 31446	201 229	0.01	20	440	130	4	4	18	0.02	< 10	< 10	29	< 10	444
T 31447	201 229	0.01	14	310	274	2	3	16	0.01	< 10	< 10	20	< 10	1255
T 31448	201 229	0.01	21	330	314	4	3	18	< 0.01	< 10	< 10	16	< 10	782
T 31449	201 229	< 0.01	24	630	70	4	5	9	0.02	< 10	< 10	42	< 10	182
T 31450	201 229	< 0.01	19	730	64	2	6	10	0.01	< 10	< 10	35	< 10	324
T 31451	201 229	0.01	20	610	46	2	6	14	0.01	< 10	< 10	28	< 10	226
T 31452	201 229	< 0.01	18	700	60	2	6	8	< 0.01	< 10	< 10	29	< 10	218
T 31453	201 229	0.01	15	410	42	2	4	13	< 0.01	< 10	< 10	21	< 10	226
T 31454	201 229	0.01	11	150	34	< 2	1	16	< 0.01	< 10	< 10	29	< 10	172
T 31455	201 229	0.02	7	70	402	2	1	26	< 0.01	< 10	< 10	10	< 10	870
T 31456	201 229	0.01	10	270	62	< 2	1	19	< 0.01	< 10	< 10	19	< 10	144
T 31457	201 229	0.01	24	540	48	< 2	5	22	0.03	< 10	< 10	33	< 10	268
T 31458	201 229	0.01	26	690	66	2	6	15	0.02	< 10	< 10	36	< 10	326

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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
T 31459	201 229	< 0.2	1.39	2	120	< 0.5	4	2.43	1.0	11	24	35	3.27	< 10	< 1	0.13	10	1.96	1440	< 1
T 31460	201 229	< 0.2	1.48	28	140	< 0.5	< 2	0.78	2.0	13	23	50	6.66	< 10	< 1	0.09	30	0.83	4480	3
T 31461	201 229	0.4	0.65	22	60	< 0.5	< 2	8.00	2.5	7	15	47	4.09	< 10	< 1	0.05	10	5.41	2540	2
T 31462	201 229	1.2	0.56	24	40	< 0.5	< 2	7.52	6.5	9	15	34	5.76	< 10	< 1	0.10	10	5.36	905	< 1
T 31463	201 229	1.0	0.65	18	50	< 0.5	6	7.71	3.5	10	16	33	4.92	< 10	< 1	0.14	10	5.53	835	< 1
T 31464	201 229	0.8	0.57	18	30	< 0.5	< 2	7.58	3.0	9	15	34	4.92	< 10	< 1	0.13	< 10	5.35	805	< 1
T 31465	201 229	< 0.2	2.01	18	170	< 0.5	< 2	0.51	0.5	13	30	34	4.86	< 10	< 1	0.16	20	1.10	1490	1
T 31466	201 229	0.2	1.85	18	130	< 0.5	< 2	0.94	< 0.5	12	29	33	4.11	10	< 1	0.16	20	1.13	1120	1
T 31467	201 229	< 0.2	1.27	8	120	< 0.5	< 2	3.21	0.5	8	21	27	3.42	< 10	< 1	0.10	10	2.38	1550	2
T 31468	201 229	0.4	1.53	30	130	< 0.5	< 2	1.00	0.5	12	22	35	5.40	10	< 1	0.11	20	1.01	1925	2
T 31469	201 229	0.4	0.82	20	70	< 0.5	< 2	4.74	1.0	10	13	40	2.76	< 10	< 1	0.09	10	2.84	1060	1
T 31470	201 229	0.4	0.24	20	20	< 0.5	< 2	11.80	0.5	6	9	50	2.92	< 10	< 1	0.03	< 10	7.69	1175	4
T 31471	201 229	0.2	0.21	24	20	< 0.5	< 2	11.60	< 0.5	5	7	39	2.31	< 10	< 1	0.02	< 10	7.48	1165	3
T 31472	201 229	0.8	0.24	52	20	< 0.5	< 2	8.76	0.5	8	7	110	4.98	< 10	< 1	0.05	< 10	5.55	1310	1
T 31473	201 229	0.2	0.92	8	60	< 0.5	< 2	7.21	0.5	8	18	30	2.61	< 10	< 1	0.16	10	3.97	835	< 1
T 31474	201 229	0.2	1.16	18	100	< 0.5	< 2	3.07	0.5	11	19	28	4.53	< 10	< 1	0.16	10	2.28	1835	< 1
T 31475	201 229	0.2	1.50	18	100	< 0.5	< 2	1.84	< 0.5	10	21	24	3.90	< 10	< 1	0.23	10	1.95	1235	< 1
T 31476	201 229	< 0.2	1.10	18	80	< 0.5	< 2	2.40	0.5	7	15	18	3.70	< 10	< 1	0.08	10	1.69	1670	1
T 31477	201 229	0.2	1.30	26	110	< 0.5	< 2	1.06	1.0	9	17	33	3.99	10	< 1	0.15	10	0.95	1660	3
T 31478	201 229	0.2	1.18	22	90	< 0.5	< 2	0.84	0.5	7	19	35	3.09	< 10	< 1	0.11	10	0.72	620	3
T 31479	201 229	1.4	0.35	64	70	< 0.5	< 2	10.35	0.5	13	11	76	5.07	< 10	< 1	0.09	< 10	6.03	1050	2
T 31480	201 229	0.8	0.46	56	70	< 0.5	< 2	7.94	< 0.5	13	12	117	4.13	< 10	< 1	0.06	< 10	5.06	1225	1
T 31481	201 229	0.2	1.76	12	140	< 0.5	< 2	2.22	1.0	10	24	23	3.89	< 10	< 1	0.09	10	1.63	1790	2
T 31482	201 229	0.2	1.28	18	110	< 0.5	< 2	1.64	0.5	9	20	32	3.46	< 10	< 1	0.11	10	1.28	920	3
T 31483	201 229	0.2	1.16	18	120	< 0.5	< 2	2.37	0.5	8	19	32	3.12	< 10	< 1	0.11	10	1.70	1060	3
T 31484	201 229	0.2	1.43	14	130	< 0.5	< 2	2.10	1.0	9	22	41	3.14	< 10	< 1	0.14	10	1.47	640	3
T 31485	201 229	0.2	0.73	20	60	< 0.5	< 2	5.19	0.5	7	14	58	2.46	< 10	< 1	0.10	10	3.49	800	3
T 33358	201 229	1.8	0.33	28	80	< 0.5	< 2	6.51	1.5	13	8	51	8.35	< 10	< 1	0.11	10	4.30	1725	< 1
T 33359	201 229	1.4	1.02	30	120	< 0.5	< 2	0.28	0.5	23	14	42	13.65	< 10	< 1	0.34	10	0.86	2290	2
T 33360	201 229	4.2	0.62	54	40	< 0.5	< 2	5.62	0.5	16	13	56	7.81	< 10	2	0.21	10	3.91	1020	< 1
T 33361	201 229	0.8	0.89	12	100	< 0.5	< 2	2.72	0.5	22	19	70	4.00	< 10	< 1	0.21	20	1.93	1965	< 1
T 33362	201 229	0.4	1.24	24	90	< 0.5	< 2	0.97	0.5	27	21	62	5.27	< 10	< 1	0.19	20	1.11	1030	3
T 33363	201 229	1.2	0.38	56	20	< 0.5	< 2	7.96	1.0	11	12	36	7.79	< 10	< 1	0.12	10	5.40	740	< 1
T 33364	201 229	3.8	0.41	134	20	< 0.5	< 2	6.42	4.0	18	13	85	14.40	< 10	< 1	0.16	< 10	4.59	705	< 1
T 33365	201 229	2.2	0.65	48	30	< 0.5	< 2	3.16	4.5	10	13	34	8.27	< 10	< 1	0.18	10	2.35	605	< 1
T 33366	201 229	3.4	0.33	76	20	< 0.5	< 2	5.83	4.0	14	11	56	12.60	< 10	< 1	0.08	< 10	3.94	845	< 1
T 33367	201 229	1.6	0.38	46	30	< 0.5	< 2	6.31	3.5	12	11	39	7.06	< 10	< 1	0.12	< 10	4.19	770	< 1
T 33368	201 229	5.0	0.24	122	30	< 0.5	< 2	3.25	3.5	14	9	52	>15.00	< 10	< 1	0.10	< 10	2.22	735	< 1
T 33369	201 229	1.0	0.36	44	30	< 0.5	< 2	9.06	0.5	7	11	32	6.81	< 10	< 1	0.06	< 10	6.00	725	< 1
T 33370	201 229	0.2	0.22	6	120	< 0.5	< 2	9.99	0.5	8	9	22	2.77	< 10	< 1	0.04	< 10	6.48	795	< 1

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T 33371	201 229	0.6	0.36	18	30	< 0.5	< 2	8.08	3.0	12	10	41	4.44	< 10	< 1	0.07	< 10	5.37	725	< 1
T 33372	201 229	1.2	0.33	46	30	< 0.5	< 2	7.50	1.0	13	9	41	8.21	< 10	< 1	0.10	< 10	5.09	690	< 1
T 33373	201 229	1.6	0.45	36	60	< 0.5	< 2	5.60	1.0	14	12	38	6.12	< 10	< 1	0.11	10	3.42	1260	< 1
T 33374	201 229	1.2	0.28	22	30	< 0.5	< 2	8.69	2.5	9	11	23	6.29	< 10	< 1	0.08	< 10	5.70	1080	< 1
T 33375	201 229	0.6	0.84	24	60	< 0.5	< 2	3.80	2.5	13	17	43	6.40	< 10	< 1	0.15	10	2.78	965	< 1
T 33376	201 229	< 0.2	1.39	26	100	< 0.5	< 2	0.57	2.0	13	18	26	6.23	< 10	< 1	0.15	10	0.67	1580	1
T 33377	201 229	1.2	0.55	32	80	< 0.5	< 2	6.42	0.5	11	13	37	6.14	< 10	< 1	0.19	10	4.40	1095	< 1
T 33378	201 229	0.8	0.72	8	50	< 0.5	< 2	5.51	0.5	10	14	32	4.65	< 10	< 1	0.21	10	3.71	1120	< 1
T 33379	201 229	2.0	0.49	46	30	< 0.5	< 2	6.59	0.5	14	11	44	8.42	< 10	< 1	0.22	< 10	4.70	790	< 1
T 33380	201 229	1.2	0.76	34	70	< 0.5	< 2	4.58	2.0	12	16	52	4.99	< 10	< 1	0.13	10	3.12	1110	< 1
T 33381	201 229	2.6	0.33	66	210	< 0.5	< 2	4.49	13.0	12	8	58	10.70	< 10	< 1	0.07	10	2.84	1665	1
T 33382	201 229	4.0	0.43	76	60	< 0.5	< 2	5.53	8.0	9	11	63	11.00	< 10	< 1	0.08	< 10	3.69	1075	< 1
T 33383	201 229	6.2	0.82	86	100	< 0.5	< 2	0.74	10.0	14	17	72	13.70	< 10	1	0.13	10	0.77	1570	1
T 33384	201 229	1.2	1.13	50	120	< 0.5	< 2	1.98	1.0	14	23	58	7.19	< 10	< 1	0.11	10	1.57	1285	1
T 33385	201 229	1.2	1.40	28	130	< 0.5	< 2	1.07	1.5	11	24	55	6.92	< 10	< 1	0.12	20	1.14	1255	1
T 33386	201 229	0.2	1.55	10	80	< 0.5	< 2	1.40	1.0	11	22	38	4.26	< 10	< 1	0.19	20	1.83	1345	< 1
T 33387	201 229	0.2	1.71	< 2	80	< 0.5	< 2	1.37	1.5	13	25	43	4.44	< 10	< 1	0.21	20	1.87	1090	< 1
T 33388	201 229	1.4	0.49	66	20	< 0.5	< 2	10.10	1.5	8	11	81	5.71	< 10	< 1	0.17	< 10	6.52	1245	< 1
T 33389	201 229	1.4	0.43	60	40	< 0.5	< 2	8.42	1.5	10	12	50	6.54	< 10	< 1	0.11	< 10	5.62	1280	1
T 33390	201 229	< 0.2	1.56	20	100	< 0.5	< 2	2.00	< 0.5	10	22	25	3.93	< 10	< 1	0.26	20	2.08	1275	< 1
T 33391	201 229	0.4	0.77	16	60	< 0.5	< 2	6.67	1.0	13	14	32	2.78	< 10	< 1	0.14	10	4.61	1110	< 1
T 33392	201 229	0.2	0.80	< 2	80	< 0.5	< 2	3.59	2.0	12	16	31	3.52	< 10	< 1	0.12	20	2.21	1530	< 1
T 33393	201 229	0.4	0.79	6	100	< 0.5	< 2	5.08	1.0	9	16	34	2.67	< 10	< 1	0.10	10	3.39	915	< 1
T 33394	201 229	0.2	0.81	10	80	< 0.5	< 2	5.89	1.0	9	15	33	2.76	< 10	< 1	0.12	10	4.03	805	< 1
T 33395	201 229	0.2	0.59	10	60	< 0.5	< 2	6.10	1.0	8	13	27	2.78	< 10	< 1	0.08	10	4.07	1230	< 1
T 33396	201 229	1.8	0.80	48	90	< 0.5	< 2	3.00	1.0	11	17	53	5.61	< 10	< 1	0.09	10	2.04	1340	< 1
T 33397	201 229	1.6	0.93	54	110	< 0.5	< 2	1.34	1.0	12	19	61	6.90	< 10	< 1	0.09	20	1.05	1755	1
T 33398	201 229	4.2	0.24	156	50	< 0.5	< 2	5.36	1.0	13	9	84	13.05	< 10	< 1	0.02	< 10	3.46	1685	< 1
T 33399	201 229	0.4	0.64	2	60	< 0.5	< 2	5.96	1.5	10	14	24	3.34	< 10	1	0.10	10	4.05	1530	< 1
T 33400	201 229	1.8	0.41	38	40	< 0.5	< 2	5.50	5.5	9	12	33	9.01	< 10	< 1	0.11	10	3.60	880	< 1
T 33401	201 229	1.8	0.30	50	70	< 0.5	< 2	7.12	2.0	14	10	59	9.19	< 10	< 1	0.07	< 10	4.68	970	< 1
T 33402	201 229	2.4	0.31	82	70	< 0.5	< 2	7.44	1.5	8	12	62	9.62	< 10	< 1	0.06	< 10	4.93	1130	< 1
T 33403	201 229	2.4	0.81	60	120	< 0.5	2	3.35	1.5	11	17	54	7.78	< 10	< 1	0.08	10	2.22	1235	< 1
T 33404	201 229	1.4	1.03	34	100	< 0.5	6	2.84	1.5	13	21	51	5.71	< 10	< 1	0.12	10	2.02	1075	< 1
T 33405	201 229	1.6	0.71	32	80	< 0.5	4	5.66	1.5	10	16	44	5.77	< 10	< 1	0.10	10	3.75	1070	< 1
T 33406	201 229	1.8	0.64	42	80	< 0.5	4	5.77	1.5	11	14	42	6.55	< 10	< 1	0.08	10	3.81	1200	< 1
T 33407	201 229	1.6	1.14	46	110	< 0.5	< 2	3.55	3.0	15	21	55	6.17	< 10	< 1	0.14	10	2.52	1195	< 1
T 33408	201 229	1.6	1.06	54	100	< 0.5	2	0.57	2.5	13	19	54	8.07	< 10	< 1	0.09	10	0.62	1285	< 1
T 33409	201 229	1.0	0.43	34	20	< 0.5	< 2	9.33	2.5	8	10	54	4.96	< 10	< 1	0.11	< 10	5.95	1260	< 1
T 33410	201 229	0.2	1.79	8	150	< 0.5	< 2	1.04	2.0	11	23	19	4.32	< 10	< 1	0.05	10	0.75	2270	1

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WHITEHORSE, YT
Y1A 3S9

Project: WP-JOLI
Comments: CC: E. FINLAYSON

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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
T 31459	201 229	0.01	24	680	72	< 2	7	15	0.02	< 10	< 10	36	< 10	292
T 31460	201 229	< 0.01	24	770	400	< 2	8	8	0.02	< 10	< 10	43	< 10	1730
T 31461	201 229	0.01	18	610	452	< 2	3	13	< 0.01	< 10	< 10	24	< 10	1910
T 31462	201 229	0.01	18	320	778	< 2	4	15	0.01	< 10	< 10	19	< 10	3790
T 31463	201 229	0.01	20	310	250	< 2	4	16	0.01	< 10	< 10	20	< 10	1770
T 31464	201 229	0.01	19	310	260	< 2	4	16	< 0.01	< 10	< 10	18	< 10	1735
T 31465	201 229	< 0.01	29	330	94	< 2	8	9	0.02	< 10	< 10	50	< 10	450
T 31466	201 229	0.01	27	630	58	6	9	12	0.03	< 10	< 10	47	< 10	272
T 31467	201 229	0.01	21	710	46	< 2	6	11	0.02	< 10	< 10	34	< 10	312
T 31468	201 229	< 0.01	27	590	134	< 2	10	9	0.01	< 10	< 10	41	< 10	532
T 31469	201 229	0.01	26	840	106	4	3	16	< 0.01	< 10	< 10	24	< 10	556
T 31470	201 229	0.01	26	260	104	4	2	22	< 0.01	< 10	10	15	< 10	498
T 31471	201 229	0.01	14	320	70	12	1	19	< 0.01	< 10	< 10	14	< 10	364
T 31472	201 229	0.01	28	320	136	4	3	20	< 0.01	< 10	< 10	13	< 10	448
T 31473	201 229	0.01	17	470	68	4	4	29	0.01	< 10	< 10	23	< 10	198
T 31474	201 229	0.01	18	700	128	4	6	10	0.01	< 10	< 10	31	< 10	386
T 31475	201 229	< 0.01	19	510	86	2	7	11	0.02	< 10	< 10	30	< 10	276
T 31476	201 229	< 0.01	17	600	74	4	6	8	0.01	< 10	< 10	33	< 10	274
T 31477	201 229	< 0.01	27	800	76	< 2	7	9	0.01	< 10	< 10	37	< 10	370
T 31478	201 229	< 0.01	30	800	58	2	6	11	0.02	< 10	< 10	34	< 10	250
T 31479	201 229	0.01	34	310	142	6	2	26	< 0.01	< 10	< 10	16	< 10	570
T 31480	201 229	0.01	25	410	92	6	3	22	< 0.01	< 10	< 10	18	< 10	332
T 31481	201 229	< 0.01	21	990	94	< 2	4	10	0.02	< 10	< 10	46	< 10	452
T 31482	201 229	< 0.01	26	930	74	2	7	9	0.01	< 10	< 10	36	< 10	426
T 31483	201 229	< 0.01	26	810	60	2	6	10	0.01	< 10	< 10	34	< 10	312
T 31484	201 229	< 0.01	31	860	52	< 2	7	14	0.01	< 10	< 10	42	< 10	226
T 31485	201 229	0.01	29	800	56	4	3	17	0.01	< 10	< 10	25	< 10	278
T 33358	201 229	0.01	35	340	770	4	3	12	< 0.01	< 10	< 10	15	< 10	1130
T 33359	201 229	< 0.01	48	590	320	2	6	3	0.01	< 10	< 10	24	< 10	1300
T 33360	201 229	0.01	45	780	3920	4	5	10	0.01	< 10	< 10	23	< 10	574
T 33361	201 229	0.01	29	680	274	2	6	9	0.01	< 10	< 10	31	< 10	300
T 33362	201 229	0.01	35	770	164	2	7	8	0.02	< 10	< 10	35	< 10	612
T 33363	201 229	0.01	24	290	1340	2	4	14	< 0.01	< 10	< 10	19	< 10	1165
T 33364	201 229	0.01	38	240	1650	14	3	12	< 0.01	< 10	< 10	17	< 10	2680
T 33365	201 229	< 0.01	24	500	1245	< 2	6	7	0.01	< 10	< 10	22	< 10	2620
T 33366	201 229	0.01	29	230	1090	2	4	11	< 0.01	< 10	< 10	16	< 10	2610
T 33367	201 229	0.01	25	380	590	4	4	13	< 0.01	< 10	< 10	16	< 10	1930
T 33368	201 229	< 0.01	31	290	1455	6	4	6	< 0.01	< 10	< 10	15	< 10	2280
T 33369	201 229	0.01	16	250	336	2	3	15	< 0.01	< 10	< 10	16	< 10	736
T 33370	201 229	0.01	11	220	96	2	3	15	< 0.01	< 10	< 10	13	< 10	246

CERTIFICATION:

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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
T 33491	201	229	< 0.01	15	1060	68	4	2	11	< 0.01	< 10	< 10	20	< 10	372
T 33492	201	229	< 0.01	25	1170	78	6	6	11	0.01	< 10	< 10	34	10	316
T 33493	201	229	< 0.01	28	840	94	2	4	9	0.01	< 10	< 10	36	< 10	374
T 33494	201	229	< 0.01	23	990	96	2	6	10	0.01	< 10	< 10	37	10	464
T 33495	201	229	< 0.01	29	1030	76	4	6	9	0.01	< 10	< 10	34	< 10	308
T 33496	201	229	< 0.01	22	450	62	< 2	5	6	0.01	< 10	< 10	40	< 10	360
T 33497	201	229	0.01	21	640	76	2	4	21	0.01	< 10	< 10	25	10	304

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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
T 33491	201 229	< 0.2	0.80	12	90	< 0.5	< 2	2.56	2.0	8	11	21	2.28	< 10	< 1	0.06	< 10	0.71	1015	3
T 33492	201 229	0.6	1.26	12	90	< 0.5	< 2	1.26	1.0	8	19	29	3.49	< 10	< 1	0.08	10	0.69	660	2
T 33493	201 229	< 0.2	1.21	16	100	< 0.5	6	1.00	1.0	7	19	32	3.27	< 10	< 1	0.08	10	0.85	475	3
T 33494	201 229	< 0.2	1.40	6	160	< 0.5	< 2	1.24	2.0	13	18	27	4.14	< 10	< 1	0.07	10	0.75	2010	3
T 33495	201 229	< 0.2	1.20	14	120	< 0.5	< 2	1.37	1.5	11	18	35	3.50	< 10	< 1	0.12	10	1.07	1065	3
T 33496	201 229	< 0.2	1.49	20	100	< 0.5	2	0.42	1.0	11	21	20	4.07	< 10	< 1	0.08	10	0.69	955	3
T 33497	201 229	< 0.2	0.90	10	100	< 0.5	< 2	6.42	0.5	8	17	31	2.37	< 10	< 1	0.15	< 10	4.27	895	1

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SAMPLE	PREF 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
T 33451	201 229	< 0.01	26	540	108	< 2	7	10	0.01	< 10	< 10	35	< 10	540
T 33452	201 229	0.01	19	670	80	< 2	6	14	0.01	< 10	10	27	< 10	450
T 33453	201 229	< 0.01	23	740	92	2	7	9	0.01	< 10	< 10	32	< 10	314
T 33454	201 229	< 0.01	26	930	64	2	10	11	0.02	< 10	< 10	39	< 10	172
T 33455	201 229	< 0.01	28	970	56	2	8	10	0.02	< 10	< 10	38	< 10	182
T 33456	201 229	< 0.01	28	350	50	12	6	9	0.03	< 10	< 10	42	< 10	124
T 33457	201 229	< 0.01	31	630	62	< 2	6	10	0.01	< 10	< 10	36	< 10	198
T 33458	201 229	0.01	41	690	56	< 2	7	11	0.02	< 10	< 10	34	< 10	212
T 33459	201 229	< 0.01	43	680	72	< 2	9	10	0.02	< 10	< 10	40	< 10	256
T 33460	201 229	0.01	37	700	54	4	6	13	0.02	< 10	< 10	32	< 10	202
T 33461	201 229	0.01	17	400	86	< 2	4	13	0.01	< 10	< 10	20	< 10	282
T 33462	201 229	< 0.01	32	920	76	2	8	10	0.02	< 10	< 10	38	< 10	234
T 33463	201 229	< 0.01	32	730	48	< 2	8	10	0.01	< 10	< 10	29	< 10	182
T 33464	201 229	< 0.01	50	720	60	< 2	6	8	0.01	< 10	< 10	28	< 10	228
T 33465	201 229	0.01	34	720	52	4	6	12	0.01	< 10	< 10	27	< 10	198
T 33466	201 229	0.01	28	690	60	2	6	11	0.01	< 10	< 10	29	< 10	212
T 33467	201 229	< 0.01	30	820	74	< 2	6	8	0.01	< 10	< 10	36	< 10	250
T 33468	201 229	< 0.01	20	740	56	< 2	6	8	0.01	< 10	< 10	38	< 10	188
T 33469	201 229	< 0.01	19	800	78	2	5	9	0.01	< 10	10	34	< 10	240
T 33470	201 229	< 0.01	23	580	102	< 2	9	8	0.01	< 10	< 10	29	< 10	386
T 33471	201 229	< 0.01	24	490	90	< 2	6	10	0.01	< 10	< 10	32	< 10	268
T 33472	201 229	< 0.01	27	460	92	< 2	7	7	0.01	< 10	< 10	24	< 10	352
T 33473	201 229	< 0.01	26	610	126	2	7	8	0.01	< 10	< 10	31	< 10	482
T 33474	201 229	< 0.01	23	590	130	< 2	8	8	0.01	< 10	< 10	32	< 10	512
T 33475	201 229	< 0.01	20	710	164	2	6	9	0.01	< 10	< 10	33	< 10	530
T 33476	201 229	< 0.01	41	920	32	< 2	5	11	< 0.01	< 10	< 10	39	< 10	156
T 33477	201 229	< 0.01	23	970	42	< 2	4	12	< 0.01	< 10	< 10	30	< 10	198
T 33478	201 229	< 0.01	19	350	64	4	4	10	0.01	< 10	< 10	44	< 10	228
T 33479	201 229	< 0.01	21	410	74	< 2	5	8	0.01	< 10	< 10	43	< 10	274
T 33480	201 229	< 0.01	37	560	118	4	5	7	0.01	< 10	< 10	41	< 10	340
T 33481	201 229	< 0.01	41	1160	82	< 2	5	12	0.01	< 10	< 10	34	< 10	370
T 33482	201 229	< 0.01	27	550	98	2	4	11	0.01	< 10	< 10	26	< 10	1410
T 33483	201 229	< 0.01	25	810	62	< 2	4	12	0.01	< 10	< 10	31	< 10	572
T 33484	201 229	< 0.01	22	570	54	2	4	7	< 0.01	< 10	< 10	37	< 10	228
T 33485	201 229	< 0.01	44	560	58	2	8	8	< 0.01	< 10	< 10	38	< 10	250
T 33486	201 229	< 0.01	17	480	156	< 2	9	4	0.01	< 10	< 10	32	< 10	410
T 33487	201 229	0.01	21	810	124	2	4	13	< 0.01	< 10	10	24	20	974
T 33488	201 229	0.01	18	440	338	< 2	4	22	< 0.01	< 10	< 10	19	20	1230
T 33489	201 229	0.01	25	470	174	< 2	3	20	< 0.01	< 10	< 10	21	30	2630
T 33490	201 229	< 0.01	24	520	112	2	4	12	0.01	< 10	< 10	29	20	1190

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T 33451	201 229	0.4	1.29	20	150	< 0.5	< 2	2.23	1.0	13	22	46	3.55	< 10	< 1	0.11	10	1.75	1180	1
T 33452	201 229	0.2	0.96	14	100	< 0.5	< 2	3.88	0.5	9	17	29	2.81	< 10	< 1	0.13	10	2.75	1115	< 1
T 33453	201 229	0.2	1.31	10	130	< 0.5	< 2	1.73	1.0	11	20	36	3.51	< 10	< 1	0.12	20	1.25	1835	1
T 33454	201 229	0.6	1.78	20	150	< 0.5	< 2	0.98	0.5	13	27	64	4.01	10	< 1	0.14	20	1.20	1805	1
T 33455	201 229	0.4	1.66	22	150	< 0.5	2	0.98	< 0.5	13	24	66	3.60	< 10	< 1	0.13	10	1.04	1435	< 1
T 33456	201 229	< 0.2	1.58	28	130	< 0.5	< 2	0.32	< 0.5	12	23	28	3.52	< 10	< 1	0.10	20	0.76	970	2
T 33457	201 229	0.4	1.62	32	120	< 0.5	< 2	1.58	< 0.5	11	22	56	3.29	< 10	< 1	0.14	10	1.65	865	3
T 33458	201 229	0.6	1.55	36	130	< 0.5	< 2	1.79	0.5	11	22	83	3.13	10	< 1	0.17	20	1.92	945	2
T 33459	201 229	0.4	1.97	18	130	< 0.5	2	0.72	0.5	13	27	65	3.69	10	< 1	0.16	20	1.55	1195	3
T 33460	201 229	0.4	1.24	16	120	< 0.5	4	3.70	0.5	10	20	46	2.63	< 10	< 1	0.13	20	2.92	975	2
T 33461	201 229	0.4	0.58	20	70	< 0.5	< 2	5.98	< 0.5	10	12	24	2.17	< 10	< 1	0.10	10	3.89	1035	< 1
T 33462	201 229	0.4	1.46	34	160	< 0.5	2	0.65	0.5	13	23	71	3.96	< 10	< 1	0.10	20	0.95	2030	2
T 33463	201 229	0.4	1.65	16	130	< 0.5	< 2	1.63	0.5	11	21	58	3.42	< 10	< 1	0.12	20	2.08	1955	2
T 33464	201 229	0.6	1.19	30	90	< 0.5	4	2.12	0.5	9	16	95	3.26	< 10	< 1	0.12	20	1.81	825	4
T 33465	201 229	0.4	0.96	30	90	< 0.5	< 2	3.79	0.5	8	16	64	2.77	< 10	< 1	0.10	10	2.74	845	2
T 33466	201 229	0.4	1.04	12	100	< 0.5	2	3.50	0.5	9	19	58	2.98	< 10	< 1	0.09	10	2.59	915	1
T 33467	201 229	0.4	1.39	18	140	< 0.5	4	1.03	1.0	12	21	43	3.65	< 10	< 1	0.08	20	0.87	1220	1
T 33468	201 229	0.2	1.23	16	130	< 0.5	2	1.36	0.5	9	20	26	3.67	< 10	< 1	0.07	20	0.95	1675	< 1
T 33469	201 229	0.2	1.32	22	120	< 0.5	4	1.11	< 0.5	10	18	30	3.26	< 10	< 1	0.10	10	0.79	1320	1
T 33470	201 229	0.2	1.43	10	130	< 0.5	< 2	1.11	1.0	14	19	43	3.55	< 10	< 1	0.16	10	1.10	1165	< 1
T 33471	201 229	0.2	1.25	24	110	< 0.5	4	2.37	< 0.5	10	21	32	3.00	< 10	< 1	0.12	10	1.79	945	2
T 33472	201 229	0.4	1.10	12	100	< 0.5	< 2	1.69	1.0	17	17	32	3.29	< 10	< 1	0.12	10	1.33	1255	1
T 33473	201 229	0.4	1.39	22	140	< 0.5	< 2	1.08	1.0	16	20	43	3.52	< 10	< 1	0.15	20	0.87	1175	1
T 33474	201 229	0.4	1.45	22	150	< 0.5	4	0.98	1.0	14	21	36	3.62	< 10	< 1	0.16	10	0.90	1065	1
T 33475	201 229	0.2	1.42	30	160	< 0.5	4	1.47	0.5	10	18	31	3.21	10	< 1	0.13	10	0.95	905	< 1
T 33476	201 229	0.4	0.98	24	40	< 0.5	2	2.97	0.5	8	17	57	2.28	< 10	< 1	0.16	20	2.23	245	5
T 33477	201 229	0.4	0.86	18	90	< 0.5	< 2	2.49	0.5	5	14	32	2.63	< 10	< 1	0.08	10	1.16	735	3
T 33478	201 229	< 0.2	1.48	16	90	< 0.5	< 2	1.50	1.0	10	20	19	3.45	< 10	< 1	0.05	10	0.93	885	2
T 33479	201 229	< 0.2	1.29	16	90	< 0.5	2	1.84	1.0	10	19	19	3.52	< 10	< 1	0.06	10	1.29	1275	3
T 33480	201 229	0.2	1.24	38	130	< 0.5	< 2	1.11	0.5	17	18	28	3.86	< 10	< 1	0.09	20	0.96	1515	8
T 33481	201 229	0.4	1.11	18	100	< 0.5	2	2.38	3.0	9	17	45	2.95	< 10	< 1	0.11	10	1.64	710	4
T 33482	201 229	0.4	0.79	38	90	< 0.5	4	3.46	2.0	10	14	27	3.35	< 10	< 1	0.09	10	2.31	1235	6
T 33483	201 229	0.4	1.02	12	100	< 0.5	< 2	2.27	1.5	8	19	29	2.82	< 10	< 1	0.07	10	1.51	695	3
T 33484	201 229	< 0.2	1.15	14	100	< 0.5	< 2	0.99	0.5	7	16	20	2.79	< 10	< 1	0.08	10	0.83	535	3
T 33485	201 229	< 0.2	1.18	20	70	< 0.5	< 2	0.95	0.5	10	22	48	3.10	< 10	< 1	0.09	20	1.25	325	6
T 33486	201 229	< 0.2	1.19	10	70	< 0.5	< 2	0.73	1.0	10	20	20	4.10	< 10	< 1	0.09	20	0.75	1265	1
T 33487	201 229	< 0.2	0.98	< 2	150	< 0.5	4	4.04	2.0	8	18	44	2.52	< 10	< 1	0.09	10	2.60	830	2
T 33488	201 229	0.2	0.52	38	70	< 0.5	< 2	9.40	1.5	9	11	119	2.53	< 10	< 1	0.07	< 10	5.26	910	1
T 33489	201 229	0.2	0.49	54	110	< 0.5	2	8.54	4.5	21	12	107	3.09	< 10	< 1	0.06	< 10	5.31	1505	5
T 33490	201 229	0.2	0.75	28	100	< 0.5	< 2	4.38	1.5	13	14	22	3.76	< 10	< 1	0.08	10	2.78	1935	13

CERTIFICATION:

Hart Bickler



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ARCHER CATHRO & ASSOC. (1981) LTD.

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

Project : WP-JOLI
Comments: CC: E. FINLAYSON

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Certificate Date: 09-AUG-93
Invoice No. : 19318049
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CERTIFICATE OF ANALYSIS

A9318049

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
T 33411	201 229	0.01	23	410	110	2	6	15	0.01	< 10	< 10	27	< 10	618
T 33412	201 229	< 0.01	24	620	72	< 2	7	10	0.02	< 10	< 10	40	< 10	208
T 33413	201 229	< 0.01	23	840	64	2	6	11	0.01	< 10	< 10	36	< 10	210
T 33414	201 229	0.01	22	500	36	2	6	11	0.02	< 10	< 10	33	< 10	126
T 33415	201 229	0.01	25	580	56	2	7	14	0.02	< 10	< 10	37	< 10	176
T 33416	201 229	< 0.01	27	880	104	2	8	9	0.01	< 10	< 10	33	< 10	210
T 33417	201 229	0.01	17	440	256	4	4	14	0.01	< 10	< 10	24	< 10	250
T 33418	201 229	0.01	22	670	106	4	7	11	0.01	< 10	< 10	25	< 10	230
T 33419	201 229	0.01	26	540	52	4	5	12	0.02	< 10	< 10	27	< 10	142
T 33420	201 229	0.01	28	650	48	2	6	12	0.03	< 10	< 10	36	< 10	138
T 33421	201 229	0.01	20	630	66	4	6	12	0.02	< 10	< 10	29	< 10	134
T 33422	201 229	0.01	25	840	292	< 2	7	10	0.02	< 10	< 10	36	< 10	416
T 33423	201 229	0.01	21	660	202	2	7	9	0.02	< 10	< 10	31	< 10	260
T 33424	201 229	< 0.01	19	700	60	6	9	6	0.01	< 10	< 10	24	< 10	190
T 33425	201 229	0.01	26	600	184	2	8	9	0.02	< 10	< 10	43	< 10	446
T 33426	201 229	< 0.01	19	540	198	< 2	8	7	0.02	< 10	< 10	39	< 10	544
T 33427	201 229	0.01	26	570	114	4	6	11	0.02	< 10	< 10	34	< 10	228
T 33428	201 229	< 0.01	33	530	102	2	8	10	0.02	< 10	< 10	38	< 10	394
T 33429	201 229	< 0.01	17	610	102	< 2	7	9	0.01	< 10	< 10	31	< 10	238
T 33430	201 229	< 0.01	16	690	176	< 2	6	10	0.01	< 10	< 10	25	10	352
T 33431	201 229	< 0.01	15	650	158	< 2	9	8	0.01	< 10	< 10	33	< 10	302
T 33432	201 229	0.01	20	450	126	2	5	15	0.02	< 10	< 10	26	< 10	298
T 33433	201 229	0.01	13	340	98	2	3	16	< 0.01	< 10	< 10	16	10	200
T 33434	201 229	0.01	15	480	80	< 2	4	15	< 0.01	< 10	10	21	10	222
T 33435	201 229	0.01	20	540	122	8	5	12	0.01	< 10	< 10	28	< 10	302
T 33436	201 229	0.01	18	230	38	2	5	19	< 0.01	< 10	< 10	13	10	144
T 33437	201 229	0.01	18	380	92	< 2	5	13	0.01	< 10	< 10	25	< 10	290
T 33438	201 229	0.01	17	500	132	4	4	18	0.02	< 10	< 10	25	< 10	352
T 33439	201 229	< 0.01	19	1160	36	< 2	8	6	< 0.01	< 10	< 10	26	< 10	166
T 33440	201 229	0.01	6	200	28	< 2	2	23	< 0.01	< 10	10	14	20	120
T 33441	201 229	0.01	22	360	84	< 2	5	14	0.01	< 10	< 10	20	10	292
T 33442	201 229	0.01	25	640	544	2	5	13	0.01	< 10	< 10	28	< 10	544
T 33443	201 229	0.01	20	370	108	2	6	13	0.01	< 10	10	20	10	246
T 33444	201 229	0.01	13	170	56	2	3	19	< 0.01	< 10	< 10	14	20	150
T 33445	201 229	0.01	10	170	54	2	3	19	< 0.01	< 10	< 10	14	10	122
T 33446	201 229	0.01	18	440	164	2	7	13	0.01	< 10	10	26	< 10	358
T 33447	201 229	< 0.01	23	740	164	< 2	7	9	0.02	< 10	< 10	41	< 10	562
T 33448	201 229	< 0.01	17	970	92	< 2	4	8	0.01	< 10	< 10	30	< 10	308
T 33449	201 229	< 0.01	21	650	54	2	4	8	< 0.01	< 10	< 10	22	< 10	196
T 33450	201 229	< 0.01	19	690	56	< 2	4	9	< 0.01	< 10	10	22	< 10	244

CERTIFICATION: *Hart Bickler*



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

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

Project: WP-JOLI
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CERTIFICATE OF ANALYSIS

A9318049

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
T 33411	201 229	0.2	0.90	20	140	< 0.5	< 2	4.07	1.5	12	17	56	3.24	< 10	< 1	0.07	10	2.65	1965	< 1
T 33412	201 229	0.4	1.54	12	150	< 0.5	< 2	0.88	0.5	9	24	33	3.46	< 10	< 1	0.11	20	0.91	980	< 1
T 33413	201 229	0.4	1.55	12	150	< 0.5	< 2	1.57	0.5	11	22	37	3.06	< 10	< 1	0.14	10	0.95	1285	1
T 33414	201 229	< 0.2	1.22	< 2	100	< 0.5	< 2	2.96	1.0	8	19	33	2.66	< 10	< 1	0.11	10	2.22	865	< 1
T 33415	201 229	0.2	1.58	12	120	< 0.5	< 2	3.08	< 0.5	10	26	42	2.91	< 10	1	0.11	20	2.54	990	1
T 33416	201 229	0.4	1.54	< 2	150	< 0.5	2	1.16	1.0	12	21	59	3.85	< 10	< 1	0.13	20	1.16	1585	1
T 33417	201 229	0.4	0.83	6	80	< 0.5	< 2	6.84	1.0	9	15	43	2.35	< 10	< 1	0.08	10	4.58	915	1
T 33418	201 229	0.4	0.98	24	110	< 0.5	2	5.03	0.5	12	15	48	2.93	< 10	< 1	0.12	20	3.50	1285	1
T 33419	201 229	0.2	1.04	12	80	< 0.5	< 2	2.87	0.5	11	15	52	2.36	< 10	< 1	0.15	10	2.14	600	2
T 33420	201 229	< 0.2	1.26	4	110	< 0.5	< 2	1.45	0.5	9	22	38	2.64	< 10	< 1	0.11	20	1.36	680	1
T 33421	201 229	0.2	1.18	12	100	< 0.5	< 2	3.40	< 0.5	11	20	32	2.60	< 10	< 1	0.11	20	2.69	1170	< 1
T 33422	201 229	0.2	1.42	16	140	< 0.5	< 2	1.23	1.0	13	23	39	3.53	< 10	< 1	0.15	10	0.98	980	< 1
T 33423	201 229	< 0.2	1.19	16	100	< 0.5	2	1.50	0.5	12	19	31	3.34	< 10	< 1	0.11	10	1.15	840	1
T 33424	201 229	0.2	1.08	< 2	70	< 0.5	2	2.07	1.0	12	18	26	4.01	< 10	< 1	0.13	20	1.80	1365	< 1
T 33425	201 229	0.2	1.70	18	130	< 0.5	< 2	0.90	1.0	12	25	35	4.05	< 10	< 1	0.13	20	1.06	1115	1
T 33426	201 229	0.2	1.36	22	110	< 0.5	2	1.04	1.0	11	20	26	4.18	< 10	< 1	0.11	20	0.87	1370	1
T 33427	201 229	0.4	1.25	16	120	< 0.5	< 2	2.30	< 0.5	15	20	36	3.02	< 10	< 1	0.17	20	1.84	860	1
T 33428	201 229	< 0.2	1.40	24	130	< 0.5	< 2	1.27	0.5	16	23	46	3.74	10	< 1	0.15	20	1.14	1015	1
T 33429	201 229	< 0.2	1.03	20	90	< 0.5	< 2	1.52	0.5	8	17	19	3.05	< 10	< 1	0.08	20	1.14	1190	1
T 33430	201 229	0.4	0.93	22	70	< 0.5	< 2	4.23	0.5	8	15	19	2.65	< 10	< 1	0.15	10	2.77	1090	1
T 33431	201 229	0.2	1.17	8	80	< 0.5	< 2	2.28	1.0	8	18	20	3.49	10	< 1	0.11	20	1.64	1235	1
T 33432	201 229	0.4	0.86	24	130	< 0.5	6	4.63	< 0.5	11	19	43	2.61	< 10	< 1	0.12	10	3.15	885	< 1
T 33433	201 229	0.4	0.46	12	50	< 0.5	< 2	7.88	< 0.5	9	11	31	1.98	< 10	< 1	0.11	10	5.15	695	< 1
T 33434	201 229	0.4	0.59	14	130	< 0.5	< 2	6.30	0.5	7	13	38	2.73	< 10	< 1	0.06	10	4.01	1700	< 1
T 33435	201 229	0.4	0.88	8	120	< 0.5	2	4.15	1.0	10	17	55	2.79	< 10	< 1	0.09	10	2.79	1015	< 1
T 33436	201 229	0.2	0.59	6	30	< 0.5	4	7.86	< 0.5	14	12	38	1.93	< 10	< 1	0.15	10	5.23	675	< 1
T 33437	201 229	0.6	0.72	10	100	< 0.5	< 2	5.09	0.5	10	16	39	2.59	< 10	< 1	0.08	10	3.44	1065	< 1
T 33438	201 229	0.4	0.68	26	80	< 0.5	2	5.83	0.5	8	16	47	2.47	< 10	< 1	0.08	10	3.91	840	1
T 33439	201 229	0.2	1.15	< 2	120	< 0.5	< 2	1.44	1.5	18	20	30	5.14	10	< 1	0.09	30	1.26	2440	< 1
T 33440	201 229	0.2	0.21	2	40	< 0.5	< 2	12.90	0.5	4	10	10	2.12	< 10	< 1	0.02	< 10	8.34	1575	< 1
T 33441	201 229	0.2	0.51	28	60	< 0.5	4	6.33	< 0.5	12	13	28	2.95	< 10	< 1	0.12	10	4.18	1285	1
T 33442	201 229	0.4	0.89	38	90	< 0.5	< 2	5.21	1.0	16	18	41	3.87	< 10	< 1	0.10	10	3.52	1765	1
T 33443	201 229	0.2	0.74	6	50	< 0.5	< 2	7.21	0.5	20	15	35	2.41	< 10	< 1	0.14	10	4.97	840	< 1
T 33444	201 229	0.2	0.30	8	20	< 0.5	< 2	11.55	0.5	8	10	21	1.85	< 10	< 1	0.06	< 10	7.60	730	< 1
T 33445	201 229	< 0.2	0.33	6	20	< 0.5	< 2	12.00	< 0.5	7	11	17	1.63	< 10	< 1	0.08	10	7.98	855	< 1
T 33446	201 229	2.0	0.96	38	80	< 0.5	4	4.90	0.5	12	18	121	3.27	< 10	< 1	0.13	10	3.48	1380	< 1
T 33447	201 229	0.4	1.55	14	110	< 0.5	< 2	0.73	1.0	13	26	37	4.09	10	< 1	0.16	20	0.82	1500	1
T 33448	201 229	0.2	1.05	12	130	< 0.5	< 2	1.40	1.0	10	15	26	3.02	< 10	< 1	0.10	10	0.60	1530	1
T 33449	201 229	0.4	0.67	20	80	< 0.5	4	2.58	0.5	14	11	32	3.00	< 10	< 1	0.08	10	1.53	1230	< 1
T 33450	201 229	0.4	0.67	22	110	< 0.5	< 2	2.70	0.5	12	12	35	2.99	< 10	< 1	0.06	10	1.38	1225	1

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ARCHER CATHRO & ASSOC. (1981) LTD.

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Y1A 3S9

Project: WP-JOLI
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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
T 33371	201 229	0.01	21	310	402	< 2	3	16	< 0.01	< 10	< 10	15	< 10	1880
T 33372	201 229	0.01	22	260	422	4	3	13	< 0.01	< 10	< 10	15	< 10	784
T 33373	201 229	0.01	26	660	348	2	5	11	< 0.01	< 10	< 10	18	< 10	744
T 33374	201 229	0.01	16	400	710	4	3	12	< 0.01	< 10	< 10	14	< 10	1115
T 33375	201 229	0.01	24	670	313	2	6	10	0.01	< 10	< 10	25	< 10	1505
T 33376	201 229	< 0.01	22	570	276	< 2	7	6	0.01	< 10	< 10	37	< 10	1350
T 33377	201 229	0.01	26	500	252	6	4	11	< 0.01	< 10	< 10	20	< 10	594
T 33378	201 229	0.01	24	660	480	4	6	10	< 0.01	< 10	< 10	21	< 10	362
T 33379	201 229	0.01	39	350	1200	2	4	10	< 0.01	< 10	< 10	17	< 10	580
T 33380	201 229	0.01	25	510	288	2	6	11	0.01	< 10	< 10	25	< 10	1095
T 33381	201 229	0.01	28	360	710	< 2	4	8	< 0.01	< 10	< 10	16	< 10	5340
T 33382	201 229	0.01	29	330	1400	< 2	4	10	0.01	< 10	< 10	19	< 10	4150
T 33383	201 229	< 0.01	38	470	1655	< 2	6	6	0.01	< 10	< 10	26	< 10	5150
T 33384	201 229	0.01	29	560	328	2	7	12	0.03	< 10	< 10	36	< 10	990
T 33385	201 229	0.01	31	650	330	< 2	8	10	0.02	< 10	< 10	38	< 10	924
T 33386	201 229	< 0.01	24	580	188	< 2	8	8	0.01	< 10	< 10	30	< 10	764
T 33387	201 229	< 0.01	28	510	200	< 2	9	10	0.02	< 10	< 10	36	< 10	824
T 33388	201 229	0.01	19	230	552	12	3	22	< 0.01	< 10	< 10	14	< 10	1440
T 33389	201 229	0.01	19	280	378	2	3	19	< 0.01	< 10	< 10	16	< 10	1130
T 33390	201 229	< 0.01	19	530	80	< 2	7	12	0.02	< 10	< 10	31	< 10	286
T 33391	201 229	0.01	17	400	218	2	6	14	0.01	< 10	< 10	21	< 10	538
T 33392	201 229	0.01	20	740	194	2	7	10	0.01	< 10	< 10	25	< 10	774
T 33393	201 229	0.01	16	430	170	< 2	4	13	0.01	< 10	< 10	24	< 10	522
T 33394	201 229	0.01	20	460	206	4	4	16	0.02	< 10	< 10	24	< 10	638
T 33395	201 229	0.01	14	450	120	2	5	12	0.01	< 10	< 10	20	< 10	350
T 33396	201 229	0.01	22	550	284	4	6	10	0.01	< 10	< 10	28	< 10	760
T 33397	201 229	< 0.01	27	530	308	2	7	8	0.02	< 10	< 10	32	< 10	834
T 33398	201 229	< 0.01	32	240	606	12	3	12	< 0.01	< 10	< 10	19	< 10	954
T 33399	201 229	0.01	15	410	426	4	6	11	0.01	< 10	< 10	24	< 10	462
T 33400	201 229	0.01	20	350	550	< 2	4	10	< 0.01	< 10	< 10	19	< 10	2210
T 33401	201 229	0.01	32	310	392	4	4	17	< 0.01	< 10	< 10	18	< 10	1455
T 33402	201 229	0.01	22	290	422	6	3	15	0.01	< 10	< 10	20	< 10	988
T 33403	201 229	0.01	29	580	360	2	6	11	0.02	< 10	< 10	29	< 10	722
T 33404	201 229	0.01	27	570	256	4	6	14	0.03	< 10	< 10	33	< 10	558
T 33405	201 229	0.01	21	420	282	4	4	14	0.02	< 10	< 10	25	< 10	522
T 33406	201 229	0.01	20	360	328	6	4	13	0.01	< 10	< 10	24	< 10	552
T 33407	201 229	0.01	29	620	898	4	8	12	0.02	< 10	< 10	32	< 10	1650
T 33408	201 229	< 0.01	30	590	662	6	7	7	0.02	< 10	< 10	32	< 10	1530
T 33409	201 229	0.01	20	260	310	14	3	20	< 0.01	< 10	< 10	13	< 10	1120
T 33410	201 229	< 0.01	19	1000	84	< 2	4	10	0.02	< 10	< 10	48	< 10	452

CERTIFICATION:

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

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Project: WERNECKE
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CERTIFICATE OF ANALYSIS

A9318979

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
T18188	201 229	1.4	1.02	40	30	< 0.5	< 2	9.60	1.0	6	47	58	4.53	< 10	< 1	0.46	< 10	5.88	970	< 1
T18189	201 229	1.0	0.87	34	20	< 0.5	< 2	9.26	1.0	5	53	52	3.88	< 10	< 1	0.38	< 10	5.77	1010	< 1
T18225	201 229	0.4	0.43	22	20	< 0.5	< 2	10.20	1.0	9	11	27	2.22	< 10	< 1	0.12	< 10	6.47	680	< 1
T18226	201 229	0.6	0.65	32	30	0.5	< 2	6.27	0.5	13	14	42	2.43	< 10	< 1	0.15	< 10	4.20	725	< 1
T18227	201 229	0.6	1.39	28	80	0.5	< 2	1.11	< 0.5	18	27	41	3.77	10	< 1	0.22	30	1.24	790	< 1
T18228	201 229	0.4	0.61	18	30	< 0.5	< 2	8.98	1.0	9	14	25	1.99	< 10	< 1	0.15	< 10	5.87	1090	< 1
T18229	201 229	0.2	0.73	18	40	< 0.5	< 2	6.97	0.5	13	14	28	2.40	< 10	< 1	0.21	< 10	4.71	785	< 1
T18230	201 229	0.2	1.55	28	70	0.5	< 2	3.03	< 0.5	20	23	58	3.46	< 10	< 1	0.26	20	3.11	1695	< 1
T18231	201 229	0.2	1.68	24	110	0.5	< 2	5.72	< 0.5	18	25	40	2.94	< 10	< 1	0.22	< 10	4.74	2800	< 1
T18232	201 229	0.2	1.01	10	20	< 0.5	< 2	8.25	0.5	7	16	22	1.91	< 10	< 1	0.23	< 10	5.18	705	< 1
T18233	201 229	0.4	0.82	14	30	< 0.5	< 2	7.78	1.0	9	14	28	2.34	< 10	< 1	0.16	< 10	5.29	940	< 1
T18234	201 229	0.4	0.85	18	30	< 0.5	< 2	8.01	1.5	8	14	31	2.68	< 10	< 1	0.29	< 10	5.36	895	< 1
T18235	201 229	0.2	0.74	< 2	20	< 0.5	< 2	8.58	0.5	7	14	22	1.88	< 10	< 1	0.14	< 10	5.82	870	< 1
T18236	201 229	0.4	0.61	10	20	< 0.5	< 2	8.42	0.5	8	13	23	2.19	< 10	< 1	0.15	< 10	5.62	840	< 1
T18237	201 229	0.6	0.85	22	70	0.5	< 2	6.17	2.0	13	15	18	2.62	< 10	< 1	0.29	< 10	4.19	1270	< 1
T18238	201 229	1.0	0.60	58	20	0.5	< 2	9.16	1.5	15	12	43	3.59	< 10	< 1	0.35	< 10	5.86	595	< 1
T18239	201 229	0.4	0.87	20	50	0.5	< 2	7.61	0.5	24	17	44	2.36	< 10	< 1	0.38	< 10	5.13	780	< 1
T18240	201 229	1.4	0.66	42	20	< 0.5	< 2	9.06	1.0	7	11	61	4.27	< 10	< 1	0.22	< 10	5.54	1065	< 1
T18241	201 229	1.2	0.70	46	20	< 0.5	< 2	9.37	1.0	7	12	63	4.44	< 10	< 1	0.24	< 10	5.63	1085	< 1
T18242	201 229	1.4	0.55	46	20	< 0.5	< 2	9.15	1.5	7	10	71	5.20	< 10	< 1	0.21	< 10	5.58	1080	< 1
T18243	201 229	0.8	0.98	46	20	< 0.5	< 2	9.06	0.5	6	36	56	3.79	< 10	< 1	0.43	< 10	5.44	1000	< 1
T18244	201 229	0.4	0.66	26	20	< 0.5	< 2	8.76	0.5	7	12	43	3.05	< 10	< 1	0.18	< 10	5.11	1030	< 1
T18245	201 229	< 0.2	1.30	10	40	< 0.5	< 2	8.39	< 0.5	8	40	21	1.73	< 10	< 1	0.43	< 10	4.66	845	< 1
T18246	201 229	< 0.2	1.82	12	160	0.5	< 2	0.88	< 0.5	12	30	21	3.43	10	< 1	0.13	30	1.21	1370	< 1
T18247	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
T18248	201 229	1.6	1.39	54	50	0.5	< 2	6.75	2.0	13	18	47	5.40	< 10	< 1	0.81	< 10	5.22	1060	< 1
T18249	201 229	< 0.2	1.42	18	40	0.5	< 2	4.28	0.5	17	22	61	2.57	< 10	< 1	0.50	10	3.58	1215	< 1
T18250	201 229	< 0.2	0.94	22	30	0.5	< 2	7.23	2.5	4	15	41	7.47	< 10	< 1	0.12	< 10	4.62	5320	< 1
T31201	201 229	< 0.2	1.09	36	30	0.5	< 2	7.06	2.5	4	17	63	8.14	< 10	< 1	0.17	< 10	4.79	5390	< 1
T31202	201 229	< 0.2	1.14	48	40	0.5	< 2	7.12	2.5	4	16	65	8.53	10	< 1	0.17	< 10	4.87	5620	< 1
T31203	201 229	0.2	1.28	50	50	0.5	< 2	5.63	2.5	5	18	74	9.05	10	< 1	0.18	< 10	4.23	6220	< 1
T31204	201 229	< 0.2	1.32	16	100	1.0	< 2	2.05	0.5	10	19	39	8.50	10	< 1	0.11	20	1.94	6460	< 1
T31205	201 229	< 0.2	0.72	18	70	< 0.5	< 2	7.16	0.5	9	13	44	3.69	< 10	< 1	0.10	< 10	4.57	2670	< 1
T31206	201 229	< 0.2	0.51	14	40	< 0.5	< 2	11.30	0.5	3	10	30	3.55	< 10	< 1	0.04	< 10	6.80	2630	< 1
T31207	201 229	< 0.2	0.44	8	40	< 0.5	< 2	12.05	0.5	2	10	24	3.55	< 10	< 1	0.04	< 10	7.06	2850	< 1
T31208	201 229	0.2	0.34	4	30	< 0.5	< 2	13.90	< 0.5	2	6	21	2.56	< 10	< 1	0.02	< 10	7.51	2050	< 1
T31209	201 229	< 0.2	0.35	4	40	< 0.5	< 2	12.45	< 0.5	2	7	70	2.81	< 10	< 1	0.01	< 10	7.36	2160	< 1
T31210	201 229	0.2	0.47	12	90	< 0.5	< 2	9.23	< 0.5	4	9	49	4.07	< 10	< 1	0.03	< 10	5.52	3370	< 1
T31211	201 229	< 0.2	0.16	2	20	< 0.5	< 2	13.80	< 0.5	< 1	3	17	2.55	< 10	< 1	< 0.01	< 10	7.89	2610	< 1
T31212	201 229	< 0.2	0.23	32	80	< 0.5	< 2	11.95	< 0.5	1	4	22	3.06	< 10	< 1	0.01	< 10	7.02	2750	< 1

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

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

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

Project: WERNECKE
Comments:

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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
T18188	201	229	0.01	17	230	708	2	3	23 < 0.01	< 10	< 10	12	< 10	1105	
T18189	201	229	0.01	16	210	376	2	3	20 < 0.01	< 10	< 10	11	< 10	1035	
T18225	201	229	0.01	16	250	290	< 2	3	13 < 0.01	< 10	< 10	9	< 10	780	
T18226	201	229	< 0.01	22	480	252	2	4	9 < 0.01	< 10	< 10	18	< 10	768	
T18227	201	229	< 0.01	30	990	136	2	7	7 0.02	< 10	< 10	33	< 10	380	
T18228	201	229	0.01	18	560	392	< 2	3	8 < 0.01	< 10	< 10	14	< 10	1140	
T18229	201	229	< 0.01	19	290	70	2	4	10 0.01	< 10	< 10	14	< 10	200	
T18230	201	229	< 0.01	28	620	30	2	7	14 < 0.01	< 10	< 10	16	< 10	302	
T18231	201	229	< 0.01	29	390	18	< 2	6	17 < 0.01	< 10	< 10	17	< 10	502	
T18232	201	229	< 0.01	14	320	110	2	3	23 < 0.01	< 10	< 10	11	< 10	496	
T18233	201	229	< 0.01	14	360	198	2	4	15 < 0.01	< 10	< 10	12	< 10	858	
T18234	201	229	< 0.01	16	310	230	2	3	16 0.01	< 10	< 10	13	< 10	1420	
T18235	201	229	< 0.01	12	320	118	< 2	3	15 < 0.01	< 10	< 10	10	< 10	682	
T18236	201	229	< 0.01	13	300	188	< 2	3	13 < 0.01	< 10	< 10	10	< 10	878	
T18237	201	229	< 0.01	22	660	296	2	4	8 0.01	< 10	< 10	19	< 10	1825	
T18238	201	229	0.01	31	330	440	2	3	10 < 0.01	< 10	< 10	12	< 10	1695	
T18239	201	229	< 0.01	29	540	224	2	5	9 < 0.01	< 10	< 10	16	< 10	1355	
T18240	201	229	0.01	17	250	418	2	3	20 < 0.01	< 10	< 10	9	< 10	1150	
T18241	201	229	0.01	17	260	456	2	3	21 < 0.01	< 10	< 10	9	< 10	1150	
T18242	201	229	0.01	18	240	536	2	3	15 < 0.01	< 10	< 10	9	< 10	1235	
T18243	201	229	0.01	17	260	362	4	3	23 < 0.01	< 10	< 10	11	< 10	922	
T18244	201	229	0.01	15	310	258	2	3	25 < 0.01	< 10	< 10	8	< 10	752	
T18245	201	229	0.01	13	360	32	2	4	33 < 0.01	< 10	< 10	14	< 10	160	
T18246	201	229	< 0.01	25	580	34	< 2	7	11 0.03	< 10	< 10	38	< 10	158	
T18247	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
T18248	201	229	0.01	34	300	404	2	4	13 < 0.01	< 10	< 10	15	< 10	1675	
T18249	201	229	< 0.01	26	500	50	2	6	17 < 0.01	< 10	< 10	17	< 10	474	
T18250	201	229	< 0.01	14	650	328	< 2	3	12 0.01	< 10	< 10	25	< 10	1470	
T31201	201	229	< 0.01	17	620	386	< 2	3	12 0.01	< 10	< 10	29	< 10	1725	
T31202	201	229	< 0.01	17	660	414	< 2	3	12 0.01	< 10	< 10	30	< 10	1820	
T31203	201	229	< 0.01	18	700	346	< 2	3	10 0.01	< 10	< 10	32	< 10	1685	
T31204	201	229	< 0.01	20	760	108	< 2	6	13 0.02	< 10	< 10	30	< 10	512	
T31205	201	229	0.01	16	550	82	2	4	15 0.01	< 10	< 10	17	< 10	430	
T31206	201	229	0.01	10	370	90	2	2	15 0.01	< 10	< 10	12	< 10	498	
T31207	201	229	0.01	9	330	60	2	1	15 < 0.01	< 10	< 10	9	< 10	350	
T31208	201	229	0.01	9	240	26	2	1	16 < 0.01	< 10	< 10	9	< 10	168	
T31209	201	229	0.01	10	290	16	2	1	16 < 0.01	< 10	< 10	8	< 10	76	
T31210	201	229	0.01	15	830	44	< 2	2	17 < 0.01	< 10	< 10	13	< 10	156	
T31211	201	229	0.01	3	190	12	2	1	16 < 0.01	< 10	< 10	3	< 10	52	
T31212	201	229	0.01	8	470	16	2	1	13 < 0.01	< 10	< 10	9	< 10	130	

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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
T31213	201 229	< 0.2	0.51	26	70	1.0	< 2	6.82	0.5	3	9	50	3.98	< 10	< 1	0.05	< 10	3.91	3010	< 1
T31214	201 229	< 0.2	0.39	22	30	1.0	< 2	11.70	0.5	1	6	24	2.68	< 10	< 1	0.07	< 10	7.09	1460	< 1
T31215	201 229	< 0.2	0.46	62	40	1.0	< 2	10.40	0.5	2	11	68	3.60	< 10	< 1	0.04	< 10	6.41	1295	< 1
T31216	201 229	0.2	0.79	44	20	1.5	< 2	10.25	5.0	1	13	15	3.95	< 10	< 1	0.04	< 10	6.91	1715	< 1
T31217	201 229	< 0.2	1.73	54	90	1.5	< 2	1.11	6.0	4	22	97	14.45	10	< 1	0.10	20	2.11	8270	< 1
T31218	201 229	0.4	1.18	86	30	1.0	< 2	3.42	5.5	4	22	53	10.60	10	< 1	0.28	10	2.57	5330	< 1
T31219	201 229	0.2	1.19	36	30	1.0	< 2	3.75	1.5	4	21	36	7.85	10	< 1	0.29	< 10	3.04	4450	< 1
T31220	201 229	0.4	1.27	44	30	1.0	< 2	1.84	1.0	6	21	48	9.40	10	< 1	0.17	10	1.81	6360	< 1
T31221	201 229	0.4	1.43	40	30	1.0	< 2	1.68	1.0	7	24	53	9.97	10	< 1	0.17	10	2.05	7770	< 1
T31222	201 229	0.2	1.68	18	70	1.0	< 2	1.62	< 0.5	8	45	48	6.93	10	< 1	0.08	10	1.95	9080	< 1
T31223	201 229	0.6	2.06	34	30	1.0	< 2	1.20	< 0.5	8	31	38	10.35	10	< 1	0.12	20	2.45	>10000	< 1
T31224	201 229	< 0.2	0.58	34	10	< 0.5	< 2	4.71	0.5	4	13	92	>15.00	20	< 1	0.02	< 10	1.63	2630	< 1
T31225	201 229	< 0.2	1.09	22	30	0.5	< 2	2.33	0.5	8	13	49	12.55	10	< 1	0.10	20	2.06	4980	< 1
T31226	201 229	0.8	2.51	122	20	1.5	< 2	7.35	< 0.5	10	31	85	10.70	10	< 1	0.25	< 10	2.93	7170	< 1
T31227	201 229	< 0.2	2.50	12	40	1.0	< 2	1.15	< 0.5	7	39	64	7.89	10	< 1	0.21	20	3.38	4310	< 1
T31228	201 229	0.2	2.32	14	30	1.0	< 2	3.50	< 0.5	6	24	8	12.40	10	< 1	0.87	10	3.31	>10000	< 1
T31229	201 229	0.4	2.47	18	20	1.0	< 2	0.86	< 0.5	8	33	22	10.15	10	< 1	0.10	20	3.00	>10000	< 1
T31230	201 229	0.6	1.38	72	50	1.0	< 2	3.95	1.5	5	49	51	10.90	10	< 1	0.51	< 10	2.43	2820	< 1
T31231	201 229	< 0.2	0.95	8	90	< 0.5	< 2	0.83	0.5	3	20	3	>15.00	10	< 1	0.15	10	1.34	>10000	< 1
T31232	201 229	< 0.2	1.42	14	20	0.5	< 2	6.34	2.0	6	29	36	10.85	10	< 1	0.08	< 10	2.35	6650	< 1
T31233	201 229	< 0.2	1.22	66	40	1.5	< 2	0.65	10.5	3	22	24	>15.00	10	< 1	0.06	20	1.31	7740	< 1
T31234	201 229	< 0.2	2.33	6	70	1.5	< 2	4.54	2.0	5	28	2	11.05	10	< 1	0.06	10	2.74	9080	< 1
T31235	201 229	< 0.2	1.92	18	70	2.0	< 2	1.74	6.5	5	26	14	8.46	10	< 1	0.27	20	2.65	1815	< 1
T31236	201 229	< 0.2	0.68	58	40	< 0.5	< 2	3.56	12.5	1	10	30	>15.00	10	< 1	0.17	10	0.94	7770	< 1
T31237	201 229	0.2	1.61	12	70	0.5	< 2	4.84	0.5	6	26	13	2.98	< 10	< 1	0.15	< 10	4.30	780	< 1
T31238	201 229	0.2	0.81	6	70	1.0	< 2	7.47	0.5	3	14	13	3.55	< 10	< 1	0.08	< 10	5.01	2820	< 1
T31239	201 229	< 0.2	0.34	< 2	30	0.5	< 2	13.00	< 0.5	1	6	4	2.97	< 10	< 1	< 0.01	< 10	7.89	2830	< 1
T31240	201 229	1.4	2.98	248	100	1.5	2	0.51	5.0	76	12	458	9.50	10	< 1	0.08	30	0.93	6900	18
T31241	201 229	3.6	1.32	212	90	1.0	< 2	0.21	8.0	55	9	329	10.40	10	< 1	0.05	40	0.83	8440	17
T31242	201 229	2.0	1.24	594	30	0.5	14	0.01	< 0.5	14	20	269	10.75	10	< 1	0.04	80	0.35	920	19
T31243	201 229	0.4	1.88	206	60	1.0	4	0.05	< 0.5	3	129	112	7.09	10	< 1	0.26	80	0.58	185	6
T31244	201 229	0.2	3.53	362	70	3.0	< 2	0.06	< 0.5	56	32	133	6.73	10	< 1	0.07	20	1.46	2660	1
T31245	201 229	0.2	2.19	120	60	1.0	2	0.06	< 0.5	18	27	29	4.34	10	< 1	0.09	20	0.93	565	< 1
T31246	201 229	0.2	2.88	56	40	1.0	< 2	0.06	< 0.5	17	30	22	4.70	10	< 1	0.07	20	1.91	645	< 1
T31247	201 229	< 0.2	2.42	38	20	1.0	< 2	0.08	< 0.5	18	29	23	3.87	10	< 1	0.05	40	1.71	540	1
T31248	201 229	0.2	1.87	28	40	0.5	< 2	0.07	< 0.5	13	27	18	3.74	< 10	< 1	0.06	10	1.16	540	< 1
T31249	201 229	< 0.2	2.58	30	40	2.0	< 2	0.07	< 0.5	25	29	22	4.21	< 10	< 1	0.04	10	1.83	705	2
T31250	201 229	0.2	2.10	24	30	2.0	< 2	0.18	< 0.5	17	25	12	2.97	< 10	< 1	0.05	10	1.47	365	3
T31251	201 229	0.2	2.52	28	50	1.5	< 2	0.14	< 0.5	27	35	37	3.58	10	< 1	0.06	20	1.67	590	1
T31252	201 229	0.6	1.10	1335	80	0.5	< 2	0.78	< 0.5	125	11	1170	>15.00	10	< 1	0.04	10	0.68	9390	8

CERTIFICATION:

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T31213	201 229	0.01	13	1020	56	2	1	11	< 0.01	< 10	< 10	19	10	344
T31214	201 229	0.01	9	660	42	2	2	12	< 0.01	< 10	< 10	15	10	340
T31215	201 229	0.01	14	690	78	6	2	12	< 0.01	< 10	< 10	20	10	724
T31216	201 229	0.01	10	580	250	2	2	11	< 0.01	< 10	< 10	30	< 10	2760
T31217	201 229	< 0.01	15	860	372	< 2	5	7	0.02	< 10	< 10	49	10	3210
T31218	201 229	< 0.01	19	1010	1095	< 2	4	8	0.01	< 10	< 10	43	10	2880
T31219	201 229	< 0.01	24	870	684	< 2	4	9	0.01	< 10	< 10	31	10	970
T31220	201 229	< 0.01	29	890	476	< 2	4	6	0.01	< 10	< 10	33	10	636
T31221	201 229	< 0.01	37	880	676	< 2	6	8	0.01	< 10	< 10	37	10	682
T31222	201 229	< 0.01	34	1310	178	< 2	5	7	0.01	< 10	< 10	35	10	236
T31223	201 229	< 0.01	36	1080	228	< 2	7	13	0.02	< 10	< 10	48	10	252
T31224	201 229	< 0.01	21	880	88	< 2	3	12	< 0.01	< 10	< 10	35	20	208
T31225	201 229	< 0.01	21	740	98	< 2	4	10	0.01	< 10	< 10	15	10	298
T31226	201 229	< 0.01	35	990	78	< 2	5	26	0.03	< 10	< 10	47	20	158
T31227	201 229	< 0.01	33	1220	56	< 2	10	8	0.04	< 10	< 10	59	10	110
T31228	201 229	0.01	29	620	44	< 2	5	12	0.05	< 10	< 10	38	20	110
T31229	201 229	< 0.01	37	900	48	< 2	6	13	0.03	< 10	< 10	57	10	134
T31230	201 229	0.01	25	760	1225	2	4	11	0.02	< 10	< 10	53	20	1425
T31231	201 229	< 0.01	8	730	108	< 2	2	5	0.01	< 10	< 10	78	10	584
T31232	201 229	< 0.01	17	780	292	< 2	3	12	0.01	< 10	< 10	58	20	1215
T31233	201 229	< 0.01	20	890	1115	< 2	4	4	0.01	< 10	< 10	67	< 10	5320
T31234	201 229	< 0.01	18	690	348	< 2	6	12	0.01	< 10	< 10	30	20	2000
T31235	201 229	< 0.01	20	470	68	< 2	6	8	0.04	< 10	< 10	44	10	5520
T31236	201 229	< 0.01	10	530	560	< 2	3	12	< 0.01	< 10	< 10	32	< 10	>10000
T31237	201 229	0.01	17	610	208	2	3	14	0.04	< 10	< 10	35	< 10	538
T31238	201 229	0.01	9	680	38	2	1	11	0.02	< 10	< 10	19	< 10	242
T31239	201 229	< 0.01	5	350	14	2	1	9	< 0.01	< 10	< 10	6	< 10	78
T31240	201 229	0.03	123	1270	82	< 2	3	18	< 0.01	< 10	< 10	8	< 10	6470
T31241	201 229	< 0.01	90	700	422	4	4	8	0.01	< 10	< 10	10	< 10	6280
T31242	201 229	< 0.01	38	1690	82	28	3	4	< 0.01	< 10	< 10	15	< 10	288
T31243	201 229	0.02	14	1360	54	8	3	4	< 0.01	< 10	< 10	17	< 10	142
T31244	201 229	0.01	86	990	30	< 2	7	8	0.01	< 10	< 10	26	< 10	280
T31245	201 229	< 0.01	27	820	20	2	2	7	0.01	< 10	< 10	32	< 10	116
T31246	201 229	< 0.01	22	770	28	2	2	4	0.02	< 10	< 10	33	< 10	104
T31247	201 229	< 0.01	25	840	26	2	2	4	0.01	< 10	< 10	22	< 10	100
T31248	201 229	< 0.01	20	900	20	< 2	1	6	0.02	< 10	< 10	35	< 10	88
T31249	201 229	< 0.01	42	580	14	< 2	2	6	0.02	< 10	< 10	28	< 10	206
T31250	201 229	< 0.01	31	980	16	< 2	2	7	0.02	< 10	< 10	24	< 10	84
T31251	201 229	< 0.01	45	950	18	< 2	3	9	0.04	< 10	< 10	36	< 10	128
T31252	201 229	< 0.01	117	1250	16	< 2	10	17	< 0.01	< 10	< 10	12	< 10	74

CERTIFICATION:

Hart Bickler



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

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

Project : WERNECKE
Comments:

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CERTIFICATE OF ANALYSIS

A9318979

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
T31253	201 229	0.4	2.93	88	110	1.5	< 2	0.39	< 0.5	73	31	235	10.00	10	< 1	0.06	20	2.96	7200	< 1
T31254	201 229	0.2	1.10	24	80	0.5	< 2	2.41	< 0.5	57	14	60	5.36	< 10	< 1	0.04	10	1.37	6130	< 1
T31255	201 229	0.2	2.45	244	150	4.5	< 2	0.22	< 0.5	120	27	130	9.64	10	< 1	0.06	10	1.37	7900	< 2
T31256	201 229	0.2	2.10	98	140	3.5	< 2	0.12	< 0.5	61	28	109	7.15	10	< 1	0.05	10	1.12	5080	< 1
T31257	201 229	< 0.2	1.38	710	100	3.0	< 2	0.13	< 0.5	422	14	554	>15.00	10	< 1	0.02	10	1.14	>10000	< 1
T31258	201 229	< 0.2	2.46	74	100	5.0	< 2	0.15	< 0.5	55	28	116	5.48	10	< 1	0.06	20	1.80	3090	< 2
T31259	201 229	< 0.2	0.25	6	10	< 0.5	< 2	13.35	< 0.5	< 1	3	7	2.37	< 10	< 1	< 0.01	< 10	8.15	2410	< 1
T31260	201 229	< 0.2	0.37	16	30	< 0.5	< 2	11.15	< 0.5	2	6	14	3.39	< 10	< 1	0.01	< 10	6.90	3310	< 1
T31261	201 229	0.2	1.00	38	40	1.0	< 2	3.16	1.0	7	13	45	9.08	10	< 1	0.07	10	2.20	4190	< 1
T31262	201 229	0.4	0.90	94	30	1.0	< 2	6.56	1.5	6	15	80	8.68	< 10	< 1	0.11	< 10	3.62	3850	< 1
T31263	201 229	0.4	1.02	56	30	1.0	< 2	6.14	1.5	5	14	52	8.13	< 10	< 1	0.13	< 10	4.60	4280	< 1
T31264	201 229	0.6	0.98	60	60	1.0	< 2	6.94	3.0	7	18	56	8.31	< 10	< 1	0.07	< 10	2.83	1975	< 1
T31265	201 229	0.6	1.17	184	70	1.5	< 2	4.36	1.0	7	21	130	11.60	10	< 1	0.10	< 10	1.83	3780	< 1
T31266	201 229	0.2	0.68	76	20	1.5	< 2	8.11	0.5	3	11	39	7.35	< 10	< 1	0.08	< 10	4.81	3010	< 1
T31267	201 229	< 0.2	0.48	16	10	0.5	< 2	12.00	< 0.5	2	7	20	3.70	< 10	< 1	0.01	< 10	7.12	2740	< 1
T31268	201 229	0.2	0.49	8	20	0.5	< 2	12.55	< 0.5	1	7	13	2.76	< 10	< 1	0.02	< 10	7.95	2470	< 1
T31269	201 229	0.2	0.78	14	60	1.0	< 2	8.73	< 0.5	4	12	22	3.90	< 10	< 1	0.02	< 10	5.26	3610	< 1
T31270	201 229	0.2	0.21	8	20	< 0.5	< 2	12.75	< 0.5	< 1	4	9	3.02	< 10	< 1	< 0.01	< 10	7.78	2620	< 1
T31271	201 229	< 0.2	1.08	12	60	1.0	< 2	9.20	< 0.5	4	11	57	3.28	< 10	< 1	0.04	< 10	6.42	3050	< 1
T31272	201 229	< 0.2	0.57	6	20	0.5	< 2	13.30	< 0.5	1	6	11	2.48	< 10	< 1	0.01	< 10	8.48	2140	< 1
T31273	201 229	0.2	0.79	6	90	0.5	< 2	7.48	< 0.5	7	13	21	4.18	< 10	< 1	0.04	< 10	4.98	3450	< 1
T31274	201 229	0.2	1.03	52	40	1.0	< 2	3.55	0.5	6	19	90	10.05	10	< 1	0.16	10	2.15	4930	< 1
T31275	201 229	0.2	1.16	82	30	0.5	8	2.44	< 0.5	10	19	122	11.25	10	< 1	0.09	10	2.23	6160	< 1
T31276	201 229	< 0.2	0.73	14	10	0.5	< 2	5.62	< 0.5	7	11	26	7.90	< 10	< 1	0.04	< 10	4.09	4110	< 1
T31277	201 229	< 0.2	0.63	32	30	0.5	< 2	6.75	< 0.5	8	9	35	7.00	< 10	< 1	0.04	< 10	4.97	3320	< 1
T31278	201 229	< 0.2	2.24	56	20	1.0	< 2	6.52	< 0.5	8	25	49	7.49	10	< 1	0.24	< 10	4.20	4930	< 1
T31279	201 229	< 0.2	0.44	60	< 10	0.5	< 2	14.15	8.5	3	8	10	7.42	< 10	< 1	0.07	< 10	3.79	3230	< 1
T31280	201 229	< 0.2	1.37	62	20	1.5	< 2	6.46	2.0	4	20	32	11.55	10	< 1	0.28	< 10	3.10	6940	< 1
T31281	201 229	< 0.2	0.45	52	30	1.0	< 2	6.91	0.5	3	8	77	10.70	10	< 1	0.08	< 10	2.74	6140	< 1
T31282	201 229	< 0.2	0.75	36	40	1.0	< 2	7.49	0.5	4	13	48	9.97	10	< 1	0.16	< 10	3.89	4790	< 1
T31283	201 229	< 0.2	0.58	102	70	1.0	< 2	8.20	< 0.5	5	10	60	8.04	10	< 1	0.06	< 10	4.28	4100	< 1
T31284	201 229	1.2	0.39	44	50	1.5	< 2	7.15	< 0.5	4	8	75	7.82	10	< 1	0.03	< 10	3.47	4750	< 1
T31285	201 229	< 0.2	0.79	86	70	1.0	2	1.60	0.5	6	13	93	7.73	10	< 1	0.05	10	1.21	3730	< 1
T31286	201 229	< 0.2	1.25	66	140	1.5	< 2	1.08	0.5	9	25	59	9.65	10	< 1	0.09	20	1.15	3080	< 1
T31287	201 229	< 0.2	1.75	42	80	1.5	< 2	7.78	0.5	10	22	48	8.59	10	< 1	0.23	< 10	2.83	5410	< 1
T31288	201 229	< 0.2	1.81	40	60	1.5	< 2	6.97	0.5	10	24	41	10.50	10	< 1	0.29	< 10	2.72	7390	< 1
T31289	201 229	< 0.2	1.68	52	40	1.5	< 2	7.27	1.5	10	25	56	12.15	10	< 1	0.29	< 10	2.31	7370	< 1
T31290	201 229	< 0.2	1.38	104	30	1.0	< 2	6.95	4.0	9	23	72	12.10	10	< 1	0.28	< 10	3.30	5570	< 1
T31308	201 229	1.8	1.51	142	130	< 0.5	< 2	0.57	10.5	101	16	456	14.90	20	< 1	0.03	70	0.76	8160	< 1
T31309	201 229	1.0	2.92	648	160	1.5	< 2	0.28	13.0	113	11	551	14.05	40	< 1	0.02	150	1.26	>10000	< 23

CERTIFICATION:

Hart Buchler



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

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

Project : WERNECKE
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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
T31253	201 229	< 0.01	73	930	16	< 2	15	10	0.02	< 10	< 10	24	< 10	86
T31254	201 229	< 0.01	52	710	8	< 2	7	14	< 0.01	< 10	< 10	13	< 10	90
T31255	201 229	< 0.01	112	1480	38	< 2	9	10	0.02	< 10	< 10	34	< 10	154
T31256	201 229	< 0.01	103	690	24	< 2	6	9	0.04	< 10	< 10	36	< 10	194
T31257	201 229	< 0.01	331	660	36	< 2	13	10	0.01	< 10	< 10	12	< 10	224
T31258	201 229	< 0.01	90	430	12	< 2	8	9	0.03	< 10	< 10	30	< 10	172
T31259	201 229	0.01	3	150	12	2	1	14	< 0.01	< 10	< 10	5	< 10	62
T31260	201 229	0.01	6	200	46	2	1	15	< 0.01	< 10	< 10	8	< 10	166
T31261	201 229	< 0.01	23	950	82	< 2	3	9	0.01	< 10	< 10	24	< 10	1740
T31262	201 229	< 0.01	23	830	548	< 2	3	14	< 0.01	< 10	< 10	31	< 10	1595
T31263	201 229	< 0.01	17	780	318	< 2	3	11	< 0.01	< 10	< 10	29	< 10	1100
T31264	201 229	< 0.01	25	880	236	< 2	3	26	0.02	< 10	< 10	43	< 10	2870
T31265	201 229	< 0.01	27	850	294	< 2	4	14	0.01	< 10	< 10	42	< 10	1430
T31266	201 229	< 0.01	18	570	184	2	2	16	< 0.01	< 10	< 10	24	< 10	1040
T31267	201 229	< 0.01	9	230	72	2	1	13	< 0.01	< 10	< 10	9	< 10	226
T31268	201 229	0.01	6	300	36	2	1	15	< 0.01	< 10	< 10	9	< 10	112
T31269	201 229	0.01	13	750	24	< 2	2	14	< 0.01	< 10	< 10	17	< 10	88
T31270	201 229	0.01	5	200	32	2	1	12	< 0.01	< 10	< 10	3	< 10	50
T31271	201 229	0.01	12	610	22	2	2	15	0.01	< 10	< 10	15	< 10	86
T31272	201 229	0.01	7	170	18	2	1	15	< 0.01	< 10	< 10	8	< 10	68
T31273	201 229	< 0.01	26	280	10	2	2	14	0.02	< 10	< 10	16	< 10	116
T31274	201 229	< 0.01	24	990	126	2	5	11	0.01	< 10	< 10	37	< 10	366
T31275	201 229	< 0.01	36	1010	82	< 2	6	14	< 0.01	< 10	< 10	31	< 10	94
T31276	201 229	< 0.01	19	1000	36	< 2	5	14	< 0.01	< 10	< 10	15	< 10	54
T31277	201 229	< 0.01	21	760	54	2	4	14	< 0.01	< 10	< 10	13	< 10	68
T31278	201 229	< 0.01	19	1000	42	< 2	4	14	0.02	< 10	< 10	30	< 10	150
T31279	201 229	< 0.01	9	1190	1360	< 2	2	18	< 0.01	< 10	< 10	23	< 10	3120
T31280	201 229	< 0.01	14	1170	360	< 2	3	15	0.01	< 10	< 10	45	< 10	1555
T31281	201 229	< 0.01	11	1030	120	< 2	3	15	< 0.01	< 10	< 10	18	< 10	326
T31282	201 229	< 0.01	13	810	70	< 2	3	16	< 0.01	< 10	< 10	36	< 10	228
T31283	201 229	< 0.01	15	980	62	< 2	3	18	0.01	< 10	< 10	31	< 10	184
T31284	201 229	< 0.01	12	1060	58	< 2	3	18	< 0.01	< 10	< 10	26	< 10	156
T31285	201 229	< 0.01	20	1360	88	2	3	6	< 0.01	< 10	< 10	44	< 10	492
T31286	201 229	< 0.01	24	810	112	< 2	6	11	0.03	< 10	< 10	53	< 10	712
T31287	201 229	< 0.01	22	770	898	< 2	4	26	0.02	< 10	< 10	32	< 10	606
T31288	201 229	< 0.01	27	810	752	< 2	4	24	0.02	< 10	< 10	36	< 10	720
T31289	201 229	< 0.01	35	740	1275	< 2	4	26	0.03	< 10	< 10	44	< 10	1460
T31290	201 229	< 0.01	35	900	1230	< 2	3	19	0.01	< 10	< 10	44	< 10	2940
T31308	201 229	0.01	180	850	692	2	16	10	0.01	< 10	< 10	19	< 10	5210
T31309	201 229	0.01	180	850	434	< 2	15	8	< 0.01	< 10	< 10	11	< 10	6320

CERTIFICATION:

Hart B. Schiller



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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
T31310	201 229	< 0.2	4.46	994	100	0.5	< 2	0.07	4.0	58	9	746	>15.00	10	< 1	0.04	130	0.62	2820	27
T31311	201 229	< 0.2	1.50	126	120	0.5	< 2	0.53	0.5	17	11	113	4.94	10	< 1	0.51	40	1.43	4050	< 1
T31312	201 229	0.2	0.85	106	50	0.5	< 2	5.52	0.5	26	4	56	5.82	< 10	< 1	0.06	< 10	3.35	6370	2
T31313	201 229	< 0.2	1.63	152	70	0.5	< 2	1.69	< 0.5	66	9	285	10.75	10	< 1	0.15	30	1.50	3560	16
T31314	201 229	< 0.2	2.46	134	60	1.5	< 2	0.17	0.5	80	11	333	>15.00	20	< 1	0.02	30	0.49	>10000	13
T31315	201 229	< 0.2	2.44	124	50	1.0	< 2	0.14	< 0.5	33	27	154	9.11	10	< 1	0.06	10	0.73	1665	2
T31316	201 229	< 0.2	4.35	46	80	1.0	< 2	0.03	< 0.5	8	14	168	8.90	10	< 1	0.01	< 10	1.44	330	4
T31317	201 229	< 0.2	2.05	566	30	0.5	< 2	0.07	< 0.5	18	23	90	13.75	10	< 1	0.04	20	0.59	545	18
T31318	201 229	< 0.2	2.57	118	30	1.0	2	0.14	< 0.5	122	22	306	9.43	20	< 1	0.06	60	1.59	8700	6
T31319	201 229	1.8	3.72	56	70	1.0	< 2	0.50	< 0.5	65	38	88	9.08	20	< 1	0.03	20	3.59	8620	< 1
T31320	201 229	0.4	2.00	42	140	1.5	< 2	0.50	< 0.5	31	22	44	9.10	10	< 1	0.06	20	1.06	8070	< 1
T31321	201 229	0.8	2.88	62	70	2.0	< 2	0.07	< 0.5	14	33	84	5.87	10	< 1	0.07	20	0.76	540	4
T31322	201 229	< 0.2	1.84	64	30	1.0	6	0.06	< 0.5	11	30	84	7.83	10	< 1	0.06	20	0.50	585	7
T31323	201 229	3.2	2.74	14	30	3.0	< 2	0.32	< 0.5	46	30	17	5.97	10	< 1	0.05	20	1.99	4450	< 1
T31324	201 229	< 0.2	2.37	16	150	1.5	< 2	0.32	< 0.5	34	32	37	5.87	10	< 1	0.07	20	1.11	4120	< 1
T31325	201 229	< 0.2	3.81	26	60	3.5	< 2	0.34	< 0.5	93	40	141	7.10	10	< 1	0.07	20	3.62	3230	< 1
T31326	201 229	< 0.2	1.03	146	330	1.0	< 2	2.59	< 0.5	71	14	345	9.23	10	< 1	0.06	10	1.83	8770	< 1
T31327	201 229	< 0.2	1.73	46	130	1.0	< 2	2.40	< 0.5	43	22	105	7.05	10	< 1	0.06	20	2.17	6030	< 1
T31328	201 229	< 0.2	1.87	22	130	1.0	< 2	1.82	< 0.5	30	20	54	6.99	10	< 1	0.07	20	2.51	5800	< 1
T31329	201 229	< 0.2	0.95	32	60	0.5	< 2	7.84	< 0.5	15	11	21	5.75	< 10	< 1	0.03	< 10	4.53	3750	< 1
T31330	201 229	< 0.2	1.17	52	70	0.5	2	5.98	< 0.5	18	15	26	7.49	10	< 1	0.03	< 10	4.01	3870	< 1
T31331	201 229	< 0.2	0.91	72	30	< 0.5	< 2	8.96	< 0.5	17	15	20	8.44	10	< 1	0.01	< 10	5.63	2530	< 1
T31332	201 229	< 0.2	0.77	104	60	< 0.5	< 2	9.06	0.5	19	12	36	10.30	10	< 1	0.01	< 10	5.59	3370	< 1
T31333	201 229	0.4	0.46	192	10	< 0.5	< 2	9.84	< 0.5	11	7	55	9.79	10	< 1	< 0.01	< 10	5.89	3030	< 1
T31334	201 229	1.4	0.86	134	30	0.5	< 2	8.52	< 0.5	12	13	91	7.13	< 10	< 1	0.04	< 10	5.27	2260	< 1
T31335	201 229	< 0.2	0.58	64	30	< 0.5	< 2	10.00	< 0.5	7	10	22	6.23	< 10	< 1	0.01	< 10	5.56	3420	< 1
T31336	201 229	0.6	0.71	136	60	0.5	< 2	8.64	0.5	10	11	51	6.57	< 10	< 1	0.04	< 10	5.22	3680	< 1
T31337	201 229	0.8	1.23	100	130	0.5	< 2	5.80	0.5	13	18	62	7.03	10	< 1	0.08	< 10	3.00	4010	< 1
T31338	201 229	1.0	0.76	70	30	0.5	< 2	9.30	1.0	12	10	70	6.13	< 10	< 1	0.07	< 10	5.85	2750	< 1
T31339	201 229	< 0.2	1.17	56	100	0.5	< 2	5.95	0.5	10	18	58	5.79	< 10	< 1	0.17	< 10	2.59	3220	< 1
T31340	201 229	< 0.2	1.42	208	120	1.0	< 2	1.34	1.0	14	21	126	8.75	10	< 1	0.15	20	1.46	4000	< 1
T31341	201 229	0.6	0.90	46	170	1.0	< 2	9.56	1.0	10	9	276	4.83	< 10	< 1	0.07	< 10	6.31	3110	< 1
T31342	201 229	< 0.2	1.05	44	60	0.5	< 2	6.52	0.5	11	16	62	5.19	< 10	< 1	0.11	< 10	3.56	2520	< 1
T31343	201 229	< 0.2	0.54	18	40	0.5	< 2	8.70	1.5	4	8	35	4.69	< 10	< 1	0.07	< 10	5.61	3140	< 1
T31344	201 229	< 0.2	0.50	14	30	0.5	< 2	9.90	2.0	2	7	24	4.73	< 10	< 1	0.06	< 10	6.45	3330	< 1
T31345	201 229	< 0.2	0.61	26	40	0.5	< 2	8.88	1.5	3	8	31	5.05	< 10	< 1	0.06	< 10	5.92	3560	< 1
T31346	201 229	< 0.2	0.33	14	20	0.5	< 2	11.50	0.5	2	4	21	3.77	< 10	< 1	0.03	< 10	7.28	2790	< 1
T31347	201 229	< 0.2	0.50	26	110	0.5	< 2	9.24	< 0.5	6	6	72	3.19	< 10	< 1	0.04	< 10	6.06	2750	< 1
T31348	201 229	< 0.2	0.71	12	70	0.5	< 2	5.94	< 0.5	9	11	39	4.13	< 10	< 1	0.07	< 10	4.14	3350	< 1
T31349	201 229	< 0.2	0.39	12	40	0.5	< 2	10.65	< 0.5	4	6	29	2.95	< 10	< 1	0.02	< 10	6.86	2390	< 1

CERTIFICATION:

Jan Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

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

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

Project: WERNECKE
Comments:

Page Number :4-B
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Certificate Date: 18-AUG-93
Invoice No. :19318979
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Account :F

CERTIFICATE OF ANALYSIS

A9318979

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
R31310	201 229	0.04	174	2100	440	4	6	10	< 0.01	< 10	< 10	16	< 10	2000
R31311	201 229	0.01	32	920	118	< 2	2	11	0.03	< 10	< 10	9	< 10	336
R31312	201 229	< 0.01	33	610	82	4	2	39	< 0.01	< 10	< 10	4	< 10	464
R31313	201 229	< 0.01	122	580	66	4	3	21	0.01	< 10	< 10	15	< 10	266
R31314	201 229	< 0.01	239	1020	128	< 2	8	17	< 0.01	< 10	< 10	< 1	< 10	298
R31315	201 229	< 0.01	69	1310	16	2	3	6	< 0.01	< 10	< 10	19	< 10	50
R31316	201 229	< 0.01	33	1140	40	2	2	2	< 0.01	< 10	< 10	8	< 10	62
R31317	201 229	< 0.01	34	1770	96	6	2	4	0.01	< 10	< 10	25	< 10	106
R31318	201 229	< 0.01	166	580	32	< 2	6	4	< 0.01	< 10	< 10	13	< 10	106
R31319	201 229	< 0.01	65	640	12	2	20	9	< 0.01	< 10	< 10	26	< 10	66
R31320	201 229	< 0.01	42	1200	34	< 2	10	14	0.02	< 10	< 10	31	< 10	122
R31321	201 229	< 0.01	36	1020	14	12	3	9	0.01	< 10	< 10	31	< 10	70
R31322	201 229	< 0.01	18	1600	22	2	2	4	< 0.01	< 10	< 10	21	< 10	60
R31323	201 229	< 0.01	62	420	4	< 2	7	3	< 0.01	< 10	< 10	19	< 10	42
R31324	201 229	< 0.01	34	1260	26	< 2	6	10	0.02	< 10	< 10	36	< 10	104
R31325	201 229	< 0.01	71	800	14	4	8	7	0.01	< 10	< 10	30	< 10	72
R31326	201 229	< 0.01	48	590	24	2	9	15	0.01	< 10	< 10	12	< 10	100
R31327	201 229	< 0.01	48	430	16	< 2	8	13	0.01	< 10	< 10	17	< 10	68
R31328	201 229	< 0.01	41	520	18	< 2	7	14	0.02	< 10	< 10	21	< 10	74
R31329	201 229	< 0.01	24	440	22	2	3	20	< 0.01	< 10	< 10	17	< 10	64
R31330	201 229	0.01	31	730	40	2	4	20	0.01	< 10	< 10	29	< 10	90
R31331	201 229	0.01	28	660	42	4	3	20	< 0.01	< 10	< 10	37	< 10	62
R31332	201 229	0.01	37	560	62	2	2	19	< 0.01	< 10	< 10	25	< 10	110
R31333	201 229	< 0.01	31	410	102	2	1	16	< 0.01	< 10	< 10	25	< 10	96
R31334	201 229	0.01	27	570	32	2	2	19	< 0.01	< 10	< 10	26	< 10	94
R31335	201 229	0.01	14	550	38	2	2	19	< 0.01	< 10	< 10	27	< 10	84
R31336	201 229	0.01	19	600	128	< 2	2	20	< 0.01	< 10	< 10	22	< 10	348
R31337	201 229	< 0.01	23	780	182	2	3	20	0.01	< 10	< 10	31	< 10	512
R31338	201 229	0.01	19	570	298	< 2	2	19	< 0.01	< 10	< 10	22	< 10	970
R31339	201 229	< 0.01	21	650	154	< 2	4	19	0.02	< 10	< 10	27	< 10	680
R31340	201 229	< 0.01	30	790	298	< 2	4	9	0.02	< 10	< 10	36	< 10	1125
R31341	201 229	< 0.01	13	370	332	2	2	20	< 0.01	< 10	< 10	13	< 10	1310
R31342	201 229	< 0.01	20	570	90	< 2	3	20	0.01	< 10	< 10	21	< 10	588
R31343	201 229	0.01	13	590	214	< 2	2	14	< 0.01	< 10	< 10	16	< 10	964
R31344	201 229	0.01	9	450	228	< 2	2	12	< 0.01	< 10	< 10	16	< 10	1190
R31345	201 229	0.01	11	510	202	< 2	2	12	< 0.01	< 10	< 10	17	< 10	1145
R31346	201 229	0.01	7	310	122	2	1	15	< 0.01	< 10	< 10	10	< 10	684
R31347	201 229	0.01	11	360	48	2	2	14	< 0.01	< 10	< 10	10	< 10	144
R31348	201 229	0.01	16	670	60	2	3	12	0.01	< 10	< 10	15	< 10	238
R31349	201 229	0.01	11	370	22	4	2	15	< 0.01	< 10	< 10	9	< 10	86

CERTIFICATION:

Hart Bickler



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

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CERTIFICATE OF ANALYSIS

A9318979

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
T31350	201 229	0.8	0.49	22	50	< 0.5	< 2	12.40	< 0.5	3	13	41	4.33	< 10	< 1	0.02	< 10	8.40	3060	< 1
T31851	201 229	0.6	1.13	50	80	< 0.5	< 2	11.05	2.5	6	23	35	9.39	10	2	0.19	< 10	2.79	7550	< 1
T31852	201 229	0.6	1.18	52	80	< 0.5	< 2	8.24	3.5	5	23	40	11.40	10	< 1	0.22	< 10	2.79	8150	< 1
T31853	201 229	0.6	2.08	160	60	1.0	< 2	8.22	0.5	19	27	91	12.15	10	< 1	0.39	< 10	3.96	6160	< 1
T31854	201 229	0.4	1.26	132	50	< 0.5	< 2	7.14	3.5	10	25	135	10.20	10	< 1	0.24	< 10	5.16	4380	< 1
T31855	201 229	0.4	1.48	96	100	< 0.5	< 2	1.96	2.0	13	24	74	10.05	10	< 1	0.12	10	1.86	4390	1
T31856	201 229	0.2	0.75	94	40	< 0.5	4	9.29	1.5	6	18	96	8.60	< 10	< 1	0.14	< 10	5.87	3280	< 1
T31857	201 229	0.4	0.61	100	50	< 0.5	< 2	12.70	1.0	5	16	85	5.94	< 10	< 1	0.08	< 10	7.15	3240	< 1
T31858	201 229	0.2	1.37	66	130	< 0.5	< 2	4.36	0.5	9	24	67	6.59	10	< 1	0.15	10	2.34	2980	< 1
T31859	201 229	0.4	0.96	32	70	< 0.5	2	8.97	< 0.5	10	20	43	4.59	< 10	< 1	0.16	< 10	5.58	2450	< 1
T31860	201 229	0.4	1.44	38	150	< 0.5	< 2	2.60	0.5	11	24	44	5.25	10	< 1	0.11	10	2.17	2660	1
T31861	201 229	0.2	0.99	18	90	< 0.5	< 2	6.68	0.5	10	20	37	3.54	< 10	< 1	0.14	< 10	4.19	1735	< 1
T31862	201 229	0.4	0.55	16	70	< 0.5	< 2	11.75	< 0.5	4	13	22	4.34	< 10	< 1	0.02	< 10	7.49	4340	< 1
T31863	201 229	0.2	0.32	14	40	< 0.5	< 2	12.05	< 0.5	2	11	20	3.00	< 10	< 1	0.02	< 10	7.23	3020	< 1
T31864	201 229	0.2	0.21	< 2	20	< 0.5	< 2	>15.00	< 0.5	1	9	11	2.26	< 10	< 1	< 0.01	< 10	9.59	2440	< 1
T31865	201 229	0.2	0.79	74	40	0.5	6	9.62	0.5	4	18	88	7.17	< 10	< 1	0.17	< 10	6.47	2810	< 1
T31866	201 229	0.4	1.00	74	70	0.5	< 2	6.96	< 0.5	6	21	106	8.02	10	< 1	0.21	< 10	4.68	3590	< 1
T31867	201 229	0.2	0.62	62	40	< 0.5	2	10.20	< 0.5	4	17	80	6.87	< 10	< 1	0.15	< 10	6.52	2980	< 1
T31868	201 229	0.2	0.31	< 2	20	< 0.5	< 2	>15.00	< 0.5	2	12	21	2.79	< 10	< 1	0.01	< 10	10.10	2850	1
T31869	201 229	0.4	0.83	46	50	< 0.5	< 2	10.65	< 0.5	4	19	53	5.04	< 10	< 1	0.06	< 10	7.07	3030	< 1
T31870	201 229	0.2	0.79	110	20	0.5	2	11.00	1.0	4	19	112	6.20	< 10	< 1	0.05	< 10	7.25	2520	1
T31871	201 229	0.4	0.74	98	30	0.5	2	10.60	1.0	7	16	91	5.56	< 10	< 1	0.05	< 10	6.90	2630	< 1
T31872	201 229	< 0.2	0.43	48	20	< 0.5	< 2	12.25	1.0	4	14	42	4.62	< 10	< 1	0.03	< 10	7.81	2830	< 1
T31873	201 229	0.2	0.55	92	20	< 0.5	< 2	13.10	0.5	7	15	47	5.42	< 10	< 1	0.02	< 10	8.34	2320	1
T31874	201 229	0.2	0.63	122	20	0.5	< 2	11.70	3.5	7	18	82	6.26	< 10	< 1	0.04	< 10	7.55	2290	< 1
T31875	201 229	0.2	0.56	74	30	0.5	< 2	13.85	0.5	7	18	32	4.80	< 10	< 1	0.01	< 10	9.13	2830	1
T31876	201 229	0.4	1.17	40	30	< 0.5	2	13.40	< 0.5	20	19	33	5.26	< 10	< 1	0.01	< 10	9.52	3280	1
T31877	201 229	0.4	1.26	20	70	0.5	< 2	12.45	< 0.5	9	19	80	4.64	< 10	< 1	0.01	< 10	8.94	4330	1
T31878	201 229	0.4	2.39	18	30	1.0	< 2	9.31	0.5	9	35	43	5.72	< 10	< 1	0.01	< 10	8.58	4690	4
T31879	201 229	0.6	1.58	122	20	0.5	4	8.45	0.5	13	27	68	8.04	10	< 1	0.01	< 10	6.22	4160	1
T31880	201 229	0.2	2.04	64	30	1.0	2	8.28	< 0.5	7	28	82	7.79	< 10	< 1	0.79	< 10	6.63	3790	< 1
T31881	201 229	0.4	1.39	94	110	1.0	4	3.74	< 0.5	6	33	193	8.33	10	< 1	0.24	10	3.26	3410	< 1

CERTIFICATION:

Hart Bickler



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

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

Project: WERNECKE
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Page Number :5-B
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Account :F

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
~~T31850~~	201 229	0.01	11	380	34	4	2	20	< 0.01	< 10	< 10	20	< 10	186
~~T31851~~	201 229	0.01	14	970	726	4	3	30	0.02	< 10	< 10	48	< 10	1765
~~T31852~~	201 229	0.01	19	1100	940	4	3	24	0.02	< 10	< 10	53	< 10	2220
~~T31853~~	201 229	< 0.01	43	740	588	4	4	26	0.02	< 10	< 10	50	< 10	652
~~T31854~~	201 229	0.01	30	870	854	< 2	4	18	0.01	< 10	< 10	50	< 10	2460
T31855	201 229	< 0.01	36	860	776	2	6	11	0.02	< 10	< 10	54	< 10	1730
T31856	201 229	0.01	24	910	368	2	3	19	< 0.01	< 10	< 10	48	< 10	1190
T31857	201 229	0.01	18	490	238	4	2	26	< 0.01	< 10	< 10	28	< 10	758
T31858	201 229	0.01	26	730	202	4	5	20	0.02	< 10	< 10	44	< 10	738
T31859	201 229	0.01	19	580	138	< 2	3	25	0.01	< 10	< 10	29	< 10	438
T31860	201 229	< 0.01	25	780	138	2	6	15	0.02	< 10	< 10	40	< 10	402
T31861	201 229	0.01	21	670	86	2	3	23	0.02	< 10	< 10	32	< 10	288
T31862	201 229	0.01	8	490	62	2	2	16	< 0.01	< 10	< 10	20	< 10	210
T31863	201 229	0.01	8	380	34	2	1	18	< 0.01	< 10	< 10	16	< 10	130
T31864	201 229	0.01	5	170	16	4	1	21	< 0.01	< 10	< 10	14	< 10	50
T31865	201 229	0.01	18	1070	52	4	3	19	0.01	< 10	< 10	57	< 10	250
T31866	201 229	0.01	16	1220	68	4	3	16	0.01	< 10	< 10	65	< 10	248
T31867	201 229	0.01	15	860	46	4	2	19	< 0.01	< 10	< 10	48	< 10	218
T31868	201 229	0.01	6	200	6	< 2	1	21	< 0.01	< 10	< 10	14	< 10	56
T31869	201 229	0.01	15	710	26	2	3	21	0.01	< 10	< 10	38	< 10	206
T31870	201 229	0.01	16	960	74	2	2	17	< 0.01	< 10	< 10	40	< 10	1100
T31871	201 229	0.01	18	1020	64	2	2	16	< 0.01	< 10	< 10	40	< 10	904
T31872	201 229	0.01	9	570	50	2	2	16	< 0.01	< 10	< 10	35	< 10	928
T31873	201 229	0.01	12	570	58	2	2	19	< 0.01	< 10	< 10	39	< 10	288
T31874	201 229	0.01	13	670	74	< 2	2	18	< 0.01	< 10	< 10	44	< 10	2420
T31875	201 229	0.01	14	570	26	4	3	21	< 0.01	< 10	< 10	35	< 10	966
T31876	201 229	0.01	23	330	26	4	1	27	< 0.01	< 10	< 10	24	< 10	62
T31877	201 229	0.01	17	430	24	2	2	25	< 0.01	< 10	< 10	29	< 10	62
T31878	201 229	0.01	27	1150	16	< 2	6	18	< 0.01	< 10	< 10	60	< 10	90
T31879	201 229	0.01	36	1270	50	6	3	20	< 0.01	< 10	< 10	71	< 10	244
T31880	201 229	0.01	23	1700	18	4	3	17	0.01	< 10	< 10	72	< 10	150
T31881	201 229	0.01	21	1500	40	2	6	17	0.03	< 10	< 10	133	< 10	156

CERTIFICATION:

Hart Bickler



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

Project: WERNECKE
Comments: CC: ERIC FINLAYSON

Page Number : 3-A
Total Pages : 6
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Account : F

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
T33055	201 229	0.4	0.93	6	110	< 0.5	< 2	6.46	0.5	12	20	42	2.58	< 10	< 1	0.11	10	4.58	2480	1
T33056	201 229	0.2	0.94	< 2	60	< 0.5	< 2	9.02	< 0.5	10	20	35	2.31	< 10	< 1	0.16	< 10	5.26	1980	< 1
T33057	201 229	0.4	1.30	< 2	60	< 0.5	< 2	5.06	0.5	11	21	40	2.72	< 10	< 1	0.20	10	4.24	1555	< 1
T33058	201 229	0.4	1.01	< 2	30	< 0.5	< 2	7.93	< 0.5	13	18	26	1.70	< 10	< 1	0.20	< 10	6.20	1975	< 1
T33214	201 229	1.2	3.67	70	60	< 0.5	< 2	0.08	2.5	163	24	288	13.70	10	< 1	0.04	10	1.42	8930	27
T33215	201 229	1.2	2.54	214	20	< 0.5	< 2	0.04	6.0	43	33	424	>15.00	10	< 1	0.04	30	0.45	3730	14
T33216	201 229	2.8	1.92	166	30	< 0.5	< 2	0.07	8.0	68	21	691	>15.00	10	< 1	0.03	30	0.42	4710	13
T33217	201 229	1.2	0.84	188	< 10	< 0.5	< 2	8.39	1.0	9	16	896	>15.00	10	< 1	0.11	< 10	1.51	1805	< 1
T33338	201 229	0.2	0.79	16	70	< 0.5	< 2	6.70	< 0.5	10	17	44	3.18	< 10	< 1	0.10	< 10	4.58	2290	< 1
T33339	201 229	0.4	1.43	8	120	< 0.5	< 2	2.13	0.5	11	21	32	5.66	< 10	< 1	0.11	10	2.14	5090	< 1
T33340	201 229	0.6	1.31	2	110	< 0.5	< 2	1.19	0.5	13	18	26	4.24	< 10	< 1	0.10	20	1.44	3850	< 1
T33341	201 229	0.4	0.91	8	90	< 0.5	< 2	1.98	< 0.5	10	16	30	3.61	< 10	< 1	0.09	10	1.27	4120	< 1
T33342	201 229	0.4	1.11	8	80	< 0.5	< 2	5.45	0.5	10	19	41	4.54	< 10	< 1	0.12	10	3.84	4410	< 1
T33343	201 229	0.6	1.41	4	80	< 0.5	< 2	4.86	0.5	8	19	32	6.82	< 10	< 1	0.19	< 10	1.87	7370	< 1
T33344	201 229	0.4	1.29	24	110	< 0.5	< 2	1.92	0.5	15	18	87	5.18	10	< 1	0.11	10	1.71	4890	< 1
T33345	201 229	0.6	1.50	24	100	< 0.5	< 2	0.96	0.5	18	22	54	6.16	10	< 1	0.14	20	1.46	5060	1
T33346	201 229	0.6	1.37	26	100	< 0.5	< 2	1.23	0.5	16	21	47	5.61	< 10	< 1	0.12	10	1.34	4960	2
T33347	201 229	0.4	1.51	24	80	< 0.5	< 2	4.74	0.5	17	22	83	5.72	< 10	< 1	0.14	10	3.56	4160	1
T33348	201 229	0.4	1.11	24	80	< 0.5	< 2	2.50	< 0.5	15	18	38	4.79	< 10	< 1	0.13	10	2.13	5020	1
T33349	201 229	0.6	1.31	24	90	< 0.5	< 2	0.93	0.5	18	21	38	5.34	< 10	< 1	0.11	10	1.40	4800	1
T33350	201 229	0.6	1.05	34	70	< 0.5	< 2	3.63	< 0.5	16	19	31	4.53	< 10	< 1	0.15	10	3.04	3620	2
T33351	201 229	0.4	1.10	28	60	< 0.5	< 2	3.36	< 0.5	14	21	34	4.07	< 10	< 1	0.12	10	2.99	2920	1
T33352	201 229	0.2	1.24	18	80	< 0.5	< 2	1.04	< 0.5	15	20	26	3.77	< 10	< 1	0.09	10	1.36	3020	1
T33498	201 229	0.2	1.28	4	60	< 0.5	< 2	5.75	< 0.5	10	19	30	2.33	< 10	< 1	0.20	10	4.08	1290	1
T33499	201 229	0.4	0.68	8	50	< 0.5	< 2	8.08	0.5	9	18	28	1.88	< 10	< 1	0.14	< 10	5.25	1565	< 1
T33500	201 229	0.4	1.36	22	60	< 0.5	< 2	4.71	1.5	6	20	37	8.82	< 10	< 1	0.24	< 10	2.87	6860	< 1
T33501	201 229	0.4	1.05	6	30	< 0.5	< 2	7.73	0.5	8	22	26	3.29	< 10	< 1	0.14	10	5.92	2710	1
T33502	201 229	0.2	1.00	4	30	< 0.5	< 2	7.66	0.5	8	23	25	3.31	< 10	< 1	0.13	10	5.71	2470	< 1
T33503	201 229	0.4	1.78	20	60	< 0.5	< 2	3.82	1.5	7	28	37	10.10	10	< 1	0.21	10	2.67	6810	< 1
T33504	201 229	0.6	1.32	18	180	< 0.5	< 2	1.66	0.5	10	21	29	4.64	10	< 1	0.12	10	1.39	6050	1
T33505	201 229	0.4	1.77	16	80	< 0.5	< 2	1.84	0.5	11	21	29	5.26	10	< 1	0.21	10	2.39	5540	1
T33506	201 229	0.6	1.54	10	60	< 0.5	< 2	6.75	0.5	10	26	26	4.63	< 10	< 1	0.28	10	5.19	5800	< 1
T33507	201 229	0.6	1.67	2	50	< 0.5	< 2	7.09	0.5	7	26	20	5.78	< 10	< 1	0.09	10	4.67	7650	< 1
T33508	201 229	0.6	0.88	4	50	< 0.5	< 2	9.46	0.5	5	15	13	3.92	< 10	< 1	0.04	< 10	6.22	5210	< 1
T33509	201 229	0.6	1.63	6	70	< 0.5	< 2	4.41	0.5	15	23	31	5.18	< 10	< 1	0.16	10	4.38	4530	< 1
T33510	201 229	0.4	1.93	6	70	< 0.5	< 2	0.88	0.5	14	26	28	4.83	< 10	< 1	0.24	10	2.28	4490	2
T33511	201 229	0.2	2.03	6	50	< 0.5	< 2	2.38	0.5	12	29	25	4.48	< 10	< 1	0.30	10	3.74	4260	< 1
T33512	201 229	0.6	1.22	14	60	< 0.5	< 2	4.02	0.5	19	27	190	7.42	< 10	< 1	0.13	10	2.78	5540	3
T33513	201 229	0.4	2.20	4	60	< 0.5	< 2	0.88	< 0.5	20	38	140	5.35	10	< 1	0.17	20	2.50	2730	1
T33514	201 229	0.6	1.03	6	40	< 0.5	< 2	10.75	0.5	9	20	18	4.08	< 10	< 1	0.09	< 10	7.43	4650	1

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

Project : WERNECKE
Comments: CC: ERIC FINLAYSON

Page No. : 3-B
Total Pages : 6
Certificate Date: 21-AUG-93
Invoice No. : I9318980
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9318980

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
T33055	201 229	0.01	20	550	12	2	4	20	0.02	< 10	< 10	24	20	74
T33056	201 229	0.01	14	430	60	< 2	3	39	0.01	< 10	< 10	19	20	132
T33057	201 229	< 0.01	19	580	28	2	5	13	0.01	< 10	< 10	23	20	108
T33058	201 229	0.01	15	440	4	2	3	18	< 0.01	< 10	10	15	20	38
T33214	201 229	< 0.01	273	2070	32	6	6	4	< 0.01	< 10	10	22	30	2710
T33215	201 229	< 0.01	95	1590	272	14	6	1	< 0.01	< 10	< 10	21	10	1770
T33216	201 229	0.01	162	1990	816	2	8	10	< 0.01	< 10	< 10	15	20	3120
T33217	201 229	< 0.01	20	760	222	6	3	10	< 0.01	< 10	< 10	18	80	234
T33338	201 229	0.01	17	540	38	2	3	20	0.01	< 10	10	21	20	82
T33339	201 229	< 0.01	21	610	56	2	6	10	0.01	< 10	< 10	31	30	98
T33340	201 229	< 0.01	20	680	18	4	6	8	0.01	< 10	< 10	28	10	74
T33341	201 229	< 0.01	17	970	18	2	3	8	< 0.01	< 10	< 10	21	10	88
T33342	201 229	0.01	18	540	16	< 2	4	17	0.02	< 10	< 10	26	30	74
T33343	201 229	< 0.01	12	710	10	2	3	25	0.02	< 10	10	30	40	114
T33344	201 229	< 0.01	26	920	34	4	4	11	0.01	< 10	< 10	25	20	130
T33345	201 229	< 0.01	37	850	28	4	6	6	0.01	< 10	< 10	35	10	90
T33346	201 229	< 0.01	33	890	32	4	5	7	0.01	< 10	< 10	33	20	92
T33347	201 229	< 0.01	36	800	26	2	4	14	0.02	< 10	< 10	29	30	70
T33348	201 229	< 0.01	28	910	18	4	4	9	0.01	< 10	< 10	25	20	58
T33349	201 229	< 0.01	35	980	22	< 2	6	5	0.01	< 10	< 10	31	10	90
T33350	201 229	< 0.01	38	920	24	4	6	10	0.01	< 10	10	33	20	70
T33351	201 229	< 0.01	33	740	30	2	5	8	0.01	< 10	< 10	28	20	76
T33352	201 229	< 0.01	23	780	20	< 2	3	6	0.01	< 10	< 10	27	10	128
T33498	201 229	< 0.01	18	530	14	< 2	4	15	< 0.01	< 10	< 10	19	10	92
T33499	201 229	0.01	13	480	12	4	3	19	< 0.01	< 10	< 10	16	20	68
T33500	201 229	< 0.01	15	1020	204	6	4	15	0.02	< 10	10	39	50	712
T33501	201 229	0.01	22	690	38	4	4	14	0.01	< 10	< 10	30	20	92
T33502	201 229	0.01	20	700	30	4	4	14	0.01	< 10	< 10	29	30	134
T33503	201 229	< 0.01	17	680	354	< 2	6	12	0.03	< 10	< 10	49	40	882
T33504	201 229	< 0.01	20	1370	118	2	3	9	0.01	< 10	10	32	20	374
T33505	201 229	< 0.01	18	750	68	2	4	9	0.03	< 10	< 10	29	20	250
T33506	201 229	0.01	17	640	22	2	4	17	0.02	< 10	10	29	30	92
T33507	201 229	< 0.01	15	540	24	4	4	20	0.01	< 10	10	28	40	94
T33508	201 229	0.01	8	680	32	2	2	20	< 0.01	< 10	10	16	30	66
T33509	201 229	< 0.01	20	600	62	2	4	13	0.03	< 10	10	27	30	90
T33510	201 229	< 0.01	24	1040	40	< 2	5	8	0.03	< 10	10	29	10	158
T33511	201 229	< 0.01	21	820	24	4	4	9	0.03	< 10	< 10	31	20	92
T33512	201 229	< 0.01	55	1090	52	< 2	5	16	0.01	< 10	< 10	47	30	134
T33513	201 229	< 0.01	40	690	48	2	6	10	0.04	< 10	< 10	48	10	124
T33514	201 229	0.01	11	740	64	2	2	22	0.01	< 10	10	21	40	212

CERTIFICATION:

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

Project: WERNECKE-CORD
Comments: CC: ERIC FINLAYSON

Page No. : 1-A
Total Pages : 2
Certificate Date: 21-AUG-93
Invoice No. : 19318994
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Account : F

CERTIFICATE OF ANALYSIS

A9318994

SAMPLE	PREP CODE	Au ppb FA+AA	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
T 31298	201 229	125	1.4	0.28	82	40	< 0.5	< 2	1.63	0.5	1	24	84	12.55	< 10	< 1	0.83	< 10	0.20	365
T 31299	201 229	65	6.4	0.29	196	110	< 0.5	< 2	1.55	1.0	1	12	39	7.25	< 10	< 1	0.62	< 10	0.17	345
T 31300	201 229	< 5	< 0.2	1.17	64	10	< 0.5	< 2	8.27	12.5	2	24	24	9.92	< 10	< 1	0.79	< 10	4.10	2740
T 31301	201 229	< 5	0.2	2.26	52	50	< 0.5	< 2	3.54	1.5	6	26	73	12.05	< 10	< 1	0.39	< 10	3.29	5900
T 31395	201 229	< 5	< 0.2	2.04	8	110	< 0.5	< 2	0.22	0.5	32	24	76	4.02	< 10	< 1	0.24	30	2.24	2340
T 31396	201 229	< 5	< 0.2	2.16	< 2	90	< 0.5	< 2	2.17	0.5	20	28	64	3.20	< 10	< 1	0.25	20	3.64	1160
T 31397	201 229	< 5	< 0.2	0.38	< 2	20	< 0.5	< 2	8.84	0.5	11	11	43	2.51	< 10	< 1	0.11	< 10	6.02	940
T 31398	201 229	< 5	0.2	0.52	4	40	< 0.5	< 2	8.37	< 0.5	8	11	22	1.94	< 10	< 1	0.10	< 10	5.59	1795
T 31399	201 229	< 5	< 0.2	0.66	6	40	< 0.5	< 2	8.80	< 0.5	8	15	19	1.69	< 10	< 1	0.12	< 10	6.21	1385
T 31464	201 229	< 5	0.4	2.52	< 2	50	< 0.5	< 2	4.54	0.5	3	33	117	6.82	< 10	< 1	0.16	< 10	4.88	4120
T 31465	201 229	< 5	0.6	3.85	66	30	< 0.5	< 2	0.58	1.0	23	42	368	>15.00	< 10	< 1	0.10	< 10	2.83	2670
T 31466	201 229	< 5	0.2	1.33	26	20	< 0.5	< 2	7.87	0.5	7	20	91	7.92	< 10	< 1	0.12	< 10	5.57	2380
T 31467	201 229	< 5	0.2	1.72	46	20	< 0.5	< 2	4.65	< 0.5	4	21	65	11.65	< 10	< 1	0.12	< 10	4.55	2180
T 31468	201 229	< 5	0.4	1.42	54	10	< 0.5	< 2	4.05	0.5	6	19	81	12.35	< 10	< 1	0.15	< 10	3.57	2280
T 31469	201 229	< 5	< 0.2	0.22	< 2	20	< 0.5	< 2	14.50	< 0.5	< 1	8	6	2.05	< 10	< 1	0.01	< 10	9.58	2180
T 31470	201 229	< 5	0.4	0.41	< 2	20	< 0.5	< 2	13.85	< 0.5	2	15	13	2.92	< 10	< 1	0.01	< 10	9.29	2650
T 31471	201 229	< 5	0.2	0.29	< 2	10	< 0.5	< 2	>15.00	< 0.5	1	11	37	2.57	< 10	< 1	< 0.01	< 10	10.05	2680
T 31472	201 229	< 5	0.4	0.34	2	10	< 0.5	< 2	>15.00	< 0.5	1	13	22	2.42	< 10	< 1	< 0.01	< 10	10.30	2390
T 31473	201 229	< 5	0.4	0.33	< 2	20	< 0.5	< 2	13.95	< 0.5	2	11	9	2.25	< 10	< 1	0.01	< 10	9.37	2350
T 31474	201 229	< 5	0.2	0.29	4	30	< 0.5	< 2	12.15	< 0.5	2	11	17	2.27	< 10	< 1	< 0.01	< 10	8.02	2150
T 31475	201 229	< 5	0.4	0.39	12	90	< 0.5	< 2	13.20	< 0.5	3	13	21	2.63	< 10	< 1	0.04	< 10	8.91	2660
T 31476	201 229	< 5	0.4	0.40	10	40	< 0.5	< 2	12.45	< 0.5	3	15	32	3.01	< 10	< 1	0.03	< 10	8.42	2390
T 31477	201 229	< 5	0.2	0.44	12	20	< 0.5	< 2	12.20	< 0.5	4	13	27	2.73	< 10	< 1	0.09	< 10	8.31	1950
T 31478	201 229	< 5	< 0.2	0.61	38	20	< 0.5	< 2	11.75	5.0	3	19	35	6.41	< 10	< 1	0.10	< 10	6.18	3440
T 31479	201 229	< 5	0.4	1.00	42	70	< 0.5	< 2	7.53	0.5	9	22	51	4.61	< 10	< 1	0.17	< 10	4.59	2480
T 31480	201 229	< 5	0.6	1.13	62	70	< 0.5	< 2	5.60	1.5	8	24	83	7.16	< 10	< 1	0.16	< 10	3.32	3120
T 31481	201 229	< 5	0.4	0.88	48	80	< 0.5	< 2	7.76	1.5	6	21	54	6.22	< 10	< 1	0.12	< 10	3.88	2920
T 31482	201 229	10	0.6	1.47	28	150	< 0.5	< 2	6.21	1.0	9	28	59	6.18	< 10	< 1	0.16	< 10	3.37	3230
T 31483	201 229	< 5	0.4	1.50	34	170	< 0.5	< 2	2.01	1.5	10	25	57	7.17	< 10	< 1	0.19	< 10	1.85	4080
T 31484	201 229	< 5	0.4	1.03	30	100	< 0.5	< 2	7.05	0.5	8	21	41	5.22	< 10	< 1	0.13	< 10	4.55	2530
T 31485	201 229	< 5	0.2	1.54	18	150	< 0.5	< 2	3.49	1.0	11	27	42	5.51	< 10	< 1	0.15	< 10	2.17	3220
T 31486	201 229	< 5	0.2	1.23	8	130	< 0.5	< 2	2.79	0.5	8	22	31	4.12	< 10	< 1	0.11	< 10	2.44	2390
T 31487	201 229	< 5	0.4	1.15	12	130	< 0.5	< 2	5.19	0.5	9	21	31	3.84	< 10	< 1	0.14	< 10	2.97	2320
T 31488	201 229	< 5	0.4	0.93	6	110	< 0.5	< 2	6.52	< 0.5	5	18	23	3.47	< 10	< 1	0.08	< 10	4.19	2430
T 31579	201 229	< 5	0.4	1.91	50	70	< 0.5	< 2	4.74	0.5	6	26	58	9.92	< 10	< 1	0.37	< 10	3.39	5240
T 31580	201 229	< 5	0.8	1.73	62	30	< 0.5	< 2	7.28	1.0	9	28	47	8.95	< 10	< 1	0.25	< 10	3.00	6070
T 31581	201 229	< 5	0.6	1.69	74	20	< 0.5	< 2	4.62	1.5	15	37	130	>15.00	< 10	< 1	0.33	< 10	2.76	4430
T 31582	201 229	< 5	0.6	1.12	162	40	< 0.5	< 2	4.08	1.0	4	31	33	>15.00	< 10	< 1	0.80	< 10	2.05	2190
T 31583	201 229	25	< 0.2	0.53	128	10	< 0.5	< 2	3.10	18.0	7	17	94	>15.00	< 10	< 1	0.51	< 10	2.25	2630
T 31584	201 229	< 5	1.0	2.02	62	< 10	< 0.5	< 2	3.74	2.0	21	42	222	>15.00	< 10	< 1	0.20	< 10	3.12	3780

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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 31298	201 229	4	0.01	6	620	376	16	2	32	0.01	< 10	< 10	47	< 10	60
T 31299	201 229	8	< 0.01	5	600	2070	26	3	17	0.04	< 10	< 10	25	< 10	136
T 31300	201 229	< 1	< 0.01	7	700	1880	< 2	3	12	0.03	< 10	< 10	69	50	4590
T 31301	201 229	< 1	< 0.01	23	820	328	< 2	5	12	0.03	< 10	< 10	49	20	1020
T 31395	201 229	< 1	< 0.01	32	380	66	< 2	8	3	< 0.01	< 10	< 10	23	< 10	324
T 31396	201 229	< 1	< 0.01	24	660	44	2	8	13	0.01	< 10	< 10	24	< 10	216
T 31397	201 229	< 1	0.01	16	310	42	2	3	13	< 0.01	< 10	< 10	13	20	112
T 31398	201 229	< 1	0.01	9	520	4	< 2	3	16	0.01	< 10	< 10	16	20	52
T 31399	201 229	< 1	0.01	10	340	8	< 2	3	17	0.01	< 10	< 10	18	20	48
T 31464	201 229	< 1	0.01	15	840	78	2	6	14	0.02	< 10	< 10	45	30	262
T 31465	201 229	1	< 0.01	63	750	106	4	10	8	0.02	< 10	< 10	105	< 10	426
T 31466	201 229	< 1	0.01	18	580	106	2	4	15	0.01	< 10	< 10	32	30	106
T 31467	201 229	< 1	0.01	14	660	158	< 2	4	9	0.01	< 10	< 10	40	30	82
T 31468	201 229	< 1	0.01	12	640	242	< 2	4	9	0.01	< 10	< 10	39	20	84
T 31469	201 229	< 1	0.01	3	110	< 2	4	1	18	< 0.01	< 10	< 10	10	30	68
T 31470	201 229	< 1	0.01	8	250	8	< 2	1	23	< 0.01	< 10	< 10	13	30	46
T 31471	201 229	< 1	0.01	4	130	18	< 2	1	23	< 0.01	< 10	< 10	12	30	24
T 31472	201 229	< 1	0.01	4	160	4	2	1	20	< 0.01	< 10	< 10	13	30	26
T 31473	201 229	< 1	0.01	4	160	2	< 2	1	17	< 0.01	< 10	< 10	12	20	30
T 31474	201 229	< 1	0.01	5	210	8	2	1	16	< 0.01	< 10	< 10	11	20	30
T 31475	201 229	< 1	0.01	9	300	12	2	1	19	< 0.01	< 10	< 10	14	20	50
T 31476	201 229	< 1	0.01	11	380	14	< 2	2	17	< 0.01	< 10	< 10	16	20	64
T 31477	201 229	< 1	0.01	12	390	4	< 2	1	17	< 0.01	< 10	< 10	14	20	186
T 31478	201 229	< 1	0.01	13	560	20	< 2	2	18	< 0.01	< 10	< 10	37	40	4850
T 31479	201 229	1	0.01	16	510	186	< 2	3	26	0.01	< 10	< 10	28	20	634
T 31480	201 229	< 1	0.01	25	700	400	< 2	3	18	0.01	< 10	< 10	36	< 10	1060
T 31481	201 229	< 1	0.01	19	630	366	< 2	2	21	0.01	< 10	< 10	32	20	906
T 31482	201 229	< 1	0.01	24	690	206	< 2	5	24	0.03	< 10	< 10	41	10	504
T 31483	201 229	< 1	0.01	24	950	264	< 2	5	12	0.02	< 10	< 10	43	< 10	786
T 31484	201 229	< 1	0.01	18	660	136	2	4	20	0.01	< 10	< 10	32	20	310
T 31485	201 229	1	0.01	22	630	166	< 2	6	21	0.04	< 10	< 10	43	< 10	396
T 31486	201 229	1	< 0.01	20	550	72	< 2	5	10	0.02	< 10	< 10	32	< 10	212
T 31487	201 229	< 1	0.01	17	630	82	< 2	4	20	0.01	< 10	< 10	28	< 10	232
T 31488	201 229	< 1	0.01	12	560	66	< 2	3	16	0.01	< 10	< 10	25	10	172
T 31579	201 229	< 1	< 0.01	17	760	260	6	4	15	0.02	< 10	< 10	45	< 10	478
T 31580	201 229	< 1	< 0.01	39	630	1265	4	4	20	0.03	< 10	< 10	47	< 10	928
T 31581	201 229	2	< 0.01	59	740	1260	< 2	5	16	0.03	< 10	< 10	71	< 10	882
T 31582	201 229	3	0.01	22	880	1120	6	3	18	0.03	< 10	< 10	50	< 10	330
T 31583	201 229	< 1	0.01	22	1350	2900	< 2	3	12	< 0.01	< 10	< 10	35	< 10	>10000
T 31584	201 229	3	< 0.01	125	780	1900	< 2	7	13	0.01	< 10	< 10	70	< 10	1550

CERTIFICATION:

Hart Bichler



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PHONE: 604-984-0221

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

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

Project : WERNECKE-CORD
Comments: CC: ERIC FINLAYSON

Page No. : 2-A
Total Pages : 2
Certificate Date: 21-AUG-93
Invoice No. : 19318994
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9318994

SAMPLE	PREP CODE	Au ppb FA+AA	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
T 31585	-- --																			
T 31586	201 229	40	1.4	1.04	206	10	< 0.5	< 2	2.20	3.5	11	32	73	>15.00	10	< 1	0.36	< 10	1.09	1745
T 31587	201 229	< 5	1.6	2.17	138	20	< 0.5	< 2	3.20	5.0	12	40	93	>15.00	10	< 1	0.52	< 10	2.43	3670
T 31588	201 229	15	1.2	1.32	122	10	< 0.5	< 2	6.32	3.0	14	28	93	>15.00	10	< 1	0.24	< 10	3.84	6390
T 31589	201 229	< 5	0.6	1.70	110	20	< 0.5	< 2	3.96	8.5	11	33	99	>15.00	10	< 1	0.51	< 10	3.24	4470
T 31613	201 229	< 5	0.4	1.06	46	10	< 0.5	< 2	8.74	5.5	3	22	34	8.35	< 10	< 1	0.35	< 10	4.44	4310
T 31617	201 229	105	7.2	1.29	126	130	< 0.5	< 2	2.26	1.5	1	33	38	9.43	< 10	< 1	0.98	< 10	0.64	685
T 31660	201 229	20	0.6	0.81	30	40	< 0.5	< 2	6.96	< 0.5	11	18	21	3.39	< 10	< 1	0.22	< 10	5.18	1870
T 31661	201 229	25	0.6	0.68	40	20	< 0.5	< 2	5.49	< 0.5	10	15	37	3.98	< 10	< 1	0.12	< 10	3.34	2710
T 31992	201 229	15	0.4	0.43	4	50	< 0.5	< 2	7.16	< 0.5	6	13	10	2.76	< 10	< 1	0.13	< 10	4.62	3160
T 31993	201 229	< 5	0.4	0.79	24	70	< 0.5	< 2	1.02	< 0.5	14	14	13	4.76	< 10	< 1	0.20	10	1.04	3510
T 31994	201 229	< 5	0.6	0.56	12	40	< 0.5	< 2	8.27	< 0.5	7	14	9	2.66	< 10	< 1	0.11	10	5.78	2800
T 31995	201 229	< 5	0.6	0.82	14	60	< 0.5	< 2	4.28	< 0.5	11	16	12	3.47	< 10	< 1	0.20	10	3.31	3070
T 31996	201 229	< 5	0.4	0.50	< 2	30	< 0.5	< 2	10.60	< 0.5	4	14	7	1.75	< 10	< 1	0.13	< 10	7.49	1630
T 31997	201 229	< 5	0.4	0.70	< 2	40	< 0.5	< 2	8.31	< 0.5	8	16	9	2.21	< 10	< 1	0.19	10	6.11	1330
T 31998	201 229	< 5	0.4	0.80	< 2	30	< 0.5	< 2	8.87	< 0.5	9	17	11	2.14	< 10	< 1	0.38	< 10	6.80	900
T 31999	201 229	< 5	0.4	1.42	4	50	< 0.5	< 2	4.87	0.5	19	21	20	3.30	< 10	< 1	0.14	10	4.70	1700

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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

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

Project : WERNECKE-CORD
Comments: CC: ERIC FINLAYSON

Page Number : 2-B
Total Pages : 2
Certificate Date: 21-AUG-93
Invoice No. : 19318994
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9318994

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 31585															
T 31586	201 229	4	0.01	36	880	1220	12	4	17	0.01	< 10	< 10	66	< 10	694
T 31587	201 229	< 1	0.01	58	850	1610	< 2	6	15	0.02	< 10	< 10	53	< 10	2650
T 31588	201 229	1	0.01	77	710	648	2	4	17	0.01	< 10	< 10	57	20	1415
T 31589	201 229	1	0.01	49	820	1085	< 2	4	16	0.02	< 10	< 10	78	20	4420
T 31613	201 229	< 1	< 0.01	9	950	710	< 2	3	14	0.01	< 10	< 10	50	40	2470
T 31617	201 229	3	0.02	11	620	2310	8	4	34	0.05	< 10	< 10	45	< 10	1025
T 31660	201 229	3	0.01	29	680	28	2	3	17	< 0.01	< 10	< 10	28	10	58
T 31661	201 229	4	< 0.01	43	1020	48	2	3	12	< 0.01	< 10	< 10	22	< 10	32
T 31992	201 229	< 1	0.01	17	540	14	< 2	3	19	< 0.01	< 10	< 10	15	< 10	34
T 31993	201 229	2	< 0.01	34	700	14	< 2	4	6	< 0.01	< 10	< 10	22	< 10	34
T 31994	201 229	1	0.01	16	520	8	2	3	19	< 0.01	< 10	< 10	19	20	30
T 31995	201 229	1	0.01	23	690	12	2	3	10	< 0.01	< 10	10	23	< 10	38
T 31996	201 229	1	0.01	11	310	6	2	2	16	< 0.01	< 10	< 10	16	20	22
T 31997	201 229	< 1	0.01	15	520	8	2	3	13	< 0.01	< 10	< 10	21	10	34
T 31998	201 229	< 1	0.01	16	420	12	< 2	2	15	0.01	< 10	< 10	17	20	96
T 31999	201 229	< 1	0.01	23	610	6	< 2	5	13	< 0.01	< 10	< 10	19	< 10	58

CERTIFICATION:

Haut Bichler



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

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

Project: WP (JOLI)
Comments: CC: E. FINLAYSON ✓

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Page No. : 1-A
Total Pages : 1
Certificate Date: 23-AUG-93
Invoice No. : 19318995
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9318995

SAMPLE	PREP CODE	Au ppb FA+AA	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
T 32489	201 229	< 5	0.8	0.25	14	140	0.5	< 2	12.20	0.5	13	11	28	3.25	< 10	< 1	0.07	< 10	8.11	3810
T 32490	201 229	< 5	5.6	0.27	152	40	< 0.5	< 2	4.42	3.0	14	10	70	9.75	< 10	< 1	0.09	10	2.81	1975
T 32491	201 229	< 5	1.6	0.06	28	10	< 0.5	< 2	9.60	1.5	2	10	36	9.40	< 10	< 1	0.01	< 10	6.60	1040
T 32492	201 229	< 5	4.2	0.14	100	10	< 0.5	< 2	7.00	12.5	4	7	23	11.60	< 10	< 1	0.03	< 10	4.66	1000
T 32493	201 229	< 5	0.8	1.17	48	110	1.0	< 2	0.54	5.5	21	24	55	9.56	< 10	< 1	0.08	10	0.53	2080
T 32494	201 229	< 5	8.2	0.14	164	10	< 0.5	< 2	9.02	4.5	4	11	25	11.10	< 10	< 1	0.04	< 10	6.12	1375
T 32495	201 229	< 5	16.4	0.05	340	10	< 0.5	< 2	7.82	0.5	10	9	236	10.45	< 10	< 1	0.03	< 10	4.59	1245
T 32496	201 229	< 5	5.4	0.14	140	10	< 0.5	< 2	0.42	2.0	11	7	61	>15.00	< 10	< 1	0.03	< 10	0.29	1555
T 32497	201 229	< 5	2.6	0.09	80	10	< 0.5	< 2	6.31	4.0	6	9	39	13.25	< 10	< 1	0.02	< 10	4.24	1370
T 32498	201 229	< 5	6.8	0.13	160	10	< 0.5	< 2	7.97	5.0	5	12	41	12.50	< 10	< 1	0.04	< 10	5.45	1240
T 32499	201 229	< 5	0.4	0.16	8	20	< 0.5	< 2	13.35	0.5	3	12	27	3.09	< 10	< 1	0.01	< 10	9.03	965
T 32500	201 229	< 5	0.6	0.19	36	40	< 0.5	< 2	10.95	0.5	9	12	65	4.32	< 10	< 1	0.02	< 10	7.20	1930
T 32501	201 229	< 5	1.0	0.66	32	70	1.0	< 2	4.18	0.5	14	16	49	4.90	< 10	< 1	0.11	10	2.90	1490
T 32502	201 229	< 5	0.6	1.00	14	80	1.0	< 2	3.17	0.5	11	20	38	3.72	< 10	< 1	0.21	20	2.51	1415
T 32503	201 229	< 5	0.8	0.44	48	40	0.5	< 2	7.81	< 0.5	12	15	77	5.95	< 10	< 1	0.09	< 10	5.19	1530
T 32504	201 229	< 5	1.6	0.59	70	70	0.5	< 2	2.45	0.5	15	14	59	9.49	< 10	< 1	0.10	10	1.56	2850
T 32505	201 229	< 5	0.2	1.33	28	130	1.0	< 2	0.56	< 0.5	11	24	44	6.50	< 10	< 1	0.12	20	0.78	4100
T 32506	201 229	< 5	0.6	1.31	22	90	1.0	< 2	3.19	0.5	15	23	44	6.46	< 10	< 1	0.11	10	3.02	2670
T 32507	201 229	< 5	0.4	1.24	22	110	1.0	< 2	1.91	< 0.5	12	22	43	4.88	< 10	< 1	0.10	10	1.69	2540
T 32508	201 229	< 5	0.8	0.68	28	70	0.5	< 2	5.34	0.5	16	17	33	6.87	< 10	< 1	0.07	10	3.84	2880
T 32514	201 229	< 5	< 0.2	0.49	32	30	0.5	< 2	7.78	8.0	4	16	40	7.81	< 10	< 1	0.04	10	5.28	1410
T 32515	201 229	< 5	3.4	0.16	208	80	< 0.5	< 2	2.89	8.0	11	7	244	>15.00	< 10	< 1	0.03	10	1.95	2090
T 32516	201 229	< 5	4.6	0.09	124	10	< 0.5	< 2	8.00	4.5	6	8	25	14.75	< 10	< 1	0.03	< 10	5.49	1355
T 32517	201 229	< 5	6.6	0.10	132	10	< 0.5	< 2	8.62	7.0	3	10	14	13.00	< 10	< 1	0.03	< 10	5.87	1375
T 32518	201 229	< 5	15.0	0.10	172	40	< 0.5	< 2	3.47	7.5	4	6	21	>15.00	< 10	< 1	0.19	< 10	2.28	815
T 32519	201 229	< 5	2.2	0.07	66	20	< 0.5	< 2	7.97	13.0	6	9	54	12.65	< 10	< 1	0.01	< 10	5.29	1835
T 32520	201 229	< 5	2.8	0.06	48	10	< 0.5	< 2	9.49	1.5	3	10	15	10.85	< 10	< 1	0.02	< 10	6.36	1520
T 32521	201 229	< 5	28.0	0.26	350	20	< 0.5	< 2	5.63	13.5	6	10	44	>15.00	< 10	< 1	0.13	< 10	3.98	1015
T 32522	201 229	< 5	2.6	0.22	96	30	0.5	< 2	10.35	5.0	8	11	21	9.14	< 10	< 1	0.03	< 10	7.22	1435
T 32523	201 229	< 5	3.2	0.19	88	20	0.5	< 2	11.50	1.5	6	11	80	7.24	< 10	< 1	0.02	< 10	7.78	2320
T 32524	201 229	< 5	0.4	0.08	26	20	0.5	< 2	14.05	0.5	3	11	51	3.90	< 10	< 1	0.01	< 10	9.28	2230
T 32525	201 229	< 5	0.6	1.77	28	110	1.5	< 2	4.15	< 0.5	7	24	29	4.81	< 10	< 1	0.03	20	4.59	5000
T 32526	201 229	< 5	0.4	1.37	16	150	2.5	< 2	0.64	0.5	16	22	28	4.99	< 10	< 1	0.10	10	0.92	2300
T 32527	201 229	< 5	0.4	2.18	8	140	2.0	< 2	0.54	0.5	19	23	46	5.38	< 10	< 1	0.07	10	1.88	3650
T 32528	201 229	< 5	0.4	0.54	16	90	1.5	< 2	6.58	< 0.5	20	13	34	3.49	< 10	< 1	0.07	10	4.10	3050
T 32529	201 229	< 5	0.6	0.72	20	90	1.0	< 2	2.01	1.0	12	14	29	4.69	< 10	< 1	0.11	10	1.25	2080
T 32530	201 229	< 5	0.8	0.51	26	100	0.5	< 2	5.39	0.5	9	13	74	5.54	< 10	< 1	0.06	10	3.40	5060
T 32531	201 229	< 5	0.6	0.44	22	80	0.5	< 2	6.73	0.5	10	13	45	6.12	< 10	< 1	0.05	10	4.45	3070
T 32532	201 229	< 5	0.4	0.59	20	60	1.0	< 2	8.20	< 0.5	9	16	28	4.28	< 10	< 1	0.07	10	5.45	2450
T 32533	201 229	< 5	0.4	0.25	62	70	1.0	< 2	7.06	0.5	13	12	73	9.49	< 10	< 1	0.03	< 10	4.67	2220

CERTIFICATION:

Hart Bickler



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

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Page Number : 1-B
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CERTIFICATE OF ANALYSIS

A9318995

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 32489	201 229	< 1	0.01	19	330	56	4	3	23	< 0.01	< 10	< 10	12	10	142
T 32490	201 229	< 1	< 0.01	41	460	368	14	5	12	< 0.01	< 10	< 10	11	20	984
T 32491	201 229	< 1	0.01	7	100	298	4	1	14	< 0.01	< 10	< 10	12	30	400
T 32492	201 229	< 1	0.01	17	120	656	< 2	2	11	< 0.01	< 10	< 10	11	50	4010
T 32493	201 229	< 1	< 0.01	42	640	142	4	8	9	0.03	< 10	< 10	34	< 10	1440
T 32494	201 229	6	0.01	17	130	2050	14	2	15	< 0.01	< 10	< 10	21	50	3020
T 32495	201 229	< 1	0.01	32	60	2500	50	2	12	< 0.01	< 10	< 10	13	30	328
T 32496	201 229	< 1	< 0.01	27	180	686	18	3	1	< 0.01	< 10	< 10	7	< 10	1540
T 32497	201 229	1	0.01	20	100	634	8	3	9	< 0.01	< 10	< 10	11	40	1980
T 32498	201 229	15	0.01	21	90	1910	12	2	14	< 0.01	< 10	< 10	19	50	3030
T 32499	201 229	< 1	0.01	8	90	96	4	1	17	< 0.01	< 10	< 10	14	< 10	186
T 32500	201 229	< 1	0.01	19	160	48	4	2	20	< 0.01	< 10	< 10	13	10	94
T 32501	201 229	< 1	< 0.01	29	670	72	4	6	11	< 0.01	< 10	< 10	17	< 10	188
T 32502	201 229	< 1	< 0.01	19	810	104	2	7	10	0.01	< 10	< 10	24	< 10	222
T 32503	201 229	< 1	0.01	32	330	66	6	4	19	0.01	< 10	< 10	17	< 10	102
T 32504	201 229	< 1	< 0.01	51	740	110	8	6	8	< 0.01	< 10	< 10	18	< 10	102
T 32505	201 229	< 1	< 0.01	22	990	36	< 2	11	8	0.02	< 10	< 10	39	< 10	192
T 32506	201 229	< 1	0.01	30	690	48	4	8	12	0.01	< 10	< 10	28	< 10	124
T 32507	201 229	< 1	< 0.01	23	870	34	2	7	10	0.01	< 10	< 10	30	< 10	164
T 32508	201 229	< 1	0.01	36	410	38	4	7	16	< 0.01	< 10	< 10	19	< 10	58
T 32514	201 229	5	0.01	17	270	328	< 2	3	17	0.01	< 10	< 10	27	20	4390
T 32515	201 229	13	< 0.01	47	140	986	4	4	4	< 0.01	< 10	< 10	21	30	4650
T 32516	201 229	21	0.01	30	90	1010	8	2	14	< 0.01	< 10	< 10	23	40	2320
T 32517	201 229	10	0.01	19	60	2720	2	2	15	< 0.01	< 10	< 10	23	40	3830
T 32518	201 229	10	0.01	13	110	9080	8	3	6	< 0.01	< 10	< 10	11	20	3730
T 32519	201 229	< 1	0.01	21	80	298	< 2	2	13	< 0.01	< 10	< 10	10	50	6490
T 32520	201 229	< 1	0.01	13	70	614	4	2	16	< 0.01	< 10	< 10	14	30	760
T 32521	201 229	4	0.01	18	110	9850	24	3	12	< 0.01	< 10	< 10	17	50	7150
T 32522	201 229	26	0.01	31	80	800	2	1	19	< 0.01	< 10	< 10	19	30	3590
T 32523	201 229	3	0.01	20	150	222	8	2	20	< 0.01	< 10	< 10	18	20	758
T 32524	201 229	11	0.01	19	130	62	4	1	20	< 0.01	< 10	< 10	21	10	558
T 32525	201 229	2	0.01	25	580	88	2	5	13	0.01	< 10	< 10	34	< 10	366
T 32526	201 229	< 1	< 0.01	26	680	68	< 2	11	11	0.02	< 10	< 10	34	< 10	224
T 32527	201 229	< 1	< 0.01	26	720	64	2	10	8	0.02	< 10	< 10	32	< 10	264
T 32528	201 229	< 1	0.01	21	410	68	4	5	17	< 0.01	< 10	< 10	16	< 10	364
T 32529	201 229	1	< 0.01	21	640	176	6	5	7	0.01	< 10	< 10	21	< 10	462
T 32530	201 229	< 1	0.01	19	560	56	4	6	16	< 0.01	< 10	< 10	22	< 10	126
T 32531	201 229	2	0.01	21	320	78	6	5	15	< 0.01	< 10	< 10	20	< 10	132
T 32532	201 229	7	0.01	21	500	22	4	4	15	< 0.01	< 10	< 10	30	< 10	124
T 32533	201 229	< 1	0.01	26	230	194	6	4	15	< 0.01	< 10	< 10	14	10	102

CERTIFICATION:

Hart Bickler

APPENDIX B
ROCK SAMPLE DESCRIPTIONS

Jolly Property, Rock Samples - 1993

Samp. #	UTM N	UTM E	DESCRIPTION	Ag pp	Al %	As ppm	Bi ppm	Ca %	Cd pp	Cu pp	Fe %	Hg pp	K %	Mg %
17996	7188000	555300	Vein float, massive cpy & py with lim.	83.6	<0.01	10	2	1.39	1.5	>1000	>15.00	<1	0.01	0.76
17997	7188270	556340	10m chip, rusty weather blk carbonaceous shale.	0.6	0.47	14	<2	0.21	<0.5	400	1.00	<1	0.39	0.22
18198	7183870	555070	Dolm mdst, thin bedded, minor Mn stain, Tr py, tr gn on frac.	0.2	0.32	<2	<2	10.77	<0.5	35	0.66	<1	0.26	6.78
18199	7183950	555140	Float mudst, fissile, slightly sil, <1.0% py blebs.	<0.2	0.79	4	4	5.88	<0.5	24	1.91	<1	0.26	3.89
18200	7184050	555130	Float bx'd sltst, slightly sil., minor calcite vnlets, 0.5% diss py.	<0.2	0.43	<2	4	11.62	<0.5	28	1.72	<1	0.10	7.29
18201	7184180	555130	~ 20m chip, gossan flt (?), >10% diss & bed py, qtz vnlets.	0.8	0.07	56	<2	0.12	0.5	39	10.41	<1	0.11	0.07
18202	7184400	555160	Interbed sltst & strom. dolm, tr diss and py blebs in sltst.	<0.2	1.40	8	<2	4.26	<0.5	53	2.19	2	0.41	3.50
18203	7184890	555750	Grab outcrop of blk cht, <1% diss py, Fe and Mn staining.	0.6	0.17	20	<2	0.04	<0.5	38	4.90	1	0.10	0.03
18204	7185160	555560	O/C cht'y dolm, cht lenses rim'd by py <3cm wide, Mn stain.	1.4	0.10	54	<2	0.36	0.5	48	>15.00	<1	0.07	0.22
18205	7185360	555030	O/C cht'y dolm, as T18204, <5% py diss & vns, <5% diss sph.	<0.2	0.21	100	<2	0.34	>100.0	134	10.83	29	0.19	0.30
18206	7186130	552180	0.5m chip, bleb of py in fine interbed. limestone/dolm.	<0.2	1.62	34	<2	7.85	<0.5	32	2.76	<1	0.27	4.86
18207	7185730	552090	Float on scree slope of dolm mdst with 1cm vein of py.	1.8	0.80	60	<2	10.73	2.0	7	3.18	<1	0.61	6.10
18208	7184050	553880	Grab over 10m of scree, interbed dolm/mdst with py chert.	1.4	1.01	32	<2	7.27	1.0	14	2.25	<1	0.96	1.97
18209	7185830	554760	1.5m chip, recessive blk dolm mdst.	5.0	0.53	34	<2	>15.00	<0.5	5	1.43	<1	0.23	7.21
18210	7187120	554650	1.5m chip, dolm mdst, X-cut by calcite vns hosting <5% py.	5.8	0.29	32	<2	>15.00	<0.5	286	1.24	<1	0.17	7.49
18211	7186910	554600	1.0m chip, interbed. dolm sltst/mdst with tr py in calcite vnlets.	0.2	1.79	34	<2	1.08	<0.5	22	3.60	<1	0.52	2.11
18212	7186870	554610	Limonitic float, grab over 25m in scree.	6	0.75	300	10	0.49	<0.5	124	>15.00	<1	0.13	0.40
18213	7186840	554510	Limonitic float, grab over 25m in scree.	0.6	0.64	340	2	0.45	2.0	85	>15.00	2	0.06	0.20
18214	7186820	554340	Limonitic float, grab over 25m in scree.	14.0	0.67	480	2	0.11	<0.5	87	>15.00	2	0.12	0.21
18215	7186730	554100	Limonitic float, grab over 25m in scree.	4.2	0.60	332	2	0.10	7.0	74	>15.00	1	0.11	0.19
18216	7186200	553650	Float (?), banded sltst, tr py & sph (?) bands in calcite vns.	1	0.22	64	11	>15.00	<0.5	6	1.21	<1	0.19	10.30
18217	7186100	553700	Float, dolm sltst, 5% py vns, 3-5% sph.	2	0.13	64	<10	>15.00	21.0	13	7.11	1	0.05	8.83
18218	7186050	553650	Limonitic gossanous material.	0.6	0.86	16	<2	0.22	<0.5	2	1.82	<1	0.72	0.30
18219	7185800	553530	1.0m chip, bx'd dolm, 3-5% gn, sph ?, <5% py.	6	0.13	60	10	>15.00	>100.0	90	3.61	7	0.07	8.76
18220	7185860	553480	Similar to T18219??	18	0.24	84	<10	10.49	>100.0	97	10.54	16	0.10	5.98
18221	7188080	553600	Massive limonite in float	3.4	0.79	282	2	0.14	2.5	72	>15.00	<1	0.04	0.28
18222	7187620	553500	Float, bx'd dolm mdst, py, sph, gn.	66	0.17	76	<10	8.91	>100.0	48	5.05	85	0.10	5.03
18223	7187630	553600	Float (?) from gossan.	3	0.26	48	14	3.11	7.5	11	7.36	<1	0.25	1.59
18224	7187630	553600	Float (?) from gossan.	7	0.38	34	<10	2.60	>100.0	117	3.60	58	0.36	1.65
32608	7190620	553930	Float, limonite bx, high Mn - slag.	10.2	0.10	1210	2	0.11	2.5	237	>15.00	7	0.08	0.07
32609	7190500	553980	Float-bx'd cht/mdst/sltst, py in matrix, <1% sph in vns.	8.4	0.35	168	2	7.54	38.5	14	>15.00	9	0.04	3.99
32610	7190130	554130	Grab/float(?), py blebs, <5% sph in calcite vns.	11.4	0.21	208	<2	7.59	16.5	5	>15.00	6	0.06	4.10
32611	7190010	554100	5m chip, blk fiss. carb mdst, limonitic-gossan.	0.2	1.02	18	<2	2.20	3.0	15	2.30	<1	0.72	1.54
32612	7189090	554100	Random chip, sil. fiss. sltst, tr py & sph, Fe stained.	<0.2	0.24	<2	<2	14.80	0.5	12	1.13	<1	0.03	10.00
32613	7189000	553780	Random chip, sil. sltst, Mn weathering, tr py blebs.	<0.2	0.20	4	<2	14.45	0.5	11	2.50	<1	0.13	9.52
32614	7190560	553550	Float, blk flag.-fiss. mdst, ~5% diss py.	0.4	0.25	40	6	0.29	<0.5	7	5.76	<1	0.20	0.16
33353	7190170	554380	Float, gossanous decomposed sulphide vnlets & bx filling.	23.2	0.13	692	<2	0.24	8.0	42	>15.00	<1	0.06	0.24
33354	7190100	553980	Float, gossan decomp. 'massive' py, sph, & pyritic dolm.	<0.2	0.03	10	<2	9.56	32.5	6	6.51	5	0.02	6.11

Jolly Property, Rock Samples - 1993

Samp. #	UTM N	UTM E	DESCRIPTION	Mn pp	P ppm	Pb pp	Sb pp	W ppm	Zn ppm	Cu %	Pb %	Zn %	Ag g/t
17996	7188000	555300	Vein float, massive cpy & py with lim.	635	4750	70	<2	2590	1110				
17997	7188270	556340	10m chip, rusty weather blk carbonaceous shale.	20	800	58	2	<10	38				
18198	7183870	555070	Dolm mdst, thin bedded, minor Mn stain, Tr py, tr gn on frac.	250	250	22	2	10	46				
18199	7183950	555140	Float mudst, fissile, slightly sil, <1.0% py blebs.	305	170	24	2	10	48				
18200	7184050	555130	Float bx'd sltst, slightly sil., minor calcite vnlets, 0.5% diss py.	475	100	96	4	20	80				
18201	7184180	555130	~ 20m chip, gossan flt (?), >10% diss & bed py, qtz vnlets.	45	90	178	4	<10	234				
18202	7184400	555160	Interbed sltst & strom. dolm, tr diss and py blebs in sltst.	250	220	42	2	10	100				
18203	7184890	555750	Grab outcrop of blk cht, <1% diss py, Fe and Mn staining.	40	80	164	4	<10	140				
18204	7185160	555560	O/C cht'y dolm, cht lenses rim'd by py <3cm wide, Mn stain.	70	110	216	6	<10	284				
18205	7185360	555030	O/C cht'y dolm, as T18204, <5% py diss & vns, <5% diss sph.	25	110	614	<2	90	>10000				
18206	7186130	552180	0.5m chip, bleb of py in fine interbed. limestone/dolm.	350	390	42	<2	<10	114				
18207	7185730	552090	Float on scree slope of dolm mdst with 1cm vein of py.	435	90	134	<2	<10	750				
18208	7184050	553880	Grab over 10m of scree, interbed dolm/mdst with py chert.	170	170	468	<2	<10	828				
18209	7185830	554760	1.5m chip, recessive blk dolm mdst.	470	60	10	2	<10	28				
18210	7187120	554650	1.5m chip, dolm mdst, X-cut by calcite vns hosting <5% py.	735	<10	30	<2	<10	40				
18211	7186910	554600	1.0m chip, interbed. dolm sltst/mdst with tr py in calcite vnlets.	120	200	36	2	<10	120				
18212	7186870	554610	Limonitic float, grab over 25m in scree.	725	140	1142	26	<10	4942	0.01	0.12	0.48	6.0
18213	7186840	554510	Limonitic float, grab over 25m in scree.	770	<10	1000	38	<10	6230				
18214	7186820	554340	Limonitic float, grab over 25m in scree.	750	<10	1500	100	<10	712				
18215	7186730	554100	Limonitic float, grab over 25m in scree.	425	40	1200	22	<10	5506				
18216	7186200	553650	Float (?), banded sltst, tr py & sph (?) bands in calcite vns.	1130	250	82	6	<10	184	<0.01	0.01	0.01	<0.3
18217	7186100	553700	Float, dolm sltst, 5% py vns, 3-5% sph.	1135	100	388	2	<10	7100	<0.01	0.05	0.75	1.7
18218	7186050	553650	Limonitic gossanous material.	40	110	116	2	<10	68				
18219	7185800	553530	1.0m chip, bx'd dolm, 3-5% gn, sph ?, <5% py.	1445	80	2644	<2	10	>1000	0.01	0.31	5.02	5.3
18220	7185860	553480	Similar to T18219??	840	130	>1000	<2	<10	>1000	0.01	2.49	12.30	17.0
18221	7188080	553600	Massive limonite in float	260	<10	1800	29	<10	3356				
18222	7187620	553500	Float, bx'd dolm mdst, py, sph, gn.	735	120	>1000	14	<10	>1000	<0.01	2.89	14.90	66.4
18223	7187630	553600	Float (?) from gossan.	195	150	418	8	<10	1592	<0.01	0.06	0.14	2.4
18224	7187630	553600	Float (?) from gossan.	190	100	428	<2	<10	>1000	0.01	0.05	8.62	5.1
32608	7190620	553930	Float, limonite bx, high Mn - slag.	140	80	4054	54	<10	3680				
32609	7190500	553980	Float-bx'd cht/mdst/sltst, py in matrix, <1% sph in vns.	570	30	1894	2	50	>1000	<0.01	0.23	2.36	0.21
32610	7190130	554130	Grab/float(?), py blebs, <5% sph in calcite vns.	575	40	3546	16	9252	<0.01	0.40	0.96	0.32	
32611	7190010	554100	5m chip, blk fiss. carb mdst, limonitic-gossan.	260	260	80	2	<10	824				
32612	7189090	554100	Random chip, sil. fiss. sltst, tr py & sph, Fe stained.	935	10	32	2	<10	232				
32613	7189600	553780	Random chip, sil. sltst, Mn weathering, tr py blebs.	670	460	12	<2	<10	954				
32614	7190560	553550	Float, blk flag.-fiss. mdst, ~ 5% diss py.	30	100	52	4	<10	138				
33353	7190170	554380	Float, gossanous decomposed sulphide vnlets & bx filling.	1715	100	4672	40	<10	8154				
33354	7190100	553980	Float, gossan decomp. 'massive' py, sph, & pyritic dolm.	725	30	136	<2	80	>10000				

Jolly Property, Rock Samples - 1993

Samp. #	UTM N	UTM E	DESCRIPTION	Ag pp	Al %	As ppm	Bi ppm	Ca %	Cd pp	Cu pp	Fe %	Hg pp	K %	Mg %
33355	7189540	553310	Float (?) of py lenses 0.5 X 40cm in slt'y dolm.	0.2	0.13	22	2	8.46	<0.5	15	6.82	<1	0.08	5.49
33356	7189380	553270	Float (?) dolm with py & cpy veins & diss.	0.2	0.37	26	<2	10.47	0.5	31	9.83	<1	0.33	7.26
33357	7190090	554200	Float, bx'd mud-dolm, py vein, minor cpy and sph.	<0.2	0.44	12	<2	13.49	2.0	<1	1.04	<1	0.04	9.52

Jolly Property, Rock Samples - 1993

Samp. #	UTM N	UTM E	DESCRIPTION	Mn pp	P ppm	Pb pp	Sb pp	W ppm	Zn ppm	Cu %	Pb %	Zn %	Ag g/t
33355	7189540	553310	Float (?) of py lenses 0.5 X 40cm in slt'y dolm.	455	80	50	6	40	140				
33356	7189380	553270	Float (?) dolm with py & cpy veins & diss.	510	120	92	2	70	48				
33357	7190090	554200	Float, bx'd mud-dolm, py vein, minor cpy and sph.	875	60	92	<2	30	1768				

*needs
approval*

Copy 1

MINFILE: 106C 018
PAGE NO: 1 of 1
UPDATED: 07/21/94

**YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE**

NAME(S): Kidney	NTS MAP SHEET: 106 C 13
MINFILE #: 106C 018	LATITUDE: 64°49'23"N
MAJOR COMMODITIES: U	LONGITUDE: 133°52'22"W
MINOR COMMODITIES: Cu	DEPOSIT TYPE: Vein
TECTONIC ELEMENT: Mackenzie Platform	STATUS: Showing

CLAIMS (PREVIOUS AND CURRENT)

QMY, OLYMPIC, JOLI, CORD

WORK HISTORY

Discovered by Cyprus E Corp L in 1968 and first staked as QMY cl (Y97812) in Jul/75 by Corval Res L. Adjacent Olympic 1-98 cl (YB28634) staked by Pamicon Developments Ltd between Jul and Nov/92. Pamicon performed mapping, prospecting and geochemical sampling and a reconnaissance mag-VLF survey in 1992. Pamicon Developments Ltd. and Equity Engineering Ltd. became equal partners in the Olympic cl and performed a geochemical survey in Jun/93. Restaked as the Joli 1-126 cl (YB22161) in Jun/93 by Archer, Cathro and Associates (1981) Ltd and optioned briefly to Kennecott Canada Inc. Adjacent Cord 1-40 cl (YB22287), 41-90 (YB22351), 99-110 (YB22409), and 131-158 (YB22441) claims were tied on to the west of the Joli cl in June and Jul/93 by Archer, Cathro and Associates (1981) Ltd. Archer, Cathro and Associates (1981) Ltd. and Kennecott Canada Inc. performed a program of geological mapping and geochemical sampling on the Joli and Cord cl in 1993.

GEOLOGY

Minor chalcopyrite occurs at two locations on the QMY claims, in narrow veinlets cutting Middle Proterozoic Quartet Group argillite and overlying Gillespie Lake Group orange dolomite. The Olympic claims cover several Wernecke Breccia bodies cutting Middle Proterozoic Wernecke Supergroup strata. The breccia bodies are narrowly mineralized with copper, cobalt and gold. Sulfides include chalcopyrite, pyrite, bornite, and possibly chalcocite.

Westmin reports highest metal values for grab samples of breccias mineralization were 2640 ppb Au, 20 ppm Ag, 3621 ppm Co, 8.42% Cu, 166 ppm Mo, 504 ppm Ni, 650 ppm WO₃, and 180 ppm La. Heterolithic breccias tended to contain higher average copper values than the homolithic type.

Soil geochemistry in 1993 outlined a 1 km by 2 km area anomalous in lead (up to 251 ppm) and zinc (up to 601 ppm).

REFERENCES

ELDORADO NUCLEAR LTD, Nov/79. Assessment Report #090517 by C.J. Riley.

KENNECOTT CANADA INC., Mar/94. Assessment Report #093193 by R. Hulstein.

WESTMIN RESOURCES LTD., Dec/92. Assessment Report #093116 by D.A. Caulfield.

needs
approval

copy 2

MINFILE: 106C 018
PAGE NO: 1 of 1
UPDATED: 07/21/94

**YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE**

NAME(S): Kidney	NTS MAP SHEET: 106 C 13
MINFILE #: 106C 018	LATITUDE: 64°49'23"N
MAJOR COMMODITIES: U	LONGITUDE: 133°52'22"W
MINOR COMMODITIES: Cu	DEPOSIT TYPE: Vein
TECTONIC ELEMENT: Mackenzie Platform	STATUS: Showing

CLAIMS (PREVIOUS AND CURRENT)

QMY, OLYMPIC, JOLI, CORD

WORK HISTORY

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GEOLOGY

Minor chalcopryrite occurs at two locations on the QMY claims, in narrow veinlets cutting Middle Proterozoic Quartet Group argillite and overlying Gillespie Lake Group orange dolomite. The Olympic claims cover several Wernecke Breccia bodies cutting Middle Proterozoic Wernecke Supergroup strata. The breccia bodies are narrowly mineralized with copper, cobalt and gold. Sulfides include chalcopryrite, pyrite, bornite, and possibly chalcocite.

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REFERENCES

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KENNECOTT CANADA INC., Mar/94. Assessment Report #093193 by R. Hulstein.

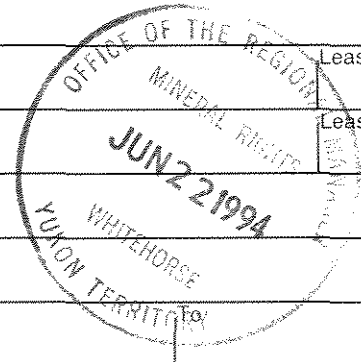
WESTMIN RESOURCES LTD., Dec/92. Assessment Report #093116 by D.A. Caulfield.



TRANSMITTAL FORM

M.R. file no.
R.M.M.R. file no.
Date forwarded <i>15 June 94</i>

From ► Mining Recorder at: <i>Mayo</i>		
To ► Regional Manager, Mineral Rights at Whitehorse, Y.T.		
For action are:		
☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	
☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	
☐ SECURITY DEPOSIT		
☐ FINANCIAL ABILITY		
☐ ASSIGNMENT OF PLACER LEASE NO.	From	
☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
☐ DIAMOND DRILL LOGS	Claims	Claim sheet no.
☒ QUARTZ ASSESSMENT REPORT	Claims <i>Joli 1-126</i>	Claim sheet no. <i>106-C-13</i>
Type of report <i>Geological & Geo chemical</i>		Submitted by <i>Kennecott Canada Inc / R. Hulstein</i>
Cls. work performed on		\$ req. for ren. application <i>25200.00</i>
<i>Graham</i> Signature		



REPLY ACTION

Date returned

<i>Please ask Roy to supply a statement of costs for this report.</i>	
<i>Loren Bremner Fax 667-3198</i>	
<i>Tel. 667-32030</i>	
<i>3193</i>	
Signature	

MAP NO: 106C/13
ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093193
MINING DISTRICT: MAYO
TYPE OF WORK: GEOLOGICAL MAPPING &
GEOCHEMICAL SAMPLING

REPORT FILED UNDER: KENNECOTT CANADA INCORPORATED

DATE PERFORMED: 2 JULY/93-4 AUG/93

DATE FILED: JUNE 15, 1994

LOCATION: LAT.: 64°48'

AREA: BONNET PLUME RIVER

LONG.: 133°54'

VALUE \$: 25,200

CLAIM NAME & NO.: JOLI 1-126 (YB22161-286)

WORK DONE BY: ROGER HULSTEIN

WORK DONE FOR: ARCHER, CATHRO & ASSOCIATES LIMITED

DATE TO GOOD STANDING:

REMARKS: BASE METAL SEDEX, ONE GRAB SAMPLE ASSAYED AT 10.5% LEAD.
GOSSANOUS VEINS ASSAYED 14.9% ZINC, 2.89% LEAD, & 66.4 GPT SILVER.

ARCHER, CATHRO

& ASSOCIATES LIMITED

CONSULTING GEOLOGICAL ENGINEERS

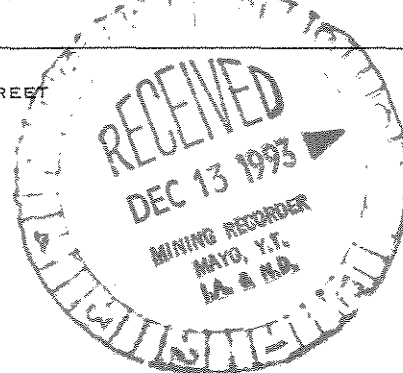
VANCOUVER, B.C. (604) 688-2568

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

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

093193

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 Joli 1-126
mineral claims on Claim Sheet 106C/13 is accurate.


Joan Mariacher

Sworn before me at Whitehorse, Yukon

this 8th day of

December, 1993



Notary, Yukon Territory

Statement of Expenditures
Joli 1 - 126 Mineral Claims
December 8, 1993



Labour

J. Payne (geologist) - July 2, 5, 8 - 3 days at \$428/day	\$ 1,284.00	
R. Carne (geologist) - July - 10 hours at \$44.94/hr	449.40	
R. Hulstein (geologist) - July 2, 5 - 2 days field plus 15 days report prep - 17 days at \$160.50/day	2,728.50	
K. Owerko (geologist) - July 5, 9-15, Aug. 4 - 9 days at \$232.73/day	2,094.57	
D. Munro (field ass't) - July 5, 9-15, Aug. 4 - 9 days at \$192.60/day	1,733.40	
K. Carruthers (field ass't) - Aug. 4 - 1 day at \$168.53/day	168.53	
M. Gaber (field ass't) - July 9-15 - 7 days at \$168.53/day	1,179.71	
J. Mariacher - July 1-15 - 6 hours plus 3 hours Nov./Dec. - 9 hours at \$39.59/hr	<u>356.31</u>	\$ 9,994.42

Expenses

31 mandays field room & board at \$70/day	2,170.00	
Trans North Air - 4.4 hours Bell 206B at \$585/hr plus fuel	3,006.76	
Chemex Labs Ltd.	2,955.17	
Air North - mob plus 1/3 demob	<u>10,691.97</u>	<u>18,823.90</u>
		<u>\$28,818.32</u>

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project —

WERNECKE PROJECT

Date —

JULY 31, 1993

LABOUR

Supervisory A. ARCHER - 16 HRS AT 55/HAL 880.00

Field K. DWERKO - 25 DAYS AT 217.50/DAY 5437.50

B. BARK - 2 1/2 DAYS AT 195/DAY 487.50

D. MUNRO - 31 DAYS AT 180/DAY 5580.00

K. CARRUTHERS - 13 DAYS AT 157.50/DAY 2047.50

M. GABER - 8 DAYS AT 157.50/DAY 1260.00

R. CARNE - 43 HRS AT 42/HAL 1806.00

Secretarial

Accounting & Expediting J. MARIACHEL - 78 1/2 HRS AT 37/HAL 2904.50 20403.00

OTHER SERVICES

Room & Board in Whitehorse 8 DAYS AT 60/DAY 480.00

Field equipment from AC stock 263.50

Photocopies, 810 copies at 25¢/copy 202.50

Rentals from AC JULY 1-31 HONDA 1000 GENSET AT 150/MO; SBX 11 AT 300/MO; HYD PUMP AT 25/MO 525.00

Blueprinting, 106 sq.ft. Ozalid at 30¢/ft, plus sq.ft. Dilar at \$ 1/ft. 31.80

Drafting, 9 1/2 hrs at \$33 /hr. 313.50 1816.30

EXPENSES

Petty Cash 5.70 + 26.73 + 109.29 + 16.65 + 31.28 189.65

Telephone

A. ARCHER - XI ALL - BCL TEL 18.80

PRO HARDWARE 18.56 227.41

MANAGEMENT 6% - ON EXPENSES ABOVE

- ON FIELD AC - CFS 168-196 - 27360.87 13.64 1641.65 1655.29

24102.00

GST (R100247667) 7% ON 24102.00

1657.14

E - GST Exempt

25789.14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project —

WERNECKE PROJECT

Date —

AUGUST 31, 1993

LABOUR

Supervisory	A. ARCHER - 3 HRS AT 55/Hr	165.00	
Field	K. OWEKO - 5 DAYS AT 217.50/DAY	1087.50	
	D. MUNRO - 5 DAYS AT 180/DAY	900.00	
	K. CARVUTHEAS - 6 DAYS AT 157.50/DAY	945.00	
	R. CARNE - 22 HRS AT 42/Hr	924.00	

Secretarial

Accounting & Expediting	J. MARIACHER - 23 1/4 Hrs AT 37/Hr	869.50	4891.00
-------------------------	------------------------------------	--------	---------

OTHER SERVICES

Room & Board in Whitehorse	2 DAYS AT 60/DAY	120.00	
Field equipment from AC stock			
Photocopies,	203 copies at 25¢/copy	50.75	
Rentals from AC	AUGUST 1-16 - 56X11 AT 10/DAY; Honda 1000 GEN AT 5/DAY; WATER PUMP AT 2.50/DAY	280.00	

Blueprinting,	sq.ft. Ozalid at	¢/ft, plus	sq.ft. Dilar at \$	/ft.	
Drafting,	6 1/2 hrs at \$33	/hr.			214.50

LOOMIS COURIER - 1 AT 11/EA

11.00 676.25

EXPENSES

Petty Cash

Telephone	1.30	1.30	
CAL	20.26	20.26	
YUKON OFFICE SUPPLIES	9.18	9.18	
KELLY DOUGLAS	21.43	21.43	52.17

MANAGEMENT 6% - ON EXPENSES ABOVE
- ON FIELD A/C (Cgs 198-214 - 3582.54)

3.13
2116.98 2110.11
7739.53

GST (R100247667) : 7% ON 7739.53

541.77
8281.30

E = GST Exempt



Vancouver Petrographics Ltd.

8080 Glover Road
Langley, B.C. V3A 4P9

(604) 888-1323 Fax (604) 888-3642

TO:

Archer Cathro
1016-510 W Hastings Street
Vancouver, B C
V6B 1L8

INVOICE

GST # R105484687

No. 930468

SALESPERSON

DATE OF INVOICE

Jul 30, 93

SHIP TO

Wernecke Project
Whitehorse YT
Atten: Joan

ACCOUNT NO.	DATE SHIPPED	SHIPPED VIA	COL P/P	F.O.B. POINT	TERMS	YOUR ORDER NUMBER
				Ft. Langley	30 days	Wernecki Proj.

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
9.5	days-Cord-Joly property	400.00	3,800.00
0.5	days-Kiwi property	400.00	200.00
	July 1-July 10 Field Geology		0.00
	G.S.T. (7%)		280.00
<i>Jul Aug 16/93 \$184</i>			
Thank You		TOTAL	4,280.00

YOUR COMPLETE GEOLOGICAL SERVICE & SUPPLY COMPANY

REMARKS:

SAMPLE PREPARATION FOR MICROSTUDIES • PETROGRAPHIC REPORTS • GEOLOGY FIELD STUDIES
FIELD AND LABORATORY • SUPPLIES AND EQUIPMENT



CHARTEREF

BILLING ADDRESS

FUEL & OIL-X		TNTA FUEL USED	HRS./LITRES	FROM
TNTA	CUST.			
	X			

ACCOUNT NUMBER	ARCHCAT		
INVOICE NUMBER	01777		
INVOICE DATE	19 07 93		AREA B/C YUKON NWT ALTA ☐ ☐ ☐ ☐ ☐
A/C TYPE	AIRCRAFT REGISTRATION C		
206 B	F M B T		
FLIGHT DATE	DAY	MONTH	YEAR
	05	07	93
PURCHASE ORDER NO.			

FROM	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
BOSCHIA CR		
TO SET out T.		4 PAS
Pick up CNEW	0.6	
Toli		

SUB		GL	AMOUNT			
1004	502	351	00	0.6 hr	@ 585°	351 00
					@	
				HOLDING TIME:	@ / HR.	
0000	323	2457		FUEL	@ / LITRE	

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 K. Chunks WV

CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS WDT	 SIGNATURE
-----------------	--

CRD ENGINEER'S NAME

FUEL	@	/ LITRE		
MEALS & LODGINGS				
OTHER				
OTHER				
SUB TOTAL			351	00
GOODS & SERVICES TAX REGISTRATION NO. R121483135			24	57

TOTAL \$ 375.57

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) 688-2177 FAX (403) 688-3420

CHARTERER

BILLING ADDRESS

FUEL & OIL-X
TNTA CUST.
X

TNTA FUEL USED

HRS./LITRES

FROM

ACCOUNT
NUMBER

ARCHCAT

INVOICE
NUMBER

01789

INVOICE DATE

19/07/93

AREA
B.C.
YUKON
N.W.T.
ALTA.

A/C TYPE

AIRCRAFT REGISTRATION C

206B

FMST

FLIGHT
DATE

DAY MONTH YEAR

09 07 93

PURCHASE ORDER NO.

FROM

BRECCIA Camp

HOURS

REMARKS - NO. OF PASS - FREIGHT
Kg

TO

AK. 2 PAS TO

BEAR RIVER

CAMP move

GEBC. - 1 PAS BEAR

TO - CAMP -

BRECCIA

1.0

SUB	GL	AMOUNT
1004502		58500
0000323		4095

1.0 @ 58500 58500

@

HOLDING TIME: @ / HR.

FUEL @ / LITRE

FUEL @ / LITRE

MEALS & LODGINGS

OTHER

OTHER

SUB TOTAL

58500

GOODS & SERVICES TAX
REGISTRATION NO. R121483135

4095

TOTAL \$ 62595

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. *R. Dinko Wimmer*
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS
WDT

PILOTS SIGNATURE
CRD

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	01799		
INVOICE DATE		21/07/93	
A/C TYPE		206B	
AIRCRAFT REGISTRATION C		FMST	
FLIGHT DATE	DAY	MONTH	YEAR
15	07	93	
PURCHASE ORDER NO.			

CHARTERER

BILLING ADDRESS

FUEL & OIL - X	TNTA FUEL USED	CHRS LITRES	FROM
TNTA CUST.	2.8		MA

FROM	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
Mayo		
Bonnet Plane AREA		GROU
CAMP MOVE		3 LOADS
RT Mayo	2.8	1 PAS

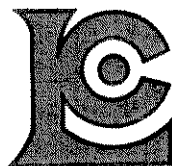
SUB	G.L.	AMOUNT			
1304502		1638.00	2.8	@ 585.00	1638.00
1300131		236.06		@	
			HOLDING TIME:	@ / HR.	
0000323		131.18	FUEL	2.8 @ / LITRE	

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		FUEL 319L @ .74 / LITRE 236.06	
CHARTERER'S NAME (PRINTED)		MEALS & LODGINGS	
INITIALS		OTHER	
WDT		OTHER	
CRD		SUB TOTAL 1874.06	
		GOODS & SERVICES TAX 131.18	
		REGISTRATION NO. R121483135	
		TOTAL \$ 2005.24	

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



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

INVOICE NUMBER

I 9 3 1 8 9 7 9

BILLING INFORMATION

Date: 19-AUG-93
Project: WERNECKE *✓ 28-JULI*
P.O. No.:
Account: F *163-CORD*

Comments:

Billing: For analysis performed on
Certificate A9318979

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
-----------------	------------------------------------	---------------	-----------------	--------

191	201 - Dry, sieve to -80 mesh ICP-32	1.10 6.25	7.35	1403.85
-----	--	--------------	------	---------

Total Cost \$	1403.85
Client Discount (25%) \$	-350.96
Net Cost \$	1052.89
(Reg# R100938885) GST \$	73.70

TOTAL PAYABLE (CDN) \$ 1126.59



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

INVOICE NUMBER

I 9 3 1 7 5 0 2

BILLING INFORMATION

Date: 26-JUL-93 *123-86*
Project: WP *21-JOLI*
P.O. No.:
Account: F *12-CORD*
Comments:

Billing: For analysis performed on
Certificate A9317502

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
33	201 - Dry, sieve to -80 mesh ICP-32	1.10 6.25	7.35	242.55
Total Cost \$				242.55
Client Discount (25%) \$				-60.64
Net Cost \$				181.91
(Reg# R100938885) GST \$				12.73
TOTAL PAYABLE (CDN) \$				194.64



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

INVOICE NUMBER

I 9 3 1 7 5 0 3

BILLING INFORMATION

Date: 27-JUL-93
Project: WP
P.O. No.:
Account: F

118.93

13-JUL

59-CORD

Comments:

Billing: For analysis performed on
Certificate A9317503

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
72	205 - Geochem ring to approx 150 mesh	2.10		
	274 - 0-15 lb crush and split	3.05		
	ICP-32	6.25	11.40	820.80
Total Cost \$				820.80
Client Discount (25%) \$				-205.20
Net Cost \$				615.60
(Reg# R100938885) GST \$				43.09
TOTAL PAYABLE (CDN) \$				658.69



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

INVOICE NUMBER

I 9 3 1 7 8 5 3

BILLING INFORMATION

Date: 29-JUL-93 *151.22*
Project: WP *11-JOU*
P.O. No.: *21-CORD*
Account: F

Comments:

Billing: For analysis performed on
Certificate A9317853

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
32	255 - RUSH Geo ring to approx 150 mesh	3.15		
	292 - RUSH Crush and split (0-15 lbs)	4.60		
	ICP-32 RUSH	9.38	17.13	548.16
Total Cost \$				548.16
Client Discount (25%) \$				-137.04
Net Cost \$				411.12
(Reg# R100938885) GST \$				28.78
TOTAL PAYABLE (CDN) \$				439.90

originally charged ⁴pd

*336.
23.52
359.52*

*slb 411.12
28.78
439.90*

*no paying - 75.12
526
80.38*

*pd Sept 26/93
222*

* Not Subject to Discount



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

INVOICE NUMBER

I 9 3 1 7 8 5 4

BILLING INFORMATION

Date: 29-JUL-93
Project: WP
P.O. No.:
Account: F

✓ 321.83
8-JUL
11-CORD

Comments:

Billing: For analysis performed on
Certificate A9317854

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
19	258 - RUSH Assay ring approx 150 mesh	3.15		
	292 - RUSH Crush and split (0-15 lbs)	4.60		
	ICP-32 High grade scan RUSH	12.08		
	AG, CU, PB, ZN package RUSH	30.30	50.13	952.47

Total Cost \$	952.47
Client Discount (25%) \$	-238.12
Net Cost \$	714.35
(Reg# R100938885) GST \$	50.00
TOTAL PAYABLE (CDN) \$	764.35



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

INVOICE NUMBER

I 9 3 1 8 0 4 9

BILLING INFORMATION

Date: 10-AUG-93
Project: WP-JOLI
P.O. No.:
Account: F

Comments:

Billing: For analysis performed on
Certificate A9318049

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
247	201 - Dry, sieve to -80 mesh ICP-32	1.10 6.25	7.35	1815.45
Total Cost \$				1815.45
Client Discount (25%) \$				-453.86
Net Cost \$				1361.59
(Reg# R100938885) GST \$				95.31
TOTAL PAYABLE (CDN) \$				1456.90



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

INVOICE NUMBER

I 9 3 1 8 9 9 5

BILLING INFORMATION

Date: 24-AUG-93
Project: WP (JOLI)
P.O. No.:
Account: F

Comments:

Billing: For analysis performed on
Certificate A9318995

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
40	201 - Dry, sieve to -80 mesh ICP-32	1.10 6.25		
	100 - Au ppb FA+AA	7.95	15.30	612.00
Total Cost \$				612.00
Client Discount (25%) \$				-153.00
Net Cost \$				459.00
(Reg# R100938885) GST \$				32.13
TOTAL PAYABLE (CDN) \$				491.13

Indul
E - 995.85
69.71
1065.16

per Spent 15/93
221



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

INVOICE NUMBER

I 9 3 1 8 9 9 7

BILLING INFORMATION

Date: 25-AUG-93
Project: WP (JOLI)
P.O. No.:
Account: F

Comments:

Billing: For analysis performed on
Certificate A9318997

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
3	208 - Assay ring to approx 150 mesh	2.10		
	274 - 0-15 lb crush and split	3.05		
	ICP-32 High grade scan	8.05		
	Ag,Cu,Pb,Zn package	20.20	33.40	100.20
Total Cost \$				100.20
Client Discount (25%) \$				-25.05
Net Cost \$				75.15
(Reg# R100938885) GST \$				5.26
TOTAL PAYABLE (CDN) \$				80.41



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

INVOICE NUMBER

I 9 3 1 8 9 9 6

BILLING INFORMATION

Date: 23-AUG-93
Project: WP (JOLI) *JA*
P.O. No.:
Account: F

Comments:

Billing: For analysis performed on
Certificate A9318996

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
5	205 - Geochem ring to approx 150 mesh	2.10		
	274 - 0-15 lb crush and split	3.05		
	ICP-32	6.25	11.40	57.00
Total Cost \$				57.00
Client Discount (25%) \$				-14.25
Net Cost \$				42.75
(Reg# R100938885) GST \$				2.99
TOTAL PAYABLE (CDN) \$				45.74

Air North

Date: August 6, 1993

Box 4998, Whitehorse, Yukon, Y1A4S2
GST No. R100094499
Fax: 403-668-6224
Ph.: 403-668-2228

Invoiced To:

ARCHER CATHRO
P.O. Box 4127
Whitehorse, Yukon
Y1A 3S9

DESCRIPTION	AMOUNT	
Invoice No. <u>287 008774</u>		
RE: AIRCRAFT CHARTER CF CUG ROUTING: WHSE/BEAR RIVER/MAYO CHARGE: 640miles @ 7.50/mile	4800	00
<i>W. Necker</i> <i>prd Aug 27 1993 #198</i>		
GST	336	00
TOTAL DUE	5136	00

A SERVICE CHARGE OF 2 PER CENT PER MONTH ADDED TO ACCOUNTS OVER 30 DAYS

Air North

Date: August 6, 1993

Box 4998, Whitehorse, Yukon, Y1A4S2
GST No. R100094499
Fax: 403-668-6224
Ph.: 403-668-2228

Invoiced To:

ARCHER, CATHRO
P.O. Box 4127
Whitehorse, Y.T.
Y1A 3S9

DESCRIPTION	AMOUNT	
Invoice No. <u>009899</u>		
Re: Aircraft Charter - DC-3 CF-IMA		
Routing: Mayo - Bear River - Mayo - Whitehorse		
Flying: 445 miles @ \$7.50/mile	\$ 3337	50
<i>W. Necker</i> <i>prd Aug 27 1993 #198</i>		
GST	\$ 233	62
TOTAL DUE	\$ 3571	12

A SERVICE CHARGE OF 2 PER CENT PER MONTH ADDED TO ACCOUNTS OVER 30 DAYS

Air North Charter Ltd.

CHARTER TICKET

24 Hour Telephone Service 668-2228
Box 4998, Whitehorse, Yukon, Y1A 4S2

Nº 009867

AC CF-IMA DX-3 DATE 31 May 93

NAME ARCHER Cathro

ADDRESS _____

From	Miles	Hours	Cargo	Passenger-Remarks
Whitehorse				
To Bear River	320	1.9	5000	Post + Misc Gear
Mayo	120	.7	/	
Bear River	120	.9	4500	Camp Gear
Mayo	120	.8	/	
Bear River	120	.8	5800	13 Drum Jet
Mayo	120	.7	/	Fuel
Bear River	120	.7	5200	12 Drum Jet
Whitehorse	320	1.9	/	Fuel

Special Instructions	at	Per Hour	
	1360	at 7.50 Per Mile	10200.00
Waiting Time	at	Per Hour	/
Fuel	gals @	Per Gallon	/
Other	65T 72		714.00
TOTAL CHARGES			10,914.00

pl June 1993
#110A

Al Bender
Pilot's Signature

Whitehorse
Base

\$ 10,914.00
Charterer's Authorization

MAP NO:
115P/15

ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093213
MINING DISTRICT: DAWSON
TYPE OF WORK: GEOCHEMISTRY & TRENCHING

REPORT FILED UNDER: REGENT VENTURES LIMITED

DATE PERFORMED: 1993

DATE FILED: JUNE 8, 1994

LOCATION: LAT.: 63°59'

AREA: HOBO CREEK

LONG.: 136°43'

VALUE \$: 20,800

CLAIM NAME & NO.: BX 1-8 (YB41142-49), BX 13-68 (YB42139-94)

WORK DONE BY: B. A. LUECK

WORK DONE FOR: REGENT VENTURES LIMITED

DATE TO GOOD STANDING:

REMARKS: SAMPLING AND TRENCHING ON GOLD BEARING SHALES (?). SHALE AND BRECCIATED QUARTZ BIOTITE PORPHYRY HAS QUARTZ AND TOURMALINE VEINLETS. SAMPLES FROM THE PORPHYRY ASSAYED UP TO 18G/T AG, 1.29G/T AU

MAP NO: 106C/13
ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093193
MINING DISTRICT: MAYO
TYPE OF WORK: GEOLOGICAL MAPPING &
GEOCHEMICAL SAMPLING

REPORT FILED UNDER: KENNECOTT CANADA INCORPORATED

DATE PERFORMED: 2 JULY/93-4 AUG/93

DATE FILED: JUNE 15, 1994

LOCATION: LAT.: 64°48'

AREA: BONNET PLUME RIVER

LONG.: 133°54'

VALUE \$: 25,200

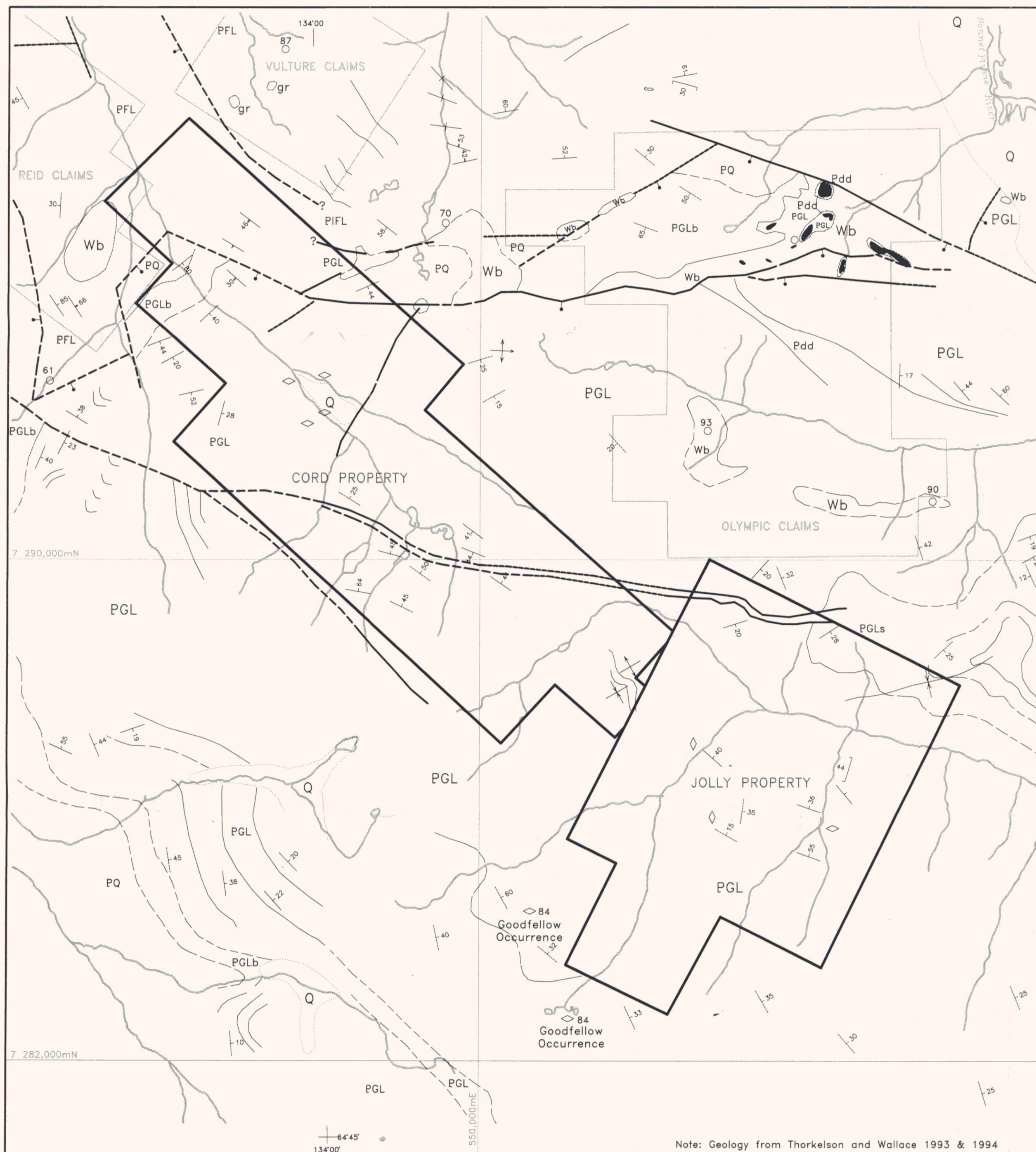
CLAIM NAME & NO.: JOLI 1-126 (YB22161-286)

WORK DONE BY: ROGER HULSTEIN

WORK DONE FOR: ARCHER, CATHRO & ASSOCIATES LIMITED

DATE TO GOOD STANDING:

REMARKS: BASE METAL SEDEX, ONE GRAB SAMPLE ASSAYED AT 10.5% LEAD.
GOSSANOUS VEINS ASSAYED 14.9% ZINC, 2.89% LEAD, & 66.4 GPT SILVER.



Note: Geology from Thorkelson and Wallace 1993 & 1994

STRATIFIED ROCKS

Quaternary

Q alluvium, colluvium and glacial deposits

Middle to Late Proterozoic Pinguicula Group

PP siltstone, mudstone, dolomite and limestone

Middle Proterozoic Gillespie Lake Group

PGL undivided Gillespie Lake Group: dolomite and silty dolomite, locally stromatolitic, local chert nodules, subordinate siltstone, shale, mudstone and sandstone

PGLs siltstone and shale

PGLb basal Gillespie Lake Group: silty to sandy dolomite, shale and sandstone

Quartz Group

PQ shale, siltstone, fine sandstone; subordinate dolomite

Fairchild Lake Group

PFL undivided Fairchild Lake Group: siltstone, fine grained sandstone minor carbonate

PuFL upper Fairchild Lake Group: siltstone, dolomite siltstone

PIFL lower Fairchild Lake Group: calcareous laminated siltstone, sandstone and minor carbonate

INTRUSIVE ROCKS

Middle Proterozoic

Wernecke Breccia

Wb hematitic and dolomitic breccia and related metasomatized country rock

Igneous Dykes

Pd mafic to intermediate dykes
Pdd: diorite to gabbro
Pda: andesite to basalt

SYMBOLS

- Lithological contact; known, approximate, assumed
- Normal or strike slip fault (pegs on downthrown side)
- Known, approximate, assumed
- Bedding; inclined, horizontal, facing unknown—estimate
- Fold; syncline, anticline

MINERAL OCCURRENCES

- 84** Yukon Minfile Number
- Wernecke breccia
- Vein
- Stratabound concordant

scale: 1:50,000
0 500 1000 1500 2500
metres

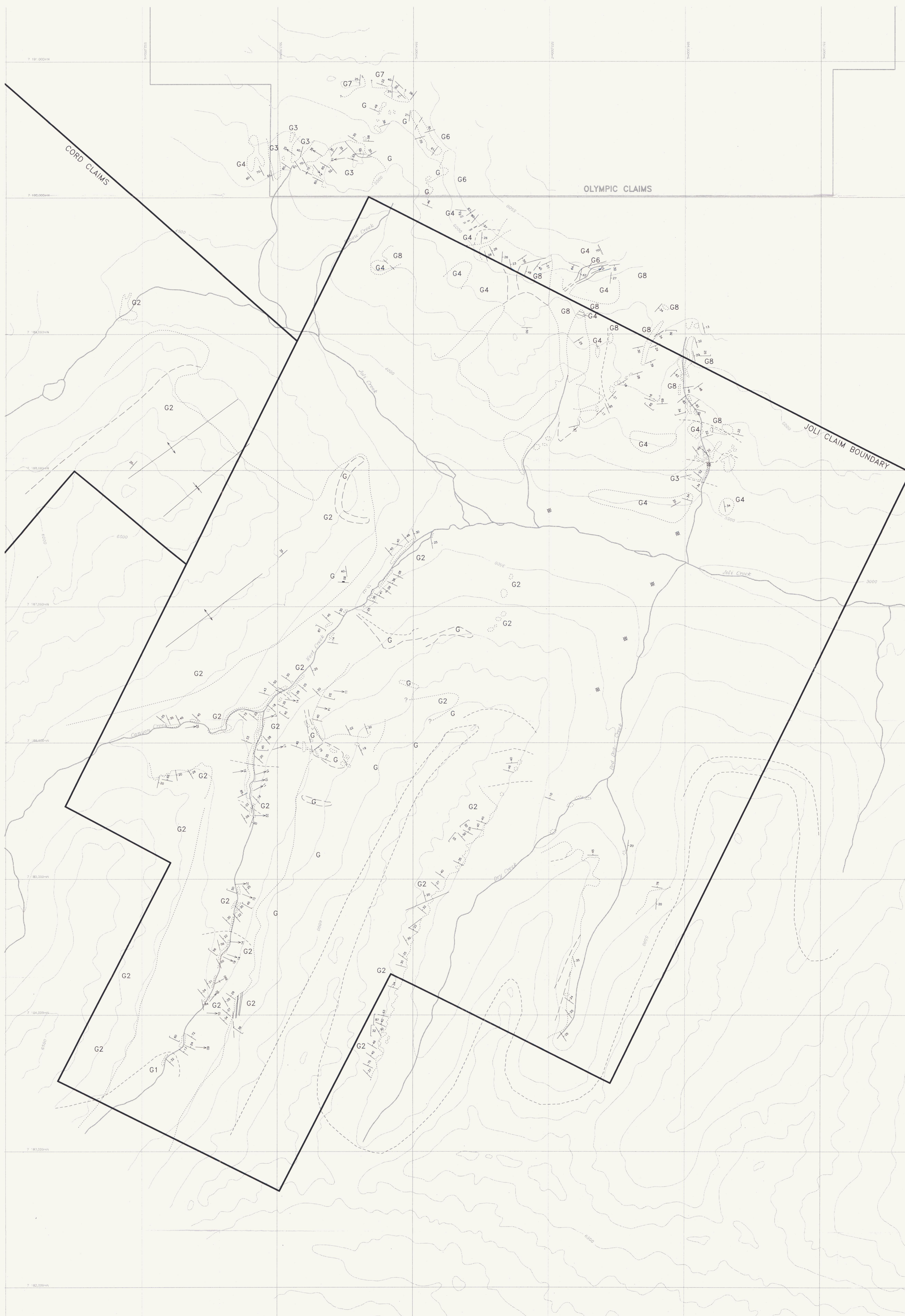
Kennecott Canada Inc.
Vancouver

WERNECKE DWG 449
CORD PROPERTY
REGIONAL GEOLOGY
YUKON, CANADA

NTS: 106C/13, 106D/16 Projection: UTM (NAD27) Drawn by: IBEX
Date: 28/03/94 Author: RH
File: WERNREG Scale: 1:50,000 Figure 4

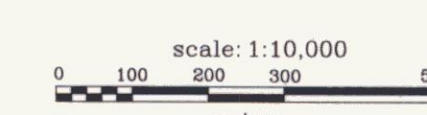


861800



- LOWER MIDDLE PROTEROZOIC**
Gillespie Lake Group
- G8** black shale, mudstone
 - G7** pinkish weathering shale, dolomitic shale
 - G6** tan dolomite ± shale
 - G5** pale brown dolomite, brecciated, pyrite veins
 - G4** massive stromatolitic dolomite
G4A: bedded dolomite
 - G3** ribbed, weathering dolomite,
dolomitic mudstone + shale
 - G2** undifferentiated, dolomite, dolomitic mudstone,
shale, mudstone
 - G1** laminated green mudstone
 - G** gossan
 - outcrop delimit
 - small outcrop, float
 - lithologic contact: known, approximate, inferred
 - bedding, strike and dip: inclined
 - cleavage, strike and dip: inclined
 - lineation, bearing and plunge: inclined
 - fault: approximate
 - anticlinal fold: plunge unknown, known
 - synclinal fold: plunge unknown, known
 - claimpost

contour interval 500 feet



Kennecott Canada Inc.
Vancouver

WERNECKE DWG 450
JOLLY PROPERTY
GEOLOGY
YUKON, CANADA

NTS: 1066/13
Date: 24/03/94
File: JOLLY.G

Projection: UTM (NAD27)
Author: RH
Scale: 1:10,000

Drawn by: KS/HO
Figure 6

861830



- + T33374 soil sample, grid
- + NS no sample
- o T31410 soil sample, reconnaissance
- T18189 silt sample
- x T18224 rock sample, grab
- # claim posts

contour interval 500 feet
scale: 1:10,000
0 100 200 300 400
metres

**Kennecott Canada Inc.**
Vancouver

WERNECKE DWG 454
JOLLY PROPERTY
SAMPLE LOCATIONS
YUKON, CANADA

NTS: 106C/13
Date: 24/03/94
File: JOLISAMP

Projection: UTM (NAD27)
Author: RH
Scale: 1:10,000

Drawn by: HO
Figure 7

