

MAP NO:115F/15,16

ASSESSMENT REPORT: X

DOCUMENT NO: 093256  
09356

PROSPECTUS:

MINING DISTRICT: Whitehorse

CONFIDENTIAL: X

TYPE OF WORK: Diamond Drilling

OPEN FILE:

REPORT FILED UNDER: Expatriate Resources Ltd. &amp; Cachet Enterprises Corp.

DATE PERFORMED: September 20-November 8, 1994

DATE FILED: March 14, 1995

LATITUDE: 61 57

AREA: White River

LONGITUDE: 140 32

VALUE: \$

CLAIM NAME AND #: Micro 1-4,6,10-12, White 1-18,20, Weng 1F,2F,3-11, Cana 1-6, River 1-8, Onion 1-25

WORK DONE BY: R.C. Carne

WORK DONE FOR: Archer, Cathro and Associates

| DATE TO GOOD<br>STANDING |  |
|--------------------------|--|
|                          |  |
|                          |  |
|                          |  |
|                          |  |
|                          |  |
|                          |  |

**REMARKS:** 940 meters of HQ drilling in six holes were conducted to confirm earlier drilling which had poor recovery and from which much of the data is unreliable. Intersections into the Main Zone include 15.2 meters grading 1.02% Ni, 0.12% Cu, 0.018% Co in Hole C94-060 and 11.0 meters grading 1.37% Ni, 0.02% Cu, 0.008% Co in Hole C94-061, these intersections represent about 12 and 9 meters true width respectively.



# TRANSMITTAL FORM

M.R. file no.

R.M.M.R. file no.

Date forwarded

15 Mar 95

From Mining Recorder at:

Whitehorse

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

Lease no.

☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE

Name

Lease no.

☐ SECURITY DEPOSIT

☐ FINANCIAL ABILITY

☐ ASSIGNMENT OF PLACER LEASE NO.

From

To

☐ GROUPING APPLICATION  
UNDER SEC. 52(2) PLACER MINING ACT.

Owner

☒ DIAMOND DRILL LOGS

Claims

Micro Weng, WHITE, CANA, RIVER  
ONION

Claim sheet no.

115F-15/16

☐ QUARTZ ASSESSMENT REPORT

Claims

Claim sheet no.

Type of report

Submitted by

Cls. work performed on

\$ req. for ren. application

Signature

REPLY ACTION

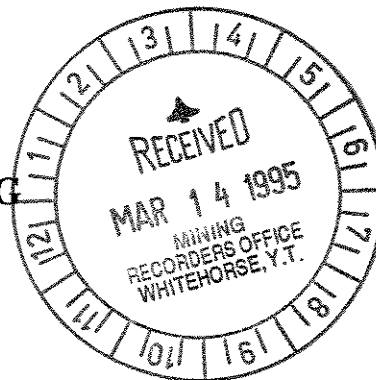
Date returned

Signature

**ARCHER, CATHRO**  
& ASSOCIATES (1981) LIMITED  
**CONSULTING GEOLOGICAL ENGINEERS**

1016 - 510 WEST HASTINGS STREET, VANCOUVER, B.C. V6B 1L8 TEL (604) 688 - 2568 • FAX (604) 688 - 2578

**REPORT ON**  
**1994 DIAMOND DRILLING**  
on the  
**CANALASK PROPERTY**



Micro 1-2 (86108-86109)  
Micro 3-4 (86111-86112)  
Micro 6 (86115)  
Micro 10-11 (86367-86368)  
Micro 12 (86360)  
White 1-18 (YB38234-YB38251)  
White 20 (YB38252)

Weng 1F-2F (YA96585-YA96586)  
Weng 3-10 (YA96732-YA96739)  
Weng 11 (YB06099)  
Cana 1-6 (YA97083-YA97088)  
River 1-8 (YB38253-YA38260)  
Onion 1-13 (YA96595-YA96607)  
Onion 14-25 (YA97913-YA97924)

NTS 115F/15, 16

Latitude 61°57'N; Longitude 140°32'W

Whitehorse Mining District

for

**Expatriate Resources Ltd.**

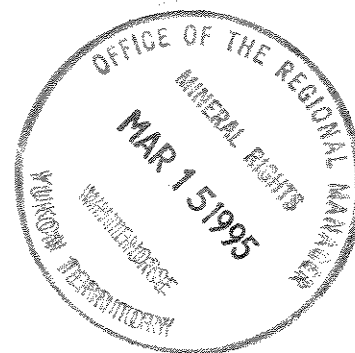
and

**Cachet Enterprises Corp.**

by

R.C. Carne, P.Geo.

December, 1994



093256

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### SUMMARY AND RECOMMENDATIONS

The Canalask Property is located in southwest Yukon, just south of the Alaska Highway and east of the White River. The main mineralized area is connected to the highway by a 3 km all-weather road.

The 77 claim property is wholly-owned by Expatriate Resources Ltd. and the 1994 exploration program was funded by Cachet Enterprises Corp. which can earn a 50% interest in the claims by carrying out certain expenditures. Previous work has consisted of geochemical surveys, geophysical surveys, surface and underground diamond drilling, underground exploration, bulk sampling and metallurgical testing. The 1993 program by Expatriate Resources Ltd. comprised detailed geophysical surveys, soil geochemical sampling and excavator trenching which was designed to test the potential for undiscovered areas of mineralization under drift cover and to derive a model of ore genesis that could be used to direct subsequent exploration. The 1994 drill program was designed to both test the reliability of old diamond drill hole data and explore new areas outlined by the 1993 work.

Property geology consists of a bedded sequence of Pennsylvanian-Permian andesitic tuff, limestone and clastic volcanic rocks (Skolai Group) that are overlain by an Upper Triassic submarine and subaerial mafic volcanic assemblage (Nikolai Group). Skolai Group rocks are intruded by the Middle Triassic White River Mafic-Ultramafic Complex. The intrusion cuts bedding at a low angle and forms a steeply south-dipping sill that separates tuff, argillite and limestone in the footwall from greywacke, argillite and chert in the hanging wall. The sill is comprised primarily of massive dunite and peridotite with discontinuous marginal gabbro

and olivine clinopyroxenite along the footwall contact. The White River Complex, at 16 km long with an average width of approximately 275 m, is the second largest mafic-ultramafic body in the Kluane Ranges.

Both magmatic and epigenetic styles of nickel-copper-cobalt±platinum group element mineralization are present. Disseminated pyrrhotite-pentlandite and chalcopyrite occur in the marginal facies gabbro-pyroxenite in a fashion similar to the former Wellgreen Mine located 90 km to the southeast. The best values of four or five trench and drill hole intersections were obtained from gabbro in Hole 73-07 near the east end of the property where a 7.0 m section assayed 0.76% nickel, 0.24% copper, 440 ppb platinum and 1370 ppb palladium. Because of glacial overburden cover and its relatively recessive nature, little additional exploration has been carried out for this type of mineralization. At the west end of the property on the Onion Zone, narrow massive sulphide intervals at the base of the sill returned assays ranging up to 4.5% nickel, 0.91% copper, 0.15% cobalt, 2000 ppb platinum and 1700 ppb palladium.

The most significant mineralization discovered to date occurs in the east-central part of the property in footwall rocks north of the mafic-ultramafic complex in an area of extensive metasomatic alteration. Albitized tuffs with intercalated limestone (often hosting calc-silicate skarns) and hornfelsed argillite are cut by small sill-like intrusions of gabbro. The altered rocks contain structurally-controlled disseminations, fracture fillings, veins, breccia fillings and irregular replacements of pyrrhotite, pyrite, chalcopyrite and pentlandite in up to semi-massive or massive quantities. Drilling and underground exploration between 1953 and 1968 has defined the Main Zone, a steeply-dipping 130 m long nickeliferous tabular breccia body with an average width of

10 m. A reserve calculation of 390,235 tonnes grading 1.35% nickel was made in 1968 for the Main Zone. Core recoveries in many parts of the deposit were very poor, however, and the actual grade and tonnage may vary. Metallurgical tests carried out on bulk samples taken underground produced nickel concentrate grades as high as 19.7% with nickel recoveries up to 94%.

Both the magmatic and epigenetic replacement styles of mineralization, as well as the overall geological setting, have marked similarities to the deposits of the Noril'sk-Talnakh region of Siberian Russia. In these deposits, the ore bodies consist of sheet-like masses or lenses of massive sulphide that were injected as the last phase of a Triassic mafic-ultramafic magmatic event. The best example of this ore type is the 130 million tonne Oktyabri'sk sulphide body with pre-production grades of 3.65% nickel, 4.70% copper and 0.13% cobalt with greater than 10 ppm combined platinum group elements. The massive sulphides are always associated with sulphide-bearing gabbroic phases but may occur in gabbro or, more commonly, in footwall tuffaceous sedimentary rocks. They are flanked and enveloped by a halo of metasomatic alteration (hornfelsing, albitization and skarnification) with tabular breccia fillings and stockwork-veinlet zones of nickel-copper-platinum group element sulphide mineralization occurring peripheral to the massive sulphide bodies.

Results of the 1993 VLF-EM geophysical survey correlate well with the areas of near-surface breccia-stockwork sulphide mineralization in the Main Zone area. Furthermore, the strongest geophysical response lies north of the Main Zone in an unexplored, poorly exposed area. The 1994 drill program was designed to retest areas of known mineralization in the Main Zone as well as to evaluate the source of the nearby geophysical anomalies. All drilling was

carried out with large diameter (HQ) equipment which enabled core recoveries better than 90% on average.

Holes C94-060 and C94-061 were drilled on Section 3110E through the central part of the westerly-plunging Main Zone to establish confidence of historical tonnage and grade calculations which were based on results of small diameter diamond drill programs with relatively poor recoveries. The intersections of 15.2 m grading 1.02% nickel and 11.0 m grading 1.37% nickel (representing true widths of about 12 and 9 m, respectively) occur within the reserve block and have widths and grades similar to nearby historical intersections, thereby validating the previous reserve estimates.

Holes C94-062 and C94-063 were drilled on Section 3065E to test the western limit of Main Zone mineralization where previous drill holes had very poor recovery. Hole C94-062 intersected two lenses of mineralization which grade 0.28% nickel over 3.9 m (2.5 m true width) and 0.60% nickel over 10.1 m (6.5 m true width). Hole C94-063 was drilled to confirm an earlier intersection of 7.2 m grading 1.79% nickel approximately 125 m downdip of the Hole C94-062 intersection but was abandoned short of the Main Zone when the hole steepened.

Holes C94-064 and C94-065 explored a wide area of strong EM geophysical response, known as the Footwall Zone, which lies approximately 40 to 50 m north of the Main Zone. Hole C94-064 was collared on Section 3065E in till-covered massive sulphide and returned an intersection of 1.34% nickel and 0.055% cobalt over 3.0 m in the first assay interval. Two relatively wide zones of copper mineralization were also intersected, the best of which assayed 0.59% copper and 0.016% cobalt over 16.0 m. Hole C94-065 was collared on Section 3154E in

drift-covered fracture filling to semi-massive sulphide mineralization, intersecting a 48.3 m interval grading 0.22% nickel, 0.24% copper and 0.024% cobalt which includes a 5.9 m higher grade nickel-rich zone with 0.72% nickel, 0.04% copper and 0.026% cobalt.

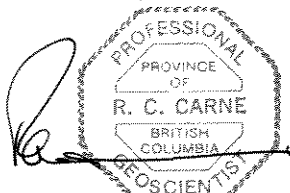
Assays for platinum, palladium and gold were carried out on composites of selected drill core but results were generally negative.

The Main Zone remains open along strike and to depth while the Footwall Zone has only been partially tested with two holes. Results of 1993 geophysical surveys indicate that the newly discovered Footwall Zone has the greatest potential for increased tonnage, both to the north and along strike to the east. Style, age and grade of mineralization in both zones are similar to peripheries of the very rich massive sulphide deposits of the Noril'sk-Talnakh region in Siberia.

Additional geophysical surveying to extend the coverage across the White River to be followed with 2000 m of large diameter diamond drilling commencing in March 1995 is recommended to further test the potential for this type of mineralization. Locations of proposed diamond drill collars and an estimate of exploration expenditures follow.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



R.C. Carne, P. Geo.

**PROPOSED 1995 DIAMOND DRILLING**  
**CANALASK PROPERTY**

| <u>HOLE</u> | <u>COORDINATES</u>                                                                             |              | <u>AZIMUTH</u> | <u>ANGLE</u> | <u>DEPTH</u> | <u>TARGET</u>           |
|-------------|------------------------------------------------------------------------------------------------|--------------|----------------|--------------|--------------|-------------------------|
|             | <u>EAST</u>                                                                                    | <u>NORTH</u> |                |              | <u>(m)</u>   |                         |
| 1-3         | Three holes totalling 500 m to test geophysical targets resulting from the March, 1995 survey. |              |                |              |              |                         |
| 4           | 3065                                                                                           | 2908         | 000°           | -55°         | 50           | Footwall Zone           |
| 5           | 3065                                                                                           | 3048         | 180°           | -50°         | 210          | Footwall Zone           |
| 6           | 3110                                                                                           | 2816         | 000°           | -50°         | 150          | Main Zone-Footwall Zone |
| 7           | 3110                                                                                           | 2900         | 000°           | -50°         | 125          | Footwall Zone           |
| 8           | 3110                                                                                           | 2946         | 180°           | -50°         | 105          | Main Zone-Footwall Zone |
| 9           | 3154                                                                                           | 2791         | 000°           | -50°         | 220          | Main Zone-Footwall Zone |
| 10          | 3154                                                                                           | 2924         | 000°           | -50°         | 150          | Footwall Zone           |
| 11          | 3260                                                                                           | 3013         | 180°           | -50°         | 190          | Footwall Zone           |
| 12          | 3303                                                                                           | 2860         | 000°           | -50°         | 150          | Footwall Zone           |
| 13          | 3353                                                                                           | 2860         | 000°           | -50°         | <u>150</u>   | Footwall Zone           |
|             |                                                                                                |              |                |              | 2000         |                         |

**PROPOSED 1995 BUDGET**  
**CANALASK PROPERTY**

|                                                             |                           |
|-------------------------------------------------------------|---------------------------|
| Diamond Drilling - 2000 m @ \$130/m (incl. bulldozer) ..... | \$260,000                 |
| Labour .....                                                | 35,000                    |
| Room and Board .....                                        | 24,000                    |
| Geophysical Surveys and Linecutting .....                   | 13,000                    |
| Travel, Freight .....                                       | 6,000                     |
| Assays .....                                                | 5,000                     |
| Assessment Filing .....                                     | 5,000                     |
| Truck Rental, Fuel .....                                    | 4,000                     |
| Office .....                                                | 4,000                     |
| Management .....                                            | <u>19,000</u>             |
|                                                             | \$375,000                 |
|                                                             | Plus 7% GST <u>26,250</u> |
|                                                             | <u>\$401,250</u>          |

## INTRODUCTION

The Canalask Property located in southwest Yukon contains an ultramafic related nickel-copper-cobalt  $\pm$  platinum group element (PGE) deposit that was discovered in the early 1950's. Between September 20 and November 8, 1994 an exploration program comprising 940 m of large diameter (HQ) diamond drilling was carried out. This report describes results of that program as well as comparing the Canalask mineralization to the relatively poorly documented nickel-copper-cobalt-PGE mineralization of the Noril'sk-Talnakh region of Siberian Russia.

### PROPERTY, LOCATION AND ACCESS

The Canalask Property is located in southwest Yukon, just south of the Alaska Highway on the White River (NTS 115F/15,16; Latitude 61°57'N, Longitude 140°32'W; see Figure 1). The eastern half of the property is connected to the Alaska Highway by an all-weather, 3 km two-wheel drive road. The western portion of the claims has no road access although a horse trail running along the west side of the White River provides foot access to lower elevations. A number of bulldozer trails and four-wheel drive roads serve as access to areas of exploration interest on the eastern part of the property. Meals, lodging, telephone service and fuel supplies are available within a few kilometres at the White River Motor Lodge.

The property comprises seventy-seven contiguous claims covering approximately 1100 hectares (Figure 2) in the Whitehorse Mining District as listed below.

| <u>Claim Name</u> | <u>Grant Number</u> | <u>Expiry Date</u> |
|-------------------|---------------------|--------------------|
| Micro 1-2         | 86108-86109         | April 10, 1998     |
| 3-4               | 86111-86112         | April 10, 1998     |
| 6                 | 86115               | April 10, 1998     |
| 10-11             | 86367-86368         | April 10, 1998     |
| 12                | 86360               | April 10, 1998     |
| Weng 1F-2F        | YA96585-YA96586     | April 10, 1998     |
| 3-10              | YA96732-YA96739     | April 10, 1998     |
| 11                | YB06099             | April 10, 1998     |
| Cana 1-6          | YA97083-YA97088     | April 10, 1998     |
| River 1-8         | YB38253-YA38260     | April 10, 1999     |
| White 1-18        | YB38234-YB38251     | April 10, 1999     |
| 20                | YB38252             | April 10, 1999     |
| Onion 1-13        | YA96595-YA96607     | March 19, 1996     |
| 14-25             | YA97913-YA97924     | March 19, 1996     |

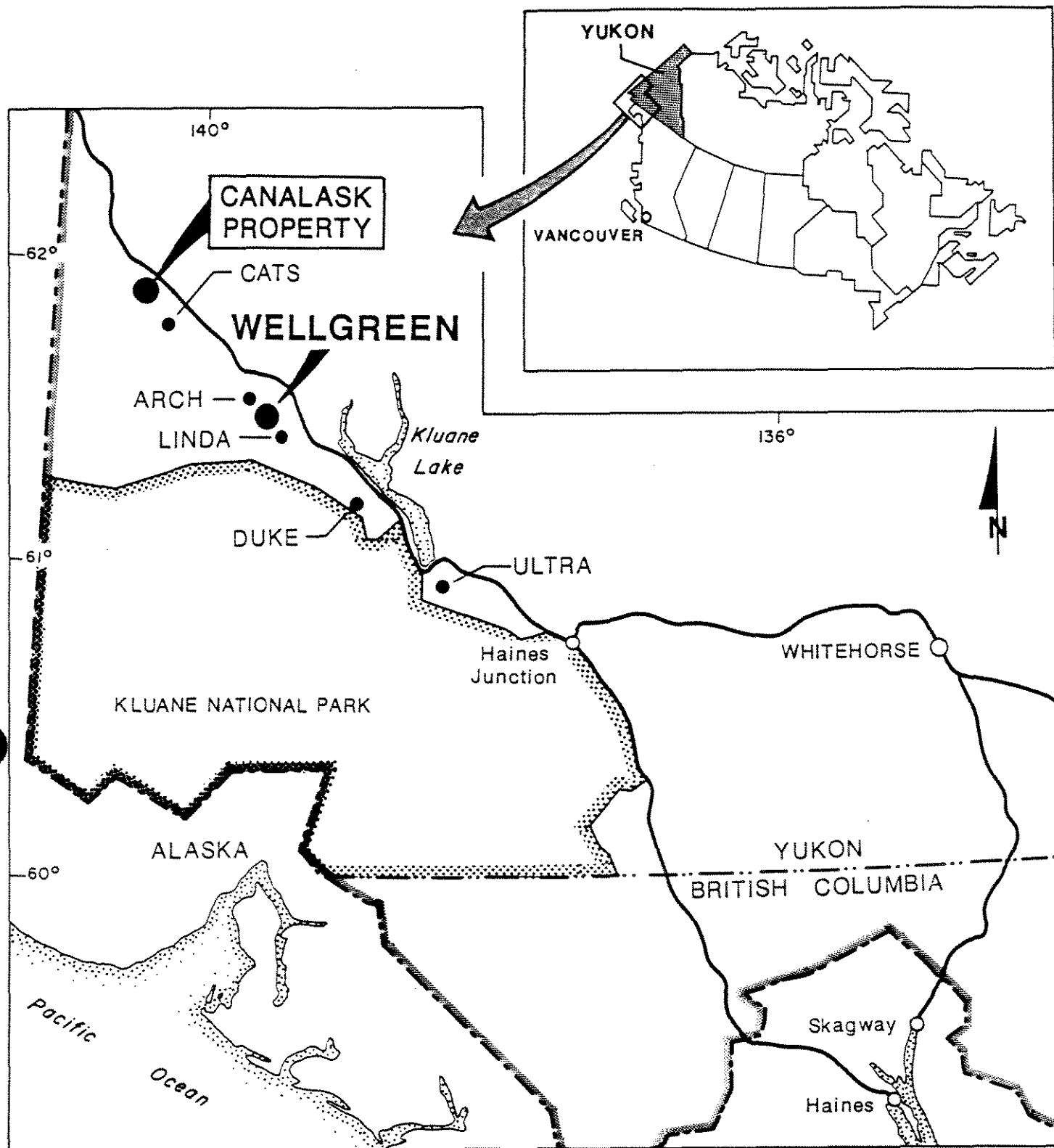


Figure 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

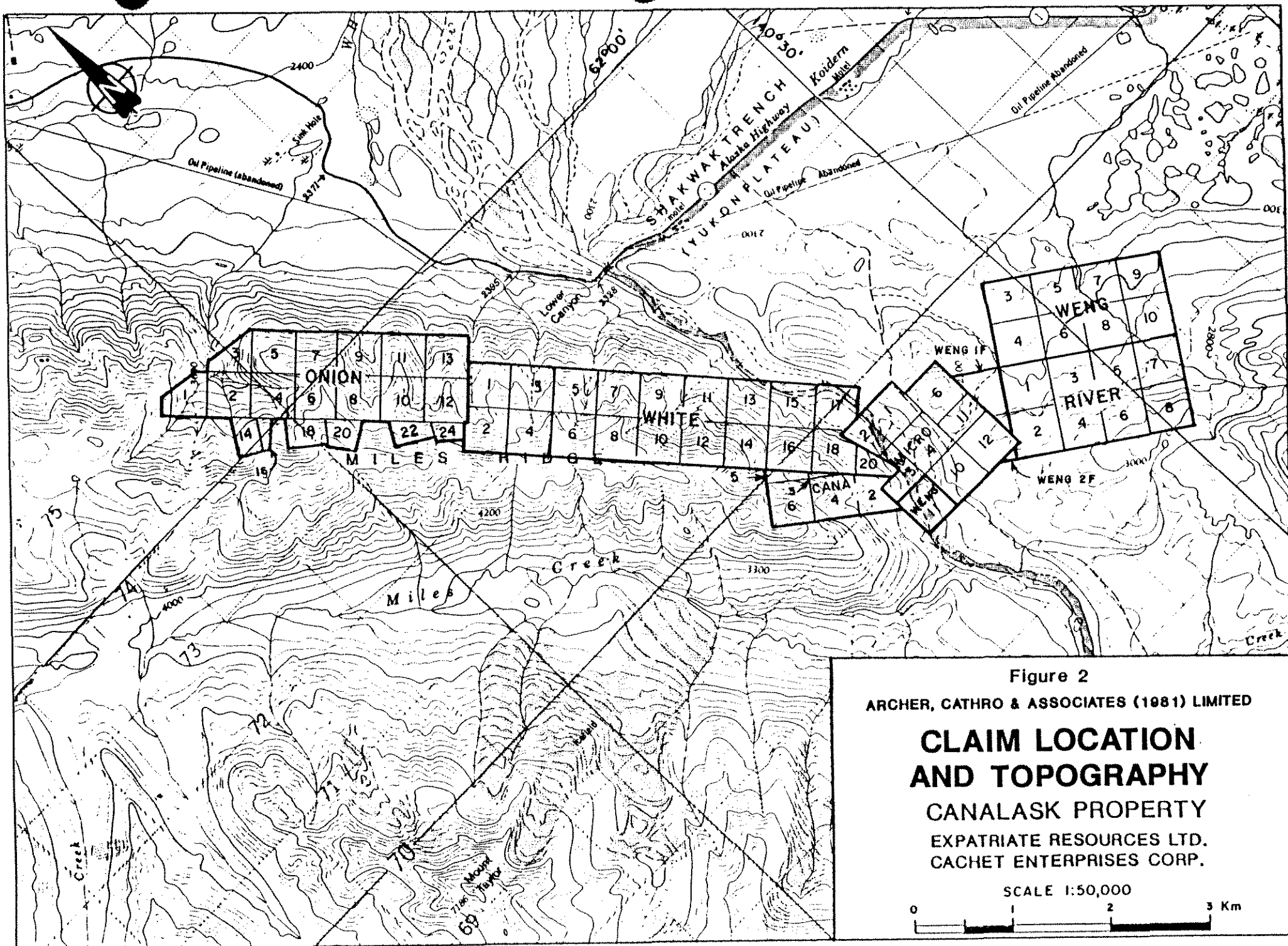
## LOCATION

## CANALASK PROPERTY

KLUANE DISTRICT, YUKON

EXPATRIATE RESOURCES LTD.

CACHET ENTERPRISES CORP.



### TOPOGRAPHY AND VEGETATION

East of the White River, the claims are underlain by low, rolling hills separated with low-lying swampy areas (Figure 2). The hills are vegetated with white spruce, minor alder and birch. All slopes except for south-facing ones have permafrost at shallow depths. Alder and birch are more prevalent on south-facing slopes and in areas of permafrost retreat that have been disturbed by previous exploration activities. The western half of the property straddles a northwest-trending ridge with a maximum elevation of approximately 1850 m. Spruce, alder and birch covered slopes give way to alpine and sub-alpine vegetation at higher elevations.

### HISTORY

Nickel mineralization was discovered in Permian to Triassic volcanic sedimentary rocks forming a rusty bluff on the east side of the White River in 1952 by P. Eikland, W. Theriault and F. Hickey. The property was immediately optioned by a syndicate composed of Prospectors Airways Ltd., Noranda Mines Ltd. and Kerr Addison Gold Mines Ltd. They drilled fourteen holes (1622 m) in 1953 and subsequently dropped the option in March 1954. In May of that year, the property was optioned by Canalask Nickel Mines Ltd., a new company formed by Ontario Nickel Mines Ltd. and Frobisher Ltd. Frobisher's interest was later transferred to Quebec Metallurgical Industries Ltd. (both Falconbridge subsidiaries). Between 1954 and 1958, Canalask completed 518 m of drifting on two levels and diamond drilled sixteen holes (2677 m) on surface and fourteen underground holes (402 m).

The claims were allowed to lapse and then restaked as the Micro claims in March, 1964 by P. and H. Verslucce and C. Gibbons of Whitehorse. The property was then optioned by a joint venture between Discovery Mines Limited, Rayrock Mines Limited and Consolidated Canadian Faraday Mines Limited. In 1967-68, the syndicate performed geophysical surveys (magnetometer, IP and EM-16), bulldozer trenching and 999 m of surface diamond drilling (four holes) and 371 m of underground drilling (eight holes).

The joint venture dropped the option and the owners performed some trenching in 1971 before optioning the claims in February 1972 to the Nickel Syndicate (Canadian Superior Exploration Ltd., Aquitaine Co. Canada Ltd., Home Oil Limited and Getty Mines Limited). The

Nickel Syndicate performed geological mapping, magnetometer and shootback EM geophysical surveys in 1972 and magnetometer, EM-17 and diamond drilling in seven holes (643 m) in 1973. This work was primarily directed at investigating the potential for magmatic nickel-copper sulphide mineralization in the White River Mafic-Ultramafic Complex.

The property was idle until 1984 when it was briefly examined for its platinum potential by Mammoth Resources Limited. In December 1986 the Micro claims were optioned by Kluane Joint Venture (All-North Resources Ltd. and Chevron Minerals Ltd.) and later joint ventured with Rockridge Mining Corporation. In 1987 the joint venture performed geological, geophysical (magnetometer and VLF-EM), geochemical surveys and diamond drilling of five holes totalling 603 m. This work was primarily directed at the platinum potential of the main ultramafic body.

Subsequent to this, Rockridge dropped their option and All-North purchased the Chevron Minerals interest in the property. All-North, in turn, sold the property in 1992 to private interests. Expatriate Resources Ltd. purchased a 100% interest in Micro, Weng, Cana and Onion claims and staked the White and River claims in 1993 before carrying out linecutting and grid establishment, magnetometer and VLF-EM geophysical surveys, geological and geochemical surveys with follow-up excavator trenching.

The 1994 work was funded by Cachet Enterprises Corp. which can earn a 50% interest in the property through carrying out exploration expenditures totalling \$1 million over a three year period. Expatriate Resources will be the project operator during and after earn-in.

**1994 WORK PROGRAM**

The 1994 work was limited to the east side of the river on the Micro 1 and 4 claims. The original mine grid was partially rehabilitated with linecutting and surveying. In addition, survey control was established to link the existing underground workings with the 1994 diamond drilling.

The following Archer, Cathro personnel were involved in the program.

|                   |                      |                        |
|-------------------|----------------------|------------------------|
| Rob Carne         | Supervision          | Vancouver, B.C.        |
| Bill Wengzynowski | Geologist            | Whitehorse, Yukon      |
| Kel Sax           | Geologist            | Destruction Bay, Yukon |
| Tom Becker        | Geologist            | Vancouver, B.C.        |
| Iain Gibson       | Geological Assistant | Whitehorse, Yukon      |
| Don Robinson      | Geological Assistant | Whitehorse, Yukon      |

Diamond drilling was carried out by Caron Diamond Drilling Ltd. of Whitehorse, Yukon.

Helicopter support was provided by Trans North Air Ltd. and Kluane Helicopters Ltd. from bases at Haines Junction, Yukon. Assays and geochemical analyses were carried out by Chemex Labs Ltd. of North Vancouver, B.C.

## GEOLOGY

### Regional Geology

The property lies just southwest of the Shakhwak-Denali Fault system, a major northwest-trending right-lateral fault that extends from British Columbia into Alaska (Figure 3). The fault marks a major terrane boundary separating Wrangellia Terrane from Nisling Terrane to the north. A series of major faults parallel and splay off the Shakhwak-Denali system, including the Duke River and Totschunda Faults. The property lies within a portion of Wrangellia Terrane bounded by the Duke River-Totschunda and Shakhwak-Denali Faults.

Wrangellia Terrane in the claim area consists mainly of a Pennsylvanian to Permian Skolai Group submarine volcanic and volcanoclastic-sedimentary sequence (Station Creek and Hasen Creek Formations) deposited on an unknown basement. Overlying this is an Upper Triassic submarine and sub-aerial mafic volcanic assemblage with intercalated shallow marine sedimentary rocks (Nikolai Greenstone and Chitistone/Nizina Limestone). Jurassic deeper marine sedimentary rocks of the Dezadeash Group are the youngest stratified rocks in the area. Stratigraphic relationships are summarized in the Table of Formations on the following page.

All units are intruded by Cretaceous felsic plutons of the Kluane Range Intrusions Middle Triassic mafic to ultramafic sills and dykes (White River, Quill Creek and Tatamagouche Mafic-Ultramafic Complexes) that may be genetically related to Nikolai Greenstone also intrude the strata. These are associated with numerous significant nickel-copper-cobalt±PGE deposits in the Kluane Ranges.



**TABLE I**  
**TABLE OF FORMATIONS**

***CRETACEOUS***

Kluane Range Intrusions (Kd): hornblende-biotite granodiorite, granodiorite, quartz-diorite, diorite

***UPPER JURASSIC-LOWER CRETACEOUS***

Dezadeash Group (JKd): interbedded greywacke, sandstone, siltstone, shale, argillite and conglomerate

***UPPER TRIASSIC***

Nikolai Greenstone (uTrn): green to maroon amygdaloidal basalt and andesite flows with interbedded tuff, breccias and minor limestone (Chitistone/Nizina Limestone)

***MIDDLE TRIASSIC***

White River Mafic-Ultramafic Complex (PTrub): dunite, peridotite, gabbro

***PENNSYLVANIAN - LOWER PERMIAN***

Skolai Group:

Hasen Creek Fm (Ps): siliceous argillite, siltstone, greywacke, conglomerate, chert

Station Creek Fm (Pv): andesitic tuff, breccia, argillite, limestone

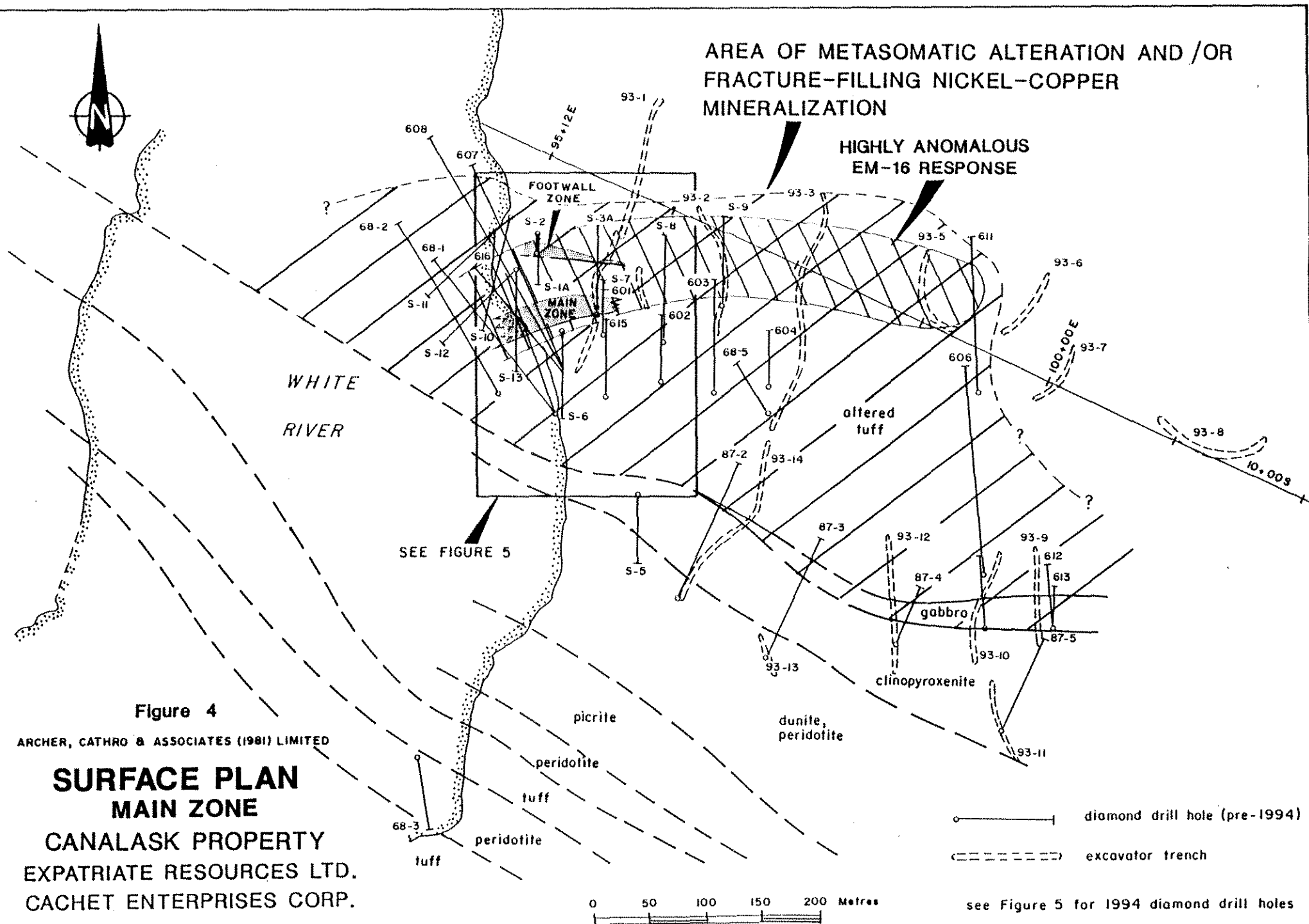
### Property Geology

Geology of the eastern part of the property is generalized on Figure 3 while detailed geology of the Main Zone area is given on Figure 4. The most economically important geological component of the property is the White River Mafic-Ultramafic Complex which intrudes Skolai Group strata. The complex cuts bedding at a low angle and forms a steeply south-dipping sill that separates Station Creek Fm tuffs, argillite and limestone on the northeast from Hasen Creek Fm greywacke, argillite and cherts to the southwest. On the west side of the river, Nikolai basalts occur to the south and upsection of the mafic-ultramafic body. At 16 km long with an average width of about 275 m, the White River Complex is the second largest mafic-ultramafic body in the Kluane Belt.

A description of the main lithologic units follows.

a) White River Mafic-Ultramafic Complex

The intrusive body trends  $135^{\circ}$  and is approximately 100 m wide on the west side of the river but trends  $120^{\circ}$  with widths up to 300 m wide on the east side of the river. Much of the relatively recessive complex is covered by glacial till and bedrock exposure is almost non-existent, especially east of the White River. The sill is comprised primarily of dark green massive dunite and peridotite with discontinuous marginal picrite (olivine-clinopyroxenite) and gabbro phases, mostly along the footwall contact. These units probably represent a multiphase intrusive event rather than in situ differentiation from a single melt. The initial stage was thought to be ultramafic in composition with the more mafic sulphide-bearing gabbros and picrites generated as a late-stage differentiate from a parent magma chamber at depth which was later injected along the same



plane of weakness as the ultramafic body. The dunite has undergone pervasive weak to moderate serpentinization and moderate to intense carbonatization. Alteration is strongest when associated with intense fracturing. The fresh dunite comprises primarily olivine with 5% orthopyroxene and 2% biotite. Peridotite is generally fine to medium grained and exhibits moderate to intense serpentinization. The gabbro and clinopyroxenite phases of the complex originally contained equal amounts of plagioclase and clinopyroxene with up to 15% olivine and 15% orthopyroxene. As with other phases, the gabbro is moderately to strongly serpentinized.

b) Station Creek Fm

This unit has a general southeasterly strike with steep dips to the southwest. In the area of interest on the claims, andesitic tuffs with minor lapilli tuffs predominate. These volcanic rocks are typically grey to green, locally mottled and fine to very fine grained although the unit grades to a lapilli tuff and coarser agglomerate in some areas on the property. Subrounded, siliceous felsic to intermediate clasts ranging in size from less than 1 to 3 cm in size comprise 5 to 15% of the rock. Medium to dark grey, medium-grained limestone occurs as isolated pods and thin beds usually spatially associated with the tuff. Limy grey argillite and black siliceous argillite are also intercalated with the tuffaceous rocks. These are prominent both along the river bank and at higher elevations on the east side of the river. Locally, the banded tuff is replaced by a siliceous hornfels that has been described as chert by previous workers. Intense albite, chlorite and carbonate alteration accompanies fracturing and sulphide mineralization in the tuffs, especially in the vicinity of the Main and Footwall Zones. Minor amounts of sericite and epidote are also locally present. Minor skarnification of limestone with the development of diopside and garnet was observed in trenches in the Main Zone alteration area.

c) Hasen Creek Fm

On the eastern side of the property, units of this formation crop out only along the riverbank south of the mafic-ultramafic complex. Quartzites range from fine to medium grained and are grey to buff in colour. Grey greywackes tend to be medium to coarse grained and are usually associated with dark grey to black schistose argillites.

d) Nikolai Greenstone

Basalt to andesite flows, tuffs and volcanic breccias form prominent cliffs west of the river. The volcanic rocks are typically green to maroon in colour with amygdaloidal texture. Amygdule fillings are generally calcite with minor quartz or chlorite and epidote.

Structure

Most of the structures on the property are parallel or subparallel to the northwesterly trend of the Denali Fault. A less prominent structural trend occurs in a north-south direction. A fault or series of faults may occur along the White River and a number of northerly-trending lineaments are evident on airphotos of areas east of the river. Bedding attitudes vary locally but the overall stratigraphic package dips steeply southwest with strike direction parallel to the northwesterly trend of the major structures. The general absence of small-scale folds in both isolated outcrops along the river banks and in drill core suggest that only minor large-scale folding may be present.

### MINERALIZATION AND RESULTS OF 1994 DIAMOND DRILLING

Two distinct types of nickeliferous sulphide mineralization have been discovered to date on the Canalask Property. These consist of magmatic sulphide segregations within the intrusions and crosscutting "offset" mineralization in footwall rocks.

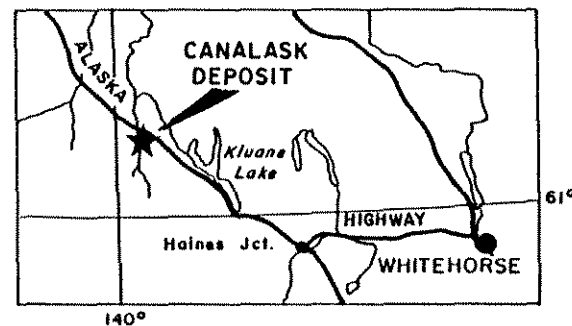
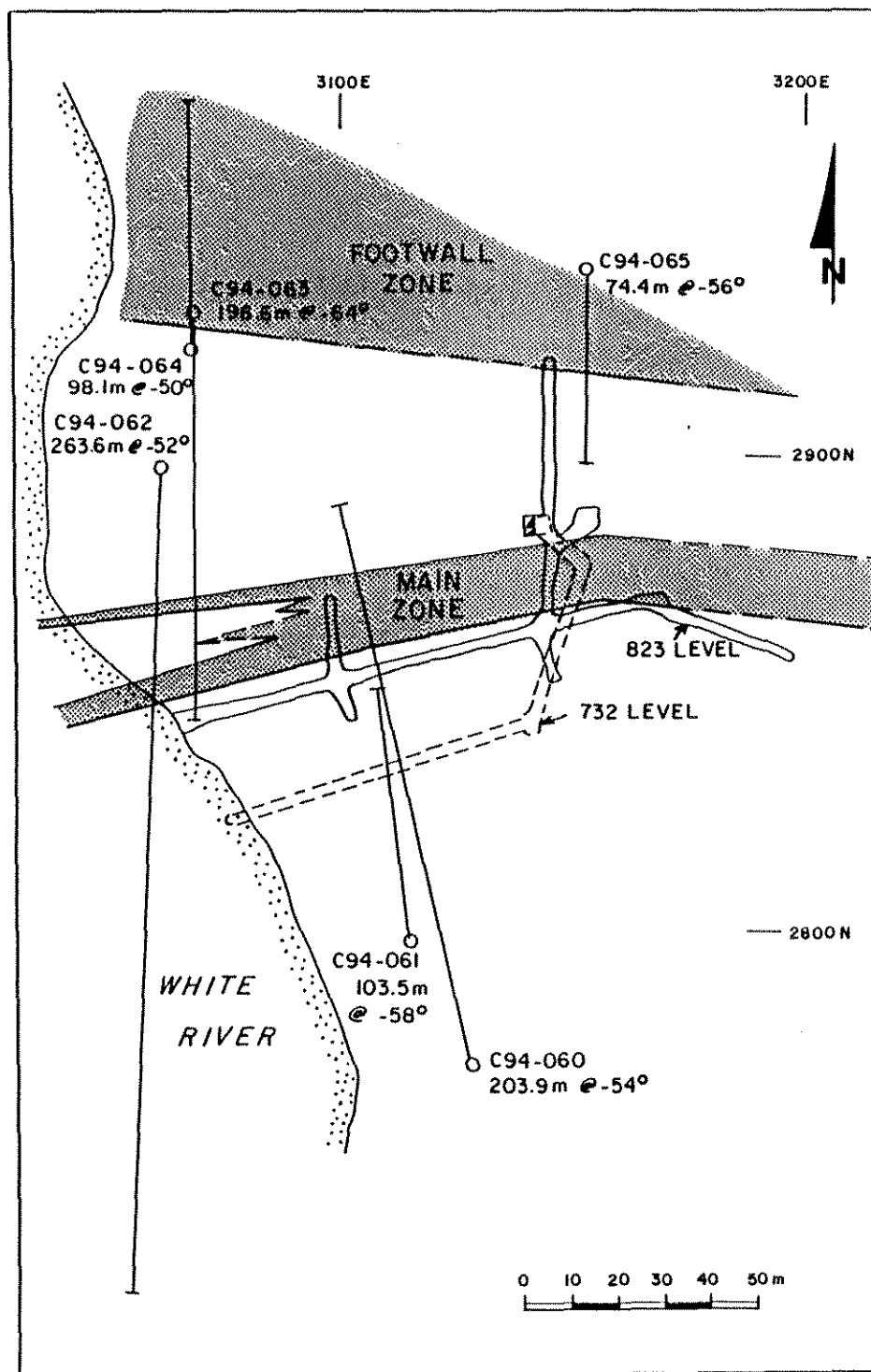
Pyrrhotite-pentlandite and chalcopyrite occur with pyrite and minor heazlewoodite, niccolite and magnetite as disseminations and lenticular immiscible sulphide segregations at or near the base of the marginal gabbro phase. This is the most common type of sulphide mineralization associated with mafic-ultramafic complexes in the Kluane Range and the former Wellgreen Mine located 90 km to the southeast is probably the most well known example. Two general areas within the White River Mafic-Ultramafic Complex have been explored for magmatic sulphide mineralization (Figure 3). Four individual localities occur on the Onion claims near the western part of the property. Assays of thin massive sulphide horizons here range from 3.1 to 4.5% nickel, 0.73 to 0.91% copper, 0.09 to 0.15% cobalt, 50 to 2000 ppb platinum, 750 to 1700 ppb palladium, 700 to 780 ppb rhodium, 760 to 1000 ppb osmium, 640 to 840 ppb iridium and 1900 to 2500 ppb rhodium. Disseminated sulphide mineralization in the enclosing and overlying gabbro contains up to 0.32% nickel, 0.24% copper and greater than 1000 ppb PGE. In the eastern part of the property, at least seven holes have been drilled to test this type of target in an area of deep overburden cover but only two holes reached the base of the igneous complex. The best intersection was from Hole 73-07 where a 7 m thickness of gabbro with disseminated sulphide mineralization returned average values of 0.76% nickel, 0.24% copper, 440 ppb platinum and 1370 ppb palladium.

The most significant sulphide mineralization occurs in footwall rocks north of the mafic-ultramafic complex on the eastern shoreline of the river. This has been termed offset mineralization. Altered siliceous tuffs with intercalated limestone, argillite and small sill-like intrusions of gabbro contain disseminations, veins, fracture fillings, breccia fillings and irregular replacements of pyrrhotite, pyrite, chalcopyrite and pentlandite in semi-massive to massive quantities within tabular bodies that conform with stratigraphy. The Main Zone, which has been explored both on surface and underground over a strike length of 130 m, averages about 10 m wide with a steep southwesterly rake. Reserves of 390,235 tonnes grading 1.35% nickel were calculated for this zone in 1968 by Discovery Mines. Core recoveries were low and significantly higher tonnages and grades may be present since only recovered intervals were used for the tonnage calculation. A significant feature of the Main Zone is the relatively coarse-grained nature of the nickel sulphide minerals (pyrrhotite, pentlandite and millerite) which resulted in flotation concentrates from early tests that graded as high as 19.7% nickel. The Main Zone is enveloped by hornfelsed and albitized tuffs which carry fracture filling pyrite, pyrrhotite and chalcopyrite.

Locations of all surface drill holes are given on Figure 4 while locations of the 1994 holes are given in detail on Figure 5.

The historical diamond drill data for the Main Zone should not be used for reserve definition for the following reasons:

- i) all old holes were small diameter (BQ or less) and deviation from the collar orientation on holes longer than 150 m could have been extreme. No downhole surveys were carried out because of the high magnetite content of the nearby ultramafic rocks;



| HOLE      | FROM<br>(m)                | TO<br>(m) | WIDTH<br>(m) | Ni<br>(%) | Cu<br>(%) | Co<br>(%) | ZONE     |
|-----------|----------------------------|-----------|--------------|-----------|-----------|-----------|----------|
| C94 - 060 | 104.6                      | 119.8     | 15.2         | 1.02      | 0.12      | 0.018     | Main     |
|           | 187.8                      | 194.0     | 6.2          | < 0.01    | 0.96      | 0.008     | Footwall |
| C94 - 061 | 80.6                       | 91.6      | 11.0         | 1.37      | 0.02      | 0.008     | Main     |
| C94 - 062 | 48.2                       | 52.1      | 3.9          | 0.28      | < 0.01    | 0.009     | Main     |
|           | 71.8                       | 81.9      | 10.1         | 0.60      | 0.01      | 0.015     | Main     |
| C94 - 063 | stopped short of MAIN ZONE |           |              |           |           |           |          |
| C94 - 064 | 12.4                       | 15.4      | 3.0          | 1.34      | 0.10      | 0.055     | Footwall |
|           | 34.5                       | 50.5      | 16.0         | < 0.01    | 0.59      | 0.016     | Footwall |
|           | 59.5                       | 74.0      | 14.5         | < 0.01    | 0.36      | 0.003     | Footwall |
| C94 - 065 | 9.1                        | 57.4      | 48.3         | 0.22      | 0.24      | 0.024     | Footwall |
| Including | 43.9                       | 49.8      | 5.9          | 0.72      | 0.04      | 0.026     | Footwall |

Figure 5

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## 1994 DIAMOND DRILL RESULTS

### CANALASK PROJECT

SOUTHWEST YUKON TERRITORY

EXPATRIATE RESOURCES LTD.

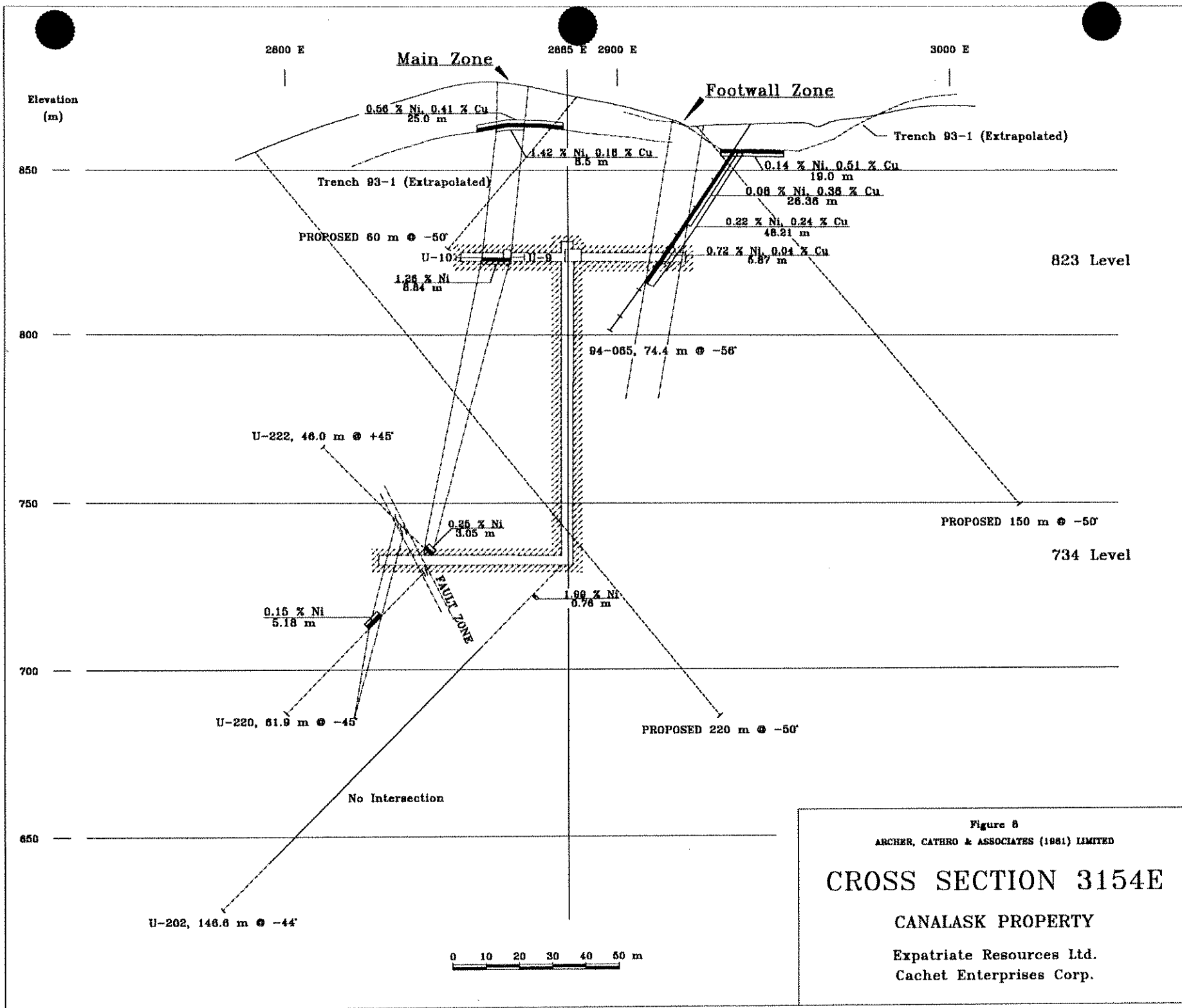
CACHET ENTERPRISES CORP.

- ii) core recoveries in most mineralized intervals varied between 40 and 70%;
- iii) only semi-massive or massive sulphide intervals were assayed. All sulphide-bearing intervals were analyzed in 1994 and some of the better grade intervals consisted of only disseminated or fracture-filling mineralization; and,
- iv) several old hole collars were relocated and tied in with an accurate laser theodolite survey to the underground workings and to the Mine Grid in 1994. Some hole collars varied as much as 12 m from the location given in old records.

In short, much of the old Canalask property drill hole data is unreliable and, while the previous intersections can be used as a guide to the general tenor and extent of mineralization, the level of confidence is too low to permit calculation of a defensible reserve estimate.

The 1994 drill program of 940 m of large diameter (HQ) diamond drilling in six holes enabled core recoveries better than 90% on average. Directional surveys were not carried out but acid etch tests confirmed that deviation in the vertical plane from the collar angle was slight. All sulphide-bearing intervals were analyzed geochemically while values of nickel and copper greater than 10,000 ppm were assayed. The drilling was directed at confirming historical drill intersections of the Main Zone as well as evaluating very anomalous geophysical response in an area north of the Main Zone known as the Footwall Zone. Significant intersections are tabulated below while complete assays with drill logs are included as appendices to this report.

Holes C94-060 and C94-061 were drilled through the central part of the westerly-plunging Main Zone reserve block on Section 3110E (Figure 6). The Main Zone intersections of 15.2 m grading 1.02% nickel with 0.12% copper and 0.018% cobalt and 11.0 m with 1.37% nickel,



0.02% copper and 0.008% cobalt (representing true widths of about 12 and 9 m, respectively) are within 20 m of the historical intersection in Hole C94-067-1 of 1.10% nickel and 0.15% copper over 25 m (a true width of about 19 m). Hole C94-060 was extended about 70 m beyond the Main Zone where an intersection of 0.96% copper and 0.008% cobalt with less than 0.01% nickel was returned at the top of the Footwall Zone.

**TABLE II**  
**1994 DIAMOND DRILL INTERSECTIONS**

| <u>Hole</u> | <u>From<br/>(m)</u>        | <u>To<br/>(m)</u> | <u>Width<br/>(m)</u> | <u>Nickel<br/>(%)</u> | <u>Copper<br/>(%)</u> | <u>Cobalt<br/>(%)</u> | <u>Zone</u> |
|-------------|----------------------------|-------------------|----------------------|-----------------------|-----------------------|-----------------------|-------------|
| C94-060     | 104.6                      | 119.8             | 15.2                 | 1.02                  | 0.12                  | 0.018                 | Main        |
|             | 187.8                      | 194.0             | 6.2                  | <0.01                 | 0.96                  | 0.008                 | Footwall    |
| C94-061     | 80.6                       | 91.6              | 11.0                 | 1.37                  | 0.02                  | 0.008                 | Main        |
| C94-062     | 71.8                       | 81.9              | 10.1                 | 0.60                  | 0.01                  | 0.015                 | Main        |
| C94-063     | stopped short of Main Zone |                   |                      |                       |                       |                       |             |
| C94-064     | 12.4                       | 15.4              | 3.0                  | 1.34                  | 0.10                  | 0.055                 | Footwall    |
|             | 34.5                       | 50.5              | 16.0                 | <0.01                 | 0.59                  | 0.016                 | Footwall    |
|             | 59.5                       | 74.0              | 14.5                 | <0.01                 | 0.36                  | 0.003                 | Footwall    |
| C94-065     | 9.1                        | 57.4              | 48.3                 | 0.22                  | 0.24                  | 0.024                 | Footwall    |
| Including   | 43.9                       | 49.8              | 5.9                  | 0.72                  | 0.04                  | 0.026                 | Footwall    |

Holes C94-062, C94-063 and C94-064 were drilled as a fence across the west end of both the Main and Footwall Zones on Section 3065E (Figure 7). Hole C94-062 intersected 10.1 m grading 0.60% nickel, 0.01% copper and 0.015% cobalt in the Main Zone. Hole C94-063 was drilled to test the immediate footwall of the Main Zone as well as to test the Main Zone at depth.

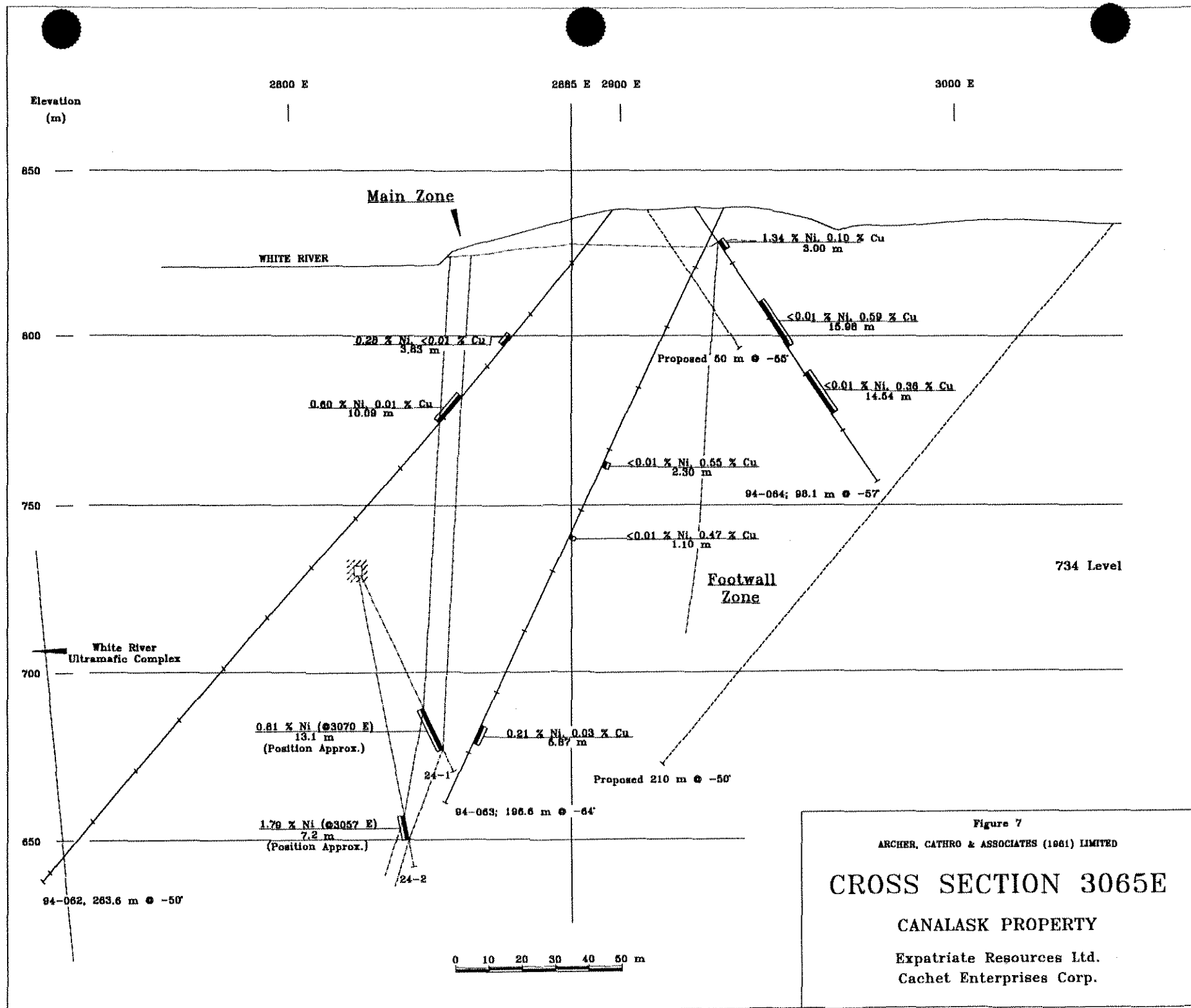


Figure 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

## CROSS SECTION 3065E

CANALASK PROPERTY

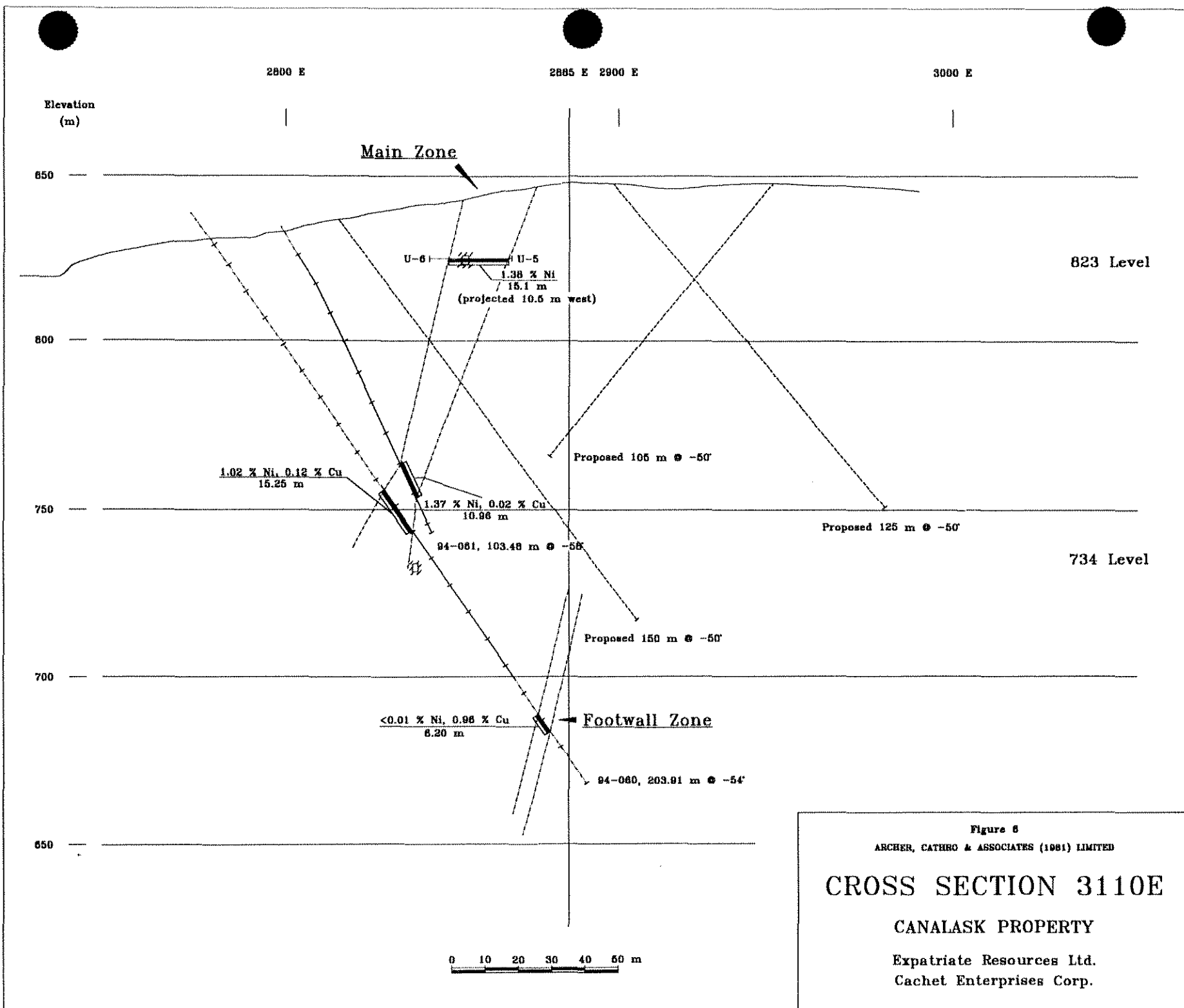
Expatriate Resources Ltd.  
Cachet Enterprises Corp.

Unfortunately, the hole steepened slightly and had to be abandoned short of the target. Hole C94-064 tested an overburden-covered area north of the Main Zone where no previous drilling had been carried out and where anomalous geophysical response is present. The hole collared in altered tuff with 5 to 20% pyrrhotite and 1 to 5% pyrite as veins, fracture fillings, disseminations and irregular replacements that graded 1.34% nickel, 0.10% copper and 0.055% cobalt over 3.0 m. Two relatively copper-rich zones were intersected further down the hole, one grading <0.01% nickel, 0.59% copper and 0.016% cobalt over 16.0 m while the other carried <0.01% nickel, 0.36% copper and 0.003% cobalt over 14.5 m.

Hole C94-065 was collared on Section 3154E (Figure 8) in drift-covered, fracture filling to semi-massive sulphide mineralization and intersected a 48.3 m interval grading 0.22% nickel, 0.24% copper and 0.024% cobalt which includes a 5.9 m higher grade nickel-rich zone with 0.72% nickel, 0.04% copper and 0.026% cobalt.

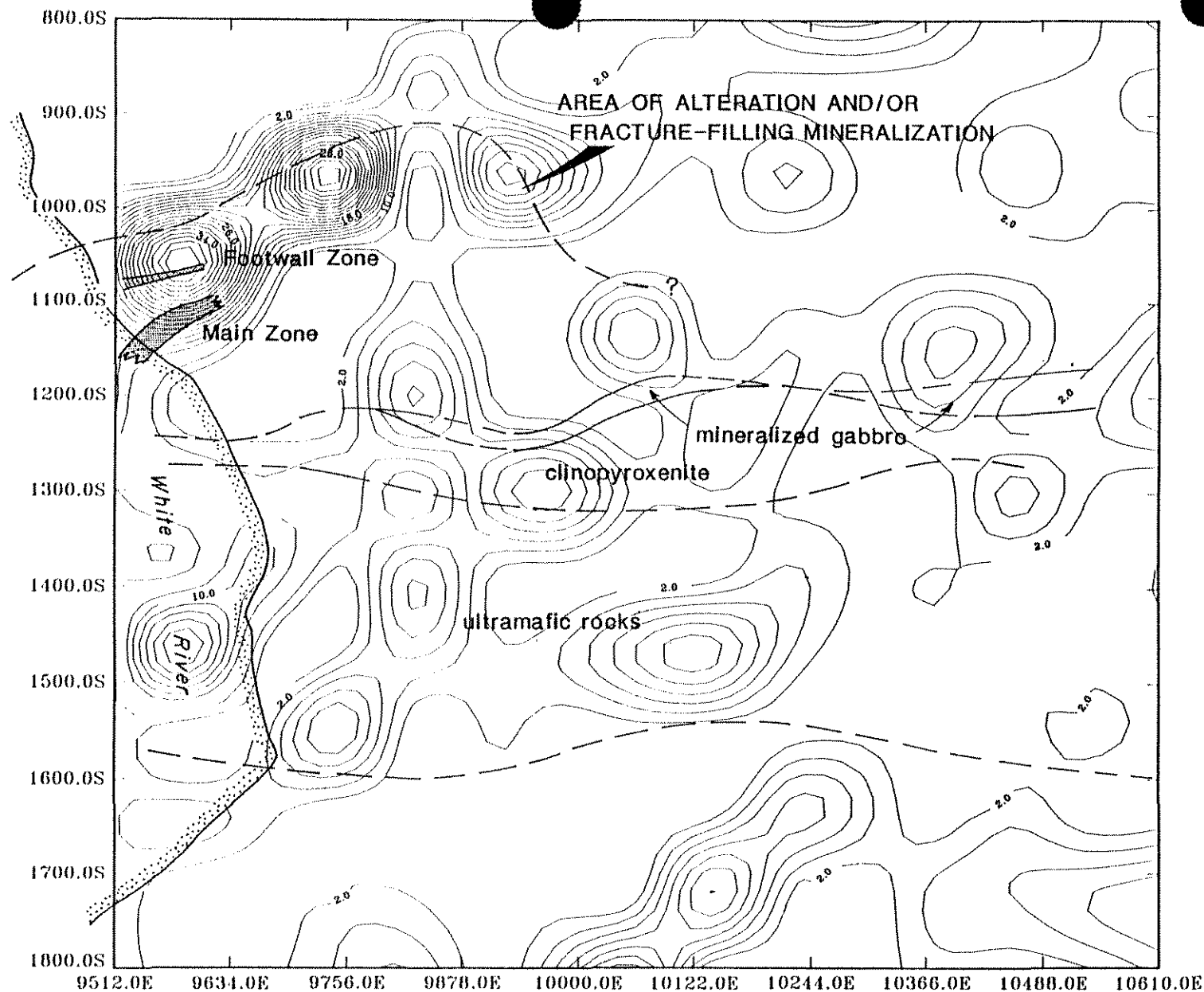
All intervals which carry greater than 0.20% nickel and/or 0.20% copper were composited and analyzed for gold, platinum and palladium with negative results as only trace to low background levels of precious metals were recorded.

Despite the irregular nature of mineralization in detail, the mineralized zones are remarkably tabular in larger scale perhaps reflecting a combination of both structural and stratigraphic controls. Although evidence is still preliminary, at best, assay data from the 1993 trenching and 1994 drilling programs suggest that a generalized mineralogical and metallogenic zonation is present. Pyrrhotite-pentlandite breccia mineralization, which contains primarily nickel, grades



outward to pyrrhotite-chalcopyrite stockwork and veinlet zones which contain both significant nickel and copper grades as well as cobalt. These are, in turn, enveloped by a wide disseminated and fracture filling pyritic halo which carries erratic, but generally low grade, copper values.

Strongest geophysical response (Figure 9) lies in an overburden-covered area along the north edge of the Footwall Zone which is untested by drilling or trenching suggesting that additional mineralized zones remain to be discovered. In addition, strongest geochemical response on the Onion claims at the west end of the property occurs over altered footwall rocks and offset mineralization may be present in this area as well.



Contour interval: 2 %

0 200  
metres

|                     |  |                             |            |
|---------------------|--|-----------------------------|------------|
| Archer Cathro       |  | Figure 9                    |            |
| CANALASK Property   |  | Mining District: Whitehorse |            |
| Fraser Filtered VLF |  | NTS: 1:5 F                  | SCALE      |
| AMEROK GEOPHYSICS   |  | OPERATOR: M.A.P.            |            |
|                     |  | DATE: 01 SEP 93             | JOB: 93 15 |

### NORIL'SK-TALNAKH ORES, SIBERIA

The ore deposits of the Noril'sk-Talnakh area are associated with hypabyssal mafic-ultramafic intrusions related to Triassic flood basalts. The sill-like bodies were emplaced in Upper Permian clastic sedimentary and tuffaceous volcanic rocks near the contact with the overlying flood basalts.

The ore-bearing intrusions are petrochemically complex, finger-like bodies with average length:width:thickness ratios of about 120:12:1. Compositionally, the mineralized intrusions range from peridotite and picrite (olivine-bearing clinopyroxenite) through olivine-bearing gabbro-dolerite to leucogabbro with textural variations ranging from very fine-grained chilled gabbros to taxitic (pegmatitic) rocks. Petrological and geochemical evidence suggests that the ore-bearing intrusions formed through emplacement of multiple pulses of magma of differing composition, crystallinity and immiscible sulphide content. These are thought to have been periodically expelled from a differentiating magma chamber which lay at an intermediate depth between the surface and parent peridotite melt in the mantle. The sulphide mineralization is related to late-stage intrusion of metal and sulphur-rich residual magmas.

The well mineralized intrusions have produced much greater contact aureoles than would be expected for their size. Metasomatic alteration includes hornfelsing and albitization of clastic sedimentary rocks and tuffs with skarnification of calcareous strata.

Two general types of mineralization are present based on their relationships to host intrusions. Disseminated and droplet to lensoid nickel-copper-cobalt-PGE sulphide mineralization was emplaced as immiscible magmatic sulphide phases of the host gabbroic intrusion. Massive

sulphide lenses are generally small and erratic, occupying depressions along the floor of the parent intrusion where they probably concentrated as a result of density settling during crystallization.

The most economically significant types of mineralization, forming over 83% of the mineable ore, are massive sulphide bodies accompanied by veinlet and "brecciod" ores. The massive sulphide bodies occur as sheet-like masses or lenses that frequently crosscut both gabbro and footwall stratigraphy at a low angle. The best example of this ore type is the 130 million tonne Oktyabri'sk sulphide body with pre-production grades of 3.65% nickel, 4.70% copper and 0.13% cobalt and greater than 10 ppm total PGE's.

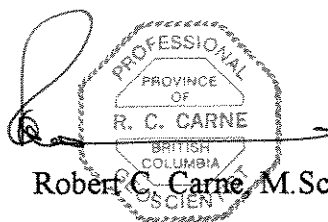
Where massive sulphide lenses occur in the footwall of the sills, they are usually flanked and enveloped by a halo of brecciod ores where sulphide minerals cement or infill between fragments of metasomatized country rocks. These give way to sulphide veinlets and irregular veins with intervening zones of disseminated sulphides. This so-called exocontact mineralization occurs as an echelon, parallel zones which are each characterized by nickel-rich minerals such as pentlandite and millerite in the brecciod ores, giving way to copper and nickel-bearing talnakhite (copper-nickel sulphide) with pyrrhotite and chalcopyrite in veinlet and fracture filling zones and eventually to pyrite-rich surrounding disseminated mineralization.

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

## STATEMENT OF QUALIFICATIONS

I, Robert C. Carne, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Burnaby, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1974 with a B.Sc. and in 1979 with an M.Sc. majoring in Geological Sciences.
2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (registration number 19868).
3. From 1974 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981 became a partner of Archer, Cathro & Associates (1981) Limited.
4. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.



Robert C. Carne, M.Sc., P.Geo.

**APPENDIX II**  
**ANALYTICAL CERTIFICATES**



# 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.

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

A9429093

Comments:

## CERTIFICATE

A9429093

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 27-OCT-94.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                     |
|-------------|----------------|---------------------------------|
| 205         | 80             | Geochem ring to approx 150 mesh |
| 273         | 80             | 26-35 lb crush and split        |
| 229         | 80             | ICP - Aq Digestion charge       |

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                      | METHOD  | DETECTION LIMIT | UPPER LIMIT |
|-------------|----------------|----------------------------------|---------|-----------------|-------------|
| 2118        | 80             | Ag ppm: 32 element, soil & rock  | ICP-AES | 0.2             | 200         |
| 2119        | 80             | Al %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2120        | 80             | As ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2121        | 80             | Ba ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2122        | 80             | Be ppm: 32 element, soil & rock  | ICP-AES | 0.5             | 100.0       |
| 2123        | 80             | Bi ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2124        | 80             | Ca %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2125        | 80             | Cd ppm: 32 element, soil & rock  | ICP-AES | 0.5             | 100.0       |
| 2126        | 80             | Co ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2127        | 80             | Cr ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2128        | 80             | Cu ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2150        | 80             | Fe %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2130        | 80             | Ga ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2131        | 80             | Hg ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2132        | 80             | K %: 32 element, soil & rock     | ICP-AES | 0.01            | 10.00       |
| 2151        | 80             | La ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2134        | 80             | Mg %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2135        | 80             | Mn ppm: 32 element, soil & rock  | ICP-AES | 5               | 10000       |
| 2136        | 80             | Mo ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2137        | 80             | Na %: 32 element, soil & rock    | ICP-AES | 0.01            | 5.00        |
| 2138        | 80             | Ni ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2139        | 80             | P ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2140        | 80             | Pb ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2141        | 80             | Sb ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2142        | 80             | Sc ppm: 32 elements, soil & rock | ICP-AES | 1               | 10000       |
| 2143        | 80             | Sr ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2144        | 80             | Ti %: 32 element, soil & rock    | ICP-AES | 0.01            | 5.00        |
| 2145        | 80             | Tl ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2146        | 80             | U ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2147        | 80             | V ppm: 32 element, soil & rock   | ICP-AES | 1               | 10000       |
| 2148        | 80             | W ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2149        | 80             | Zn ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |



# 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.

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project: CANALASK  
Comments: C-94-060

Page: 1-A  
Total Pages: 2  
Certificate Date: 27-OCT-94  
Invoice No.: 19429093  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9429093

| SAMPLE | PREP |     | Ag    | Al   | As  | Ba  | Be    | Bi  | Ca   | Cd    | Co  | Cr  | Cu   | Fe   | Ga   | Hg  | K      | La   | Mg   | Mn  | Mo  |
|--------|------|-----|-------|------|-----|-----|-------|-----|------|-------|-----|-----|------|------|------|-----|--------|------|------|-----|-----|
|        | CODE |     | ppm   | %    | ppm | ppm | ppm   | ppm | %    | ppm   | ppm | ppm | ppm  | %    | ppm  | ppm | %      | ppm  | %    | ppm | ppm |
| 934801 | 205  | 273 | 0.4   | 1.10 | < 2 | 60  | < 0.5 | 6   | 1.83 | 2.0   | 21  | 64  | 567  | 4.17 | < 10 | < 1 | 0.11   | < 10 | 0.56 | 260 | 6   |
| 934802 | 205  | 273 | 0.4   | 1.38 | 16  | 90  | < 0.5 | < 2 | 5.28 | 1.0   | 20  | 38  | 225  | 2.42 | < 10 | < 1 | 0.29   | < 10 | 0.99 | 395 | 1   |
| 934803 | 205  | 273 | 0.4   | 1.26 | 8   | 60  | < 0.5 | 4   | 3.37 | 1.0   | 40  | 83  | 478  | 3.61 | < 10 | < 1 | 0.10   | < 10 | 0.95 | 350 | < 1 |
| 934804 | 205  | 273 | 0.6   | 0.77 | 8   | 30  | < 0.5 | 2   | 2.71 | 1.0   | 31  | 89  | 688  | 3.45 | < 10 | < 1 | 0.02   | < 10 | 0.77 | 365 | 3   |
| 934805 | 205  | 273 | 0.4   | 1.11 | < 2 | 30  | < 0.5 | 2   | 1.86 | 0.5   | 39  | 67  | 980  | 3.94 | < 10 | < 1 | 0.03   | < 10 | 0.59 | 275 | 1   |
| 934806 | 205  | 273 | 0.8   | 1.18 | 2   | 40  | < 0.5 | < 2 | 2.20 | 0.5   | 65  | 55  | 992  | 4.81 | < 10 | < 1 | 0.06   | < 10 | 0.60 | 320 | < 1 |
| 934807 | 205  | 273 | 0.4   | 1.33 | 6   | 60  | < 0.5 | 6   | 2.76 | 0.5   | 41  | 64  | 743  | 3.90 | < 10 | < 1 | 0.12   | < 10 | 0.71 | 345 | < 1 |
| 934808 | 205  | 273 | 0.4   | 1.29 | 6   | 70  | < 0.5 | 2   | 1.79 | < 0.5 | 20  | 72  | 757  | 4.02 | < 10 | < 1 | 0.04   | < 10 | 0.50 | 205 | 1   |
| 934809 | 205  | 273 | 0.4   | 0.97 | 4   | 40  | < 0.5 | 4   | 1.40 | < 0.5 | 34  | 58  | 668  | 3.50 | < 10 | < 1 | 0.06   | < 10 | 0.48 | 230 | 3   |
| 934810 | 205  | 273 | 0.4   | 1.02 | 4   | 40  | < 0.5 | < 2 | 1.84 | < 0.5 | 37  | 59  | 831  | 4.11 | < 10 | < 1 | 0.07   | < 10 | 0.83 | 330 | 2   |
| 934811 | 205  | 273 | 0.4   | 0.89 | 6   | 60  | < 0.5 | 6   | 3.10 | 0.5   | 45  | 73  | 892  | 4.16 | < 10 | < 1 | 0.11   | < 10 | 0.62 | 345 | 1   |
| 934812 | 205  | 273 | 0.4   | 1.16 | < 2 | 50  | < 0.5 | < 2 | 3.87 | 0.5   | 36  | 71  | 679  | 3.90 | < 10 | < 1 | 0.09   | < 10 | 0.74 | 455 | < 1 |
| 934813 | 205  | 273 | 0.4   | 1.41 | < 2 | 40  | < 0.5 | 8   | 3.57 | < 0.5 | 43  | 72  | 783  | 4.16 | < 10 | < 1 | 0.07   | < 10 | 0.75 | 410 | < 1 |
| 934814 | 205  | 273 | 0.6   | 0.98 | 2   | 70  | < 0.5 | < 2 | 3.60 | 0.5   | 37  | 61  | 980  | 3.74 | < 10 | < 1 | 0.11   | < 10 | 0.79 | 415 | 2   |
| 934815 | 205  | 273 | 0.4   | 0.67 | < 2 | 130 | < 0.5 | 2   | 3.02 | 1.0   | 56  | 66  | 897  | 4.04 | < 10 | < 1 | 0.03   | < 10 | 0.81 | 350 | 2   |
| 934816 | 205  | 273 | 0.4   | 2.40 | 4   | 70  | < 0.5 | 2   | 3.43 | < 0.5 | 42  | 33  | 867  | 3.59 | < 10 | < 1 | 0.08   | < 10 | 1.03 | 495 | < 1 |
| 934817 | 205  | 273 | 0.2   | 0.89 | < 2 | 30  | < 0.5 | 2   | 2.69 | 0.5   | 55  | 52  | 671  | 3.17 | < 10 | < 1 | 0.02   | < 10 | 0.96 | 300 | < 1 |
| 934818 | 205  | 273 | < 0.2 | 0.99 | 4   | 100 | < 0.5 | < 2 | 4.10 | < 0.5 | 46  | 33  | 452  | 3.96 | < 10 | < 1 | 0.06   | < 10 | 1.54 | 550 | < 1 |
| 934819 | 205  | 273 | 0.4   | 2.91 | 6   | 110 | < 0.5 | 2   | 4.92 | < 0.5 | 61  | 35  | 775  | 5.67 | < 10 | < 1 | 0.02   | < 10 | 0.83 | 695 | < 1 |
| 934820 | 205  | 273 | 0.4   | 3.50 | 12  | 40  | < 0.5 | < 2 | 4.35 | < 0.5 | 66  | 28  | 680  | 5.35 | < 10 | 2   | 0.01   | < 10 | 0.97 | 715 | < 1 |
| 934821 | 205  | 273 | 0.2   | 4.03 | 14  | 10  | < 0.5 | < 2 | 5.27 | < 0.5 | 53  | 25  | 554  | 4.09 | < 10 | 1   | 0.01   | < 10 | 0.72 | 510 | < 1 |
| 934822 | 205  | 273 | 0.2   | 4.26 | 18  | 30  | < 0.5 | < 2 | 6.03 | < 0.5 | 39  | 27  | 344  | 4.18 | < 10 | 2   | < 0.01 | < 10 | 1.00 | 660 | < 1 |
| 934823 | 205  | 273 | 0.6   | 3.54 | 14  | 30  | < 0.5 | 6   | 4.96 | < 0.5 | 83  | 45  | 1195 | 4.41 | < 10 | < 1 | 0.02   | < 10 | 0.81 | 405 | < 1 |
| 934824 | 205  | 273 | 0.4   | 2.70 | 14  | 20  | < 0.5 | 4   | 3.46 | < 0.5 | 87  | 34  | 666  | 3.68 | < 10 | 1   | 0.02   | < 10 | 0.77 | 240 | < 1 |
| 934825 | 205  | 273 | 0.6   | 3.98 | 6   | 20  | < 0.5 | < 2 | 4.78 | < 0.5 | 70  | 31  | 737  | 3.47 | < 10 | < 1 | 0.03   | < 10 | 0.96 | 320 | < 1 |
| 934826 | 205  | 273 | < 0.2 | 4.18 | 12  | 10  | < 0.5 | 2   | 4.90 | < 0.5 | 27  | 34  | 201  | 1.99 | < 10 | 1   | 0.01   | < 10 | 1.06 | 295 | < 1 |
| 934827 | 205  | 273 | 0.8   | 3.11 | 16  | 10  | < 0.5 | < 2 | 3.80 | < 0.5 | 69  | 29  | 960  | 3.04 | < 10 | 1   | < 0.01 | < 10 | 1.02 | 270 | < 1 |
| 934828 | 205  | 273 | 0.8   | 3.63 | 6   | 30  | < 0.5 | < 2 | 5.31 | < 0.5 | 70  | 40  | 1050 | 3.59 | < 10 | < 1 | < 0.01 | < 10 | 0.82 | 310 | < 1 |
| 934829 | 205  | 273 | 0.2   | 4.42 | 16  | 10  | < 0.5 | < 2 | 5.03 | < 0.5 | 40  | 32  | 378  | 1.90 | < 10 | 2   | < 0.01 | < 10 | 1.28 | 235 | 6   |
| 934830 | 205  | 273 | 0.8   | 3.59 | 6   | 30  | < 0.5 | < 2 | 4.31 | 1.0   | 56  | 34  | 819  | 2.53 | < 10 | < 1 | 0.02   | < 10 | 1.10 | 220 | 9   |
| 934831 | 205  | 273 | 0.2   | 3.89 | 8   | 20  | < 0.5 | < 2 | 4.50 | 0.5   | 19  | 35  | 281  | 1.20 | < 10 | < 1 | 0.01   | < 10 | 1.24 | 200 | 4   |
| 934832 | 205  | 273 | 0.2   | 3.55 | 14  | 10  | < 0.5 | 2   | 4.09 | < 0.5 | 6   | 36  | 115  | 0.89 | < 10 | 3   | 0.02   | < 10 | 1.20 | 195 | < 1 |
| 934833 | 205  | 273 | < 0.2 | 3.97 | 16  | 20  | < 0.5 | 2   | 4.78 | < 0.5 | 7   | 32  | 96   | 1.25 | < 10 | 1   | 0.01   | < 10 | 1.42 | 295 | < 1 |
| 934834 | 205  | 273 | < 0.2 | 4.39 | 2   | 10  | < 0.5 | 4   | 5.45 | < 0.5 | 7   | 33  | 8    | 1.66 | < 10 | 2   | 0.01   | < 10 | 1.32 | 370 | < 1 |
| 934835 | 205  | 273 | 2.0   | 3.85 | 4   | 30  | < 0.5 | < 2 | 5.60 | < 0.5 | 127 | 35  | 2250 | 5.57 | < 10 | < 1 | 0.03   | < 10 | 0.85 | 495 | 2   |
| 934836 | 205  | 273 | 1.6   | 2.80 | 6   | 30  | < 0.5 | 6   | 3.66 | < 0.5 | 267 | 34  | 1800 | 9.51 | < 10 | < 1 | 0.02   | < 10 | 0.45 | 425 | < 1 |
| 934837 | 205  | 273 | 1.2   | 3.53 | 12  | 120 | < 0.5 | < 2 | 4.76 | < 0.5 | 140 | 38  | 1510 | 6.95 | < 10 | < 1 | 0.02   | < 10 | 0.82 | 585 | < 1 |
| 934838 | 205  | 273 | 0.8   | 4.51 | 6   | 40  | < 0.5 | 2   | 5.51 | < 0.5 | 91  | 31  | 1165 | 3.74 | < 10 | < 1 | < 0.01 | < 10 | 1.24 | 365 | < 1 |
| 934839 | 205  | 273 | 0.6   | 1.16 | < 2 | 100 | < 0.5 | 2   | 3.96 | 1.0   | 40  | 90  | 979  | 5.20 | < 10 | < 1 | 0.04   | < 10 | 0.93 | 330 | < 1 |
| 934840 | 205  | 273 | 9.0   | 3.96 | 26  | 70  | < 0.5 | < 2 | 4.02 | 3.0   | 342 | 26  | 275  | 6.35 | < 10 | < 1 | 0.02   | < 10 | 2.02 | 375 | < 1 |

CERTIFICATION:

*John A. Buchler*



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Analytical Chemists \* Geochemists \* Registered Assayers  
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PHONE: 604-984-0221

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project: CANALASK  
Comments:

Page: 1-B  
Total Pages: 2  
Certificate Date: 27-OCT-94  
Invoice No.: I9429093  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9429093

| 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 |
|--------|-----------|------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| 934801 | 205 273   | 0.09 | 25     | 630   | 6      | 2      | 8      | 16     | 0.26 | < 10   | < 10  | 73    | < 10  | 236    |
| 934802 | 205 273   | 0.04 | 24     | 610   | 8      | 4      | 8      | 77     | 0.15 | < 10   | < 10  | 64    | 10    | 108    |
| 934803 | 205 273   | 0.08 | 62     | 260   | 2      | < 2    | 9      | 40     | 0.22 | < 10   | < 10  | 94    | < 10  | 180    |
| 934804 | 205 273   | 0.12 | 34     | 300   | 6      | 2      | 10     | 33     | 0.25 | < 10   | < 10  | 111   | < 10  | 136    |
| 934805 | 205 273   | 0.10 | 31     | 380   | 6      | < 2    | 7      | 16     | 0.24 | < 10   | < 10  | 73    | < 10  | 106    |
| 934806 | 205 273   | 0.10 | 110    | 420   | 12     | 2      | 7      | 18     | 0.27 | < 10   | < 10  | 67    | < 10  | 38     |
| 934807 | 205 273   | 0.09 | 119    | 310   | 6      | 2      | 6      | 32     | 0.22 | < 10   | < 10  | 66    | < 10  | 106    |
| 934808 | 205 273   | 0.14 | 32     | 540   | 20     | 2      | 8      | 10     | 0.26 | < 10   | < 10  | 84    | < 10  | 54     |
| 934809 | 205 273   | 0.10 | 51     | 370   | 4      | 2      | 6      | 12     | 0.28 | < 10   | < 10  | 61    | < 10  | 60     |
| 934810 | 205 273   | 0.10 | 32     | 530   | 8      | 2      | 8      | 22     | 0.25 | < 10   | < 10  | 72    | < 10  | 82     |
| 934811 | 205 273   | 0.09 | 48     | 210   | < 2    | 2      | 10     | 32     | 0.25 | < 10   | < 10  | 93    | < 10  | 112    |
| 934812 | 205 273   | 0.09 | 34     | 440   | 4      | 2      | 9      | 43     | 0.25 | < 10   | < 10  | 91    | < 10  | 54     |
| 934813 | 205 273   | 0.09 | 43     | 430   | 2      | 4      | 10     | 35     | 0.29 | < 10   | < 10  | 93    | < 10  | 54     |
| 934814 | 205 273   | 0.09 | 26     | 390   | 8      | 2      | 10     | 41     | 0.21 | < 10   | < 10  | 90    | < 10  | 98     |
| 934815 | 205 273   | 0.06 | 33     | 320   | 2      | 2      | 10     | 49     | 0.13 | < 10   | < 10  | 79    | < 10  | 200    |
| 934816 | 205 273   | 0.06 | 81     | 280   | 2      | < 2    | 7      | 41     | 0.21 | < 10   | < 10  | 56    | < 10  | 32     |
| 934817 | 205 273   | 0.10 | 18     | 330   | 4      | 2      | 10     | 30     | 0.16 | < 10   | < 10  | 71    | < 10  | 88     |
| 934818 | 205 273   | 0.07 | 49     | 220   | 4      | 4      | 9      | 79     | 0.07 | < 10   | < 10  | 56    | 10    | 46     |
| 934819 | 205 273   | 0.04 | 27     | 410   | 6      | 4      | 8      | 48     | 0.15 | < 10   | < 10  | 60    | 10    | 28     |
| 934820 | 205 273   | 0.06 | 23     | 880   | 4      | < 2    | 5      | 32     | 0.15 | < 10   | < 10  | 58    | 10    | 54     |
| 934821 | 205 273   | 0.04 | 10     | 500   | 4      | < 2    | 4      | 22     | 0.19 | < 10   | < 10  | 52    | 10    | 20     |
| 934822 | 205 273   | 0.04 | 7      | 530   | 6      | < 2    | 6      | 36     | 0.18 | < 10   | < 10  | 57    | 10    | 16     |
| 934823 | 205 273   | 0.07 | 20     | 570   | 6      | 2      | 9      | 29     | 0.28 | < 10   | < 10  | 91    | 10    | 36     |
| 934824 | 205 273   | 0.08 | 17     | 310   | < 2    | < 2    | 7      | 20     | 0.27 | < 10   | < 10  | 75    | < 10  | 94     |
| 934825 | 205 273   | 0.07 | 12     | 510   | 2      | < 2    | 7      | 16     | 0.23 | < 10   | < 10  | 71    | 10    | 18     |
| 934826 | 205 273   | 0.07 | 8      | 650   | 4      | < 2    | 7      | 14     | 0.21 | < 10   | < 10  | 74    | < 10  | 72     |
| 934827 | 205 273   | 0.04 | 15     | 560   | 2      | 2      | 5      | 19     | 0.17 | < 10   | < 10  | 62    | < 10  | 152    |
| 934828 | 205 273   | 0.06 | 24     | 460   | < 2    | < 2    | 8      | 29     | 0.24 | < 10   | < 10  | 79    | 10    | 36     |
| 934829 | 205 273   | 0.07 | 16     | 610   | 4      | < 2    | 8      | 13     | 0.20 | < 10   | < 10  | 71    | < 10  | 62     |
| 934830 | 205 273   | 0.06 | 19     | 480   | 4      | < 2    | 7      | 15     | 0.16 | < 10   | < 10  | 62    | < 10  | 258    |
| 934831 | 205 273   | 0.07 | 14     | 490   | 6      | < 2    | 8      | 12     | 0.16 | < 10   | < 10  | 61    | < 10  | 176    |
| 934832 | 205 273   | 0.07 | 5      | 460   | 4      | < 2    | 6      | 12     | 0.15 | < 10   | < 10  | 59    | < 10  | 102    |
| 934833 | 205 273   | 0.07 | 6      | 420   | 4      | < 2    | 8      | 16     | 0.16 | < 10   | < 10  | 67    | < 10  | 96     |
| 934834 | 205 273   | 0.07 | 2      | 380   | 2      | < 2    | 7      | 18     | 0.18 | < 10   | < 10  | 61    | < 10  | 12     |
| 934835 | 205 273   | 0.04 | 52     | 30    | 4      | 2      | 7      | 26     | 0.19 | < 10   | < 10  | 57    | 10    | 24     |
| 934836 | 205 273   | 0.05 | 43     | 40    | 8      | 4      | 3      | 25     | 0.18 | < 10   | < 10  | 43    | 10    | 20     |
| 934837 | 205 273   | 0.10 | 21     | 20    | 8      | 4      | 6      | 54     | 0.18 | < 10   | < 10  | 54    | 10    | 24     |
| 934838 | 205 273   | 0.05 | 15     | 10    | 4      | 2      | 4      | 35     | 0.13 | < 10   | < 10  | 49    | 10    | 12     |
| 934839 | 205 273   | 0.09 | 80     | 160   | 4      | < 2    | 12     | 30     | 0.21 | < 10   | < 10  | 124   | 20    | 230    |
| 934840 | 205 273   | 0.03 | >10000 | 40    | 16     | < 2    | 2      | 24     | 0.10 | < 10   | < 10  | 61    | < 10  | 160    |

CERTIFICATION:

*Hart Bickler*



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BOX 4127  
WHITEHORSE, YT  
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Project: CANALASK  
Comments: C94-060

Page: 2-A  
Total Pages: 2  
Certificate Date: 27-OCT-94  
Invoice No.: 19429093  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9429093

| 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 |
|--------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|
| 934841 | 205 273   | 3.4    | 3.58 | < 2    | 30     | < 0.5  | 2      | 4.16 | < 0.5  | 83     | 22     | 60     | 2.31   | < 10   | < 1    | 0.01   | < 10   | 1.33 | 250    | < 1    |
| 934842 | 205 273   | 4.2    | 4.90 | 6      | 80     | < 0.5  | < 2    | 4.89 | 0.5    | 201    | 50     | 351    | 4.56   | < 10   | < 1    | 0.03   | < 10   | 2.79 | 400    | < 1    |
| 934843 | 205 273   | 2.8    | 5.67 | 4      | 60     | < 0.5  | 4      | 4.63 | 3.5    | 250    | 112    | 182    | 4.91   | < 10   | < 1    | 0.04   | < 10   | 3.12 | 400    | < 1    |
| 934844 | 205 273   | 2.8    | 5.40 | < 2    | 140    | < 0.5  | 8      | 5.74 | 2.0    | 124    | 103    | 3640   | 4.40   | < 10   | < 1    | 0.07   | < 10   | 2.75 | 445    | < 1    |
| 934845 | 205 273   | 2.4    | 3.86 | < 2    | 20     | < 0.5  | 8      | 4.28 | 0.5    | 112    | 72     | 2300   | 4.88   | < 10   | < 1    | 0.01   | < 10   | 1.47 | 375    | < 1    |
| 934846 | 205 273   | 1.4    | 3.18 | < 2    | 30     | < 0.5  | < 2    | 2.97 | < 0.5  | 214    | 33     | 314    | 4.76   | < 10   | < 1    | 0.03   | < 10   | 1.32 | 345    | < 1    |
| 934847 | 205 273   | 0.4    | 3.82 | 14     | 50     | < 0.5  | < 2    | 4.14 | < 0.5  | 67     | 58     | 65     | 2.55   | < 10   | < 1    | 0.10   | < 10   | 1.42 | 375    | < 1    |
| 934848 | 205 273   | < 0.2  | 3.34 | < 2    | 20     | < 0.5  | 8      | 5.49 | 0.5    | 16     | 49     | 14     | 1.85   | < 10   | < 1    | 0.05   | < 10   | 1.10 | 430    | < 1    |
| 934849 | 205 273   | < 0.2  | 2.62 | 12     | 40     | < 0.5  | < 2    | 4.62 | < 0.5  | 14     | 29     | 9      | 2.18   | < 10   | < 1    | 0.08   | < 10   | 1.32 | 570    | < 1    |
| 934850 | 205 273   | 0.2    | 1.65 | 28     | 30     | < 0.5  | 2      | 8.44 | < 0.5  | 19     | 66     | 132    | 2.84   | < 10   | < 1    | 0.05   | < 10   | 1.11 | 930    | < 1    |
| 934851 | 205 273   | 0.2    | 1.94 | < 2    | 70     | < 0.5  | < 2    | 7.43 | < 0.5  | 12     | 93     | 382    | 1.88   | < 10   | < 1    | 0.23   | < 10   | 0.99 | 565    | < 1    |
| 934852 | 205 273   | < 0.2  | 2.72 | < 2    | 50     | < 0.5  | < 2    | 4.97 | < 0.5  | 7      | 46     | 14     | 0.66   | < 10   | < 1    | 0.13   | < 10   | 0.98 | 245    | < 1    |
| 934853 | 205 273   | 1.2    | 4.89 | < 2    | 60     | < 0.5  | < 2    | 6.00 | < 0.5  | 120    | 210    | 1510   | 3.67   | < 10   | < 1    | 0.14   | < 10   | 2.42 | 465    | < 1    |
| 934854 | 205 273   | < 0.2  | 4.89 | < 2    | 10     | < 0.5  | 2      | 5.47 | < 0.5  | 15     | 128    | 317    | 2.17   | < 10   | < 1    | < 0.01 | < 10   | 2.84 | 560    | < 1    |
| 934855 | 205 273   | < 0.2  | 4.88 | < 2    | 30     | < 0.5  | 2      | 5.44 | < 0.5  | 18     | 126    | 296    | 1.70   | < 10   | < 1    | 0.02   | < 10   | 1.79 | 380    | < 1    |
| 934856 | 205 273   | 0.6    | 1.38 | < 2    | 10     | < 0.5  | 8      | 1.71 | < 0.5  | 255    | 24     | 1565   | 9.61   | < 10   | < 1    | 0.01   | < 10   | 0.50 | 190    | < 1    |
| 934857 | 205 273   | 0.4    | 2.65 | < 2    | 10     | < 0.5  | 2      | 3.32 | < 0.5  | 100    | 20     | 1130   | 4.45   | < 10   | < 1    | 0.01   | < 10   | 0.69 | 265    | < 1    |
| 934858 | 205 273   | 0.6    | 3.18 | 2      | 10     | < 0.5  | 2      | 3.66 | < 0.5  | 142    | 26     | 1730   | 5.41   | < 10   | < 1    | 0.01   | < 10   | 1.25 | 280    | < 1    |
| 934859 | 205 273   | 1.4    | 2.96 | < 2    | 10     | < 0.5  | 8      | 3.20 | 0.5    | 294    | 29     | 2810   | 8.78   | < 10   | < 1    | 0.04   | < 10   | 1.18 | 285    | < 1    |
| 934860 | 205 273   | 0.6    | 1.19 | 54     | 20     | < 0.5  | 6      | 3.24 | < 0.5  | 83     | 99     | 1065   | 4.74   | < 10   | < 1    | 0.06   | < 10   | 0.70 | 415    | 1      |
| 934861 | 205 273   | 0.4    | 1.51 | 20     | 40     | < 0.5  | < 2    | 3.71 | < 0.5  | 69     | 43     | 908    | 4.10   | < 10   | < 1    | 0.09   | < 10   | 1.40 | 390    | 1      |
| 934862 | 205 273   | 0.2    | 1.19 | < 2    | 20     | < 0.5  | < 2    | 3.05 | 1.0    | 46     | 65     | 917    | 3.16   | < 10   | < 1    | 0.04   | < 10   | 1.49 | 325    | 4      |
| 934863 | 205 273   | 0.2    | 1.31 | 6      | < 10   | < 0.5  | < 2    | 2.87 | < 0.5  | 72     | 44     | 1010   | 4.58   | < 10   | < 1    | < 0.01 | < 10   | 1.77 | 505    | 5      |
| 934864 | 205 273   | 0.4    | 0.69 | < 2    | 30     | < 0.5  | 2      | 4.19 | < 0.5  | 97     | 43     | 1290   | 4.52   | < 10   | < 1    | < 0.01 | < 10   | 1.10 | 380    | 1      |
| 934865 | 205 273   | 0.6    | 4.65 | 34     | 10     | < 0.5  | 2      | 6.19 | < 0.5  | 72     | 23     | 1015   | 3.16   | < 10   | < 1    | 0.03   | < 10   | 1.82 | 375    | < 1    |
| 934866 | 205 273   | 0.4    | 2.61 | 8      | 10     | < 0.5  | 4      | 3.79 | < 0.5  | 91     | 21     | 1260   | 4.32   | < 10   | < 1    | 0.02   | < 10   | 1.04 | 335    | < 1    |
| 934867 | 205 273   | 0.4    | 2.73 | 32     | 20     | < 0.5  | 2      | 3.46 | < 0.5  | 116    | 16     | 1400   | 4.44   | < 10   | < 1    | 0.07   | < 10   | 0.95 | 295    | < 1    |
| 934868 | 205 273   | 0.6    | 3.76 | 82     | < 10   | < 0.5  | 8      | 4.38 | < 0.5  | 119    | 16     | 1915   | 4.10   | < 10   | < 1    | 0.01   | < 10   | 1.01 | 240    | < 1    |
| 934869 | 205 273   | 0.6    | 0.70 | 2      | < 10   | < 0.5  | 16     | 0.55 | < 0.5  | 882    | 12     | 4570   | >15.00 | < 10   | < 1    | 0.13   | < 10   | 0.50 | 130    | < 1    |
| 934870 | 205 273   | 1.0    | 0.85 | < 2    | 20     | < 0.5  | 4      | 1.77 | < 0.5  | 225    | 20     | 3260   | 6.60   | < 10   | < 1    | 0.01   | < 10   | 0.64 | 325    | < 1    |
| 934871 | 205 273   | 0.4    | 1.48 | < 2    | 20     | < 0.5  | < 2    | 2.03 | < 0.5  | 83     | 15     | 1330   | 4.46   | < 10   | < 1    | 0.05   | < 10   | 0.55 | 270    | < 1    |
| 934872 | 205 273   | 0.4    | 2.65 | < 2    | < 10   | < 0.5  | < 2    | 3.53 | < 0.5  | 130    | 16     | 1730   | 4.66   | < 10   | < 1    | 0.01   | < 10   | 0.92 | 205    | < 1    |
| 934873 | 205 273   | 0.2    | 2.72 | 36     | < 10   | < 0.5  | 6      | 3.52 | < 0.5  | 178    | 15     | 1420   | 6.61   | < 10   | < 1    | < 0.01 | < 10   | 0.77 | 225    | < 1    |
| 934874 | 205 273   | 0.4    | 3.53 | 104    | 10     | < 0.5  | < 2    | 3.96 | < 0.5  | 105    | 19     | 1700   | 3.29   | < 10   | < 1    | 0.01   | < 10   | 0.77 | 225    | < 1    |
| 934875 | 205 273   | < 0.2  | 2.84 | 2      | 100    | < 0.5  | 2      | 1.97 | < 0.5  | 23     | 71     | 168    | 2.67   | < 10   | 1      | 0.29   | < 10   | 1.49 | 295    | < 1    |
| 934876 | 205 273   | 3.4    | 3.25 | 42     | 30     | < 0.5  | 6      | 3.55 | 0.5    | 57     | 31     | 8270   | 2.76   | < 10   | < 1    | 0.07   | < 10   | 0.92 | 195    | < 1    |
| 934877 | 205 273   | 3.8    | 5.18 | 42     | 10     | < 0.5  | 6      | 5.85 | 1.0    | 55     | 22     | 9030   | 2.09   | < 10   | < 1    | 0.02   | < 10   | 1.06 | 185    | < 1    |
| 934878 | 205 273   | 5.2    | 4.68 | 4      | < 10   | < 0.5  | 12     | 5.36 | 1.5    | 118    | 31     | >10000 | 3.04   | < 10   | < 1    | < 0.01 | < 10   | 1.07 | 245    | < 1    |
| 934879 | 205 273   | 1.6    | 4.68 | < 2    | 80     | < 0.5  | 4      | 4.88 | 1.0    | 29     | 54     | 3850   | 2.72   | < 10   | 1      | 0.20   | < 10   | 1.47 | 350    | < 1    |
| 934880 | 205 273   | < 0.2  | 5.50 | 2      | 10     | < 0.5  | 4      | 6.57 | < 0.5  | 7      | 31     | 233    | 2.24   | < 10   | < 1    | 0.02   | < 10   | 1.68 | 310    | < 1    |

CERTIFICATION:

*Hart Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
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To: ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project : CANALASK  
Comments:

Page : 2-B  
Total Pages : 2  
Certificate Date: 27-OCT-94  
Invoice No. : 19429093  
P.O. Number :  
Account : F

## CERTIFICATE OF ANALYSIS

A9429093

| 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 |
|--------|-----------|------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| 934841 | 205 273   | 0.04 | 4820   | 30    | 2      | 2      | 2      | 21     | 0.10 | < 10   | < 10  | 41    | < 10  | 32     |
| 934842 | 205 273   | 0.06 | >10000 | 60    | 6      | < 2    | 4      | 31     | 0.13 | < 10   | < 10  | 76    | < 10  | 172    |
| 934843 | 205 273   | 0.03 | >10000 | 60    | 4      | < 2    | 11     | 17     | 0.16 | < 10   | < 10  | 101   | < 10  | 652    |
| 934844 | 205 273   | 0.06 | 4230   | 30    | 2      | < 2    | 10     | 42     | 0.14 | < 10   | < 10  | 99    | < 10  | 286    |
| 934845 | 205 273   | 0.03 | 3270   | 30    | 2      | 4      | 5      | 18     | 0.14 | < 10   | < 10  | 66    | < 10  | 100    |
| 934846 | 205 273   | 0.03 | 9150   | 40    | 2      | < 2    | 2      | 12     | 0.09 | < 10   | < 10  | 46    | < 10  | 102    |
| 934847 | 205 273   | 0.03 | 2560   | 100   | < 2    | < 2    | 2      | 21     | 0.09 | < 10   | < 10  | 48    | < 10  | 90     |
| 934848 | 205 273   | 0.02 | 299    | 30    | 2      | < 2    | 2      | 38     | 0.10 | < 10   | < 10  | 39    | < 10  | 12     |
| 934849 | 205 273   | 0.04 | 189    | 100   | < 2    | < 2    | 2      | 41     | 0.12 | < 10   | < 10  | 45    | < 10  | 14     |
| 934850 | 205 273   | 0.03 | 141    | 80    | < 2    | 2      | 5      | 75     | 0.07 | < 10   | < 10  | 57    | 10    | 22     |
| 934851 | 205 273   | 0.04 | 94     | 490   | < 2    | < 2    | 11     | 55     | 0.20 | < 10   | < 10  | 84    | < 10  | 14     |
| 934852 | 205 273   | 0.03 | 91     | 1100  | < 2    | < 2    | 4      | 36     | 0.09 | < 10   | < 10  | 44    | < 10  | 6      |
| 934853 | 205 273   | 0.05 | 2530   | 70    | < 2    | < 2    | 13     | 36     | 0.21 | < 10   | < 10  | 96    | 10    | 58     |
| 934854 | 205 273   | 0.04 | 95     | 120   | 2      | < 2    | 9      | 34     | 0.18 | < 10   | < 10  | 107   | 10    | 26     |
| 934855 | 205 273   | 0.05 | 48     | 290   | < 2    | < 2    | 8      | 27     | 0.17 | < 10   | < 10  | 81    | < 10  | 24     |
| 934856 | 205 273   | 0.04 | 528    | 150   | < 2    | 8      | 1      | 15     | 0.08 | < 10   | < 10  | 26    | < 10  | 40     |
| 934857 | 205 273   | 0.06 | 56     | 130   | 2      | 6      | 1      | 25     | 0.08 | < 10   | < 10  | 27    | < 10  | 60     |
| 934858 | 205 273   | 0.05 | 62     | 70    | < 2    | 2      | 2      | 27     | 0.06 | < 10   | < 10  | 41    | < 10  | 114    |
| 934859 | 205 273   | 0.05 | 88     | 30    | 4      | 4      | 3      | 22     | 0.07 | < 10   | < 10  | 41    | < 10  | 240    |
| 934860 | 205 273   | 0.08 | 34     | 420   | < 2    | 2      | 10     | 30     | 0.16 | < 10   | < 10  | 89    | < 10  | 106    |
| 934861 | 205 273   | 0.07 | 43     | 560   | < 2    | 2      | 9      | 42     | 0.09 | < 10   | < 10  | 81    | < 10  | 94     |
| 934862 | 205 273   | 0.08 | 23     | 470   | 4      | 2      | 10     | 32     | 0.13 | < 10   | < 10  | 109   | < 10  | 154    |
| 934863 | 205 273   | 0.10 | 22     | 910   | < 2    | 2      | 6      | 31     | 0.15 | < 10   | < 10  | 76    | < 10  | 84     |
| 934864 | 205 273   | 0.12 | 32     | 240   | < 2    | 2      | 7      | 44     | 0.15 | < 10   | < 10  | 69    | < 10  | 98     |
| 934865 | 205 273   | 0.09 | 11     | 130   | < 2    | < 2    | 9      | 46     | 0.17 | < 10   | < 10  | 70    | < 10  | 70     |
| 934866 | 205 273   | 0.06 | 13     | 430   | 4      | 2      | 2      | 26     | 0.09 | < 10   | < 10  | 30    | < 10  | 130    |
| 934867 | 205 273   | 0.06 | 40     | 130   | < 2    | 2      | 2      | 19     | 0.09 | < 10   | < 10  | 32    | < 10  | 64     |
| 934868 | 205 273   | 0.04 | 76     | 70    | 2      | 2      | 3      | 15     | 0.13 | < 10   | < 10  | 42    | < 10  | 42     |
| 934869 | 205 273   | 0.02 | 1140   | 20    | 4      | 24     | 2      | 15     | 0.08 | < 10   | < 10  | 43    | < 10  | 86     |
| 934870 | 205 273   | 0.07 | 123    | 170   | < 2    | 6      | 2      | 25     | 0.09 | < 10   | < 10  | 30    | < 10  | 76     |
| 934871 | 205 273   | 0.04 | 36     | 220   | < 2    | 4      | 1      | 14     | 0.08 | < 10   | < 10  | 25    | < 10  | 100    |
| 934872 | 205 273   | 0.02 | 26     | 280   | < 2    | 2      | 1      | 16     | 0.05 | < 10   | < 10  | 23    | < 10  | 38     |
| 934873 | 205 273   | 0.02 | 61     | 350   | < 2    | 4      | 1      | 15     | 0.04 | < 10   | < 10  | 24    | < 10  | 50     |
| 934874 | 205 273   | 0.03 | 53     | 130   | < 2    | 2      | 1      | 13     | 0.06 | < 10   | < 10  | 20    | < 10  | 34     |
| 934875 | 205 273   | 0.05 | 73     | 310   | < 2    | 4      | 2      | 23     | 0.08 | < 10   | < 10  | 66    | < 10  | 38     |
| 934876 | 205 273   | 0.02 | 31     | 150   | < 2    | 4      | 1      | 14     | 0.06 | < 10   | < 10  | 25    | < 10  | 146    |
| 934877 | 205 273   | 0.03 | 21     | 190   | < 2    | < 2    | 2      | 13     | 0.06 | < 10   | < 10  | 23    | < 10  | 176    |
| 934878 | 205 273   | 0.02 | 67     | 1010  | 2      | < 2    | 3      | 12     | 0.07 | < 10   | < 10  | 32    | < 10  | 194    |
| 934879 | 205 273   | 0.04 | 29     | 720   | 4      | 2      | 8      | 19     | 0.16 | < 10   | < 10  | 129   | < 10  | 170    |
| 934880 | 205 273   | 0.02 | 6      | 460   | 2      | 2      | 10     | 20     | 0.16 | < 10   | < 10  | 183   | < 10  | 14     |

CERTIFICATION:

*Hart Buchler*



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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

A9429299

Comments:

## CERTIFICATE

A9429299

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 28-OCT-94.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                     |
|-------------|----------------|---------------------------------|
| 205         | 22             | Geochem ring to approx 150 mesh |
| 273         | 22             | 26-35 lb crush and split        |
| 229         | 22             | ICP - AQ Digestion charge       |

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                      | METHOD  | DETECTION LIMIT | UPPER LIMIT |
|-------------|----------------|----------------------------------|---------|-----------------|-------------|
| 2118        | 22             | Ag ppm: 32 element, soil & rock  | ICP-AES | 0.2             | 200         |
| 2119        | 22             | Al %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2120        | 22             | As ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2121        | 22             | Ba ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2122        | 22             | Be ppm: 32 element, soil & rock  | ICP-AES | 0.5             | 100.0       |
| 2123        | 22             | Bi ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2124        | 22             | Ca %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2125        | 22             | Cd ppm: 32 element, soil & rock  | ICP-AES | 0.5             | 100.0       |
| 2126        | 22             | Co ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2127        | 22             | Cr ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2128        | 22             | Cu ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2150        | 22             | Fe %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2130        | 22             | Ga ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2131        | 22             | Hg ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2132        | 22             | K %: 32 element, soil & rock     | ICP-AES | 0.01            | 10.00       |
| 2151        | 22             | La ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2134        | 22             | Mg %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2135        | 22             | Mn ppm: 32 element, soil & rock  | ICP-AES | 5               | 10000       |
| 2136        | 22             | Mo ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2137        | 22             | Na %: 32 element, soil & rock    | ICP-AES | 0.01            | 5.00        |
| 2138        | 22             | Ni ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2139        | 22             | P ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2140        | 22             | Pb ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2141        | 22             | Sb ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2142        | 22             | Sc ppm: 32 elements, soil & rock | ICP-AES | 1               | 10000       |
| 2143        | 22             | Sr ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2144        | 22             | Ti %: 32 element, soil & rock    | ICP-AES | 0.01            | 5.00        |
| 2145        | 22             | Tl ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2146        | 22             | U ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2147        | 22             | V ppm: 32 element, soil & rock   | ICP-AES | 1               | 10000       |
| 2148        | 22             | W ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2149        | 22             | Zn ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |



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Project: CANALASK  
Comments: C94-061

Page: 1-A  
Total Pages: 1  
Certificate Date: 28-OCT-94  
Invoice No.: 19429299  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9429299

| 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 |
|--------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|
| 934881 | 205 273   | 0.2    | 2.42 | 6      | 30     | < 0.5  | < 2    | 3.86 | 1.0    | 48     | 26     | 603    | 2.63 | < 10   | < 1    | 0.03   | < 10   | 1.11 | 300    | 3      |
| 934882 | 205 273   | 0.6    | 4.16 | < 2    | 10     | < 0.5  | 4      | 5.91 | < 0.5  | 121    | 26     | 1010   | 5.33 | < 10   | < 1    | < 0.01 | < 10   | 0.63 | 420    | < 1    |
| 934883 | 205 273   | 0.2    | 3.12 | 4      | 10     | < 0.5  | 4      | 3.79 | < 0.5  | 68     | 22     | 720    | 2.90 | < 10   | < 1    | 0.01   | < 10   | 0.92 | 265    | < 1    |
| 934884 | 205 273   | 0.6    | 2.60 | 2      | 20     | < 0.5  | 4      | 3.35 | < 0.5  | 135    | 28     | 1215   | 5.72 | < 10   | < 1    | 0.03   | < 10   | 0.73 | 320    | 1      |
| 934885 | 205 273   | 0.4    | 2.70 | < 2    | 40     | < 0.5  | < 2    | 3.79 | 2.0    | 75     | 24     | 1185   | 3.81 | < 10   | < 1    | 0.02   | < 10   | 0.99 | 325    | 2      |
| 934886 | 205 273   | 0.4    | 2.48 | 2      | 40     | < 0.5  | 2      | 3.71 | 0.5    | 76     | 24     | 843    | 3.63 | < 10   | < 1    | 0.03   | < 10   | 0.97 | 280    | 2      |
| 934887 | 205 273   | 0.8    | 3.13 | 10     | 130    | < 0.5  | 4      | 4.82 | < 0.5  | 59     | 27     | 1175   | 3.44 | < 10   | < 1    | 0.03   | < 10   | 1.31 | 345    | < 1    |
| 934888 | 205 273   | 0.2    | 2.53 | < 2    | 70     | < 0.5  | < 2    | 2.78 | < 0.5  | 52     | 22     | 318    | 2.78 | < 10   | < 1    | 0.06   | < 10   | 1.13 | 255    | < 1    |
| 934889 | 205 273   | 0.4    | 2.83 | 8      | 20     | < 0.5  | 2      | 8.13 | 0.5    | 43     | 35     | 648    | 3.19 | < 10   | < 1    | 0.03   | < 10   | 1.28 | 520    | 4      |
| 934890 | 205 273   | 1.2    | 4.17 | < 2    | 20     | < 0.5  | 4      | 5.54 | 1.5    | 69     | 30     | 1025   | 4.05 | < 10   | < 1    | 0.02   | < 10   | 1.02 | 420    | < 1    |
| 934891 | 205 273   | 1.2    | 3.09 | 10     | 70     | < 0.5  | 4      | 3.70 | < 0.5  | 167    | 34     | 1645   | 8.33 | < 10   | < 1    | 0.04   | < 10   | 0.44 | 500    | < 1    |
| 934892 | 205 273   | 1.2    | 3.77 | < 2    | 40     | < 0.5  | 6      | 4.29 | 0.5    | 145    | 32     | 1745   | 7.58 | < 10   | < 1    | 0.04   | < 10   | 0.65 | 445    | < 1    |
| 934893 | 205 273   | 1.6    | 2.79 | < 2    | 30     | < 0.5  | 6      | 4.17 | 1.0    | 84     | 35     | 2320   | 6.06 | < 10   | < 1    | 0.06   | < 10   | 0.86 | 520    | < 1    |
| 934894 | 205 273   | 1.6    | 4.12 | 12     | 10     | < 0.5  | 4      | 5.30 | < 0.5  | 60     | 26     | 2140   | 3.33 | < 10   | < 1    | 0.03   | < 10   | 1.19 | 335    | < 1    |
| 934895 | 205 273   | 1.4    | 4.89 | 14     | 20     | < 0.5  | < 2    | 4.96 | 1.5    | 150    | 41     | 119    | 3.98 | < 10   | < 1    | 0.04   | < 10   | 2.80 | 425    | < 1    |
| 934896 | 205 273   | 4.8    | 3.70 | 4      | 50     | < 0.5  | < 2    | 3.03 | 3.5    | 527    | 35     | 490    | 9.42 | < 10   | < 1    | 0.12   | < 10   | 2.42 | 295    | < 1    |
| 934897 | 205 273   | 3.2    | 5.29 | 8      | 40     | < 0.5  | < 2    | 4.49 | 2.0    | 277    | 108    | 229    | 5.68 | < 10   | < 1    | 0.07   | < 10   | 2.78 | 330    | < 1    |
| 934898 | 205 273   | 1.8    | 5.34 | < 2    | 20     | < 0.5  | < 2    | 4.60 | 3.0    | 201    | 105    | 274    | 4.79 | < 10   | < 1    | 0.02   | < 10   | 3.03 | 395    | < 1    |
| 934899 | 205 273   | 1.2    | 5.20 | 4      | < 10   | < 0.5  | < 2    | 4.91 | 2.0    | 161    | 86     | 163    | 3.94 | < 10   | < 1    | 0.01   | < 10   | 2.67 | 385    | < 1    |
| 934900 | 205 273   | 0.2    | 5.26 | 4      | 30     | < 0.5  | < 2    | 5.99 | 0.5    | 31     | 80     | 86     | 1.60 | < 10   | < 1    | 0.06   | < 10   | 2.04 | 310    | < 1    |
| 934901 | 205 273   | 0.2    | 3.76 | 6      | 20     | < 0.5  | < 2    | 4.76 | < 0.5  | 51     | 51     | 65     | 2.01 | < 10   | < 1    | 0.01   | < 10   | 2.03 | 315    | < 1    |
| 934902 | 205 273   | 0.4    | 2.32 | 70     | 120    | < 0.5  | < 2    | 4.97 | < 0.5  | 45     | 52     | 460    | 2.80 | < 10   | < 1    | 0.08   | < 10   | 1.33 | 525    | < 1    |

CERTIFICATION:

*Hart Buchler*



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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project: CANALASK  
Comments:

Page: 1-B  
Total Pages: 1  
Certificate Date: 28-OCT-94  
Invoice No.: 19429299  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9429299

| SAMPLE | PREP<br>CODE | Na<br>% | Ni<br>ppm | P<br>ppm | Pb<br>ppm | Sb<br>ppm | Sc<br>ppm | Sr<br>ppm | Ti<br>% | Tl<br>ppm | U<br>ppm | V<br>ppm | W<br>ppm | Zn<br>ppm |
|--------|--------------|---------|-----------|----------|-----------|-----------|-----------|-----------|---------|-----------|----------|----------|----------|-----------|
| 934881 | 205 273      | 0.08    | 14        | 500      | 2         | < 2       | 6         | 25        | 0.27    | < 10      | < 10     | 83       | < 10     | 280       |
| 934882 | 205 273      | 0.02    | 65        | 1300     | 6         | 4         | 4         | 19        | 0.17    | < 10      | < 10     | 63       | < 10     | 14        |
| 934883 | 205 273      | 0.06    | 18        | 530      | 2         | < 2       | 5         | 12        | 0.21    | < 10      | < 10     | 72       | < 10     | 20        |
| 934884 | 205 273      | 0.06    | 42        | 610      | 6         | < 2       | 4         | 15        | 0.20    | < 10      | < 10     | 69       | < 10     | 42        |
| 934885 | 205 273      | 0.06    | 17        | 520      | < 2       | 2         | 8         | 24        | 0.20    | < 10      | < 10     | 82       | < 10     | 460       |
| 934886 | 205 273      | 0.06    | 17        | 550      | 2         | 2         | 6         | 26        | 0.20    | < 10      | < 10     | 72       | < 10     | 150       |
| 934887 | 205 273      | 0.07    | 16        | 570      | 4         | < 2       | 11        | 48        | 0.18    | < 10      | < 10     | 88       | < 10     | 136       |
| 934888 | 205 273      | 0.07    | 19        | 470      | < 2       | 2         | 6         | 18        | 0.19    | < 10      | < 10     | 66       | < 10     | 26        |
| 934889 | 205 273      | 0.03    | 15        | 1080     | 2         | < 2       | 13        | 62        | 0.19    | < 10      | < 10     | 108      | < 10     | 178       |
| 934890 | 205 273      | 0.04    | 16        | 170      | 4         | < 2       | 8         | 27        | 0.18    | < 10      | < 10     | 60       | < 10     | 364       |
| 934891 | 205 273      | 0.04    | 31        | < 10     | 2         | 2         | 3         | 20        | 0.17    | < 10      | < 10     | 48       | < 10     | 20        |
| 934892 | 205 273      | 0.04    | 21        | < 10     | 2         | 4         | 3         | 23        | 0.15    | < 10      | < 10     | 49       | < 10     | 20        |
| 934893 | 205 273      | 0.06    | 69        | 30       | < 2       | < 2       | 4         | 31        | 0.18    | < 10      | < 10     | 61       | < 10     | 62        |
| 934894 | 205 273      | 0.03    | 1695      | < 10     | 4         | < 2       | 3         | 29        | 0.12    | < 10      | < 10     | 43       | < 10     | 22        |
| 934895 | 205 273      | 0.02    | 8310      | 20       | 4         | < 2       | 3         | 25        | 0.11    | < 10      | < 10     | 65       | < 10     | 282       |
| 934896 | 205 273      | 0.02    | >10000    | < 10     | 10        | < 2       | 3         | 19        | 0.10    | < 10      | < 10     | 57       | < 10     | 292       |
| 934897 | 205 273      | 0.02    | >10000    | 30       | 14        | < 2       | 9         | 16        | 0.17    | < 10      | < 10     | 98       | < 10     | 364       |
| 934898 | 205 273      | 0.03    | >10000    | 10       | 4         | < 2       | 9         | 16        | 0.20    | < 10      | < 10     | 117      | < 10     | 444       |
| 934899 | 205 273      | 0.03    | 8430      | 130      | 4         | < 2       | 8         | 17        | 0.19    | < 10      | < 10     | 110      | < 10     | 370       |
| 934900 | 205 273      | 0.02    | 1240      | 30       | 2         | < 2       | 8         | 20        | 0.17    | < 10      | < 10     | 96       | < 10     | 140       |
| 934901 | 205 273      | 0.02    | 2430      | 1080     | < 2       | 2         | 4         | 24        | 0.10    | < 10      | < 10     | 65       | < 10     | 64        |
| 934902 | 205 273      | 0.08    | 1270      | 350      | < 2       | 10        | 8         | 53        | 0.11    | < 10      | < 10     | 68       | < 10     | 60        |

CERTIFICATION:

*Hart Bickler*



# Chemex Labs Ltd.

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PHONE: 604-984-0221

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

A9429844

Comments:

## CERTIFICATE

A9429844

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 7-NOV-94.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                     |
|-------------|----------------|---------------------------------|
| 205         | 59             | Geochem ring to approx 150 mesh |
| 273         | 59             | 26-35 lb crush and split        |
| 229         | 59             | ICP - AQ Digestion charge       |

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                                 | METHOD        | DETECTION LIMIT | UPPER LIMIT |
|-------------|----------------|---------------------------------------------|---------------|-----------------|-------------|
| 6           | 59             | Ag ppm: HNO <sub>3</sub> -aqua regia digest | AAS-BKGD CORR | 0.2             | 100.0       |
| 2119        | 59             | Al %: 32 element, soil & rock               | ICP-AES       | 0.01            | 15.00       |
| 2120        | 59             | As ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |
| 2121        | 59             | Ba ppm: 32 element, soil & rock             | ICP-AES       | 10              | 10000       |
| 2122        | 59             | Be ppm: 32 element, soil & rock             | ICP-AES       | 0.5             | 100.0       |
| 2123        | 59             | Bi ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |
| 2124        | 59             | Ca %: 32 element, soil & rock               | ICP-AES       | 0.01            | 15.00       |
| 2125        | 59             | Cd ppm: 32 element, soil & rock             | ICP-AES       | 0.5             | 100.0       |
| 2126        | 59             | Co ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2127        | 59             | Cr ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2128        | 59             | Cu ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2150        | 59             | Fe %: 32 element, soil & rock               | ICP-AES       | 0.01            | 15.00       |
| 2130        | 59             | Ga ppm: 32 element, soil & rock             | ICP-AES       | 10              | 10000       |
| 2131        | 59             | Hg ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2132        | 59             | K %: 32 element, soil & rock                | ICP-AES       | 0.01            | 10.00       |
| 2151        | 59             | La ppm: 32 element, soil & rock             | ICP-AES       | 10              | 10000       |
| 2134        | 59             | Mg %: 32 element, soil & rock               | ICP-AES       | 0.01            | 15.00       |
| 2135        | 59             | Mn ppm: 32 element, soil & rock             | ICP-AES       | 5               | 10000       |
| 2136        | 59             | Mo ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2137        | 59             | Na %: 32 element, soil & rock               | ICP-AES       | 0.01            | 5.00        |
| 2138        | 59             | Ni ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2139        | 54             | P ppm: 32 element, soil & rock              | ICP-AES       | 10              | 10000       |
| 2140        | 59             | Pb ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |
| 2141        | 59             | Sb ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |
| 2142        | 59             | Sc ppm: 32 elements, soil & rock            | ICP-AES       | 1               | 10000       |
| 2143        | 59             | Sr ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2144        | 59             | Ti %: 32 element, soil & rock               | ICP-AES       | 0.01            | 5.00        |
| 2145        | 59             | Tl ppm: 32 element, soil & rock             | ICP-AES       | 10              | 10000       |
| 2146        | 59             | U ppm: 32 element, soil & rock              | ICP-AES       | 10              | 10000       |
| 2147        | 59             | V ppm: 32 element, soil & rock              | ICP-AES       | 1               | 10000       |
| 2148        | 59             | W ppm: 32 element, soil & rock              | ICP-AES       | 10              | 10000       |
| 2149        | 59             | Zn ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |



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Project: CANALASK  
Comments: C94-062

Page: 1-A  
Total Pages: 2  
Certificate Date: 07-NOV-94  
Invoice No.: 19429844  
P.O. Number:  
Account: F

\*\*PLEASE NOTE

## CERTIFICATE OF ANALYSIS

A9429844

| SAMPLE | PREP CODE | Ag ppm<br>Aqua R | 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 |
|--------|-----------|------------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|--------|
| 934903 | 205 273   | 0.5              | 1.02 | 22     | 80     | < 0.5  | < 2    | 8.11   | < 0.5  | 45     | 73     | 38     | 2.21 | < 10   | < 1    | 0.11 | < 10   | 1.18 | 1260   | 2      |
| 934904 | 205 273   | 0.2              | 0.53 | 10     | 80     | < 0.5  | < 2    | 2.64   | < 0.5  | 10     | 101    | 34     | 0.94 | < 10   | < 1    | 0.07 | < 10   | 0.52 | 380    | 2      |
| 934905 | 205 273   | 4.0              | 0.46 | 164    | 330    | < 0.5  | < 2    | 3.90   | 22.5   | 52     | 153    | 131    | 1.47 | < 10   | < 1    | 0.13 | < 10   | 0.80 | 565    | 8      |
| 934906 | 205 273   | 0.7              | 1.16 | 62     | 200    | < 0.5  | < 2    | 11.45  | 2.0    | 27     | 68     | 25     | 2.41 | < 10   | < 1    | 0.24 | < 10   | 2.09 | 1060   | 1      |
| 934907 | 205 273   | 1.3              | 2.64 | 62     | 100    | < 0.5  | < 2    | 9.00   | 0.5    | 91     | 56     | 53     | 3.37 | < 10   | < 1    | 0.18 | < 10   | 2.84 | 1155   | < 1    |
| 934908 | 205 273   | 1.1              | 2.45 | 42     | 40     | < 0.5  | < 2    | 14.95  | < 0.5  | 77     | 48     | 44     | 3.46 | < 10   | < 1    | 0.09 | < 10   | 2.68 | 1375   | < 1    |
| 934909 | 205 273   | 0.3              | 1.34 | 68     | 210    | < 0.5  | < 2    | 7.91   | < 0.5  | 21     | 82     | 65     | 1.64 | < 10   | < 1    | 0.34 | < 10   | 0.93 | 705    | < 1    |
| 934910 | 205 273   | 0.2              | 2.02 | 4      | 240    | < 0.5  | < 2    | 4.74   | < 0.5  | 9      | 72     | 22     | 2.36 | < 10   | < 1    | 0.35 | < 10   | 1.59 | 660    | < 1    |
| 934911 | 205 273   | 0.7              | 2.74 | 90     | 250    | < 0.5  | < 2    | 8.11   | < 0.5  | 51     | 48     | 31     | 3.82 | < 10   | < 1    | 0.07 | < 10   | 2.21 | 970    | 1      |
| 934912 | 205 273   | 2.3              | 5.10 | < 2    | 80     | < 0.5  | < 2    | 5.87   | < 0.5  | 130    | 49     | 153    | 3.25 | < 10   | < 1    | 0.03 | < 10   | 1.88 | 390    | < 1    |
| 934913 | 205 273   | 4.5              | 4.33 | 4      | 30     | < 0.5  | < 2    | 2.56   | 0.5    | 273    | 44     | 60     | 6.66 | < 10   | < 1    | 0.03 | < 10   | 3.09 | 600    | < 1    |
| 934914 | 205 273   | 1.3              | 4.85 | < 2    | 30     | < 0.5  | < 2    | 5.26   | < 0.5  | 131    | 58     | 158    | 3.57 | < 10   | < 1    | 0.02 | < 10   | 2.17 | 400    | < 1    |
| 934915 | 205 273   | 1.7              | 4.67 | < 2    | 30     | < 0.5  | < 2    | 5.45   | < 0.5  | 152    | 43     | 104    | 4.07 | < 10   | < 1    | 0.02 | < 10   | 2.56 | 485    | < 1    |
| 934916 | 205 273   | 1.3              | 4.89 | 16     | 120    | < 0.5  | < 2    | 6.70   | < 0.5  | 118    | 45     | 182    | 3.94 | < 10   | < 1    | 0.05 | < 10   | 3.31 | 605    | < 1    |
| 934917 | 205 273   | 0.8              | 1.00 | 18     | 240    | < 0.5  | < 2    | 4.71   | < 0.5  | 21     | 60     | 211    | 3.44 | < 10   | < 1    | 0.22 | < 10   | 0.74 | 585    | 1      |
| 934918 | 205 273   | 0.3              | 1.09 | < 2    | 60     | < 0.5  | < 2    | 2.60   | 0.5    | 14     | 70     | 298    | 4.62 | < 10   | < 1    | 0.34 | 10     | 0.98 | 455    | 1      |
| 934919 | 205 273   | 0.3              | 0.87 | < 2    | 50     | < 0.5  | < 2    | 2.26   | 0.5    | 12     | 100    | 339    | 4.18 | < 10   | < 1    | 0.03 | 10     | 1.11 | 385    | 1      |
| 934920 | 205 273   | 0.4              | 1.06 | 2      | 90     | < 0.5  | < 2    | 3.16   | 0.5    | 25     | 66     | 428    | 4.07 | < 10   | < 1    | 0.09 | < 10   | 1.00 | 430    | 1      |
| 934921 | 205 273   | 0.5              | 1.24 | < 2    | 120    | < 0.5  | < 2    | 3.05   | 0.5    | 29     | 71     | 571    | 3.73 | < 10   | < 1    | 0.17 | < 10   | 0.99 | 455    | < 1    |
| 934922 | 205 273   | 1.1              | 1.07 | 2      | 60     | < 0.5  | 8      | 2.26   | 0.5    | 45     | 79     | 1230   | 4.57 | < 10   | < 1    | 0.06 | < 10   | 0.96 | 415    | 3      |
| 934923 | 205 273   | 0.9              | 1.08 | 4      | 50     | 1.5    | 2      | 2.04   | 0.5    | 42     | 83     | 998    | 4.76 | < 10   | < 1    | 0.04 | < 10   | 0.97 | 395    | 2      |
| 934924 | 205 273   | 1.3              | 1.05 | 44     | 320    | 0.5    | 4      | 4.27   | 3.5    | 25     | 35     | 501    | 2.72 | < 10   | < 1    | 0.18 | < 10   | 0.59 | 820    | 1      |
| 934925 | 205 273   | 0.6              | 2.20 | 4      | 600    | 3.0    | 4      | 11.00  | 0.5    | 19     | 30     | 203    | 4.95 | < 10   | < 1    | 0.21 | < 10   | 1.10 | 1640   | 2      |
| 934926 | 205 273   | 0.5              | 0.96 | 6      | 140    | 0.5    | 6      | 7.89   | < 0.5  | 9      | 49     | 279    | 2.08 | < 10   | < 1    | 0.14 | < 10   | 0.46 | 1105   | 6      |
| 934927 | 205 273   | 0.7              | 1.34 | 8      | 230    | 0.5    | 6      | 4.44   | < 0.5  | 13     | 28     | 487    | 2.26 | < 10   | < 1    | 0.46 | < 10   | 0.37 | 560    | 2      |
| 934928 | 205 273   | 0.5              | 1.16 | 2      | 120    | 1.0    | 4      | 4.15   | < 0.5  | 18     | 23     | 594    | 3.06 | < 10   | < 1    | 0.26 | < 10   | 0.54 | 430    | 5      |
| 934929 | 205 273   | 0.2              | 1.31 | 8      | 80     | < 0.5  | 6      | >15.00 | 0.5    | 16     | 45     | 374    | 1.24 | < 10   | < 1    | 0.04 | < 10   | 0.07 | 530    | 12     |
| 934930 | 205 273   | < 0.2            | 1.12 | 2      | 290    | 0.5    | 4      | >15.00 | < 0.5  | 10     | 34     | 160    | 1.43 | < 10   | < 1    | 0.03 | < 10   | 0.60 | 1055   | 10     |
| 934931 | 205 273   | 0.5              | 1.12 | 8      | 180    | 0.5    | 2      | 11.20  | 0.5    | 14     | 52     | 287    | 1.96 | < 10   | < 1    | 0.03 | < 10   | 0.98 | 1005   | 4      |
| 934932 | 205 273   | 1.0              | 1.23 | 14     | 320    | 1.0    | 2      | 7.09   | 1.5    | 18     | 50     | 482    | 2.84 | < 10   | < 1    | 0.12 | < 10   | 1.02 | 775    | 4      |
| 934933 | 205 273   | 0.6              | 1.47 | 4      | 80     | < 0.5  | 4      | 12.70  | 0.5    | 10     | 48     | 262    | 2.96 | < 10   | < 1    | 0.15 | < 10   | 0.91 | 1055   | 6      |
| 934934 | 205 273   | 0.3              | 1.23 | 8      | 80     | < 0.5  | 6      | >15.00 | < 0.5  | 7      | 20     | 184    | 0.94 | < 10   | < 1    | 0.05 | < 10   | 0.14 | 650    | 4      |
| 934935 | 205 273   | < 0.2            | 1.68 | 6      | 20     | 0.5    | < 2    | >15.00 | < 0.5  | 10     | 22     | 208    | 1.99 | < 10   | < 1    | 0.03 | < 10   | 0.03 | 860    | < 1    |
| 934936 | 205 273   | 0.2              | 1.47 | 4      | 170    | 0.5    | 4      | 12.35  | < 0.5  | 7      | 29     | 219    | 1.67 | < 10   | < 1    | 0.05 | < 10   | 0.23 | 490    | 1      |
| 934937 | 205 273   | 1.0              | 1.27 | 122    | 180    | 1.0    | 4      | 5.65   | < 0.5  | 10     | 55     | 514    | 3.35 | < 10   | < 1    | 0.17 | < 10   | 0.70 | 545    | 2      |
| 934938 | 205 273   | 1.3              | 1.40 | 10     | 190    | 0.5    | 4      | 6.57   | 0.5    | 11     | 46     | 645    | 3.67 | < 10   | < 1    | 0.21 | < 10   | 0.84 | 730    | 2      |
| 934939 | 205 273   | 0.4              | 1.56 | 8      | 80     | 0.5    | 4      | 11.60  | < 0.5  | 8      | 42     | 494    | 1.52 | < 10   | < 1    | 0.06 | < 10   | 0.14 | 420    | 3      |
| 934940 | 205 273   | 1.3              | 1.08 | 24     | 80     | 1.0    | 6      | 7.69   | 1.0    | 19     | 67     | 614    | 3.64 | < 10   | < 1    | 0.08 | < 10   | 0.60 | 790    | 1      |
| 934941 | 205 273   | 0.6              | 1.02 | < 2    | 20     | 0.5    | 4      | 2.17   | < 0.5  | 28     | 83     | 997    | 3.97 | < 10   | < 1    | 0.09 | < 10   | 0.81 | 250    | 3      |
| 934942 | 205 273   | 0.6              | 1.83 | < 2    | 80     | 1.0    | 4      | 5.59   | 1.0    | 47     | 44     | 980    | 4.59 | < 10   | < 1    | 0.25 | < 10   | 0.96 | 645    | 6      |

CERTIFICATION:

*Hart Buchler*

\*\*SOME P VALUES MAY BE UNAVAILABLE DUE TO HIGH NI CONTENT.



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Project : CANALASK  
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Page : 1-B  
Total Pages : 2  
Certificate Date: 07-NOV-94  
Invoice No. : 19429844  
P.O. Number :  
Account : F

\*\*PLEASE NOTE

## CERTIFICATE OF ANALYSIS

A9429844

| 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 |
|--------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 934903 | 205 273   | 0.04   | 1015   | 230   | 2      | < 2    | 4      | 120    | < 0.01 | < 10   | < 10  | 37    | < 10  | 34     |
| 934904 | 205 273   | 0.04   | 86     | 260   | 8      | < 2    | 1      | 42     | < 0.01 | < 10   | < 10  | 11    | < 10  | 12     |
| 934905 | 205 273   | 0.01   | 904    | 650   | 6310   | < 2    | 1      | 63     | < 0.01 | < 10   | < 10  | 14    | < 10  | 4870   |
| 934906 | 205 273   | 0.01   | 657    | 310   | 788    | 2      | 4      | 245    | < 0.01 | < 10   | < 10  | 37    | < 10  | 508    |
| 934907 | 205 273   | 0.02   | 2840   | 120   | 20     | 4      | 4      | 201    | 0.02   | < 10   | < 10  | 55    | < 10  | 154    |
| 934908 | 205 273   | < 0.01 | 2560   | 90    | 16     | < 2    | 4      | 324    | 0.01   | < 10   | < 10  | 67    | < 10  | 88     |
| 934909 | 205 273   | 0.03   | 468    | 330   | 18     | 2      | 3      | 173    | < 0.01 | < 10   | < 10  | 24    | < 10  | 34     |
| 934910 | 205 273   | 0.05   | 111    | 370   | 4      | 2      | 3      | 116    | < 0.01 | < 10   | < 10  | 28    | < 10  | 44     |
| 934911 | 205 273   | 0.04   | 1195   | < 10  | 8      | 4      | 4      | 112    | 0.11   | < 10   | < 10  | 65    | < 10  | 26     |
| 934912 | 205 273   | 0.04   | 4870   | ----- | 6      | 2      | 3      | 29     | 0.10   | < 10   | < 10  | 51    | < 10  | 130    |
| 934913 | 205 273   | 0.03   | >10000 | ----- | 8      | 8      | 3      | 19     | 0.12   | < 10   | < 10  | 68    | < 10  | 474    |
| 934914 | 205 273   | 0.06   | 4970   | ----- | 12     | 2      | 5      | 36     | 0.11   | < 10   | < 10  | 59    | < 10  | 42     |
| 934915 | 205 273   | 0.04   | 5790   | ----- | 2      | 8      | 6      | 47     | 0.14   | < 10   | < 10  | 75    | < 10  | 46     |
| 934916 | 205 273   | 0.08   | 4610   | ----- | 8      | 6      | 9      | 90     | 0.14   | < 10   | < 10  | 84    | < 10  | 48     |
| 934917 | 205 273   | 0.09   | 169    | 590   | 8      | < 2    | 10     | 78     | < 0.01 | < 10   | < 10  | 59    | < 10  | 80     |
| 934918 | 205 273   | 0.07   | 40     | 750   | 8      | 2      | 10     | 49     | < 0.01 | < 10   | < 10  | 62    | < 10  | 88     |
| 934919 | 205 273   | 0.19   | 36     | 420   | 2      | 2      | 13     | 34     | 0.08   | < 10   | < 10  | 108   | < 10  | 48     |
| 934920 | 205 273   | 0.08   | 48     | 560   | 4      | 2      | 10     | 51     | 0.13   | < 10   | < 10  | 102   | < 10  | 80     |
| 934921 | 205 273   | 0.13   | 41     | 320   | 8      | < 2    | 11     | 43     | 0.21   | < 10   | < 10  | 97    | < 10  | 68     |
| 934922 | 205 273   | 0.11   | 39     | 630   | 10     | 2      | 11     | 28     | 0.15   | < 10   | < 10  | 108   | < 10  | 78     |
| 934923 | 205 273   | 0.16   | 41     | 490   | 6      | 2      | 10     | 31     | 0.22   | < 10   | < 10  | 119   | < 10  | 72     |
| 934924 | 205 273   | 0.04   | 8      | 760   | 46     | < 2    | 6      | 118    | < 0.01 | < 10   | < 10  | 26    | < 10  | 272    |
| 934925 | 205 273   | 0.02   | 12     | 330   | 12     | < 2    | 8      | 163    | < 0.01 | < 10   | < 10  | 43    | < 10  | 96     |
| 934926 | 205 273   | 0.02   | 12     | 680   | 14     | < 2    | 4      | 86     | < 0.01 | < 10   | < 10  | 29    | < 10  | 52     |
| 934927 | 205 273   | 0.08   | 4      | 1510  | 24     | 2      | 5      | 56     | 0.06   | < 10   | < 10  | 30    | < 10  | 52     |
| 934928 | 205 273   | 0.09   | 2      | 1430  | 6      | < 2    | 8      | 35     | 0.15   | < 10   | < 10  | 52    | < 10  | 34     |
| 934929 | 205 273   | 0.03   | 11     | 500   | 14     | < 2    | 2      | 68     | 0.11   | < 10   | < 10  | 16    | < 10  | 66     |
| 934930 | 205 273   | 0.03   | 11     | 500   | 6      | < 2    | 3      | 83     | 0.09   | < 10   | < 10  | 26    | < 10  | 24     |
| 934931 | 205 273   | 0.05   | 15     | 430   | 6      | < 2    | 6      | 95     | 0.06   | < 10   | < 10  | 49    | < 10  | 66     |
| 934932 | 205 273   | 0.06   | 14     | 260   | 20     | < 2    | 10     | 70     | 0.08   | < 10   | < 10  | 72    | < 10  | 240    |
| 934933 | 205 273   | 0.03   | 9      | 380   | 4      | 2      | 8      | 125    | 0.04   | < 10   | < 10  | 46    | < 10  | 152    |
| 934934 | 205 273   | 0.01   | 8      | 290   | 10     | < 2    | 2      | 82     | 0.08   | < 10   | < 10  | 15    | < 10  | 28     |
| 934935 | 205 273   | < 0.01 | 9      | 380   | 2      | < 2    | 2      | 43     | 0.06   | < 10   | < 10  | 18    | < 10  | 10     |
| 934936 | 205 273   | 0.03   | 17     | 420   | 8      | < 2    | 2      | 74     | 0.14   | < 10   | < 10  | 24    | < 10  | 38     |
| 934937 | 205 273   | 0.06   | 15     | 390   | 14     | 2      | 9      | 60     | 0.07   | < 10   | < 10  | 47    | < 10  | 76     |
| 934938 | 205 273   | 0.06   | 11     | 370   | 6      | < 2    | 11     | 57     | 0.02   | < 10   | < 10  | 68    | < 10  | 84     |
| 934939 | 205 273   | 0.04   | 14     | 540   | 6      | < 2    | 2      | 67     | 0.11   | < 10   | < 10  | 19    | < 10  | 32     |
| 934940 | 205 273   | 0.07   | 15     | 520   | 22     | < 2    | 11     | 43     | 0.09   | < 10   | < 10  | 88    | < 10  | 116    |
| 934941 | 205 273   | 0.09   | 16     | 390   | < 2    | < 2    | 11     | 18     | 0.22   | < 10   | < 10  | 105   | < 10  | 12     |
| 934942 | 205 273   | 0.08   | 15     | 550   | 30     | < 2    | 11     | 36     | 0.26   | < 10   | < 10  | 107   | < 10  | 64     |

CERTIFICATION: *Hart Buchler*

\*\*SOME P VALUES MAY BE UNAVAILABLE DUE TO HIGH NI CONTENT.



# Chemex Labs Ltd.

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PHONE: 604-984-0221

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project: CANALASK  
Comments: C94-062

Page: 2-A  
Total Pages: 2  
Certificate Date: 07-NOV-94  
Invoice No.: 19429844  
P.O. Number:  
Account: F

\*\*PLEASE NOTE

## CERTIFICATE OF ANALYSIS

A9429844

| SAMPLE | PREP CODE | Ag ppm<br>Aqua R | 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 |
|--------|-----------|------------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|--------|--------|--------|--------|
| 934943 | 205 273   | 2.8              | 4.34 | 56     | 100    | 2.5    | < 2    | 6.53   | 0.5    | 151    | 37     | 3480   | 8.27 | < 10   | < 1    | 0.17 | < 10   | 1.92   | 1280   | < 1    |
| 934944 | 205 273   | 0.6              | 1.63 | 42     | 140    | 1.0    | 2      | 3.13   | 1.5    | 11     | 64     | 197    | 3.13 | < 10   | < 1    | 0.24 | < 10   | 1.07   | 655    | 1      |
| 934945 | 205 273   | 0.8              | 1.90 | 60     | 70     | 1.5    | 2      | 1.43   | 1.0    | 13     | 71     | 197    | 4.34 | < 10   | < 1    | 0.28 | < 10   | 1.21   | 485    | 1      |
| 934946 | 205 273   | 0.2              | 0.59 | < 2    | 50     | < 0.5  | < 2    | >15.00 | < 0.5  | 4      | 10     | 77     | 0.53 | < 10   | < 1    | 0.02 | < 10   | 0.07   | 930    | 3      |
| 934947 | 205 273   | 0.2              | 1.52 | 2      | 20     | < 0.5  | < 2    | >15.00 | < 0.5  | 8      | 12     | 156    | 0.66 | < 10   | < 1    | 0.02 | < 10   | 0.02   | 745    | < 1    |
| 934948 | 205 273   | < 0.2            | 2.30 | 4      | 90     | 0.5    | 2      | >15.00 | < 0.5  | 10     | 20     | 188    | 0.80 | < 10   | < 1    | 0.04 | < 10   | 0.02   | 540    | < 1    |
| 934949 | 205 273   | 0.5              | 1.11 | < 2    | 50     | 0.5    | 2      | 5.77   | 0.5    | 12     | 74     | 388    | 3.37 | < 10   | < 1    | 0.07 | < 10   | 0.64   | 725    | 1      |
| 934950 | 205 273   | 0.3              | 1.52 | 4      | 230    | 0.5    | 6      | >15.00 | 1.5    | 11     | 47     | 359    | 1.96 | < 10   | < 1    | 0.05 | < 10   | 0.44   | 1505   | < 1    |
| 934951 | 205 273   | 1.4              | 2.69 | 28     | 110    | 2.0    | 4      | >15.00 | < 0.5  | 43     | 51     | 1310   | 5.40 | < 10   | < 1    | 0.21 | < 10   | 1.21   | 1590   | < 1    |
| 934952 | 205 273   | 0.7              | 1.31 | 40     | 290    | 2.0    | 2      | 3.48   | < 0.5  | 17     | 83     | 382    | 3.51 | < 10   | < 1    | 0.10 | < 10   | 0.80   | 635    | 2      |
| 934953 | 205 273   | 0.3              | 1.68 | 32     | 70     | 1.5    | < 2    | 2.20   | 0.5    | 12     | 75     | 279    | 3.61 | < 10   | < 1    | 0.15 | < 10   | 1.10   | 565    | 1      |
| 934954 | 205 273   | 0.6              | 1.84 | 34     | 90     | 2.0    | < 2    | 2.86   | < 0.5  | 21     | 76     | 444    | 4.43 | < 10   | < 1    | 0.23 | < 10   | 1.19   | 665    | 2      |
| 934955 | 205 273   | 0.2              | 1.67 | 18     | 200    | 1.0    | < 2    | 3.05   | 0.5    | 8      | 60     | 132    | 2.81 | < 10   | < 1    | 0.31 | < 10   | 1.09   | 850    | 1      |
| 934956 | 205 273   | 0.3              | 1.67 | < 2    | 510    | 2.0    | < 2    | 11.25  | 0.5    | 29     | 53     | 333    | 5.16 | < 10   | < 1    | 0.07 | < 10   | 2.26   | 2190   | < 1    |
| 934957 | 205 273   | < 0.2            | 2.00 | 4      | 150    | 1.5    | < 2    | 8.40   | < 0.5  | 22     | 80     | 136    | 4.20 | < 10   | < 1    | 0.15 | < 10   | 3.28   | 1380   | < 1    |
| 934958 | 205 273   | 0.7              | 1.44 | 2      | 20     | < 0.5  | 2      | 4.77   | 12.0   | 16     | 48     | 338    | 2.55 | < 10   | < 1    | 0.09 | < 10   | 0.92   | 1165   | 1      |
| 934959 | 205 273   | 0.2              | 2.26 | 8      | 70     | < 0.5  | < 2    | 6.00   | < 0.5  | 26     | 29     | 168    | 2.19 | < 10   | < 1    | 0.11 | < 10   | 1.16   | 900    | < 1    |
| 934960 | 205 273   | 1.1              | 2.81 | 20     | 60     | < 0.5  | < 2    | 4.30   | 63.0   | 60     | 65     | 926    | 4.84 | < 10   | < 1    | 0.18 | < 10   | 1.26   | 870    | 1      |
| 934961 | 205 273   | < 0.2            | 2.51 | 28     | 120    | < 0.5  | < 2    | 1.02   | < 0.5  | 80     | 850    | 185    | 5.82 | < 10   | < 1    | 0.28 | < 10   | >15.00 | 760    | 1      |

CERTIFICATION:

*Hart Bickler*

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BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project : CANALASK  
Comments:

Page : 2-B  
Total Pages : 2  
Certificate Date: 07-NOV-94  
Invoice No. : I9429844  
P.O. Number :  
Account : F

\*\*PLEASE NOTE

## CERTIFICATE OF ANALYSIS

A9429844

| SAMPLE | PREP<br>CODE | Na<br>% | Ni<br>ppm | P<br>ppm | Pb<br>ppm | Sb<br>ppm | Sc<br>ppm | Sr<br>ppm | Ti<br>% | Tl<br>ppm | U<br>ppm | V<br>ppm | W<br>ppm | Zn<br>ppm |
|--------|--------------|---------|-----------|----------|-----------|-----------|-----------|-----------|---------|-----------|----------|----------|----------|-----------|
| 934943 | 205 273      | 0.03    | 70        | < 10     | 8         | 2         | 11        | 55        | 0.13    | < 10      | < 10     | 74       | < 10     | 36        |
| 934944 | 205 273      | 0.06    | 22        | 440      | 56        | 2         | 9         | 29        | 0.10    | < 10      | < 10     | 64       | < 10     | 214       |
| 934945 | 205 273      | 0.06    | 28        | 560      | 32        | < 2       | 9         | 20        | 0.08    | < 10      | < 10     | 75       | < 10     | 136       |
| 934946 | 205 273      | 0.01    | 9         | 340      | 2         | < 2       | 1         | 42        | 0.05    | < 10      | < 10     | 7        | < 10     | 8         |
| 934947 | 205 273      | < 0.01  | 11        | 620      | 4         | < 2       | 1         | 57        | 0.04    | < 10      | < 10     | 11       | < 10     | 14        |
| 934948 | 205 273      | 0.01    | 10        | 770      | 14        | < 2       | 2         | 80        | 0.08    | < 10      | < 10     | 13       | < 10     | 38        |
| 934949 | 205 273      | 0.06    | 18        | 430      | 14        | < 2       | 6         | 46        | 0.21    | < 10      | < 10     | 63       | < 10     | 72        |
| 934950 | 205 273      | 0.01    | 15        | 330      | 26        | < 2       | 3         | 72        | 0.09    | < 10      | < 10     | 23       | < 10     | 224       |
| 934951 | 205 273      | 0.02    | 26        | 550      | 36        | 2         | 9         | 81        | 0.10    | < 10      | < 10     | 51       | < 10     | 60        |
| 934952 | 205 273      | 0.08    | 20        | 510      | 12        | < 2       | 11        | 30        | 0.10    | < 10      | < 10     | 80       | < 10     | 44        |
| 934953 | 205 273      | 0.08    | 27        | 530      | 16        | < 2       | 12        | 22        | 0.07    | < 10      | < 10     | 90       | < 10     | 104       |
| 934954 | 205 273      | 0.05    | 29        | 600      | 28        | 2         | 9         | 35        | 0.07    | < 10      | < 10     | 68       | < 10     | 82        |
| 934955 | 205 273      | 0.05    | 19        | 390      | 18        | < 2       | 6         | 30        | < 0.01  | < 10      | < 10     | 50       | < 10     | 114       |
| 934956 | 205 273      | 0.03    | 260       | 300      | 16        | 2         | 9         | 106       | 0.02    | < 10      | < 10     | 43       | < 10     | 194       |
| 934957 | 205 273      | 0.06    | 230       | 50       | 28        | < 2       | 11        | 124       | 0.04    | < 10      | < 10     | 39       | < 10     | 116       |
| 934958 | 205 273      | 0.08    | 73        | 260      | 160       | < 2       | 3         | 65        | 0.11    | < 10      | < 10     | 27       | < 10     | 2020      |
| 934959 | 205 273      | 0.05    | 207       | 90       | 8         | 2         | 2         | 60        | 0.11    | < 10      | < 10     | 21       | < 10     | 34        |
| 934960 | 205 273      | 0.03    | 274       | 160      | 1545      | < 2       | 3         | 45        | 0.14    | < 10      | < 10     | 43       | < 10     | 6050      |
| 934961 | 205 273      | 0.07    | 1305      | 200      | 14        | 6         | 6         | 44        | 0.09    | < 10      | < 10     | 46       | < 10     | 86        |

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BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

A9430502

Comments:

## CERTIFICATE

A9430502

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 17-NOV-94.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                     |
|-------------|----------------|---------------------------------|
| 205         | 78             | Geochem ring to approx 150 mesh |
| 273         | 78             | 26-35 lb crush and split        |
| 229         | 78             | ICP - AQ Digestion charge       |

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                      | METHOD  | DETECTION LIMIT | UPPER LIMIT |
|-------------|----------------|----------------------------------|---------|-----------------|-------------|
| 2118        | 78             | Ag ppm: 32 element, soil & rock  | ICP-AES | 0.2             | 200         |
| 2119        | 78             | Al %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2120        | 78             | As ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2121        | 78             | Ba ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2122        | 78             | Be ppm: 32 element, soil & rock  | ICP-AES | 0.5             | 100.0       |
| 2123        | 78             | Bi ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2124        | 78             | Ca %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2125        | 78             | Cd ppm: 32 element, soil & rock  | ICP-AES | 0.5             | 100.0       |
| 2126        | 78             | Co ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2127        | 78             | Cr ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2128        | 78             | Cu ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2150        | 78             | Fe %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2130        | 78             | Ga ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2131        | 78             | Hg ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2132        | 78             | K %: 32 element, soil & rock     | ICP-AES | 0.01            | 10.00       |
| 2151        | 78             | La ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2134        | 78             | Mg %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2135        | 78             | Mn ppm: 32 element, soil & rock  | ICP-AES | 5               | 10000       |
| 2136        | 78             | Mo ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2137        | 78             | Na %: 32 element, soil & rock    | ICP-AES | 0.01            | 5.00        |
| 2138        | 78             | Ni ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2139        | 78             | P ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2140        | 78             | Pb ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2141        | 78             | Sb ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2142        | 78             | Sc ppm: 32 elements, soil & rock | ICP-AES | 1               | 10000       |
| 2143        | 78             | Sr ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2144        | 78             | Ti %: 32 element, soil & rock    | ICP-AES | 0.01            | 5.00        |
| 2145        | 78             | Tl ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2146        | 78             | U ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2147        | 78             | V ppm: 32 element, soil & rock   | ICP-AES | 1               | 10000       |
| 2148        | 78             | W ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2149        | 78             | Zn ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |



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Project: CANALASK  
Comments: C94-063

Page Number: 1-A  
Total Pages: 2  
Certificate Date: 17-NOV-94  
Invoice No.: 19430502  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9430502

| SAMPLE | PREP<br>CODE | Ag<br>ppm | Al<br>% | As<br>ppm | Ba<br>ppm | Be<br>ppm | Bi<br>ppm | Ca<br>% | Cd<br>ppm | Co<br>ppm | Cr<br>ppm | Cu<br>ppm | Fe<br>% | Ga<br>ppm | Hg<br>ppm | K<br>% | La<br>ppm | Mg<br>% | Mn<br>ppm | Mo<br>ppm |
|--------|--------------|-----------|---------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|---------|-----------|-----------|--------|-----------|---------|-----------|-----------|
| 934962 | 205 273      | 0.6       | 0.91    | 6         | 10        | < 0.5     | 2         | 1.28    | < 0.5     | 49        | 34        | 1265      | 3.21    | < 10      | < 1       | 0.01   | < 10      | 0.79    | 315       | 1         |
| 934963 | 205 273      | 0.2       | 1.03    | < 2       | 10        | < 0.5     | 6         | 3.28    | 0.5       | 63        | 71        | 758       | 3.05    | < 10      | < 1       | < 0.01 | < 10      | 1.09    | 370       | 3         |
| 934964 | 205 273      | 1.0       | 1.24    | 66        | 10        | < 0.5     | 4         | 4.78    | 1.5       | 60        | 75        | 747       | 2.96    | < 10      | < 1       | 0.06   | < 10      | 1.28    | 645       | 5         |
| 934965 | 205 273      | 0.8       | 0.90    | 22        | 20        | < 0.5     | 4         | 3.06    | < 0.5     | 55        | 73        | 834       | 3.11    | < 10      | < 1       | 0.04   | < 10      | 0.93    | 420       | 3         |
| 934966 | 205 273      | 0.6       | 0.93    | 24        | 20        | < 0.5     | 2         | 2.23    | < 0.5     | 51        | 101       | 784       | 2.84    | < 10      | < 1       | 0.06   | < 10      | 1.00    | 255       | 2         |
| 934967 | 205 273      | 0.8       | 0.92    | 54        | 30        | < 0.5     | < 2       | 4.14    | < 0.5     | 111       | 93        | 1005      | 4.54    | < 10      | < 1       | 0.03   | < 10      | 0.94    | 525       | 7         |
| 934968 | 205 273      | 0.6       | 1.05    | 16        | 70        | < 0.5     | 6         | 1.26    | 2.5       | 46        | 105       | 765       | 2.83    | < 10      | < 1       | 0.11   | < 10      | 0.88    | 375       | 2         |
| 934969 | 205 273      | 0.8       | 1.12    | 22        | 40        | < 0.5     | 4         | 2.74    | < 0.5     | 98        | 47        | 976       | 5.21    | < 10      | 1         | 0.11   | < 10      | 1.02    | 430       | 4         |
| 934970 | 205 273      | 1.2       | 0.81    | 26        | 140       | < 0.5     | < 2       | 3.31    | 0.5       | 52        | 111       | 966       | 3.06    | < 10      | < 1       | 0.06   | < 10      | 0.74    | 430       | 2         |
| 934971 | 205 273      | 0.4       | 2.01    | 16        | 140       | < 0.5     | 2         | 4.35    | < 0.5     | 47        | 34        | 561       | 2.77    | < 10      | < 1       | 0.40   | < 10      | 0.86    | 495       | 4         |
| 934972 | 205 273      | 0.6       | 1.01    | 22        | 60        | < 0.5     | 8         | 2.36    | 1.0       | 45        | 121       | 738       | 3.33    | < 10      | < 1       | 0.06   | < 10      | 0.82    | 495       | 2         |
| 934973 | 205 273      | 0.6       | 1.37    | 16        | 30        | < 0.5     | 4         | 4.35    | 0.5       | 59        | 97        | 676       | 3.47    | < 10      | < 1       | 0.11   | < 10      | 1.05    | 555       | 7         |
| 934974 | 205 273      | 0.4       | 1.01    | 74        | 30        | < 0.5     | < 2       | 3.40    | 0.5       | 89        | 91        | 756       | 3.13    | < 10      | < 1       | 0.07   | < 10      | 0.71    | 425       | 6         |
| 934975 | 205 273      | 0.6       | 1.89    | 86        | 70        | < 0.5     | 6         | 2.62    | < 0.5     | 153       | 33        | 1140      | 7.04    | < 10      | < 1       | 0.15   | < 10      | 1.49    | 650       | < 1       |
| 934976 | 205 273      | 0.6       | 1.04    | 10        | 10        | < 0.5     | 2         | 3.46    | 1.0       | 71        | 137       | 781       | 3.47    | < 10      | < 1       | 0.05   | < 10      | 0.70    | 465       | 7         |
| 934977 | 205 273      | 0.8       | 1.43    | 16        | 50        | < 0.5     | 6         | 3.52    | 0.5       | 114       | 62        | 1190      | 5.19    | < 10      | < 1       | 0.10   | < 10      | 0.82    | 470       | 3         |
| 934978 | 205 273      | 0.2       | 0.79    | 4         | 20        | < 0.5     | < 2       | 2.33    | 0.5       | 76        | 103       | 826       | 3.58    | < 10      | < 1       | 0.04   | < 10      | 0.53    | 340       | 7         |
| 934979 | 205 273      | 0.6       | 1.15    | < 2       | 80        | < 0.5     | 6         | 3.40    | 1.0       | 111       | 85        | 1275      | 4.87    | < 10      | < 1       | 0.16   | < 10      | 0.89    | 455       | 5         |
| 934980 | 205 273      | 0.4       | 0.87    | 8         | 20        | < 0.5     | 4         | 3.79    | 0.5       | 70        | 94        | 841       | 4.00    | < 10      | < 1       | 0.06   | < 10      | 0.79    | 510       | 3         |
| 934981 | 205 273      | 0.6       | 0.79    | 14        | 30        | < 0.5     | 6         | 2.79    | 1.0       | 104       | 88        | 1205      | 4.74    | < 10      | < 1       | 0.01   | < 10      | 0.68    | 475       | 2         |
| 934982 | 205 273      | 0.6       | 1.06    | 32        | 30        | < 0.5     | 2         | 4.29    | < 0.5     | 259       | 42        | 1120      | 8.42    | < 10      | < 1       | 0.03   | < 10      | 1.16    | 535       | < 1       |
| 934983 | 205 273      | 0.4       | 0.96    | 22        | 50        | < 0.5     | 8         | 8.78    | < 0.5     | 152       | 56        | 1530      | 7.66    | < 10      | < 1       | 0.13   | < 10      | 2.27    | 740       | 1         |
| 934984 | 205 273      | 0.4       | 0.97    | 24        | 40        | < 0.5     | 8         | 5.41    | < 0.5     | 63        | 100       | 714       | 4.48    | < 10      | < 1       | 0.09   | < 10      | 0.88    | 760       | 1         |
| 934985 | 205 273      | 0.4       | 0.68    | 14        | 20        | < 0.5     | 2         | 4.21    | < 0.5     | 69        | 121       | 884       | 3.85    | < 10      | < 1       | 0.01   | < 10      | 0.38    | 575       | 1         |
| 934986 | 205 273      | 0.4       | 0.73    | 6         | 60        | < 0.5     | 2         | 2.19    | < 0.5     | 118       | 111       | 734       | 5.43    | < 10      | < 1       | 0.05   | < 10      | 0.45    | 495       | 1         |
| 934987 | 205 273      | 0.2       | 1.08    | 2         | 70        | 0.5       | 4         | 3.57    | < 0.5     | 83        | 98        | 578       | 5.75    | < 10      | < 1       | 0.03   | < 10      | 0.99    | 830       | 2         |
| 934988 | 205 273      | 0.4       | 1.11    | 8         | 40        | < 0.5     | 4         | 2.68    | 0.5       | 63        | 122       | 741       | 3.65    | < 10      | < 1       | 0.04   | < 10      | 1.09    | 410       | 3         |
| 934989 | 205 273      | 0.8       | 2.02    | 36        | 140       | < 0.5     | 2         | 3.43    | < 0.5     | 68        | 73        | 1175      | 4.26    | < 10      | < 1       | 0.45   | < 10      | 1.24    | 630       | 1         |
| 934990 | 205 273      | 3.4       | 1.78    | 30        | 10        | < 0.5     | 22        | 6.09    | < 0.5     | 461       | 37        | 5490      | >15.00  | 20        | < 1       | 0.02   | < 10      | 1.94    | 810       | < 1       |
| 934991 | 205 273      | 0.6       | 1.28    | 32        | 40        | < 0.5     | 8         | 4.51    | 0.5       | 93        | 97        | 1025      | 4.36    | < 10      | < 1       | 0.05   | < 10      | 1.01    | 470       | 2         |
| 934992 | 205 273      | 0.8       | 1.42    | 12        | 40        | < 0.5     | 2         | 2.71    | < 0.5     | 141       | 51        | 1375      | 6.75    | < 10      | < 1       | 0.02   | < 10      | 1.87    | 475       | 3         |
| 934993 | 205 273      | 0.4       | 1.05    | 8         | 90        | < 0.5     | 2         | 3.52    | 0.5       | 53        | 67        | 642       | 3.29    | < 10      | < 1       | 0.07   | < 10      | 1.38    | 375       | 2         |
| 934994 | 205 273      | 0.4       | 0.80    | 8         | 70        | < 0.5     | 2         | 2.39    | < 0.5     | 65        | 53        | 663       | 3.24    | < 10      | < 1       | 0.03   | < 10      | 1.32    | 305       | 2         |
| 934995 | 205 273      | 0.4       | 0.50    | 4         | 70        | 0.5       | 4         | 3.60    | < 0.5     | 48        | 58        | 596       | 2.55    | < 10      | < 1       | 0.01   | < 10      | 0.72    | 285       | 2         |
| 934996 | 205 273      | 0.2       | 0.86    | 2         | 10        | < 0.5     | 2         | 1.74    | < 0.5     | 70        | 30        | 542       | 3.84    | < 10      | < 1       | 0.04   | < 10      | 1.40    | 300       | 1         |
| 934997 | 205 273      | 0.2       | 1.52    | 14        | 30        | 0.5       | 2         | 3.06    | < 0.5     | 47        | 110       | 454       | 2.39    | < 10      | < 1       | 0.02   | < 10      | 0.97    | 290       | 4         |
| 934998 | 205 273      | 0.2       | 0.88    | < 2       | 30        | < 0.5     | 6         | 2.66    | < 0.5     | 26        | 87        | 379       | 2.44    | < 10      | < 1       | 0.02   | < 10      | 1.00    | 340       | 3         |
| 934999 | 205 273      | 1.2       | 1.59    | 36        | 40        | < 0.5     | 6         | 3.37    | < 0.5     | 154       | 47        | 1690      | 6.59    | < 10      | < 1       | 0.02   | < 10      | 2.09    | 500       | 1         |
| 935000 | 205 273      | 0.4       | 0.99    | 14        | 40        | < 0.5     | 6         | 2.85    | < 0.5     | 61        | 112       | 805       | 3.08    | < 10      | < 1       | 0.02   | < 10      | 0.99    | 330       | 4         |
| 935001 | 205 273      | 1.2       | 1.29    | 8         | 40        | < 0.5     | 2         | 1.96    | 0.5       | 152       | 77        | 2150      | 5.52    | < 10      | < 1       | 0.11   | < 10      | 1.30    | 320       | 2         |

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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PHONE: 604-984-0221

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project : CANALASK  
Comments:

Page Number : 1-B  
Total Pages : 2  
Certificate Date: 17-NOV-94  
Invoice No. : I9430502  
P.O. Number :  
Account : F

## CERTIFICATE OF ANALYSIS

A9430502

| 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 |
|--------|-----------|------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 934962 | 205 273   | 0.06 | 197    | 300   | < 2    | 4      | 1      | 13     | 0.11   | < 10   | < 10  | 31    | < 10  | 116    |
| 934963 | 205 273   | 0.08 | 23     | 350   | < 2    | 2      | 4      | 26     | 0.13   | < 10   | < 10  | 83    | < 10  | 66     |
| 934964 | 205 273   | 0.07 | 45     | 290   | < 2    | 2      | 8      | 38     | 0.13   | < 10   | < 10  | 106   | 10    | 262    |
| 934965 | 205 273   | 0.08 | 216    | 430   | < 2    | 2      | 5      | 29     | 0.16   | < 10   | < 10  | 75    | < 10  | 28     |
| 934966 | 205 273   | 0.07 | 23     | 210   | < 2    | 2      | 4      | 33     | 0.11   | < 10   | < 10  | 63    | < 10  | 44     |
| 934967 | 205 273   | 0.06 | 70     | 210   | 2      | 4      | 5      | 49     | 0.11   | < 10   | < 10  | 69    | 10    | 58     |
| 934968 | 205 273   | 0.05 | 18     | 210   | 4      | 2      | 5      | 17     | 0.13   | < 10   | < 10  | 81    | < 10  | 332    |
| 934969 | 205 273   | 0.04 | 48     | 80    | < 2    | 4      | 4      | 34     | 0.10   | < 10   | < 10  | 56    | 10    | 34     |
| 934970 | 205 273   | 0.08 | 13     | 520   | < 2    | 4      | 6      | 39     | 0.12   | < 10   | < 10  | 69    | < 10  | 90     |
| 934971 | 205 273   | 0.03 | 7      | 1630  | 8      | < 2    | 10     | 38     | 0.20   | < 10   | < 10  | 61    | < 10  | 40     |
| 934972 | 205 273   | 0.08 | 20     | 270   | 2      | 2      | 7      | 25     | 0.13   | < 10   | < 10  | 89    | < 10  | 206    |
| 934973 | 205 273   | 0.07 | 19     | 220   | 36     | 2      | 8      | 57     | 0.13   | < 10   | < 10  | 87    | 10    | 50     |
| 934974 | 205 273   | 0.06 | 20     | 120   | < 2    | < 2    | 7      | 42     | 0.09   | < 10   | < 10  | 71    | < 10  | 96     |
| 934975 | 205 273   | 0.04 | 39     | 380   | < 2    | 4      | 5      | 34     | 0.07   | < 10   | < 10  | 60    | 10    | 68     |
| 934976 | 205 273   | 0.07 | 16     | 150   | < 2    | 4      | 8      | 33     | 0.09   | < 10   | < 10  | 74    | < 10  | 192    |
| 934977 | 205 273   | 0.06 | 25     | 140   | < 2    | 2      | 6      | 43     | 0.13   | < 10   | < 10  | 55    | 10    | 128    |
| 934978 | 205 273   | 0.08 | 18     | 250   | < 2    | < 2    | 7      | 32     | 0.14   | < 10   | < 10  | 73    | < 10  | 144    |
| 934979 | 205 273   | 0.06 | 37     | 290   | < 2    | 4      | 8      | 55     | 0.12   | < 10   | < 10  | 87    | 10    | 152    |
| 934980 | 205 273   | 0.07 | 41     | 520   | < 2    | 4      | 7      | 57     | 0.05   | < 10   | < 10  | 72    | < 10  | 76     |
| 934981 | 205 273   | 0.06 | 39     | 120   | < 2    | 2      | 4      | 44     | 0.10   | < 10   | < 10  | 58    | 10    | 130    |
| 934982 | 205 273   | 0.02 | 98     | 180   | < 2    | 6      | 4      | 66     | 0.06   | < 10   | < 10  | 61    | 20    | 54     |
| 934983 | 205 273   | 0.04 | 63     | 230   | < 2    | 4      | 10     | 256    | < 0.01 | < 10   | < 10  | 136   | 20    | 38     |
| 934984 | 205 273   | 0.05 | 20     | 170   | < 2    | 4      | 8      | 86     | < 0.01 | < 10   | < 10  | 81    | 10    | 42     |
| 934985 | 205 273   | 0.07 | 27     | 230   | < 2    | < 2    | 8      | 50     | 0.08   | < 10   | < 10  | 60    | < 10  | 44     |
| 934986 | 205 273   | 0.09 | 59     | 180   | < 2    | 4      | 5      | 40     | 0.12   | < 10   | < 10  | 53    | 10    | 24     |
| 934987 | 205 273   | 0.08 | 30     | 190   | < 2    | 2      | 7      | 68     | 0.13   | < 10   | < 10  | 67    | 10    | 48     |
| 934988 | 205 273   | 0.08 | 33     | 160   | < 2    | < 2    | 7      | 39     | 0.08   | < 10   | < 10  | 87    | < 10  | 86     |
| 934989 | 205 273   | 0.04 | 12     | 600   | < 2    | 2      | 10     | 44     | 0.03   | < 10   | < 10  | 67    | 10    | 44     |
| 934990 | 205 273   | 0.01 | 72     | 1070  | < 2    | 8      | 6      | 60     | < 0.01 | < 10   | < 10  | 92    | 20    | 52     |
| 934991 | 205 273   | 0.08 | 24     | 380   | < 2    | 2      | 9      | 45     | 0.10   | < 10   | < 10  | 92    | 10    | 112    |
| 934992 | 205 273   | 0.07 | 38     | 580   | < 2    | 4      | 6      | 52     | 0.08   | < 10   | < 10  | 81    | 10    | 38     |
| 934993 | 205 273   | 0.08 | 22     | 860   | < 2    | 2      | 7      | 52     | 0.06   | < 10   | < 10  | 75    | < 10  | 110    |
| 934994 | 205 273   | 0.10 | 15     | 990   | < 2    | 2      | 3      | 58     | 0.06   | < 10   | < 10  | 44    | < 10  | 54     |
| 934995 | 205 273   | 0.11 | 12     | 520   | < 2    | 2      | 6      | 60     | 0.09   | < 10   | < 10  | 43    | < 10  | 52     |
| 934996 | 205 273   | 0.09 | 13     | 830   | < 2    | 2      | 2      | 49     | 0.07   | < 10   | < 10  | 33    | < 10  | 24     |
| 934997 | 205 273   | 0.10 | 14     | 210   | < 2    | 2      | 6      | 36     | 0.13   | < 10   | < 10  | 58    | < 10  | 28     |
| 934998 | 205 273   | 0.10 | 11     | 310   | < 2    | < 2    | 6      | 42     | 0.14   | < 10   | < 10  | 72    | < 10  | 52     |
| 934999 | 205 273   | 0.05 | 53     | 3460  | < 2    | 4      | 2      | 49     | 0.05   | < 10   | < 10  | 56    | 10    | 30     |
| 935000 | 205 273   | 0.09 | 19     | 440   | < 2    | < 2    | 7      | 31     | 0.13   | < 10   | < 10  | 71    | < 10  | 64     |
| 935001 | 205 273   | 0.08 | 44     | 2330  | < 2    | 2      | 4      | 24     | 0.10   | < 10   | < 10  | 53    | 10    | 60     |

CERTIFICATION:

*Handwritten signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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to: ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127  
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Project: CANALASK  
Comments: C94-063

Page: 2-A  
Total Pages: 2  
Certificate Date: 17-NOV-94  
Invoice No.: 19430502  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9430502

| 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 |
|--------|-----------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|--------|
| 935002 | 205 273   | 3.0    | 1.47 | 4      | 40     | < 0.5  | 16     | 4.17   | 0.5    | 231    | 16     | 4690   | 9.86  | 10     | < 1    | 0.04   | < 10   | 2.06 | 450    | < 1    |
| 935003 | 205 273   | 1.2    | 0.98 | 34     | 80     | < 0.5  | 2      | 8.00   | 0.5    | 47     | 51     | 603    | 2.42  | < 10   | < 1    | 0.03   | < 10   | 1.01 | 890    | 1      |
| 935004 | 205 273   | 1.2    | 2.06 | 22     | 90     | < 0.5  | 2      | 7.55   | < 0.5  | 136    | 30     | 1975   | 6.79  | < 10   | < 1    | 0.02   | < 10   | 2.89 | 875    | 1      |
| 935005 | 205 273   | 0.2    | 1.35 | 14     | 20     | < 0.5  | < 2    | 4.75   | 0.5    | 56     | 55     | 488    | 2.81  | < 10   | < 1    | 0.01   | < 10   | 1.62 | 570    | 2      |
| 935006 | 205 273   | 0.4    | 1.85 | 4      | 120    | < 0.5  | < 2    | 5.34   | < 0.5  | 81     | 37     | 712    | 6.26  | < 10   | < 1    | 0.03   | < 10   | 2.11 | 865    | < 1    |
| 935007 | 205 273   | 0.4    | 1.08 | 8      | 60     | < 0.5  | < 2    | 4.56   | < 0.5  | 36     | 75     | 531    | 2.77  | < 10   | < 1    | 0.04   | < 10   | 0.98 | 560    | 1      |
| 935008 | 205 273   | 0.2    | 1.46 | 16     | 40     | < 0.5  | 4      | 7.00   | < 0.5  | 87     | 44     | 663    | 6.96  | < 10   | < 1    | < 0.01 | < 10   | 1.39 | 1030   | 4      |
| 935009 | 205 273   | 0.6    | 1.19 | 20     | 20     | < 0.5  | < 2    | 2.59   | < 0.5  | 67     | 56     | 1085   | 5.17  | < 10   | < 1    | 0.01   | < 10   | 1.49 | 515    | 2      |
| 935010 | 205 273   | 1.2    | 1.74 | 72     | 30     | < 0.5  | 14     | 5.28   | < 0.5  | 183    | 32     | 1960   | 11.30 | 10     | < 1    | 0.01   | < 10   | 1.72 | 840    | < 1    |
| 935011 | 205 273   | 0.6    | 1.40 | 4      | 40     | < 0.5  | < 2    | 5.82   | < 0.5  | 114    | 43     | 1010   | 8.87  | < 10   | < 1    | 0.01   | < 10   | 1.39 | 1125   | 1      |
| 935012 | 205 273   | 0.4    | 0.98 | 122    | 50     | 0.5    | 6      | 9.97   | < 0.5  | 91     | 27     | 1145   | 5.92  | < 10   | < 1    | 0.01   | < 10   | 3.08 | 970    | < 1    |
| 935013 | 205 273   | 0.6    | 1.29 | 94     | 60     | 0.5    | 10     | 10.95  | < 0.5  | 81     | 24     | 1100   | 6.01  | < 10   | < 1    | 0.04   | < 10   | 2.66 | 920    | < 1    |
| 935014 | 205 273   | 1.4    | 2.65 | 154    | 30     | < 0.5  | 4      | 7.68   | < 0.5  | 140    | 22     | 1795   | 5.70  | < 10   | < 1    | 0.07   | < 10   | 2.13 | 630    | < 1    |
| 935015 | 205 273   | 0.6    | 4.10 | 122    | 30     | 0.5    | 6      | 6.24   | < 0.5  | 124    | 19     | 1260   | 4.74  | < 10   | < 1    | 0.03   | < 10   | 1.86 | 405    | < 1    |
| 935016 | 205 273   | 1.2    | 4.19 | 112    | 20     | 0.5    | 14     | 6.60   | < 0.5  | 136    | 15     | 2310   | 4.87  | < 10   | < 1    | 0.02   | < 10   | 1.50 | 320    | < 1    |
| 935017 | 205 273   | 0.6    | 4.65 | 34     | 10     | < 0.5  | 12     | 5.62   | < 0.5  | 171    | 25     | 1475   | 5.67  | < 10   | < 1    | 0.02   | < 10   | 1.11 | 240    | < 1    |
| 935018 | 205 273   | 1.6    | 1.64 | 26     | < 10   | < 0.5  | 10     | 4.67   | 0.5    | 233    | 28     | 2840   | 7.81  | < 10   | < 1    | < 0.01 | < 10   | 1.61 | 355    | < 1    |
| 935019 | 205 273   | 0.4    | 4.15 | 10     | 30     | < 0.5  | 2      | 6.31   | 1.5    | 83     | 13     | 1055   | 3.31  | < 10   | < 1    | 0.03   | < 10   | 1.22 | 290    | < 1    |
| 935020 | 205 273   | 0.6    | 3.32 | 10     | < 10   | 0.5    | 6      | 4.34   | 0.5    | 124    | 12     | 1425   | 4.57  | < 10   | < 1    | 0.01   | < 10   | 0.98 | 225    | < 1    |
| 935021 | 205 273   | 0.8    | 3.23 | 36     | 20     | < 0.5  | 6      | 4.63   | 0.5    | 142    | 32     | 1760   | 5.23  | < 10   | < 1    | 0.02   | < 10   | 1.13 | 290    | < 1    |
| 935022 | 205 273   | 0.4    | 0.91 | 2      | 10     | < 0.5  | 4      | 1.18   | 0.5    | 82     | 61     | 1320   | 2.75  | < 10   | < 1    | 0.03   | < 10   | 0.35 | 120    | 3      |
| 935023 | 205 273   | 0.6    | 4.27 | < 2    | < 10   | < 0.5  | < 2    | 5.24   | 0.5    | 98     | 27     | 1405   | 3.51  | < 10   | < 1    | 0.01   | < 10   | 0.86 | 260    | 1      |
| 935024 | 205 273   | 0.2    | 4.35 | 4      | < 10   | 0.5    | 4      | 5.54   | < 0.5  | 81     | 15     | 912    | 3.44  | < 10   | < 1    | 0.01   | < 10   | 1.07 | 320    | < 1    |
| 935025 | 205 273   | 0.8    | 3.91 | 2      | < 10   | < 0.5  | 8      | 5.98   | 0.5    | 143    | 19     | 1860   | 5.46  | < 10   | < 1    | 0.01   | < 10   | 1.23 | 400    | < 1    |
| 935026 | 205 273   | 0.4    | 4.17 | < 2    | 10     | < 0.5  | < 2    | 6.17   | 0.5    | 124    | 18     | 988    | 5.39  | < 10   | < 1    | 0.02   | < 10   | 1.22 | 500    | < 1    |
| 935027 | 205 273   | 0.2    | 4.02 | < 2    | < 10   | < 0.5  | 4      | 4.86   | 0.5    | 114    | 16     | 917    | 5.72  | < 10   | < 1    | 0.01   | < 10   | 0.84 | 435    | < 1    |
| 935028 | 205 273   | 0.6    | 3.27 | 38     | 40     | 1.0    | 6      | 7.09   | < 0.5  | 68     | 14     | 942    | 6.73  | < 10   | < 1    | 0.02   | < 10   | 1.10 | 995    | < 1    |
| 935029 | 205 273   | 0.4    | 1.17 | 26     | 70     | < 0.5  | < 2    | 7.97   | < 0.5  | 78     | 34     | 1000   | 9.84  | < 10   | < 1    | 0.21   | < 10   | 1.49 | 1440   | < 1    |
| 935030 | 205 273   | 0.2    | 1.96 | 644    | 320    | 0.5    | < 2    | 7.89   | 0.5    | 67     | 84     | 93     | 3.50  | < 10   | < 1    | 0.28   | < 10   | 2.48 | 1045   | 1      |
| 935031 | 205 273   | 1.4    | 2.33 | 42     | 60     | 0.5    | 2      | 5.43   | 1.0    | 104    | 63     | 718    | 5.05  | < 10   | < 1    | 0.13   | < 10   | 1.79 | 1010   | 1      |
| 935032 | 205 273   | 1.0    | 3.35 | 6      | 80     | < 0.5  | 4      | 5.00   | < 0.5  | 122    | 40     | 1515   | 6.60  | < 10   | < 1    | 0.02   | < 10   | 0.90 | 910    | < 1    |
| 935033 | 205 273   | 0.4    | 3.41 | < 2    | 70     | 0.5    | 4      | 5.24   | < 0.5  | 141    | 34     | 684    | 6.87  | < 10   | < 1    | 0.01   | < 10   | 1.20 | 1060   | 1      |
| 935034 | 205 273   | 2.0    | 2.45 | 10     | 60     | 1.0    | 14     | 3.34   | < 0.5  | 158    | 39     | 2550   | 7.10  | < 10   | < 1    | 0.05   | < 10   | 0.96 | 740    | < 1    |
| 935035 | 205 273   | 2.2    | 2.22 | < 2    | 70     | < 0.5  | 12     | 2.40   | < 0.5  | 160    | 32     | 2850   | 6.39  | < 10   | < 1    | 0.04   | < 10   | 0.58 | 520    | 1      |
| 935036 | 205 273   | 0.4    | 1.84 | < 2    | 100    | 0.5    | < 2    | 2.80   | < 0.5  | 85     | 28     | 933    | 4.23  | < 10   | < 1    | 0.04   | < 10   | 0.44 | 440    | 5      |
| 935037 | 205 273   | < 0.2  | 0.89 | 8      | 70     | 0.5    | 2      | 2.63   | < 0.5  | 91     | 31     | 265    | 3.84  | < 10   | < 1    | 0.04   | < 10   | 0.48 | 420    | < 1    |
| 935038 | 205 273   | 1.2    | 3.16 | 12     | 60     | 0.5    | 6      | 5.48   | 5.0    | 129    | 28     | 1200   | 5.50  | < 10   | < 1    | 0.11   | < 10   | 2.05 | 895    | 1      |
| 935039 | 205 273   | 1.4    | 1.29 | 36     | 70     | < 0.5  | < 2    | >15.00 | 4.5    | 50     | 18     | 614    | 2.34  | < 10   | < 1    | 0.14   | < 10   | 1.12 | 1240   | < 1    |

CERTIFICATION:

*David Becker*



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Project: CANALASK  
Comments:

Page Number: 2-B  
Total Pages: 2  
Certificate Date: 17-NOV-94  
Invoice No.: 19430502  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9430502

| 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 |
|--------|-----------|------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 935002 | 205 273   | 0.02 | 59     | 6870  | < 2    | 6      | 1      | 33     | 0.02   | < 10   | < 10  | 40    | 20    | 54     |
| 935003 | 205 273   | 0.04 | 19     | 510   | 12     | 2      | 6      | 55     | 0.07   | < 10   | < 10  | 73    | < 10  | 94     |
| 935004 | 205 273   | 0.02 | 24     | 3080  | < 2    | 2      | 4      | 58     | 0.06   | < 10   | < 10  | 84    | 20    | 32     |
| 935005 | 205 273   | 0.08 | 16     | 290   | < 2    | < 2    | 8      | 42     | 0.04   | < 10   | < 10  | 99    | < 10  | 84     |
| 935006 | 205 273   | 0.07 | 13     | 1130  | < 2    | 6      | 6      | 70     | 0.06   | < 10   | < 10  | 79    | 20    | 42     |
| 935007 | 205 273   | 0.07 | 11     | 170   | 2      | 2      | 6      | 40     | 0.02   | < 10   | < 10  | 70    | < 10  | 36     |
| 935008 | 205 273   | 0.06 | 12     | 930   | < 2    | 4      | 8      | 81     | 0.03   | < 10   | < 10  | 74    | 10    | 58     |
| 935009 | 205 273   | 0.09 | 11     | 780   | < 2    | 4      | 6      | 53     | 0.09   | < 10   | < 10  | 56    | 10    | 104    |
| 935010 | 205 273   | 0.05 | 21     | 2630  | < 2    | 8      | 8      | 72     | 0.06   | < 10   | < 10  | 64    | 20    | 84     |
| 935011 | 205 273   | 0.05 | 14     | 2630  | < 2    | 4      | 6      | 61     | 0.03   | < 10   | < 10  | 59    | 20    | 44     |
| 935012 | 205 273   | 0.02 | 10     | 1170  | < 2    | 4      | 6      | 114    | < 0.01 | < 10   | < 10  | 69    | 20    | 64     |
| 935013 | 205 273   | 0.02 | 8      | 1500  | < 2    | 6      | 5      | 98     | < 0.01 | < 10   | < 10  | 59    | 20    | 56     |
| 935014 | 205 273   | 0.05 | 12     | 1460  | < 2    | 6      | 6      | 62     | 0.05   | < 10   | < 10  | 49    | 20    | 74     |
| 935015 | 205 273   | 0.04 | 9      | 1170  | < 2    | 2      | 10     | 33     | 0.13   | < 10   | < 10  | 65    | 10    | 54     |
| 935016 | 205 273   | 0.04 | 8      | 1760  | < 2    | 2      | 7      | 31     | 0.16   | < 10   | < 10  | 54    | 10    | 54     |
| 935017 | 205 273   | 0.04 | 13     | 2410  | < 2    | 2      | 6      | 17     | 0.13   | < 10   | < 10  | 49    | 10    | 56     |
| 935018 | 205 273   | 0.03 | 20     | 2330  | < 2    | 6      | 3      | 24     | 0.07   | < 10   | < 10  | 42    | 20    | 80     |
| 935019 | 205 273   | 0.04 | 6      | 1210  | < 2    | < 2    | 4      | 26     | 0.09   | < 10   | 10    | 36    | 10    | 148    |
| 935020 | 205 273   | 0.04 | 9      | 2580  | < 2    | < 2    | 4      | 14     | 0.09   | < 10   | < 10  | 34    | 10    | 108    |
| 935021 | 205 273   | 0.05 | 15     | 2220  | < 2    | 2      | 7      | 19     | 0.10   | < 10   | < 10  | 47    | 10    | 144    |
| 935022 | 205 273   | 0.09 | 13     | 400   | < 2    | 2      | 1      | 9      | 0.10   | < 10   | < 10  | 20    | < 10  | 158    |
| 935023 | 205 273   | 0.05 | 6      | 1290  | < 2    | < 2    | 2      | 14     | 0.13   | < 10   | < 10  | 31    | 10    | 44     |
| 935024 | 205 273   | 0.06 | 5      | 1290  | < 2    | 2      | 4      | 18     | 0.17   | < 10   | 10    | 41    | 10    | 56     |
| 935025 | 205 273   | 0.04 | 9      | 1860  | < 2    | 2      | 5      | 22     | 0.22   | < 10   | < 10  | 55    | 10    | 94     |
| 935026 | 205 273   | 0.06 | 7      | 1690  | < 2    | < 2    | 7      | 27     | 0.22   | < 10   | 10    | 58    | 20    | 92     |
| 935027 | 205 273   | 0.05 | 6      | 1320  | < 2    | < 2    | 4      | 17     | 0.21   | < 10   | < 10  | 50    | 10    | 50     |
| 935028 | 205 273   | 0.05 | 3      | 900   | < 2    | 2      | 3      | 47     | 0.06   | < 10   | < 10  | 41    | 20    | 54     |
| 935029 | 205 273   | 0.07 | 3      | 1280  | < 2    | 4      | 7      | 164    | < 0.01 | < 10   | < 10  | 44    | 20    | 52     |
| 935030 | 205 273   | 0.02 | 2070   | 70    | 180    | < 2    | 10     | 143    | < 0.01 | < 10   | < 10  | 61    | 20    | 198    |
| 935031 | 205 273   | 0.06 | 2180   | 90    | 26     | 2      | 10     | 64     | 0.06   | < 10   | < 10  | 100   | 20    | 110    |
| 935032 | 205 273   | 0.05 | 31     | 20    | < 2    | 4      | 4      | 44     | 0.20   | < 10   | < 10  | 61    | 20    | 24     |
| 935033 | 205 273   | 0.03 | 39     | < 10  | 2      | 6      | 2      | 37     | 0.16   | < 10   | < 10  | 57    | 20    | 26     |
| 935034 | 205 273   | 0.06 | 30     | 130   | < 2    | 4      | 3      | 31     | 0.24   | < 10   | < 10  | 63    | 10    | 36     |
| 935035 | 205 273   | 0.09 | 29     | 60    | < 2    | 2      | 3      | 18     | 0.25   | < 10   | < 10  | 56    | 10    | 22     |
| 935036 | 205 273   | 0.11 | 14     | 190   | < 2    | 2      | 2      | 19     | 0.28   | < 10   | < 10  | 50    | < 10  | 14     |
| 935037 | 205 273   | 0.13 | 19     | 240   | < 2    | 4      | 4      | 23     | 0.29   | < 10   | < 10  | 58    | < 10  | 34     |
| 935038 | 205 273   | 0.04 | 18     | 450   | < 2    | 2      | 9      | 48     | 0.19   | < 10   | < 10  | 79    | 20    | 1070   |
| 935039 | 205 273   | 0.01 | 8      | 210   | 8      | 2      | 4      | 306    | 0.04   | < 10   | < 10  | 29    | 10    | 516    |

CERTIFICATION:

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# Chemex Labs Ltd.

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

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

A9430747

Comments:

## CERTIFICATE

A9430747

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 22-NOV-94.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                     |
|-------------|----------------|---------------------------------|
| 205         | 25             | Geochem ring to approx 150 mesh |
| 273         | 25             | 26-35 lb crush and split        |
| 229         | 25             | ICP - AQ Digestion charge       |

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                                 | METHOD        | DETECTION LIMIT | UPPER LIMIT |
|-------------|----------------|---------------------------------------------|---------------|-----------------|-------------|
| 6           | 25             | Ag ppm: HNO <sub>3</sub> -aqua regia digest | AAS-BKGD CORR | 0.2             | 100.0       |
| 2119        | 25             | Al %: 32 element, soil & rock               | ICP-AES       | 0.01            | 15.00       |
| 2120        | 25             | As ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |
| 2121        | 25             | Ba ppm: 32 element, soil & rock             | ICP-AES       | 10              | 10000       |
| 2122        | 25             | Be ppm: 32 element, soil & rock             | ICP-AES       | 0.5             | 100.0       |
| 2123        | 25             | Bi ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |
| 2124        | 25             | Ca %: 32 element, soil & rock               | ICP-AES       | 0.01            | 15.00       |
| 2125        | 25             | Cd ppm: 32 element, soil & rock             | ICP-AES       | 0.5             | 100.0       |
| 2126        | 25             | Co ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2127        | 25             | Cr ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2128        | 25             | Cu ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2150        | 25             | Fe %: 32 element, soil & rock               | ICP-AES       | 0.01            | 15.00       |
| 2130        | 25             | Ga ppm: 32 element, soil & rock             | ICP-AES       | 10              | 10000       |
| 2131        | 25             | Hg ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2132        | 25             | K %: 32 element, soil & rock                | ICP-AES       | 0.01            | 10.00       |
| 2151        | 25             | La ppm: 32 element, soil & rock             | ICP-AES       | 10              | 10000       |
| 2134        | 25             | Mg %: 32 element, soil & rock               | ICP-AES       | 0.01            | 15.00       |
| 2135        | 25             | Mn ppm: 32 element, soil & rock             | ICP-AES       | 5               | 10000       |
| 2136        | 25             | Mo ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2137        | 25             | Na %: 32 element, soil & rock               | ICP-AES       | 0.01            | 5.00        |
| 2138        | 25             | Ni ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2139        | 25             | P ppm: 32 element, soil & rock              | ICP-AES       | 10              | 10000       |
| 2140        | 25             | Pb ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |
| 2141        | 25             | Sb ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |
| 2142        | 25             | Sc ppm: 32 elements, soil & rock            | ICP-AES       | 1               | 10000       |
| 2143        | 25             | Sr ppm: 32 element, soil & rock             | ICP-AES       | 1               | 10000       |
| 2144        | 25             | Ti %: 32 element, soil & rock               | ICP-AES       | 0.01            | 5.00        |
| 2145        | 25             | Tl ppm: 32 element, soil & rock             | ICP-AES       | 10              | 10000       |
| 2146        | 25             | U ppm: 32 element, soil & rock              | ICP-AES       | 10              | 10000       |
| 2147        | 25             | V ppm: 32 element, soil & rock              | ICP-AES       | 1               | 10000       |
| 2148        | 25             | W ppm: 32 element, soil & rock              | ICP-AES       | 10              | 10000       |
| 2149        | 25             | Zn ppm: 32 element, soil & rock             | ICP-AES       | 2               | 10000       |



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BOX 4127  
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Project: CANALASK  
Comments: C 94-064

Page: 1-A  
Total Pages: 1  
Certificate Date: 22-NOV-94  
Invoice No.: I9430747  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9430747

| SAMPLE | PREP CODE | Ag ppm<br>Aqua R | 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 |
|--------|-----------|------------------|------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|--------|
| 935040 | 205 273   | 1.4              | 1.09 | 86     | 10     | < 0.5  | < 2    | 1.36  | < 0.5  | 547    | 23     | 1035   | 13.35 | < 10   | < 1    | 0.03   | < 10   | 0.46 | 180    | < 1    |
| 935041 | 205 273   | 1.3              | 2.04 | 12     | 30     | < 0.5  | < 2    | 2.77  | < 0.5  | 167    | 27     | 2410   | 4.90  | < 10   | < 1    | 0.06   | < 10   | 0.70 | 270    | < 1    |
| 935042 | 205 273   | 2.9              | 2.82 | 130    | 50     | < 0.5  | < 2    | 10.15 | < 0.5  | 75     | 32     | 1805   | 3.33  | < 10   | < 1    | 0.07   | < 10   | 1.64 | 1495   | 1      |
| 935043 | 205 273   | 0.7              | 2.02 | 78     | 50     | < 0.5  | < 2    | 3.41  | < 0.5  | 67     | 45     | 1025   | 3.12  | < 10   | < 1    | 0.14   | < 10   | 1.23 | 540    | < 1    |
| 935044 | 205 273   | 0.8              | 1.50 | 12     | 60     | < 0.5  | < 2    | 2.02  | < 0.5  | 108    | 51     | 1770   | 4.60  | < 10   | < 1    | 0.11   | < 10   | 1.06 | 345    | < 1    |
| 935045 | 205 273   | 1.0              | 2.66 | 14     | 10     | < 0.5  | < 2    | 3.99  | < 0.5  | 103    | 26     | 2340   | 4.58  | < 10   | < 1    | 0.02   | < 10   | 1.09 | 365    | < 1    |
| 935046 | 205 273   | 0.8              | 2.90 | 36     | 30     | < 0.5  | < 2    | 4.49  | 1.5    | 103    | 41     | 1985   | 3.81  | < 10   | < 1    | 0.08   | < 10   | 1.16 | 320    | < 1    |
| 935047 | 205 273   | 2.5              | 2.72 | 58     | 10     | < 0.5  | < 2    | 3.45  | 0.5    | 167    | 25     | 6630   | 5.16  | < 10   | < 1    | 0.01   | < 10   | 0.80 | 185    | < 1    |
| 935048 | 205 273   | 2.5              | 3.48 | 168    | < 10   | < 0.5  | < 2    | 4.43  | 0.5    | 238    | 31     | 6380   | 6.03  | < 10   | < 1    | 0.04   | < 10   | 1.23 | 245    | < 1    |
| 935049 | 205 273   | 2.9              | 3.89 | 130    | 10     | < 0.5  | < 2    | 4.84  | 1.5    | 230    | 31     | 6690   | 6.06  | < 10   | < 1    | 0.01   | < 10   | 1.38 | 295    | < 1    |
| 935050 | 205 273   | 3.0              | 3.20 | 62     | 40     | < 0.5  | < 2    | 8.61  | 1.5    | 69     | 38     | 5330   | 2.82  | < 10   | < 1    | 0.11   | < 10   | 1.31 | 810    | < 1    |
| 935051 | 205 273   | 1.3              | 4.18 | 110    | 20     | < 0.5  | < 2    | 6.63  | < 0.5  | 86     | 171    | 2400   | 3.33  | < 10   | < 1    | 0.04   | < 10   | 1.86 | 490    | < 1    |
| 935052 | 205 273   | 2.6              | 4.99 | 168    | 40     | < 0.5  | < 2    | 8.01  | 4.5    | 104    | 131    | 5630   | 3.40  | < 10   | < 1    | 0.09   | < 10   | 2.13 | 540    | < 1    |
| 935053 | 205 273   | < 0.2            | 5.82 | 8      | 10     | < 0.5  | < 2    | 7.87  | < 0.5  | 11     | 35     | 243    | 1.78  | < 10   | < 1    | 0.01   | < 10   | 1.55 | 330    | < 1    |
| 935054 | 205 273   | < 0.2            | 5.53 | 2      | 20     | < 0.5  | < 2    | 7.59  | < 0.5  | 11     | 31     | 165    | 2.26  | < 10   | < 1    | 0.06   | < 10   | 1.66 | 325    | < 1    |
| 935055 | 205 273   | < 0.2            | 4.51 | 8      | 40     | < 0.5  | < 2    | 6.12  | 0.5    | 12     | 24     | 418    | 3.18  | < 10   | < 1    | 0.11   | < 10   | 1.61 | 665    | < 1    |
| 935056 | 205 273   | 1.5              | 3.81 | < 2    | 120    | < 0.5  | < 2    | 7.42  | 1.0    | 25     | 70     | 3100   | 3.86  | < 10   | < 1    | 0.11   | < 10   | 1.76 | 1115   | < 1    |
| 935057 | 205 273   | 2.6              | 4.26 | 22     | 10     | < 0.5  | < 2    | 6.17  | 1.5    | 42     | 46     | 6290   | 3.61  | < 10   | < 1    | 0.02   | < 10   | 1.11 | 730    | < 1    |
| 935058 | 205 273   | 2.2              | 3.60 | 34     | 170    | < 0.5  | < 2    | 3.46  | 4.0    | 31     | 87     | 3890   | 6.62  | < 10   | < 1    | 0.02   | < 10   | 1.37 | 1965   | < 1    |
| 935059 | 205 273   | 0.7              | 4.53 | 8      | 50     | < 0.5  | < 2    | 5.46  | 1.5    | 19     | 103    | 1625   | 5.31  | < 10   | < 1    | < 0.01 | < 10   | 1.47 | 1180   | < 1    |
| 935060 | 205 273   | 3.0              | 4.52 | 20     | 30     | < 0.5  | < 2    | 5.55  | < 0.5  | 29     | 85     | 3060   | 6.03  | < 10   | < 1    | 0.04   | < 10   | 1.33 | 1375   | < 1    |
| 935061 | 205 273   | 0.2              | 4.38 | 20     | 60     | < 0.5  | < 2    | 5.36  | < 0.5  | 20     | 85     | 524    | 6.29  | < 10   | < 1    | 0.08   | < 10   | 1.18 | 1055   | < 1    |
| 935062 | 205 273   | 0.3              | 4.63 | 12     | 80     | < 0.5  | < 2    | 9.30  | 1.0    | 22     | 65     | 458    | 8.73  | < 10   | < 1    | 0.19   | < 10   | 1.45 | 1255   | < 1    |
| 935063 | 205 273   | < 0.2            | 2.29 | < 2    | 120    | < 0.5  | < 2    | 8.37  | < 0.5  | 8      | 30     | 9      | 2.72  | < 10   | < 1    | 0.11   | < 10   | 1.33 | 590    | < 1    |
| 935064 | 205 273   | < 0.2            | 3.36 | 6      | 40     | < 0.5  | < 2    | 4.47  | < 0.5  | 7      | 45     | < 1    | 0.81  | < 10   | < 1    | 0.11   | < 10   | 0.83 | 215    | < 1    |

CERTIFICATION:



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BOX 4127  
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Project: CANALASK  
Comments:

Page: 1-B  
Total Pages: 1  
Certificate Date: 22-NOV-94  
Invoice No.: 19430747  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9430747

| 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 |
|--------|-----------|------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| 935040 | 205 273   | 0.03 | >10000 | 290   | 2      | < 2    | 2      | 11     | 0.07 | 20     | < 10  | 21    | < 10  | 14     |
| 935041 | 205 273   | 0.03 | 1710   | 160   | < 2    | < 2    | 1      | 15     | 0.07 | < 10   | < 10  | 25    | < 10  | 82     |
| 935042 | 205 273   | 0.01 | 725    | 10    | 198    | < 2    | 6      | 46     | 0.09 | < 10   | < 10  | 68    | < 10  | 216    |
| 935043 | 205 273   | 0.04 | 511    | 160   | 4      | < 2    | 3      | 21     | 0.09 | < 10   | < 10  | 44    | < 10  | 30     |
| 935044 | 205 273   | 0.04 | 356    | 160   | 2      | < 2    | 2      | 21     | 0.09 | < 10   | < 10  | 39    | < 10  | 80     |
| 935045 | 205 273   | 0.03 | 614    | 30    | < 2    | < 2    | 2      | 22     | 0.09 | 10     | < 10  | 35    | < 10  | 26     |
| 935046 | 205 273   | 0.02 | 174    | 60    | 6      | < 2    | 2      | 24     | 0.08 | < 10   | < 10  | 37    | < 10  | 294    |
| 935047 | 205 273   | 0.02 | 206    | 220   | < 2    | < 2    | 1      | 12     | 0.06 | < 10   | < 10  | 22    | < 10  | 186    |
| 935048 | 205 273   | 0.02 | 166    | 100   | 2      | 2      | 2      | 15     | 0.07 | < 10   | < 10  | 31    | < 10  | 172    |
| 935049 | 205 273   | 0.02 | 79     | 590   | < 2    | < 2    | 3      | 19     | 0.09 | < 10   | < 10  | 38    | < 10  | 298    |
| 935050 | 205 273   | 0.02 | 51     | 90    | < 2    | < 2    | 3      | 31     | 0.10 | < 10   | < 10  | 44    | < 10  | 336    |
| 935051 | 205 273   | 0.03 | 71     | 160   | < 2    | < 2    | 4      | 25     | 0.12 | < 10   | < 10  | 77    | < 10  | 74     |
| 935052 | 205 273   | 0.02 | 59     | 2680  | 4      | 2      | 7      | 29     | 0.14 | < 10   | < 10  | 97    | < 10  | 640    |
| 935053 | 205 273   | 0.03 | 3      | 440   | 2      | < 2    | 9      | 16     | 0.26 | < 10   | < 10  | 180   | < 10  | 16     |
| 935054 | 205 273   | 0.03 | 3      | 350   | 2      | < 2    | 10     | 24     | 0.24 | < 10   | < 10  | 192   | < 10  | 10     |
| 935055 | 205 273   | 0.02 | 5      | 760   | 2      | < 2    | 8      | 24     | 0.15 | 10     | < 10  | 179   | < 10  | 134    |
| 935056 | 205 273   | 0.03 | 21     | 360   | < 2    | < 2    | 10     | 52     | 0.14 | < 10   | < 10  | 146   | < 10  | 200    |
| 935057 | 205 273   | 0.02 | 23     | 2300  | < 2    | < 2    | 6      | 20     | 0.13 | < 10   | < 10  | 123   | < 10  | 304    |
| 935058 | 205 273   | 0.02 | 17     | 1360  | 2      | 2      | 4      | 32     | 0.12 | < 10   | < 10  | 134   | < 10  | 540    |
| 935059 | 205 273   | 0.02 | 6      | 2120  | < 2    | < 2    | 6      | 23     | 0.16 | < 10   | < 10  | 115   | < 10  | 252    |
| 935060 | 205 273   | 0.03 | 76     | 2360  | < 2    | < 2    | 7      | 44     | 0.17 | < 10   | < 10  | 115   | < 10  | 64     |
| 935061 | 205 273   | 0.06 | 11     | 940   | < 2    | < 2    | 8      | 47     | 0.23 | < 10   | < 10  | 102   | < 10  | 50     |
| 935062 | 205 273   | 0.10 | 9      | 970   | < 2    | < 2    | 12     | 42     | 0.20 | < 10   | < 10  | 120   | < 10  | 204    |
| 935063 | 205 273   | 0.07 | 6      | 1270  | 2      | < 2    | 12     | 66     | 0.18 | < 10   | < 10  | 67    | < 10  | 18     |
| 935064 | 205 273   | 0.04 | 35     | 90    | < 2    | < 2    | 4      | 20     | 0.19 | < 10   | < 10  | 41    | < 10  | 6      |

CERTIFICATION:

*[Handwritten signature]*



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A9430748

Comments:

## CERTIFICATE

A9430748

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 24-NOV-94.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                     |
|-------------|----------------|---------------------------------|
| 205         | 29             | Geochem ring to approx 150 mesh |
| 273         | 29             | 26-35 lb crush and split        |
| 229         | 29             | ICP - AQ Digestion charge       |

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                      | METHOD        | DETECTION LIMIT | UPPER LIMIT |
|-------------|----------------|----------------------------------|---------------|-----------------|-------------|
| 6           | 29             | Ag ppm: HNO3-aqua regia digest   | AAS-BKGD CORR | 0.2             | 100.0       |
| 2119        | 29             | Al %: 32 element, soil & rock    | ICP-AES       | 0.01            | 15.00       |
| 2120        | 29             | As ppm: 32 element, soil & rock  | ICP-AES       | 2               | 10000       |
| 2121        | 29             | Ba ppm: 32 element, soil & rock  | ICP-AES       | 10              | 10000       |
| 2122        | 29             | Be ppm: 32 element, soil & rock  | ICP-AES       | 0.5             | 100.0       |
| 2123        | 29             | Bi ppm: 32 element, soil & rock  | ICP-AES       | 2               | 10000       |
| 2124        | 29             | Ca %: 32 element, soil & rock    | ICP-AES       | 0.01            | 15.00       |
| 2125        | 29             | Cd ppm: 32 element, soil & rock  | ICP-AES       | 0.5             | 100.0       |
| 2126        | 29             | Co ppm: 32 element, soil & rock  | ICP-AES       | 1               | 10000       |
| 2127        | 29             | Cr ppm: 32 element, soil & rock  | ICP-AES       | 1               | 10000       |
| 2128        | 29             | Cu ppm: 32 element, soil & rock  | ICP-AES       | 1               | 10000       |
| 2150        | 29             | Fe %: 32 element, soil & rock    | ICP-AES       | 0.01            | 15.00       |
| 2130        | 29             | Ga ppm: 32 element, soil & rock  | ICP-AES       | 10              | 10000       |
| 2131        | 29             | Hg ppm: 32 element, soil & rock  | ICP-AES       | 1               | 10000       |
| 2132        | 29             | K %: 32 element, soil & rock     | ICP-AES       | 0.01            | 10.00       |
| 2151        | 29             | La ppm: 32 element, soil & rock  | ICP-AES       | 10              | 10000       |
| 2134        | 29             | Mg %: 32 element, soil & rock    | ICP-AES       | 0.01            | 15.00       |
| 2135        | 29             | Mn ppm: 32 element, soil & rock  | ICP-AES       | 5               | 10000       |
| 2136        | 29             | Mo ppm: 32 element, soil & rock  | ICP-AES       | 1               | 10000       |
| 2137        | 29             | Na %: 32 element, soil & rock    | ICP-AES       | 0.01            | 5.00        |
| 2138        | 29             | Ni ppm: 32 element, soil & rock  | ICP-AES       | 1               | 10000       |
| 2139        | 29             | P ppm: 32 element, soil & rock   | ICP-AES       | 10              | 10000       |
| 2140        | 29             | Pb ppm: 32 element, soil & rock  | ICP-AES       | 2               | 10000       |
| 2141        | 29             | Sb ppm: 32 element, soil & rock  | ICP-AES       | 2               | 10000       |
| 2142        | 29             | Sc ppm: 32 elements, soil & rock | ICP-AES       | 1               | 10000       |
| 2143        | 29             | Sr ppm: 32 element, soil & rock  | ICP-AES       | 1               | 10000       |
| 2144        | 29             | Ti %: 32 element, soil & rock    | ICP-AES       | 0.01            | 5.00        |
| 2145        | 29             | Tl ppm: 32 element, soil & rock  | ICP-AES       | 10              | 10000       |
| 2146        | 29             | U ppm: 32 element, soil & rock   | ICP-AES       | 10              | 10000       |
| 2147        | 29             | V ppm: 32 element, soil & rock   | ICP-AES       | 1               | 10000       |
| 2148        | 29             | W ppm: 32 element, soil & rock   | ICP-AES       | 10              | 10000       |
| 2149        | 29             | Zn ppm: 32 element, soil & rock  | ICP-AES       | 2               | 10000       |



# 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.

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project: CANALASK  
Comments: C94-065

Page: 1 of 1  
Total Pages: 1  
Certificate Date: 24-NOV-94  
Invoice No.: I9430748  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9430748

| SAMPLE | PREP CODE | Ag ppm<br>Aqua R | 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 |
|--------|-----------|------------------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|
| 935065 | 205 273   | 2.6              | 4.03 | 2      | 10     | < 0.5  | 10     | 4.27 | 1.5    | 331    | 27     | 7570   | 9.89   | 10     | < 1    | < 0.01 | < 10   | 1.01 | 175    | < 1    |
| 935066 | 205 273   | 1.4              | 3.20 | < 2    | < 10   | < 0.5  | < 2    | 3.66 | 0.5    | 330    | 18     | 5240   | 8.04   | < 10   | < 1    | < 0.01 | < 10   | 1.00 | 230    | < 1    |
| 935067 | 205 273   | < 0.2            | 2.44 | < 2    | 130    | < 0.5  | 2      | 2.67 | < 0.5  | 34     | 78     | 198    | 3.24   | < 10   | < 1    | 0.28   | < 10   | 1.58 | 390    | < 1    |
| 935068 | 205 273   | 1.4              | 2.20 | < 2    | 20     | < 0.5  | 6      | 2.05 | 1.0    | 220    | 25     | 3690   | 6.33   | < 10   | < 1    | 0.05   | < 10   | 0.77 | 175    | < 1    |
| 935069 | 205 273   | 1.2              | 1.05 | < 2    | < 10   | < 0.5  | < 2    | 0.88 | < 0.5  | 851    | 6      | 3060   | >15.00 | < 10   | < 1    | 0.02   | < 10   | 0.51 | 135    | 2      |
| 935070 | 205 273   | 1.0              | 1.75 | 6      | 30     | < 0.5  | < 2    | 1.71 | < 0.5  | 253    | 14     | 3310   | 6.57   | < 10   | < 1    | 0.07   | < 10   | 0.55 | 185    | 2      |
| 935071 | 205 273   | < 0.2            | 3.21 | < 2    | 90     | < 0.5  | < 2    | 2.11 | < 0.5  | 27     | 119    | 122    | 3.96   | < 10   | < 1    | 0.10   | < 10   | 2.65 | 500    | < 1    |
| 935072 | 205 273   | 0.8              | 2.33 | 4      | 10     | < 0.5  | < 2    | 2.63 | 1.0    | 541    | 22     | 2350   | 13.90  | 10     | < 1    | 0.06   | < 10   | 0.61 | 190    | 2      |
| 935073 | 205 273   | 0.6              | 2.00 | 4      | 30     | < 0.5  | < 2    | 2.37 | < 0.5  | 110    | 10     | 2470   | 3.96   | < 10   | < 1    | 0.06   | < 10   | 0.48 | 165    | < 1    |
| 935074 | 205 273   | 2.6              | 1.67 | < 2    | 10     | < 0.5  | < 2    | 1.39 | 2.0    | 423    | 8      | 6610   | 11.45  | < 10   | < 1    | 0.01   | < 10   | 0.69 | 180    | < 1    |
| 935075 | 205 273   | 0.8              | 1.46 | 4      | 20     | < 0.5  | < 2    | 1.07 | < 0.5  | 233    | 9      | 2600   | 7.27   | < 10   | < 1    | 0.06   | < 10   | 0.69 | 205    | 2      |
| 935076 | 205 273   | 1.8              | 3.09 | 22     | 10     | < 0.5  | < 2    | 3.00 | 0.5    | 169    | 10     | 3890   | 5.39   | < 10   | < 1    | < 0.01 | < 10   | 0.84 | 255    | 1      |
| 935077 | 205 273   | 0.8              | 1.81 | < 2    | 10     | < 0.5  | < 2    | 1.79 | < 0.5  | 96     | 9      | 2460   | 4.06   | < 10   | < 1    | 0.03   | < 10   | 0.76 | 215    | < 1    |
| 935078 | 205 273   | 0.4              | 3.64 | < 2    | < 10   | < 0.5  | < 2    | 4.33 | < 0.5  | 148    | 10     | 1505   | 3.61   | < 10   | < 1    | < 0.01 | < 10   | 0.83 | 230    | < 1    |
| 935079 | 205 273   | 0.6              | 1.35 | < 2    | 50     | < 0.5  | < 2    | 2.28 | < 0.5  | 142    | 10     | 1435   | 4.76   | < 10   | < 1    | 0.01   | < 10   | 0.77 | 265    | 1      |
| 935080 | 205 273   | 0.6              | 1.12 | < 2    | 30     | < 0.5  | < 2    | 3.52 | 0.5    | 190    | 42     | 1160   | 5.58   | < 10   | < 1    | 0.02   | < 10   | 1.05 | 445    | 1      |
| 935081 | 205 273   | 1.8              | 2.71 | 34     | 40     | < 0.5  | < 2    | 4.62 | 2.0    | 225    | 37     | 884    | 5.56   | < 10   | < 1    | 0.01   | < 10   | 1.96 | 580    | 1      |
| 935082 | 205 273   | 4.6              | 2.07 | 190    | < 10   | < 0.5  | 4      | 6.57 | < 0.5  | 451    | 32     | 507    | 10.35  | 10     | < 1    | < 0.01 | < 10   | 1.55 | 730    | < 1    |
| 935083 | 205 273   | 1.4              | 2.34 | 22     | 10     | < 0.5  | < 2    | 5.17 | 0.5    | 222    | 30     | 558    | 6.16   | 10     | < 1    | < 0.01 | < 10   | 1.34 | 440    | < 1    |
| 935084 | 205 273   | 0.4              | 0.57 | < 2    | 20     | < 0.5  | < 2    | 1.09 | < 0.5  | 74     | 17     | 624    | 4.09   | < 10   | < 1    | < 0.01 | < 10   | 0.28 | 205    | 4      |
| 935085 | 205 273   | 2.0              | 1.70 | < 2    | 10     | < 0.5  | < 2    | 2.26 | < 0.5  | 105    | 63     | 1110   | 4.53   | < 10   | < 1    | 0.01   | < 10   | 0.66 | 265    | 1      |
| 935086 | 205 273   | 2.4              | 3.41 | 4      | < 10   | < 0.5  | < 2    | 3.58 | < 0.5  | 188    | 228    | 131    | 5.45   | < 10   | < 1    | < 0.01 | < 10   | 1.39 | 400    | < 1    |
| 935087 | 205 273   | < 0.2            | 3.05 | 28     | < 10   | < 0.5  | 2      | 3.22 | 1.0    | 32     | 179    | 42     | 1.95   | < 10   | < 1    | < 0.01 | < 10   | 1.40 | 370    | < 1    |
| 935088 | 205 273   | 0.2              | 3.78 | 18     | < 10   | < 0.5  | < 2    | 7.28 | 2.0    | 54     | 344    | 156    | 2.78   | 10     | < 1    | < 0.01 | < 10   | 2.40 | 660    | < 1    |
| 935089 | 205 273   | 0.2              | 3.62 | 36     | < 10   | < 0.5  | 2      | 6.04 | < 0.5  | 98     | 281    | 77     | 3.33   | 10     | < 1    | < 0.01 | < 10   | 2.02 | 560    | < 1    |
| 935090 | 205 273   | 1.2              | 3.36 | 38     | < 10   | < 0.5  | 2      | 3.98 | 1.5    | 130    | 230    | 221    | 3.95   | 10     | < 1    | < 0.01 | < 10   | 1.76 | 435    | < 1    |
| 935091 | 205 273   | 0.4              | 2.88 | 120    | < 10   | < 0.5  | < 2    | 2.69 | < 0.5  | 227    | 162    | 65     | 4.93   | < 10   | < 1    | < 0.01 | < 10   | 1.18 | 295    | < 1    |
| 935092 | 205 273   | < 0.2            | 3.24 | 12     | < 10   | < 0.5  | < 2    | 3.85 | < 0.5  | 28     | 113    | 12     | 1.59   | < 10   | < 1    | < 0.01 | < 10   | 1.07 | 250    | < 1    |
| 935093 | 205 273   | < 0.2            | 3.38 | 24     | 10     | < 0.5  | < 2    | 4.26 | < 0.5  | 17     | 88     | 4      | 1.34   | < 10   | < 1    | 0.01   | < 10   | 1.35 | 265    | < 1    |

CERTIFICATION:

*Hart Bichler*



# Chemex Labs Ltd.

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

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project: CANALASK  
Comments:

Page: 1-B  
Total Pages: 1  
Certificate Date: 24-NOV-94  
Invoice No.: I9430748  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

A9430748

| 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 |
|--------|-----------|------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| 935065 | 205 273   | 0.01 | 159    | 90    | < 2    | 6      | 3      | 10     | 0.05 | < 10   | < 10  | 37    | < 10  | 252    |
| 935066 | 205 273   | 0.02 | 253    | 80    | < 2    | < 2    | 1      | 15     | 0.05 | < 10   | < 10  | 24    | < 10  | 236    |
| 935067 | 205 273   | 0.06 | 91     | 320   | < 2    | < 2    | 3      | 30     | 0.09 | < 10   | < 10  | 83    | < 10  | 46     |
| 935068 | 205 273   | 0.02 | 992    | 180   | < 2    | 2      | 1      | 8      | 0.04 | < 10   | < 10  | 26    | 10    | 76     |
| 935069 | 205 273   | 0.02 | 2430   | 40    | < 2    | < 2    | < 1    | 7      | 0.03 | < 10   | < 10  | 13    | < 10  | 46     |
| 935070 | 205 273   | 0.03 | 282    | 40    | < 2    | < 2    | < 1    | 9      | 0.06 | < 10   | < 10  | 20    | < 10  | 106    |
| 935071 | 205 273   | 0.09 | 95     | 590   | < 2    | < 2    | 4      | 40     | 0.16 | < 10   | < 10  | 119   | < 10  | 44     |
| 935072 | 205 273   | 0.02 | 317    | 160   | < 2    | 8      | 2      | 13     | 0.06 | < 10   | < 10  | 25    | < 10  | 98     |
| 935073 | 205 273   | 0.03 | 87     | 380   | < 2    | < 2    | < 1    | 11     | 0.04 | < 10   | < 10  | 17    | < 10  | 102    |
| 935074 | 205 273   | 0.02 | 1150   | 130   | < 2    | < 2    | < 1    | 8      | 0.04 | < 10   | < 10  | 20    | 20    | 434    |
| 935075 | 205 273   | 0.03 | 2080   | 220   | < 2    | < 2    | < 1    | 8      | 0.05 | < 10   | < 10  | 22    | < 10  | 54     |
| 935076 | 205 273   | 0.02 | 1820   | 490   | < 2    | < 2    | 1      | 9      | 0.05 | < 10   | < 10  | 33    | < 10  | 104    |
| 935077 | 205 273   | 0.02 | 1455   | 280   | < 2    | < 2    | < 1    | 9      | 0.05 | < 10   | < 10  | 29    | < 10  | 56     |
| 935078 | 205 273   | 0.02 | 2410   | 190   | < 2    | < 2    | 1      | 11     | 0.06 | < 10   | < 10  | 32    | < 10  | 72     |
| 935079 | 205 273   | 0.03 | 2410   | 380   | < 2    | < 2    | < 1    | 19     | 0.06 | < 10   | < 10  | 26    | < 10  | 40     |
| 935080 | 205 273   | 0.06 | 2250   | 280   | < 2    | < 2    | 3      | 40     | 0.11 | < 10   | < 10  | 70    | < 10  | 150    |
| 935081 | 205 273   | 0.04 | 5250   | 130   | < 2    | < 2    | 3      | 42     | 0.08 | < 10   | < 10  | 65    | < 10  | 538    |
| 935082 | 205 273   | 0.01 | >10000 | 60    | < 2    | < 2    | 3      | 54     | 0.05 | < 10   | < 10  | 55    | < 10  | 132    |
| 935083 | 205 273   | 0.02 | 4660   | 160   | < 2    | 2      | 2      | 45     | 0.08 | < 10   | < 10  | 46    | < 10  | 144    |
| 935084 | 205 273   | 0.06 | 996    | 130   | < 2    | < 2    | < 1    | 19     | 0.12 | < 10   | < 10  | 15    | < 10  | 20     |
| 935085 | 205 273   | 0.04 | 1660   | 440   | < 2    | < 2    | 2      | 17     | 0.11 | < 10   | < 10  | 34    | < 10  | 34     |
| 935086 | 205 273   | 0.03 | 5280   | 50    | < 2    | < 2    | 6      | 17     | 0.11 | < 10   | < 10  | 77    | < 10  | 152    |
| 935087 | 205 273   | 0.03 | 518    | 60    | < 2    | < 2    | 4      | 14     | 0.09 | < 10   | < 10  | 63    | < 10  | 224    |
| 935088 | 205 273   | 0.01 | 701    | 550   | 12     | 6      | 7      | 58     | 0.13 | < 10   | < 10  | 103   | < 10  | 502    |
| 935089 | 205 273   | 0.02 | 1220   | 610   | 38     | 2      | 6      | 46     | 0.10 | < 10   | < 10  | 80    | < 10  | 66     |
| 935090 | 205 273   | 0.02 | 1585   | 530   | 8      | 4      | 4      | 24     | 0.09 | < 10   | < 10  | 62    | < 10  | 296    |
| 935091 | 205 273   | 0.03 | 1965   | 550   | 16     | 2      | 3      | 10     | 0.07 | < 10   | < 10  | 51    | < 10  | 24     |
| 935092 | 205 273   | 0.03 | 255    | 610   | < 2    | < 2    | 3      | 15     | 0.10 | < 10   | < 10  | 62    | < 10  | 16     |
| 935093 | 205 273   | 0.03 | 135    | 60    | < 2    | < 2    | 4      | 27     | 0.11 | < 10   | < 10  | 62    | < 10  | 18     |

CERTIFICATION:

*Hart Bickler*



# Chemex Labs Ltd.

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PHONE: 604-984-0221

ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

A9429748

Comments:

## CERTIFICATE

A9429748

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 7-NOV-94.

## SAMPLE PREPARATION

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                    |
|----------------|-------------------|--------------------------------|
| 244            | 4                 | Pulp; prev. prepared at Chemex |

## ANALYTICAL PROCEDURES

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                                         | METHOD | DETECTION<br>LIMIT | UPPER<br>LIMIT |
|----------------|-------------------|-----------------------------------------------------|--------|--------------------|----------------|
| 301            | 1                 | Cu %: Reverse Aqua-Regia digest                     | AAS    | 0.01               | 100.0          |
| 321            | 3                 | Ni %: HClO <sub>4</sub> -HNO <sub>3</sub> digestion | AAS    | 0.01               | 100.0          |



# Chemex Labs Ltd.

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PHONE: 604-984-0221

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project : CANALASK  
Comments:

Page : 1  
Total Pages : 1  
Certificate Date: 07-NOV-94  
Invoice No. : I9429748  
P.O. Number :  
Account : F

## CERTIFICATE OF ANALYSIS

A9429748

| SAMPLE | PREP<br>CODE |    | Cu<br>% | Ni<br>% |  |  |  |  |  |  |  |  |
|--------|--------------|----|---------|---------|--|--|--|--|--|--|--|--|
| 934840 | 244          | -- | -----   | 2.74    |  |  |  |  |  |  |  |  |
| 934842 | 244          | -- | -----   | 1.32    |  |  |  |  |  |  |  |  |
| 934843 | 244          | -- | -----   | 1.48    |  |  |  |  |  |  |  |  |
| 934878 | 244          | -- | 1.28    | -----   |  |  |  |  |  |  |  |  |

CERTIFICATION:

*Sand Teina*



# Chemex Labs Ltd.

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

A9429810

Comments:

## CERTIFICATE

A9429810

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 7-NOV-94.

## SAMPLE PREPARATION

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                    |
|----------------|-------------------|--------------------------------|
| 244            | 3                 | Pulp; prev. prepared at Chemex |

## ANALYTICAL PROCEDURES

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                                         | METHOD | DETECTION<br>LIMIT | UPPER<br>LIMIT |
|----------------|-------------------|-----------------------------------------------------|--------|--------------------|----------------|
| 321            | 3                 | Ni %: HClO <sub>4</sub> -HNO <sub>3</sub> digestion | AAS    | 0.01               | 100.0          |



by: ARCHER CATHERO & ASSOC. (1981) LTD.

Project : CANALASK  
Comments:

Page Number : 1  
Total Pages : 1  
Certificate Date : 07-NOV-94  
Invoice No. : I9429810  
P.O. Number :  
Account : F

## A9429810

CERTIFICATION:

Sardar



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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PHONE: 604-984-0221

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

A9430739

Comments:

## CERTIFICATE

A9430739

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 17-NOV-94.

## SAMPLE PREPARATION

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                    |
|----------------|-------------------|--------------------------------|
| 244            | 1                 | Pulp; prev. prepared at Chemex |

## ANALYTICAL PROCEDURES

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                                         | METHOD | DETECTION<br>LIMIT | UPPER<br>LIMIT |
|----------------|-------------------|-----------------------------------------------------|--------|--------------------|----------------|
| 321            | 1                 | Ni %: HClO <sub>4</sub> -HNO <sub>3</sub> digestion | AAS    | 0.01               | 100.0          |



# Chemex Labs Ltd.

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to: ARCHER CATHRO & ASSOC. (1981) LTD.  
1016 - 510 W. HASTINGS ST.  
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Project : CANALASK  
Comments: ATTN: R.C. CARNE

Page : 1  
Total Pages : 1  
Certificate Date: 16-DEC-94  
Invoice No. : I9432739  
P.O. Number :  
Account : F

## CERTIFICATE OF ANALYSIS

A9432739

| SAMPLE           | PREP<br>CODE     | Ni<br>%      |  |  |  |  |  |  |  |  |  |
|------------------|------------------|--------------|--|--|--|--|--|--|--|--|--|
| 935040<br>935082 | 244 --<br>244 -- | 1.34<br>1.60 |  |  |  |  |  |  |  |  |  |

CERTIFICATION:

*Albachi*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1L8

A9432739

Comments: ATTN: R.C. CARNE

## CERTIFICATE

A9432739

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 16-DEC-94.

## SAMPLE PREPARATION

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                    |
|----------------|-------------------|--------------------------------|
| 244            | 2                 | Pulp; prev. prepared at Chemex |

## ANALYTICAL PROCEDURES

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                                         | METHOD | DETECTION<br>LIMIT | UPPER<br>LIMIT |
|----------------|-------------------|-----------------------------------------------------|--------|--------------------|----------------|
| 321            | 2                 | Ni %: HClO <sub>4</sub> -HNO <sub>3</sub> digestion | AAS    | 0.01               | 100.0          |



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PHONE: 604-984-0221

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

BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project : CANALASK  
Comments:

Page : 1  
Total Pages : 1  
Certificate Date: 17-NOV-94  
Invoice No. : 19430739  
P.O. Number :  
Account : F

## CERTIFICATE OF ANALYSIS

A9430739

| SAMPLE | PREP<br>CODE |    | Ni<br>% |  |  |  |  |  |  |  |  |
|--------|--------------|----|---------|--|--|--|--|--|--|--|--|
| 934913 | 244          | -- | 1.31    |  |  |  |  |  |  |  |  |

CERTIFICATION:

*Albion*



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A9432741

Comments: ATTN: R.C. CARNE

## CERTIFICATE

A9432741

(F ) - ARCHER CATHRO & ASSOC. (1981) LTD.

Project: CANALASK COMPOSITES  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 27-DEC-94.

## SAMPLE PREPARATION

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                                                     |
|----------------|-------------------|-----------------------------------------------------------------|
| 283<br>244     | 12<br>3           | Pulp; prepared by compositing<br>Pulp; prev. prepared at Chemex |

## ANALYTICAL PROCEDURES

| CHEMEX<br>CODE | NUMBER<br>SAMPLES | DESCRIPTION                      | METHOD     | DETECTION<br>LIMIT | UPPER<br>LIMIT |
|----------------|-------------------|----------------------------------|------------|--------------------|----------------|
| 975            | 15                | Au ppb: ICP-fluorescence package | FA-ICP-AFS | 2                  | 10000          |
| 976            | 15                | Pt ppb: ICP-Fluorescence package | FA-ICP-AFS | 5                  | 10000          |
| 977            | 15                | Pd ppb: ICP-fluorescence package | FA-ICP-AFS | 2                  | 10000          |

CERTIFICATION: John A. B. and 2e.

**APPENDIX III**  
**DIAMOND DRILL LOGS**

VNLTS = VEINLETS

MG = MEDIUM GRAINED  
VFG = VERY FINE GRAINED  
FG = FINE GRAINED

T = FOLIATION  
C = CONTACT  
B = BEDDING  
R = FRACTURE  
F = FAULT  
S = SHEAR  
LC = LOWER CONTACT  
UC = UPPER CONTACT

4-10-94

HQ

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                                                                                                                              | HOLE C94-60 | ANGLE -54               | LENGTH 203.91 N | E     | ELEV | Page 1 of 13 |  |  |  |
|------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------|-----------------|-------|------|--------------|--|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                                                        | UNIT        | STRUCT LCA              | SAMPLE NUMBER   | REC % | Ni % | Cu %         |  |  |  |
|                  | 0                | OVERBURDEN                                                                                                                                                                                                                                                                                                                                         | EVEN        |                         |                 |       |      |              |  |  |  |
| NONE             | 11.78            | BROKEN CRANGE STAINED, VFS LIGHT GREY TUFF WITH CALCIC FRACTURES                                                                                                                                                                                                                                                                                   | TUFF        |                         |                 |       |      |              |  |  |  |
| WEAK PO 5%       | 15.30            | MASSIVE TO WEAKLY BEDDED LIGHT GREY VFG TUFF WITH CALCIC MICROVEINLETS PARALLEL TO SUBPARALLEL BEDDING, 5% < 1% MICROVNLTS PY + PO + AS VEG DISSEM ALONG BEDDING, & FRACTURE COATING BLESS TO 2% (17.07 m). ALT: PATCHY ALBITIZATION RESEMBLING DIMITIZED CORDIERITE TO 5mm, WEAKLY PERVASIVE SILIC.                                               | TUFF SPOT   | 65° B                   | 934801          |       |      |              |  |  |  |
| WEAK PO 5%       | 17.24            | TUFF BX: WEAKLY BEDDED LIGHT GREY TUFF, STRONGLY FRACTURED TO CRACKLE BRECCIATED, WEAK CHLORITE ON SOME FRACTURE SURFACES, WEAK CALCIC MICROFRA. PATCHY POTASSIC ALT, WEAK PERVASIVE SILIC ALT, WHITE CLAY GOUGE IN MICRO-SHEARS NEAR BASAL CONTACT, PO + PENT TO 5% AS BX INFILL + FRACTURE COATINGS.                                             | TUFF BX     | 54° B<br>15° R<br>30° S | 934802          |       |      |              |  |  |  |
| WEAK PO 5%       | 18.38            | CHERT: LIGHT GREY TO BROWN, AMORPHOUS CHERT WITH NETWORKS CALCIC VNLTS TO 10%, USV < 5%, WITH BANDS + PATCHES POTASSIC ALT AS HALOS AROUND FRACTURES & VNLTS PY + PO, SULPHIDES ALSO FG DISS < 1%; TOTAL < 3% TO 10% FROM 19.80 m TO 19.90 m, CUT BY INTERMED TO MAFIC DYKE/SILL FROM 19.94 TO 20.01 m, WITH 4cm UPPER + 1cm LOWER CHILLED MARGINS | CHERT       |                         | 934803          |       |      |              |  |  |  |
|                  | 20.10            |                                                                                                                                                                                                                                                                                                                                                    |             | 54° C                   |                 |       |      |              |  |  |  |

K ALT = POTASSIUM ALTERATION  
 SIL ALT = SILICIC ALTERATION  
 ALB ALT = ALBITIZATION

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                                                                                                                                                                                       | HOLE 44-60 | ANGLE | LENGTH | N          | E             | ELEV  |      | Page 2 of 13 |  |
|------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|--------|------------|---------------|-------|------|--------------|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                 |            |       | UNIT   | STRUCT LCA | SAMPLE NUMBER | REC % | Ni % | Cu %         |  |
| WEAK PO 2%       | 20.10            | TUFF: LIGHT GREY TO BROWN, FG, LAP, RARE COARSER GRAINED BANDS, MASSIVE TO WEAKLY BEDDED. UPPER CONTACT IS 45° IRREGULAR, & PROBABLY CONFORMABLE (MASSIVE). BANDS OF WEAK K ALT & MODERATE SIL ALT AROUND FRACTURES DECREASE DOWN HOLE. BLEBBS & FRACTURE FILL FY, PO, CPV & DENT TO 5% (20.25) ALSO DECREASE DOWN HOLE TO 2% FG DISS TO BLEBBY PO, BUT STRONG MAG. ALB ALT AS "CORDIERITE SPOTS", 4mm, 15% |            |       | TUFF   | 45-90      | 934804        |       |      |              |  |
|                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                             |            |       | SPGT   | E          |               |       |      |              |  |
|                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                             |            |       |        | 45 UC      |               |       |      |              |  |
|                  | 20.10-20.91      | SAMPLE INTERVAL 934804                                                                                                                                                                                                                                                                                                                                                                                      |            |       |        |            |               |       |      |              |  |
|                  | 20.91-23.90      | 934805                                                                                                                                                                                                                                                                                                                                                                                                      |            |       |        |            |               |       |      |              |  |
|                  | 23.90-26.90      | 934806                                                                                                                                                                                                                                                                                                                                                                                                      |            |       |        |            |               |       |      |              |  |
| SM PO+CPV        | 24.18-24.30      | SEMI-MASSIVE PO & LESSER CPV IN STRONG SIL ALT                                                                                                                                                                                                                                                                                                                                                              |            |       |        |            |               |       |      |              |  |
|                  | 25.80-28.75      | WEAK BEDDING & RARE CHL ON FRAC, SLIGHT INCREASE IN CALCITE INLT NETWORKS                                                                                                                                                                                                                                                                                                                                   |            |       |        |            |               |       |      |              |  |
|                  | 26.90-28.75      | SAMPLE 934807                                                                                                                                                                                                                                                                                                                                                                                               |            |       |        |            |               |       |      |              |  |
| MOD PO 10%       | 28.75            | TUFF: MASSIVE TO WEAKLY BEDDED, DARK GREY, WELL FRACTURED & SHEAR. MODERATE PERVASIVE SIL ALT, WEAK ALB ALT: 2mm 5% "CORD SPOTS", HAIRLINE FRACTURES USU HEALED WITH CHL, LESSER CALCITE. REMAINS STRONGLY MAGNETIC WITH VEG DISS PO.                                                                                                                                                                       |            |       | TUFF   | 41 B       | 934808        |       |      |              |  |
|                  | 30.00-30.07      | SEMI-MASSIVE "MOTTLED REPLACEMENT", FRAC                                                                                                                                                                                                                                                                                                                                                                    |            |       |        | 20-38      |               |       |      |              |  |
|                  | 30.50-30.56      | CONTROLLED, X-CUT BEDDING, VEG PO AROUND & DYSTING WITHIN "CORD SPOTS (5mm, 25%)"                                                                                                                                                                                                                                                                                                                           |            |       |        | R          |               |       |      |              |  |
|                  | 30.80            |                                                                                                                                                                                                                                                                                                                                                                                                             |            |       |        |            |               |       |      |              |  |

| PROJECT    | CANISLASH           | CLAIM                                       | HOLE | 099-60 | ANGLE            | LENGTH   | N       | E       | ELEV | Page 3 of 13 |  |  |  |
|------------|---------------------|---------------------------------------------|------|--------|------------------|----------|---------|---------|------|--------------|--|--|--|
| VISUAL LOG | FROM-TO<br>(metres) | DESCRIPTION                                 | UNIT | STRUCT | SAMPLE<br>NUMBER | REC<br>% | Ni<br>% | Cu<br>% |      |              |  |  |  |
| TR         | 30.80               | TUFF: LIGHT GREY, WEAK TO MODERATE          | TUFF | 54 B   |                  |          |         |         |      |              |  |  |  |
| SPH        |                     | BEDDING, 0 TO 10% 4cm, 1-2cm, USU           | LAP  |        |                  |          |         |         |      |              |  |  |  |
|            |                     | IN DIFFUSE BANDS, WEAKLY DISSEMINATED TO    |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | STROMA, PATCHY & BANDED, ALL ALL, MODERATE  |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | PERV SIL ALT, 5% CHLY CALCITE FILLED        |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | MICROFRAC, WEAKLY MAG, VEG DISSEM, BLEB PO. |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | 32.52 TR BLEBS SPH & PO IN ALT BAND         |      |        |                  |          |         |         |      |              |  |  |  |
|            | 32.83-32.96         | CALCIC MG GABBRO WITH 10% BLK PO            |      | 45 C   |                  |          |         |         |      |              |  |  |  |
|            |                     | 3cm CHILLED UC, 2cm CHILLED LC,             |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | 34.80 4cm DARK BAND PO & CHL RICH,          |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | ABOVE 2cm ALB BAND WITH 1-2%                |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | BLK SPH.                                    |      |        |                  |          |         |         |      |              |  |  |  |
|            | 35.20-37.70         | WEAK PATCHY OR BANDED ISOTAXIC ALT          |      |        |                  |          |         |         |      |              |  |  |  |
|            | 35.36-35.64         | SHEAR ZONE: NO PO, SER, CHL, CENTER         |      | 51 UC  |                  |          |         |         |      |              |  |  |  |
|            |                     | 9cm MYLONIZED & STRONGLY CHL,               |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | CG PY DISSEM 1-3%.                          |      |        |                  |          |         |         |      |              |  |  |  |
|            | 37.26-37.31         | FG MAFIC SILL                               |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     |                                             |      |        |                  |          |         |         |      |              |  |  |  |
|            | 30.80-33.80         | 934809                                      |      |        |                  |          |         |         |      |              |  |  |  |
|            | 33.80-36.80         | 934810                                      |      |        |                  |          |         |         |      |              |  |  |  |
|            | 36.80-37.70         | 934811                                      |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     |                                             |      |        |                  |          |         |         |      |              |  |  |  |
| TR         | 37.70               | AGGLOMERATE: FG TO CG TUFF AGGLOMERATE      | TUFF | 43 B   |                  |          |         |         |      |              |  |  |  |
|            |                     | MASSIVE TO WEAKLY BEDDED, MED GREY, UC      | AGGL |        |                  |          |         |         |      |              |  |  |  |
|            |                     | 5cm CALCITE SUPPORTED BX WITH <1%           |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | MG PY. CALCITE >> CHL IN FRACTURES 5-15%    |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | UNIT RAPIDLY FINES DOWN HOLE, WEAKLY        |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | MAGNETIC, PO AS FG NICH & BLEBS USU         |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | FRAC CONTROLLED, SUBPARALLEL FAULTS         |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | UP TO 10cm DISPLACEMENT.                    |      |        |                  |          |         |         |      |              |  |  |  |
|            | 37.70-40.70         | 934812                                      |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     |                                             |      |        |                  |          |         |         |      |              |  |  |  |
|            | 41.04               | GRADATIONAL CONTACT - TAKEN AT              |      |        |                  |          |         |         |      |              |  |  |  |
|            |                     | CHANGE OF ALT                               |      |        |                  |          |         |         |      |              |  |  |  |

| PROJECT CANALASK  |                  | CLAIM                                                                                                                                                                                                                                                                                                             | HOLE C94-60 | ANGLE       | LENGTH     | N                     | E     | ELEV |      | Page 4 of 13 |  |  |
|-------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|------------|-----------------------|-------|------|------|--------------|--|--|
| VISUAL LOG        | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                       |             | UNIT        | STRUCT LCA | SAMPLE NUMBER         | REC % | Ni % | Cu % |              |  |  |
| WEAK PO+CPY       | 41.04            | SPOTTED & BANDED TUFF: FG TO MG, MED & LIGHT GREY VAGUE BANDING, LAPILLI 0-4%, CALCIC UNITS & FRACTURES 5-10%, PATCHY BANDED & SPOTTED ALB ALT. WEAK TO MOD, PBY TO BANDED SH ALT. MINOR CHL ON FRAC, VEG DISS PO CONC IN HARVER BANDS, COARSER GRAINED, BLENNY WITH MINOR CPY WITHIN FRACTURES IN LIGHTER BANDS. |             | TUFF SPAND  | 42-50 B    | 934813 40.70 to 43.70 |       |      |      |              |  |  |
|                   |                  |                                                                                                                                                                                                                                                                                                                   |             |             |            | 934814 43.70-46.70    |       |      |      |              |  |  |
|                   | 41.73-41.91      | CHILLED ALT GABBRO? CREAM TO LIGHT GREEN, SER, CHL, WITH TR SPH, NON MAG, BUT 10-20% PO IMMED ABOVE UC                                                                                                                                                                                                            |             |             |            | 934815 46.70-         |       |      |      |              |  |  |
|                   | 46.35-46.67      | SHEAR ZONE: PROTOMYLONITE, SER >> CHL LATER CALCITE AHASTOMOSING VNLTs, TR PY                                                                                                                                                                                                                                     |             | SZ          | 55 S       | 48.06                 |       |      |      |              |  |  |
| MOD PO+PY CPY 15% | 48.06            | CHILLED GABBRO: LIGHT GREEN, VEG, WEAKLY FOLIATED, WITH FRAGMENTS OF STRONGLY ALT TUFF 5%, VEG & BLEBS PO ALONG FOL 5%, FRACTURE CONTROLLED SEAMS & PODS 15% WITH MINOR CPY & PY CONTACTS FRACTURED.                                                                                                              |             | GABBR CHILL | 40 T       | 934816 48.06-50.32    |       |      |      |              |  |  |
|                   | 50.32            |                                                                                                                                                                                                                                                                                                                   |             |             |            |                       |       |      |      |              |  |  |
| WEAK              | 50.32            | CHERT: LIGHT GREY TO LIGHT GREY BROWN IN MORE ALTERED SECTIONS, VEG TO AMORPHOUS, NETWORKS OF AMORPHOUS WHITE CALCITE MICRO-VNLTs & VNLTs 5-15%, MASSIVE, VAGUE BEDDING AT 52.80, ERRATIC DUSTING OF VEG PO & TR CPY, TOTAL < 1% BROWN CHERT HAS STRONGER ALB ALT & HIGHER DENSITY OF BLEACHED MICRO FRACTURES.   |             | CHERT       |            |                       |       |      |      |              |  |  |
|                   |                  |                                                                                                                                                                                                                                                                                                                   |             |             | 60° B      |                       |       |      |      |              |  |  |
|                   | 54.73-54.75      | 52.12 SMALL BLEBS PENT MASSIVE PO IN AMORPHOUS CALCITE VEIN, PY SELVAGES                                                                                                                                                                                                                                          |             |             |            |                       |       |      |      |              |  |  |
|                   | 55.18-55.25      | FAULT GOUGE                                                                                                                                                                                                                                                                                                       |             | FLT         | 62° F      |                       |       |      |      |              |  |  |

| PROJECT CANALASK |                  | CLAIM                                    | HOLE C94-60 | ANGLE | LENGTH | N       | E             | ELEV  | Page 5 of 13 |      |  |  |
|------------------|------------------|------------------------------------------|-------------|-------|--------|---------|---------------|-------|--------------|------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                              |             |       | UNIT   | STRUCT  | SAMPLE NUMBER | REC % | Ni %         | Cu % |  |  |
|                  | 50.32            | CHERT CONT                               |             |       | CHERT  |         |               |       |              |      |  |  |
|                  | 51.45-51.48      | "QTZ SAND LENSES": REYTLIZED SOLN BX     |             |       |        |         |               |       |              |      |  |  |
|                  | 51.71-51.77      | SUBANG TO BOUND CHERT & REYTLIZED QTZ    |             |       |        |         |               |       |              |      |  |  |
|                  | 52.03-52.05      | GRAINE 1-4mm ~ 10% WITH INCLUSIONS       |             |       |        |         |               |       |              |      |  |  |
|                  | 52.70-52.75      | OF SULPHIDE, SOME LENSES HAVE GYER-      |             |       |        |         |               |       |              |      |  |  |
|                  | 53.14-53.20      | GROWTH OF ALB ON GRAINS. LENSES ARE      |             |       |        |         |               |       |              |      |  |  |
|                  | 53.39-53.45      | USU FG PO & CALCITE MATRIX SUPPORTED,    |             |       |        |         |               |       |              |      |  |  |
|                  | 54.41-54.47      | WITH ASSOC INCLUSIONS OF PY, PO, & CPY   |             |       |        |         |               |       |              |      |  |  |
|                  |                  | ALONG BLEACHED HAIRLINE FRACTURES        |             |       |        |         |               |       |              |      |  |  |
|                  | 50.32-53.32      | 934817                                   |             |       |        |         |               |       |              |      |  |  |
|                  | 53.32-55.67      | 934818                                   |             |       |        |         |               |       |              |      |  |  |
|                  | 55.53-55.67      | CONTACT ZONE: TAN, MASSIVE & CUT BY      |             |       |        | ~90° C  |               |       |              |      |  |  |
|                  |                  | WHITE AMORPHOUS CALCITE VNLTs, CRACK     |             |       |        |         |               |       |              |      |  |  |
|                  |                  | STAINING ON FRAC, ROUGHLY 1. TO 1.5      |             |       |        |         |               |       |              |      |  |  |
| MOD              | 55.67            | GABRO: VFG, LIGHT & DARK GREEN MOTTLED,  |             |       | GABRO  |         |               |       |              |      |  |  |
| PO               |                  | COMPETENT, APPEARS WEAKLY BX BY PO & CHL |             |       | LT     |         |               |       |              |      |  |  |
| 15%              |                  | RICH, GREEN BLACK FRACTURES, 5-15%.      |             |       |        |         |               |       |              |      |  |  |
|                  |                  | CALCIC VNLTs < 5%, TR PY IN SOME         |             |       |        |         |               |       |              |      |  |  |
|                  |                  | FRAC, PO ALSO AS BLEBS TO 4x2 cm.        |             |       |        |         |               |       |              |      |  |  |
|                  | 55.67-58.67      | 934819                                   |             |       |        |         |               |       |              |      |  |  |
|                  | 58.67-61.67      | 934820                                   |             |       |        |         |               |       |              |      |  |  |
|                  | 61.67-64.67      | 934821                                   |             |       |        |         |               |       |              |      |  |  |
|                  | 64.67-67.67      | 934822                                   |             |       |        |         |               |       |              |      |  |  |
|                  | 67.67-70.36      | 934823                                   |             |       |        |         |               |       |              |      |  |  |
|                  | 63.76-65.56      | FG INTERVAL                              |             |       |        |         |               |       |              |      |  |  |
|                  | 70.36-71.20      | 934824 CONTACT ZONE: EP & CALCITE RICH,  |             |       |        | ~90° UC |               |       |              |      |  |  |
|                  |                  | SHARP DECREASE IN SULPHIDE, FRAGMENTS OF |             |       |        | ~50° LC |               |       |              |      |  |  |
|                  |                  | TUFF                                     |             |       |        |         |               |       |              |      |  |  |
|                  | 71.20            |                                          |             |       |        |         |               |       |              |      |  |  |

| PROJECT CANALASK CLAIM |                  | HOLE C94-60                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ANGLE          | LENGTH | N             | E     | ELEV | Page 6 of 13 |  |  |  |
|------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|---------------|-------|------|--------------|--|--|--|
| VISUAL LOG             | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | UNIT           | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu %         |  |  |  |
| MOD PO                 | 71.20            | "SPOTTED & BANNED" TUFF: VEG TO MG LIGHT GREY TO GREEN TO GREEN BROWN MASSIVE TO MOD BEDDED LAPILLI (0-40%) TUFF, SPOTTED TUFF: USU COARSER GR, LIGHT GREY ALB ALT SPOTS TO 20% IN GREEN & BROWN, MASSIVE, WEAKLY MIN WITH VEG PO IN DARKER PATCHES, + BLEBS FRAC CONTROLLED FOR PY, USU PARALLEL TO SUB-P TO LCA, PALE CALCITE VNLTs, "BANNED" TUFF: FINE GR, FINE OR NO LAP, BEDDED; ALB, CHL & SIL ALT AS VARICOLOURED BANDS PARALLEL BEDDING WITH STRONGER PO MIN TO 20%. | TUFF LAP SPAND |        |               |       |      |              |  |  |  |
|                        | 71.20-74.20      | 934825                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |        |               |       |      |              |  |  |  |
|                        | 74.20-77.20      | 934826                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |        |               |       |      |              |  |  |  |
|                        | 77.20-80.20      | 934827                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |        |               |       |      |              |  |  |  |
|                        | 80.20-83.20      | 934828                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |        |               |       |      |              |  |  |  |
|                        | 82.00-82.10      | 8cm TRUE WIDTH SEMIMASSIVE PO 30% + PY 2% IN ALB CHL VN BX, WITH 2cm WIDE BLEACHED HALOS                                                                                                                                                                                                                                                                                                                                                                                      |                | 52° C  |               |       |      |              |  |  |  |
|                        | 88.58            | KNIFE EDGE GRAPHITE & PY FILLED FAULT                                                                                                                                                                                                                                                                                                                                                                                                                                         |                | 54° F  |               |       |      |              |  |  |  |
| TR                     | 88.86-99.27      | SPOTTED TUFF: STRONG PERVASIVE SIL ALT, ALB ALT SPOTS 30-40%, SULPHIDE MIN <1% + ONLY IN RARE BANDS & FRAC, CALCIC FRACTURES <<1%, PALE PINK DUSTINGS OF RETROGRADE K(?) ALT 0.5-1mm, 1-3%, DECREASED OUT BY 9% m                                                                                                                                                                                                                                                             |                |        |               |       |      |              |  |  |  |
|                        | 83.20-86.20      | 934829                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |        |               |       |      |              |  |  |  |
|                        | 86.20-88.86      | 934830                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |        |               |       |      |              |  |  |  |
|                        | 88.86-91.86      | 934831                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |        |               |       |      |              |  |  |  |
|                        | 91.86-94.86      | 934832                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |        |               |       |      |              |  |  |  |
|                        | 94.86-97.86      | 934833                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |        |               |       |      |              |  |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                  | HOLE C94-60 | ANGLE | LENGTH   | N             | E     | ELEV | Page 7 of 13 |  |  |
|------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|----------|---------------|-------|------|--------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                            |             | UNIT  | STRUCT   | SAMPLE NUMBER | REC % | Ni % | Cu %         |  |  |
|                  |                  | SPOTTED TUFF CONT                                                                                                                                                                                                      |             | TUFF  |          |               |       |      |              |  |  |
|                  | 96.62-97.01      | 3cm DIA ALB SPOTS IN MASSIVE DARK GREY MATRIX                                                                                                                                                                          |             | LAP   |          |               |       |      |              |  |  |
|                  | 97.86-99.27      | 934834 DECREASE IN STRONG SIL ALT TO WEAK, ALB SPOTS FADE                                                                                                                                                              |             |       |          | 934834        |       |      |              |  |  |
| MOD              | 99.27-101.05     | 934835 VAGUE "SPOTTED & Banded" TUFF                                                                                                                                                                                   |             |       |          | 934835        |       |      |              |  |  |
| PO               |                  | WEAK SIL + ALB ALT, GREEN GREY, SLOW INCREASE IN FRACTURING WITH MINOR CALCITE INFILL, REPLACEMENT MIN OF PO & PY TO 15%                                                                                               |             |       |          |               |       |      |              |  |  |
| PY               |                  | 101.05-102.20 DARK GREEN GREY, NO SPOTS, VAGUE BANDS, STRONGLY FRACTURED TO WEAKLY BX, REPL PO >> PY TO 20% PYROBIT ON ERAC                                                                                            |             |       |          | 934836        |       |      |              |  |  |
| 15%              |                  | 101.05-101.18 SEMIMASSIVE PO 50%, CUT BY LATER PY FILLED MICROVNLTs.                                                                                                                                                   |             |       |          |               |       |      |              |  |  |
|                  | 102.20-102.70    | DARK GREEN GREY TO BLACK, STRONGLY BRECCIATED WITH REPL PO IN MATRIX & CLASTS 10-20%, PYROB.                                                                                                                           |             |       |          | 934837        |       |      |              |  |  |
|                  | 102.70-103.93    | AS 101.05-102.20                                                                                                                                                                                                       |             |       |          | 934838        |       |      |              |  |  |
| TR               | 103.93           | ARGILLITE: BLACK, MASSIVE TO WEAKLY BEDDED, DISSE PY & PO TO 3%, PARTINGS PARALLEL LCA & CALCITE FILLED, LOCAL CALCITE VN BX TO 2cm. UC APPEARS UNCONFORMABLE BUT OBSERVED BY VN BX & BROKEN CORE, LC SLIGHTLY CONFORM |             | ARG   | 50-60° B | 934839        |       |      |              |  |  |
|                  |                  |                                                                                                                                                                                                                        |             |       | 48 UC    |               |       |      |              |  |  |
|                  |                  |                                                                                                                                                                                                                        |             |       | 68 LC    |               |       |      |              |  |  |
| MOD              | 104.58           | SPOTTED & Banded TUFF: LIGHT GREY TO DARK BROWN GREY, ALB SPOTS & SIL + CHL BANDS OVERLAP, PY & PO 2-15% DOMINANT IN BANDS, ALSO AS REPL AROUND & WITHIN SPOTS, Banded INT USV MORE BY.                                |             | TUFF  | 52° B    |               |       |      |              |  |  |
| PY PO            |                  | MG, LOCAL LAPILLI GHOSTS, MASSIVE TO WEAKLY BEDDED.                                                                                                                                                                    |             | LAP   |          |               |       |      |              |  |  |
| 15%              |                  |                                                                                                                                                                                                                        |             | SPAND |          |               |       |      |              |  |  |
|                  | 104.58-106.03    |                                                                                                                                                                                                                        |             |       |          | 934840        |       |      |              |  |  |
|                  | 105.73-106.03    | MOD BX, PY > PO                                                                                                                                                                                                        |             |       |          |               |       |      |              |  |  |
|                  | 106.03-108.37    |                                                                                                                                                                                                                        |             |       |          | 934841        |       |      |              |  |  |
|                  | 107.30-107.53    | GREEN, DECREASED ALT                                                                                                                                                                                                   |             |       |          |               |       |      |              |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                                                                                                                                                                              | HOLE C94-60 | ANGLE      | LENGTH         | N             | E     | ELEV | Page 8 of 13 |  |  |
|------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|----------------|---------------|-------|------|--------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                        |             | UNIT       | STRUCT         | SAMPLE NUMBER | REC % | Ni % | Cu %         |  |  |
|                  | 104.58           | SPOTTED 4-BANDED TUFF CONT                                                                                                                                                                                                                                                                                                                                                                         |             | TUFF       |                |               |       |      |              |  |  |
|                  | 108.37-110.22    | MOD TO STRONG BX, SER + CHL ALT, PY & PO AS REPL + FRAC FILL 2-20%, MINOR CALCITE VNS.                                                                                                                                                                                                                                                                                                             |             | LAP        |                | 934842        |       |      |              |  |  |
|                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                    |             | STAND      |                |               |       |      |              |  |  |
| MOD              | 110.22           | SPOTTED TUFF: MG, BLUE GREY MATRIX, COALESCING ALB SPOTS 30-60% WITH PINK PHLOG ALT OVERPRINT (NOTE: NOT THE PINK KSPAR ALT) LOCAL RADATING PHLOG & MUSC WITH HIGHER CONC SULPH. PO & PY AS REPL BLOBS AROUND SPOTS, RARELY WITHIN. TOTAL SULPH 5-20%                                                                                                                                              |             | TUFF       | 42° B          |               |       |      |              |  |  |
| PO PY            |                  |                                                                                                                                                                                                                                                                                                                                                                                                    |             | SPOT       |                |               |       |      |              |  |  |
| 15%              |                  |                                                                                                                                                                                                                                                                                                                                                                                                    |             | POT        |                |               |       |      |              |  |  |
|                  | 113.78-114.04    | SHEARED, BX, STRONG CHL ALT, WITH                                                                                                                                                                                                                                                                                                                                                                  |             |            |                |               |       |      |              |  |  |
|                  | 114.30-114.64    | LOCAL PHLOG & BIO FEATHERS AROUND CLASTS. FRACTURE FILL PO & PY, WITH CG PY IN CALCITE VN BX                                                                                                                                                                                                                                                                                                       |             |            |                |               |       |      |              |  |  |
|                  | 117.60-118.03    | VFG, GREEN, BANDED, 10-20% PO & PY IN BANDS & X-CUT FRAC                                                                                                                                                                                                                                                                                                                                           |             |            | 30° B<br>15° C |               |       |      |              |  |  |
|                  | 110.22-113.22    |                                                                                                                                                                                                                                                                                                                                                                                                    |             |            |                | 934843        |       |      |              |  |  |
|                  | 113.22-116.22    |                                                                                                                                                                                                                                                                                                                                                                                                    |             |            |                | 934844        |       |      |              |  |  |
|                  | 116.22-118.03    |                                                                                                                                                                                                                                                                                                                                                                                                    |             |            |                | 934845        |       |      |              |  |  |
|                  | 118.03-119.83    | LC 30cm TO 50% PO & PY                                                                                                                                                                                                                                                                                                                                                                             |             |            |                | 934846        |       |      |              |  |  |
| TR               | 119.83           | GABBRO: UPPER CHILLED CONTACT, 20cm LIGHT GREY WITH GREEN FLECKS, CHL + SER ALT PHENOS, FSPAR TO 1mm. BULK OF GABBRO IS VFG TO FG WITH SUBTLE TEXTURAL DIFF FROM SPOTTED TUFF: MATRIX IS MORE BIO, CHL + CALC RICH, REFINED PHENOS, FSPAR PARTIALLY SER ALT, ALB SPOTS ARE MORE PHLOG & CHL RICH, WEAR FRAC MIN WITH PO IN CALC RICH BX INT & CG PY DISC ON FRAC SURFACES. TOTAL SULPHIDES TR - 2% |             | GABBRO ALT |                |               |       |      |              |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                      | HOLE 094-60 | ANGLE | LENGTH | N      | E             | ELEV  | Page 9 of 13 |      |  |  |
|------------------|------------------|------------------------------------------------------------------------------------------------------------|-------------|-------|--------|--------|---------------|-------|--------------|------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                |             |       | UNIT   | STRUCT | SAMPLE NUMBER | REC % | Ni %         | Cu % |  |  |
|                  | 119.83           | GABBRO CONT                                                                                                |             |       | GABBRO |        |               |       |              |      |  |  |
|                  | 119.83-122.83    |                                                                                                            |             |       | ALT    |        | 934847        |       |              |      |  |  |
|                  | 122.83-125.83    |                                                                                                            |             |       |        |        | 934848        |       |              |      |  |  |
|                  | 125.83-128.83    |                                                                                                            |             |       |        |        | 934849        |       |              |      |  |  |
|                  | 128.83-131.20    |                                                                                                            |             |       |        |        | 934850        |       |              |      |  |  |
|                  | 131.20-132.91    |                                                                                                            |             |       |        |        | 934851        |       |              |      |  |  |
|                  | 127.56-128.15    | BLEACHED, PATCHY SIL ALT, SHEARED, CALCITE VEINING                                                         |             |       |        |        |               |       |              |      |  |  |
|                  | 129.91-130.01    | QTZ CARB VN BX                                                                                             |             |       |        |        |               |       |              |      |  |  |
|                  | 130.58-130.88    | SIL FLOODING, CARB VN BX, STRONG EP ALT ON FRAC, 2% CG EHDNAL PY                                           |             |       |        |        |               |       |              |      |  |  |
|                  | 131.20-132.91    | WEAK PATCHY SIL ALT, BLEACHED, BX, CARB FRACTURING                                                         |             |       |        |        |               |       |              |      |  |  |
| MOD PO 20%       | 132.91           | ALTERATION BRECCIA/CONTACT ZONE                                                                            |             |       | ALT    |        | 934852        |       |              |      |  |  |
|                  |                  | PINK, LIGHT GREY, GREY BROWN, & GREEN                                                                      |             |       | BX     |        | 132.91-       |       |              |      |  |  |
|                  |                  | MODERATELY SOFT, WELL SHEARED & BX                                                                         |             |       |        |        | 134.49        |       |              |      |  |  |
|                  | 132.91-133.11    | POTASSIC ALT FLOODING: PINK, MASSIVE, MOD SOFT, WITH CALCIC MICROFRAC, VVFG/AMORPHOUS, GRADES DOWNWARD TO: |             |       |        |        |               |       |              |      |  |  |
|                  | 133.11-133.64    | LIGHT PINK & LIGHT GREEN MOTTLED "HEALED BX", NETWORK CALCIC MICROFRAC.                                    |             |       |        |        |               |       |              |      |  |  |
|                  | 133.64-134.24    | GREEN CREAM ALT SPOTS IN BLUE GREY MATRIX WEAK BX, NETWORK CALCIC MICROFRAC                                |             |       |        |        |               |       |              |      |  |  |
|                  | 134.24-140.83    | STRONG BX WITH SHARPLY DISTINGUISHABLE CLASTS, GREENS, PINKS & GREYS, WELL MIN WITH REPL FO, 1-30%         |             |       |        |        |               |       |              |      |  |  |
|                  | 134.49-136.70    | 5-30% PO IN BX MATRIX, UC SHEAR ZONE                                                                       |             |       |        |        | 934853        |       |              |      |  |  |
|                  | 138.95-139.61    | SHEAR ZONE: 70% WHITE GOUGE, REMNANT BY CLASTS                                                             |             |       |        |        |               |       |              |      |  |  |
|                  | 140.12-140.26    | VFG GREEN ALT BAND "HEALED BY" WITH BLEBS PO TO 12mm DIA                                                   |             |       |        |        |               |       |              |      |  |  |
|                  | 140.26-140.52    | PINK BX, CLASTS USU ANG 2-15mm, SOME WITH FUZZY ALT RIMS, MINOR FLECKS CHL TO 2mm                          |             |       |        |        |               |       |              |      |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | HOLE C94-60 | ANGLE | LENGTH | N      | E             | ELEV  | Page 10 of 13 |      |  |  |
|------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|--------|--------|---------------|-------|---------------|------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |       | UNIT   | STRUCT | SAMPLE NUMBER | REC % | Ni %          | Cu % |  |  |
|                  | 132.91           | ALT BX CONT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |       | ALT    |        |               |       |               |      |  |  |
|                  | 136.70-139.61    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       | BY     |        | 934854        |       |               |      |  |  |
|                  | 139.61-140.52    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        | 934855        |       |               |      |  |  |
|                  | 140.52           | GRADATIONAL CONTACT ZONE: MOTTLED BY REPLACED PY GREEN & PINK AMORPHOUS BANDING, GREEN DOMINATING BY END OF INT.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |       |        |        |               |       |               |      |  |  |
|                  | 140.54-140.62    | MASSIVE PO VN BX, 6cm TRUE WIDTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |       |        |        | 64° UC        |       |               |      |  |  |
|                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        | 42° LC        |       |               |      |  |  |
| MIN ZONE         | 140.83           | BEDDED TUFF: VFG LIGHT GREYS & GREENS, & FG DARKER GREYS & GREENS. NARROW (1-3cm) BEDS, ENHANCED BY ALTERNATING INTENSITIES OF SIL & CHL BANDED ALT, WITH LOCAL REXTLZTION & MINOR INCIPIENT ALB SPOTS. MASSIVE PO BANDS UP TO 3cm T.W. PREFER DARKER, COARSER GR. INT., OCCASIONALLY WITH PATCHES DISS CPY OR PY IN MARGINS. LESS PO ALSO IN REPL LENSES TO 4cm WIDE, & PARALLEL TO X-CUT FRACTURE FILL. ALL ARE CUT ~ 90° TO BANDING BY NETWORK CHL & /or PY FILLED HAIRLINE FRAC, WITH TR CALCITE. NETWORKS LOCALLY DENSE ENOUGH TO BX BEDS, SOME WITH VISPY PY. |             |       | TUFF   |        | 50-54         |       |               |      |  |  |
| 5-20 % PO        |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       | REL.   |        | B             |       |               |      |  |  |
| +CPY             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        |               |       |               |      |  |  |
| +PY              |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        |               |       |               |      |  |  |
|                  | 140.52-143.52    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        | 934856        |       |               |      |  |  |
|                  | 143.52-146.52    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        | 934857        |       |               |      |  |  |
|                  | 146.52-149.52    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        | 934858        |       |               |      |  |  |
|                  | 149.52-151.06    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        | 934859        |       |               |      |  |  |
| MOD              | 151.06           | SILTSTONE: BLACK, MOD BEDDED, CARBONACEOUS, WEAK CALC, WITH SEAMS PY & PO, & DISS PY & PO TOTAL TO 5%. CALCIC FILLED TENSION FRACS PARA TO SUBPARA LCA. SHARP CONFORMABLE UPPER CONTACT, SLIGHTLY COARSER GR. DARK GREY LAM TO 5mm AV EVERY 20cm.                                                                                                                                                                                                                                                                                                                   |             |       | SILT   | 56-74  |               |       |               |      |  |  |
| PO CPY           |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        | B      |               |       |               |      |  |  |
| 15%              |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        |               |       |               |      |  |  |
|                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        |               |       |               |      |  |  |
|                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |       |        |        |               |       |               |      |  |  |

| PROJECT CRUISE |                  | CLAIM                                                                                                              | HOLE C94-60 | ANGLE | LENGTH | N      | E             | ELEV  |      | Page 11 of 13 |  |  |  |
|----------------|------------------|--------------------------------------------------------------------------------------------------------------------|-------------|-------|--------|--------|---------------|-------|------|---------------|--|--|--|
| MIN            |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
| VISUAL LOG     | FROM-TO (metres) | DESCRIPTION                                                                                                        |             |       | UNIT   | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu %          |  |  |  |
|                | 151.06           | SILTSTONE CONT                                                                                                     |             |       | SILT   |        |               |       |      |               |  |  |  |
| 152.1          | 152.90-153.19    | INTERBEDDED WITH GREY GREEN, FG, MASSIVE                                                                           |             |       |        |        |               |       |      |               |  |  |  |
| 153.1          | 153.79-154.49    | TO WEAKLY BEDDED, ALTERED TUFF / SILT -                                                                            |             |       |        |        |               |       |      |               |  |  |  |
| PO             | 155.58-156.15    | STONE, PATCHY & BANDED MOD CHL, WEAK                                                                               |             |       |        |        |               |       |      |               |  |  |  |
| CPY            | 156.54-156.91    | SIL ALT, DUSTINGS OF K ALT TO 1mm                                                                                  |             |       |        |        |               |       |      |               |  |  |  |
| <20%           | 157.04-157.15    | THRUOUT <1%. PREFERENTIAL PO & PY                                                                                  |             |       |        |        |               |       |      |               |  |  |  |
|                | 160.88-161.21    | MIN AS IN BEDDED TUFF, BUT SEAMS <3mm                                                                              |             |       |        |        |               |       |      |               |  |  |  |
|                | 161.59-161.74    | & TOTAL SULPH <20%, BULK OF PO AS                                                                                  |             |       |        |        |               |       |      |               |  |  |  |
|                | 163.30-163.40    | REPL WITH PATCHY CHL ALT.                                                                                          |             |       |        |        |               |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                | 161.84-161.94    | SEMI-MASSIVE PO>CPY REPL. AS ABOVE,<br>STRONGER SIL ALT                                                            |             |       |        |        |               |       |      |               |  |  |  |
|                | 163.96-164.00    |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                | 164.25-164.44    |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                | 164.09-164.16    | CRUSH FAULT IRREG, SUBPARA LCA                                                                                     |             |       |        |        |               |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                | 151.06-154.06    |                                                                                                                    |             |       |        |        | 934860        |       |      |               |  |  |  |
|                | 154.06-157.06    |                                                                                                                    |             |       |        |        | 934861        |       |      |               |  |  |  |
|                | 157.06-160.06    |                                                                                                                    |             |       |        |        | 934862        |       |      |               |  |  |  |
|                | 160.06-163.06    |                                                                                                                    |             |       |        |        | 934863        |       |      |               |  |  |  |
|                | 163.06-164.74    |                                                                                                                    |             |       |        |        | 934864        |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                | 164.44-164.74    | PROGRESSIVE INCREASE IN BX, BLEACHING &<br>CALC FRACTURING                                                         |             |       |        |        |               |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
| WEAK           | 164.74           | "GABBRO": MASSIVE, GREEN & WHITE MOTTLED,<br>STRONG SER & CHL ALT, WEAK CALC ALT,<br>PO>PY AS FRAC FILL & BLEBS 5% |             |       | GABBRO |        |               |       |      |               |  |  |  |
| PO             |                  |                                                                                                                    |             |       | ALT    |        |               |       |      |               |  |  |  |
| PY             |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
| 5%             | 164.74-164.87    | SHEARED & BX CONTACT ZONE                                                                                          |             |       |        | 60° UC |               |       |      |               |  |  |  |
|                |                  | LC IN BROKEN CORE ; UNDEFINABLE                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                | 164.74-165.54    |                                                                                                                    |             |       |        |        | 934865        |       |      |               |  |  |  |
|                | 165.54           |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
|                |                  |                                                                                                                    |             |       |        |        |               |       |      |               |  |  |  |
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| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                       | HOLE C94-60 | ANGLE    | LENGTH | N             | E     | ELEV | Page 12 of 13 |  |  |  |
|------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|--------|---------------|-------|------|---------------|--|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                 |             | UNIT     | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu %          |  |  |  |
|                  | 165.54           | BEDDED TUFF: VFG TO FG BEDS 2 TO 20mm THICK, NO DISCRIBABLE LRP. MOD CHL ALT FOLLOWS BEDDING, MOD SIL ALT MORE PERVASIVE. LOCAL ALB SPOTS, GREENS & GREYS. MINOR CALC FRAC. |             | TUFF BED | 53° B  |               |       |      |               |  |  |  |
| SM PO 30%        | 165.95-172.58    | BANDED REPL TO LOCALLY SEMI-MASSIVE PO, WITH MINOR PERIPHERAL PY. TOTAL SULPH 10-30%                                                                                        |             | MIN ZONE |        |               |       |      |               |  |  |  |
|                  | 170.80-171.94    | MASSIVE, MOTTLED WITH ALB ALT SPOTS, WITH DISS PO 5%. DUSTINGS SER ALT 3%.                                                                                                  |             |          |        |               |       |      |               |  |  |  |
|                  | 172.15-172.52    | STRONG SIL ALT                                                                                                                                                              |             |          |        |               |       |      |               |  |  |  |
|                  | 165.54-168.54    |                                                                                                                                                                             |             |          |        | 934866        |       |      |               |  |  |  |
|                  | 168.54-170.80    |                                                                                                                                                                             |             |          |        | 934867        |       |      |               |  |  |  |
|                  | 170.80-172.58    |                                                                                                                                                                             |             |          |        | 934868        |       |      |               |  |  |  |
| M PO             | 172.58-173.58    | SEMI-MASSIVE TO MASSIVE PO 80%, PERIPHERAL PY 2%, ANGULAR SILL TUFF FRAG 1-50mm                                                                                             |             |          |        | 934869        |       |      |               |  |  |  |
| SM PO 25%        | 173.58-175.54    | BANDED REPL TO LOCALLY SEMI-MASSIVE PO, WITH MINOR PERIPHERAL PY. TOTAL SULPH 10-25%. MOD TO STRONG CHL NETWORK FRAC WITH LOCAL BX                                          |             |          |        | 934870        |       |      |               |  |  |  |
| SM PO 25%        | 176.57-186.00    | BLEBS & REPLACEMENT BANDS PO 5-25% ALONG BEDDING                                                                                                                            |             |          |        |               |       |      |               |  |  |  |
|                  | 177.85-178.00    | X-CUT FRAC INJECTION VNLT'S MASSIVE PO TO 2cm WIDE                                                                                                                          |             |          |        |               |       |      |               |  |  |  |
|                  | 178.34-178.47    |                                                                                                                                                                             |             |          |        |               |       |      |               |  |  |  |
|                  | 179.93-180.00    | BAND 40% PO WITH 5% PY                                                                                                                                                      |             |          |        |               |       |      |               |  |  |  |
|                  | 181.45-181.55    | MASSIVE PO BAND, 8cm TRUE WIDTH                                                                                                                                             |             |          |        |               |       |      |               |  |  |  |
|                  | 181.88-181.92    | MASSIVE PO BAND, 3cm T.W.                                                                                                                                                   |             |          |        |               |       |      |               |  |  |  |
|                  | 175.54-178.54    |                                                                                                                                                                             |             |          |        | 934871        |       |      |               |  |  |  |
|                  | 178.54-181.45    |                                                                                                                                                                             |             |          |        | 934872        |       |      |               |  |  |  |
|                  | 181.45-184.45    |                                                                                                                                                                             |             |          |        | 934873        |       |      |               |  |  |  |
|                  | 184.45-186.00    |                                                                                                                                                                             |             |          |        | 934874        |       |      |               |  |  |  |
| TR               | 186.00-187.76    | MASSIVE, STRONG CHL ALT & REXTLZN                                                                                                                                           |             |          |        | 934875        |       |      |               |  |  |  |
|                  | 187.76-190.76    |                                                                                                                                                                             |             |          |        | 934876        |       |      |               |  |  |  |

| PROJECT CANALASK |                  | CLAIM                                    | HOLE C94-60 | ANGLE | LENGTH 203.91 | N             | E     | ELEV | Page 13 of 13 |  |  |
|------------------|------------------|------------------------------------------|-------------|-------|---------------|---------------|-------|------|---------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                              |             | UNIT  | STRUCT        | SAMPLE NUMBER | REC % | Ni % | Cu %          |  |  |
|                  | 165.54           | BEDDED TUFF CONT                         |             | TUFF  |               |               |       |      |               |  |  |
| TR               | 187.76-191.50    | PO2 PY (IE PY INCREASING)                |             | BED   |               |               |       |      |               |  |  |
|                  | 189.18-193.96    | CHL & SIL ALT PROGRESSIVELY INCREASING   |             |       |               |               |       |      |               |  |  |
|                  |                  | NETWORK FRAC & ALT MOTTLING OBSCURING    |             |       |               |               |       |      |               |  |  |
|                  |                  | BEDDING, PY INCREASING & PO INCREASING   |             |       |               |               |       |      |               |  |  |
|                  |                  | BY APPROX 191.50 PY > PO.                |             |       |               |               |       |      |               |  |  |
|                  | 190.76-192.36    |                                          |             |       |               | 934877        |       |      |               |  |  |
|                  | 192.36-193.96    |                                          |             |       |               | 934878        |       |      |               |  |  |
| TR PY            | 193.96           | GABBRO: CHILLED BLEACHED MARGIN UC       |             |       |               |               |       |      |               |  |  |
|                  |                  | 6 cm. MOTTLED BLUE GREY TO BLACK         |             |       |               |               |       |      |               |  |  |
|                  |                  | IN STRONG CHL ALT INT. FASE              |             |       |               |               |       |      |               |  |  |
|                  |                  | INTACT PHENOS AMPHIBOLE TO 11mm          |             |       |               |               |       |      |               |  |  |
|                  |                  | LONG, CHL ALT PHENOS BIG TO 5mm          |             |       |               |               |       |      |               |  |  |
|                  |                  | & POORLY DEFINED PHENOS FSPAR IN         |             |       |               |               |       |      |               |  |  |
|                  |                  | 80% MATRIX, VEG SILIC & CHL RICH,        |             |       |               |               |       |      |               |  |  |
|                  |                  | QTZ-CARB VNLTs USU PARA TO SUB PARA      |             |       |               |               |       |      |               |  |  |
|                  |                  | LCA, <5%, LOCALLY MICROFRAC BY           |             |       |               |               |       |      |               |  |  |
|                  | 195.15-195.28    | BANDED REPL PY 20%, SEMI-MASSIVE, TR     |             |       | 47° T         |               |       |      |               |  |  |
|                  |                  | PO                                       |             |       |               |               |       |      |               |  |  |
|                  | 193.96-196.96    |                                          |             |       |               | 934879        |       |      |               |  |  |
|                  | 196.96-199.96    |                                          |             |       |               | 934880        |       |      |               |  |  |
|                  |                  | VEG DISS PY TO 2%                        |             |       |               |               |       |      |               |  |  |
|                  | 199.72-199.76    | QTZ-CARB VNS, STREAKY                    |             |       | 45-52°        |               |       |      |               |  |  |
|                  | 203.12-203.16    |                                          |             |       | T             |               |       |      |               |  |  |
|                  | 202.21-203.91    | WEAK BANDS ALT CAUSING RX RIMS ON PHENOS |             |       |               |               |       |      |               |  |  |
|                  | 203.91           | EOH ACID TEST 61° UNCORRECTED            |             |       |               |               |       |      |               |  |  |
|                  |                  | DRILL SET AT 57°                         |             |       |               |               |       |      |               |  |  |
|                  |                  | RODS AT 54° BY EOH                       |             |       |               |               |       |      |               |  |  |
|                  |                  | 54° CORRECTED                            |             |       |               |               |       |      |               |  |  |



| PROJECT <u>CAMBALASK</u> |                  | CLAIM                                                                                                                                                                                                                                                                           | HOLE <u>C94-51</u> | ANGLE <u>-58</u> | LENGTH        | N     | E    | ELEV | Page <u>1</u> of <u>4</u> |  |  |  |
|--------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|---------------|-------|------|------|---------------------------|--|--|--|
| VISUAL LOG               | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                     | UNIT               | STRUCT LCA       | SAMPLE NUMBER | REC % | Ni % | Cu % |                           |  |  |  |
|                          | 0                | OVERBURDEN                                                                                                                                                                                                                                                                      | OVB                |                  |               |       |      |      |                           |  |  |  |
| TR PO                    | 6.01             | CHERT MASSIVE TO WEAKLY BEDDED GREY, WITH BLEACHED SIL ALT PATCHES & BANDS ASSOC PO FILLED MICROFRAC 1% & TR PY.                                                                                                                                                                | CHERT              | 41-51 B          |               |       |      |      |                           |  |  |  |
|                          | 11.96-12.13      | CHL RICH ALT BAND WITH 2cm THICK BAND 20% DISSEM + INJECTION FRAC PO.                                                                                                                                                                                                           |                    | 60° FOL          |               |       |      |      |                           |  |  |  |
|                          | 14.69-18.49      | INTERBEDDED (?) WITH: "PARAWACK" TEXTURED QTZ GREYWACK GREY, MASSIVE, WITH CHERT FRAG TO 4mm, ESPAR XTLS TO 5mm, SOME REPLACED WITH K ALT ROSETTES TO 9mm. TEXTURES LOCALLY DESTROYED FOR UP TO 30cm INT BY SIL FLOODING DISSEM PO 1%, WEAK CALC                                |                    |                  |               |       |      |      |                           |  |  |  |
|                          |                  | NOTE: PROBABLY CORRELATES TO CHERT UNIT IN C94-60, 50.32-55.53, WITH "QTZ SAND LENSES."                                                                                                                                                                                         |                    |                  |               |       |      |      |                           |  |  |  |
| WEAK PO 3%               | 21.40            | TUFF: VFG TO LOCALLY MG, GREY GREEN, MASSIVE TO WEAKLY BEDDED, WITH MOD CHL ALT FRAC CONTROLLED (VS BANDING) DOMINANTLY AT 90° TO BEDDING WITH LOCAL NETWORKS CAUSING WEAK BX. ALSO SPOTTED CHL ALT IN WEAK SIL ALT BANDS. FRAC CONTROLLED BLEBS & BANDS DISS PO TO 10%, AV 3%. | TUFF CHL           | 40° B            |               |       |      |      |                           |  |  |  |
|                          | 28.77-28.84      | FAULT GOUGE 40%                                                                                                                                                                                                                                                                 |                    | 47° FLT          |               |       |      |      |                           |  |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                                                        | HOLE C94-61 | ANGLE | LENGTH               | N           | E             | ELEV  | Page 2 of 4 |      |  |  |
|------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|----------------------|-------------|---------------|-------|-------------|------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                  |             |       | UNIT                 | STRUCT LCA  | SAMPLE NUMBER | REC % | Ni %        | Cu % |  |  |
| MOD PO 10%       | 30.00            | TUFF SPOTTED & BANDED, LAP 0-20%<br>MOD SIL ALT, WEAK TO MOD CHL ALT,<br>WEAK ALB SPOTS, LOCALIZED, WEAK<br>CALC ON MINOR HAIRLINE FRAC. MASSIVE TO<br>MOD BED, LOCALLY ENHANCED BY SIL ALT<br>VVFG PO DISS IN DARKER BANDS FG PO<br>IN FRAC NETWORKS, AV 5-10%, TR CPY, SPH |             |       | TUFF<br>SPAND<br>LAP | 19-38°<br>B |               |       |             |      |  |  |
|                  | 30.00-32.17      | DISSEM PO BANDS 2-5%                                                                                                                                                                                                                                                         |             |       |                      |             | 934881        |       |             |      |  |  |
|                  | 32.17-33.41      | STRONG CHL FRAC ALT 10-15% FRAC FILL PO                                                                                                                                                                                                                                      |             |       |                      |             | 934882        |       |             |      |  |  |
|                  | 33.41-36.41      | STRONG SIL ALT, DISS BLEBS PO 5%                                                                                                                                                                                                                                             |             |       |                      |             | 934883        |       |             |      |  |  |
|                  | 36.41-39.41      | 25% PO: III SEMI-MASSIVE BANDS TO 2cm<br>& REPL BLEBS                                                                                                                                                                                                                        |             |       |                      |             | 934884        |       |             |      |  |  |
|                  | 39.41-42.41      | PO DECREASING                                                                                                                                                                                                                                                                |             |       |                      |             | 934885        |       |             |      |  |  |
|                  | 42.41-44.77      | VVFG PO IN DARK BLEBS & BANDS 5%                                                                                                                                                                                                                                             |             |       |                      |             | 934886        |       |             |      |  |  |
|                  | 44.77-46.40      | LIGHT GREEN GREY SPOTTED TUFF, TR MIN.                                                                                                                                                                                                                                       |             |       |                      |             |               |       |             |      |  |  |
|                  | 46.40-49.21      | VVFG PO IN DARK BLEBS & BANDS 5-10%                                                                                                                                                                                                                                          |             |       |                      |             | 934887        |       |             |      |  |  |
|                  | 47.01-47.13      | FAULT GOUGE 80%                                                                                                                                                                                                                                                              |             |       |                      |             |               |       |             |      |  |  |
|                  |                  | 47.87 LATER STAGE SIL SER ALT OVER-<br>PRINT CONTACT ON CHL MIN ALT                                                                                                                                                                                                          |             |       |                      |             |               |       |             |      |  |  |
|                  | 42.21-54.36      | LAPILLISTONE: LAPS 40% TO 3 cm                                                                                                                                                                                                                                               |             |       |                      |             |               |       |             |      |  |  |
|                  | 54.36-55.00      | GRAD CONTACT ZONE: LAPS DISAPPEAR OR<br>FADE IN INCREASING ALB SPOT ALT                                                                                                                                                                                                      |             |       |                      |             |               |       |             |      |  |  |
|                  | 49.21-50.51      | LAPSTONE WITH VVFG PO DISS <3%, LOCAL<br>CHL FRAC ALT WITH PO 5-10%                                                                                                                                                                                                          |             |       |                      |             | 934888        |       |             |      |  |  |
|                  | 53.43-54.25      | "                                                                                                                                                                                                                                                                            |             |       |                      |             | 934889        |       |             |      |  |  |
| TR               | 55.00            | SPOTTED TUFF: MASSIVE, LIGHT GREY<br>& LIGHT GREEN GREY WITH WHITE TO BUFF<br>ALB ALT SPOTS AV 1cm, 30-50%.<br>TR BLEBS SPH, PO, PY; PO FINER<br>GR & MORE DIFFUSE, WEAK CHL & CALCIC<br>ALT ON FEW MICROFRAC.                                                               |             |       | TUFF<br>SPOT         |             |               |       |             |      |  |  |
|                  | 67.36-68.64      | GRAD CONTACT ZONE: ALB SPOTS FADE,<br>CHL ALT, FRACTURING & PO MIN<br>INCREASE                                                                                                                                                                                               |             |       |                      |             |               |       |             |      |  |  |

| PROJECT CATHALASK CLAIM |                  | HOLE C94-51                                                                                                                                                                                                                                                                              | ANGLE         | LENGTH   | N             | E     | ELEV | Page 3 of 4 |  |  |  |
|-------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|---------------|-------|------|-------------|--|--|--|
| VISUAL LOG              | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                              | UNIT          | STRUCT   | SAMPLE NUMBER | REC % | Ni % | Cu %        |  |  |  |
|                         |                  | SPOTTED TUFF CONT                                                                                                                                                                                                                                                                        |               |          |               |       |      |             |  |  |  |
|                         | 67.66-68.64      | FRAC ASSOC DISS PO 5-10%, TR SPH                                                                                                                                                                                                                                                         |               |          | 934890        |       |      |             |  |  |  |
| SEMI-MASSIVE PO 20%     | 68.64            | BEDDED TUFF: VEG, BLUE GREEN GREY TO DARK GREEN GREY, 100% TO WELL BEDDED TUFF WITH MINOR INTERBEDDED BLACK SILTSTONE, STRONGLY MIN WITH FRAC INFECT, MICROFRAC FILL & BANNED SEMI-MASSIVE PO, TR PY & CPY, FRAC GENERALLY CUT BEDDING AT ~90°, BANNED SULPH & CHL-SIL ALT ALONG BEDDING | TUFF BED      | 48-54° B |               |       |      |             |  |  |  |
|                         | 68.64-71.64      |                                                                                                                                                                                                                                                                                          |               |          | 934891        |       |      |             |  |  |  |
|                         | 71.64-74.64      |                                                                                                                                                                                                                                                                                          |               |          | 934892        |       |      |             |  |  |  |
|                         | 74.64-77.64      |                                                                                                                                                                                                                                                                                          |               |          | 934893        |       |      |             |  |  |  |
|                         | 77.64-80.64      |                                                                                                                                                                                                                                                                                          |               |          | 934894        |       |      |             |  |  |  |
|                         | 80.64-83.64      |                                                                                                                                                                                                                                                                                          |               |          | 934895        |       |      |             |  |  |  |
| MASSIVE                 | 83.64-84.43      | SEMI-MASSIVE TO MASSIVE PO+PY 50-70% AS REPL & BX INFILL FROM 83.97-84.65 REST OF INT AS BX INFILL 20-30% MIN FOLLOWS WEAK FRAC/FOL                                                                                                                                                      |               | 41° FOL  | 934896        |       |      |             |  |  |  |
|                         | 77.76-81.62      | GRAD INCREASE IN ALB SPOT                                                                                                                                                                                                                                                                |               |          |               |       |      |             |  |  |  |
|                         | 81.62-84.43      | BEDDING ESSENTIALLY DESTROYED BY SPOT ALB & POT ALT: CONTACT ZONE                                                                                                                                                                                                                        |               |          |               |       |      |             |  |  |  |
|                         | 81.62-81.69      | FAULT GOUGE 60%                                                                                                                                                                                                                                                                          |               |          |               |       |      |             |  |  |  |
| MOD PO 15%              | 84.43            | ARBITRARY UPPER CONTACT: TAKEN AT NO MORE REMNANT BEDDING OR BANDING. SPOTTED TUFF: PINKISH & WHITE MOTTLED COALESCING SPOTS TO 2cm IN A BLUE-GREY, PO RICH MATRIX, POT ALT SPOTS LOCALLY CONTAIN WISPY MUSC & PHLOG PATCHES. REPL PO 5-15%                                              | TUFF SPOT POT |          |               |       |      |             |  |  |  |

| PROJECT CANALASK |                  | CLAIM                                    | HOLE C94-61 | ANGLE | LENGTH | N      | E             | ELEV  | Page 4 of 4 |      |  |  |
|------------------|------------------|------------------------------------------|-------------|-------|--------|--------|---------------|-------|-------------|------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                              |             |       | UNIT   | STRUCT | SAMPLE NUMBER | REC % | Ni %        | Cu % |  |  |
|                  | 84.43            | K ALT SPOTTED TUFF CONT                  |             |       |        |        |               |       |             |      |  |  |
|                  | 84.43-87.43      | MIN GRAD REDUCES FROM 15% PO TO          |             |       |        |        | 934897        |       |             |      |  |  |
|                  | 87.43-90.43      | 5% PO                                    |             |       |        |        | 934898        |       |             |      |  |  |
|                  | 90.43-91.60      |                                          |             |       |        |        | 934899        |       |             |      |  |  |
|                  | 91.60-94.60      | ERRATIC BLEBS PO <1%                     |             |       |        |        | 934900        |       |             |      |  |  |
|                  | 94.60-96.70      |                                          |             |       |        |        | 934901        |       |             |      |  |  |
|                  | 92.64-94.34      | FAULT BX & GOUGE                         |             |       |        |        |               |       |             |      |  |  |
| TR               | 96.70            | TUFF ALT / SHEAR : STRONG BX TO SHEARING |             |       |        | 59-75  |               |       |             |      |  |  |
|                  |                  | IN VFG TUFF (?) WITH BANDED & VARIABLE   |             |       |        | FOL    |               |       |             |      |  |  |
|                  |                  | CHL, SIL & CALC ALT, NO POT ALT.         |             |       |        | SZ     |               |       |             |      |  |  |
|                  |                  | BLEB FRAGMENTS OF MG PO & PY.            |             |       |        |        |               |       |             |      |  |  |
|                  | 96.70-99.70      | 101.05                                   |             |       |        |        | 934902        |       |             |      |  |  |
| TR               | 102.11           | SPOTTED TUFF : MASSIVE, VFG, LIGHT       |             |       |        |        |               |       |             |      |  |  |
|                  |                  | GREY TO LIGHT BLUE GREY MATRIX WITH      |             |       |        |        |               |       |             |      |  |  |
|                  |                  | 20-40% WHITE ALB SPOTS <1 cm AV.         |             |       |        |        |               |       |             |      |  |  |
|                  |                  | TR PY                                    |             |       |        |        |               |       |             |      |  |  |
|                  | 103.48           | EOH 1315h 13-10-94                       |             |       |        |        |               |       |             |      |  |  |
|                  |                  | ACID TEST AT 45.72m -65 -59 CORRECTED    |             |       |        |        |               |       |             |      |  |  |
|                  |                  | AT 103.48m -64 -58 CORRECTED             |             |       |        |        |               |       |             |      |  |  |

COLLARED 0200h 14-10-94

| PROJECT CANALASK CLAIM |                  | HOLE C94-62                                                                                                                                                                                                                                                                                                                                                                                                                        | ANGLE 52 | LENGTH | N             | E     | ELEV |      | Page 1 of 10 |  |  |
|------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|---------------|-------|------|------|--------------|--|--|
| VISUAL LOG             | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                        | UNIT     | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu % |              |  |  |
|                        | 0                | OVERBURDEN                                                                                                                                                                                                                                                                                                                                                                                                                         |          |        |               |       |      |      |              |  |  |
| TR                     | 11.58            | TUFFACEOUS GREY/WACKES, VARIABLE SIL CHL ALT. VFS TO 0.5, 1.5-2.0, LIGHT GREY, BUFF, GREEN & PINK, SPECKLED, MOTTLED & LOCALLY BX BY VARIABLE CHL & SIL ALT. CLASTS UP TO 2cm, 1-2% & ARE SLIGHTLY LESS ALTERED THAN MATRIX CLASTS ARE DOMINANTLY ANGULAR, TO SUBROUNDED & ARE MATRIX SUPPORTED. SOME CLASTS SHOW REACTION RIMS & DIFFERENT ALTERATION OVERPRINTS. LOCAL NETWORKS OF CALC MICROVNLTs, & LESS COMMON QTZ-CARB VNLTs | WACK ALT |        |               |       |      |      |              |  |  |
|                        | 18.59-20.00      | 1-2% FRAC FILL MG PY WITH TR PO                                                                                                                                                                                                                                                                                                                                                                                                    |          |        |               |       |      |      |              |  |  |
|                        | 24.96-25.00      | 2 FAULTS WITH 20-50% GUDGE                                                                                                                                                                                                                                                                                                                                                                                                         |          | 45-90  |               |       |      |      |              |  |  |
|                        | 28.75-28.96      |                                                                                                                                                                                                                                                                                                                                                                                                                                    |          | FLT    |               |       |      |      |              |  |  |
|                        | 27.57-29.89      | STRONGER QTZ-CARB VNLT SWARMS                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |               |       |      |      |              |  |  |
|                        | 29.81-29.89      | QTZ CARB VNLT 2cm TW, WITH GREY CORE & WHITE BROAD SELVAGES, 5LB CPY 5% TR PO & SPH.                                                                                                                                                                                                                                                                                                                                               |          | 29° VN |               |       |      |      |              |  |  |
|                        | 33.17-33.53      | WHITE CALCITE VN, TR PY WEAKLY FOL SUBPARA LCA                                                                                                                                                                                                                                                                                                                                                                                     |          |        |               |       |      |      |              |  |  |
|                        | 33.53-33.58      | SHEAR ZONE                                                                                                                                                                                                                                                                                                                                                                                                                         |          |        |               |       |      |      |              |  |  |
|                        | 33.58-36.27      | STRONG SIL ALT WITH QTZ-CARB VNLTs PARA TO SUBPARA LCA, 1 PER cm DENSITY                                                                                                                                                                                                                                                                                                                                                           |          | 0-20°  |               |       |      |      |              |  |  |
|                        |                  | ALT GRAD & ERRATICALLY INCREASES DOWN HOLE, DESTROYING WACKE TEXTURES. ARBITRARY CONTACT AT START MIN & END WACKE TEXTURES.                                                                                                                                                                                                                                                                                                        |          |        |               |       |      |      |              |  |  |
|                        | 36.56            |                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |        |               |       |      |      |              |  |  |

| PROJECT CANALASK  |                  | CLAIM C94-62                                                                                                                                                                  | HOLE | ANGLE    | LENGTH   | N             | E     | ELEV | Page 2 of 10 |  |  |  |
|-------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------|---------------|-------|------|--------------|--|--|--|
| VISUAL LOG        | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                   |      | UNIT     | STRUCT   | SAMPLE NUMBER | REC % | Ni % | Cu %         |  |  |  |
| MOD PY SPH GAL PO | 36.56            | ALTERATION PRECIP: A FINE GRAINED ROCK STRONGLY BUT ERRATICALLY ALT & BX BY STREAKS & MOTTLES SIL & CALC ALT, WITH ASSOC PY, SPH & GAL. MINOR CHL ALT WITH FRAC FILL PO < 1%. |      | ALT BX   |          |               |       |      |              |  |  |  |
|                   | 36.56-39.56      | TR PO, MINOR CHL ALT, REALED, WEAK BX                                                                                                                                         |      |          |          | 934903        |       |      |              |  |  |  |
|                   | 39.56-40.80      | FRAC PY < 1% STRONGER BY 1% ALT                                                                                                                                               |      |          |          | 934904        |       |      |              |  |  |  |
|                   | 40.80-42.27      | STRONG BX & CALC SIL ALT. SEMI-MASSIVE SPH & GAL 5-10% ASSOC WITH GREY CALCITE.                                                                                               |      |          | 38° FOL  | 934905        |       |      |              |  |  |  |
|                   | 42.27            | "LIMESTONE" MOD TO STRONG CALCAREOUS (4 NOT JUST IN FRAC), MASSIVE, LIGHT GREY, WEAK MOTTLED WITH SER CHL ALT.                                                                |      | LST      |          |               |       |      |              |  |  |  |
|                   | 42.27-45.78      | ORANGE STAINER FRACTURES PARA TO SUB-PARA LCA                                                                                                                                 |      |          |          |               |       |      |              |  |  |  |
|                   | 47.29-48.25      | STRONGER SIL ALT                                                                                                                                                              |      |          |          |               |       |      |              |  |  |  |
| WEAK PY PO        | 48.25-54.53      | WEAK TO STRONG FOL, PATCHES & BANDS SER CHL SIL ALT, REPL PY & PO TO 5%                                                                                                       |      |          | 76° FOL  |               |       |      |              |  |  |  |
|                   | 53.64-54.63      | BX, BLEACHING, CALCITE VNS, LOWER CONTACT SHEARED                                                                                                                             |      |          |          |               |       |      |              |  |  |  |
|                   | 51.97-52.08      | CHL SER GABBRO                                                                                                                                                                |      |          |          |               |       |      |              |  |  |  |
|                   | 42.27-45.27      |                                                                                                                                                                               |      |          |          | 934906        |       |      |              |  |  |  |
|                   | 48.25-51.25      | PY & PO TO 5%                                                                                                                                                                 |      |          |          | 934907        |       |      |              |  |  |  |
|                   | 51.25-52.08      | PY & PO DECREASING                                                                                                                                                            |      |          |          | 934908        |       |      |              |  |  |  |
|                   | 52.08-54.63      | VYFG DISS PY                                                                                                                                                                  |      |          |          | 934909        |       |      |              |  |  |  |
| TR                | 54.63            | ALTERED TUFF / CHILLED GABBRO: VYFG, GREY GREEN TO BUFF IN STRONG SIL ALT INT. NETWORKS CALCIC MICROFRAC, DOMIN. ANGLE ~ 50° TO LCA, TR BLEB & DISS PY                        |      | TUFF ALT | 50° FRAC |               |       |      |              |  |  |  |
|                   | 54.63-57.63      |                                                                                                                                                                               |      |          |          | 934910        |       |      |              |  |  |  |
|                   | 56.87            |                                                                                                                                                                               |      |          |          |               |       |      |              |  |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                                | HOLE C94-62    | ANGLE 52 | LENGTH        | N     | E    | ELEV | Page 3 of 10 |  |  |  |
|------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|---------------|-------|------|------|--------------|--|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                          | UNIT           | STRUCT   | SAMPLE NUMBER | REC % | Ni % | Cu % |              |  |  |  |
| TR PY            | 56.87            | ALTERED GABBRO: LIGHT BROWN TO GREEN GREY MATRIX WITH SPESH CHL "FRECKLES" AFTER BIO PHENOS. ALTHO MOST XTL OUTLINES DESTROYED. MOD TO STRONG SIL ALT, LOCALLY DESTROYING ALL TEXTURES. SOME FSPAR PHENOS WITH ALB SPOT OVERGROWTHS, MINOR KSPAR ALT | GABBRO ALT     |          |               |       |      |      |              |  |  |  |
|                  | 62.54-63.26      | CONTACT ZONE / CHANGE OF ALT<br>CHL ALT DECREASE TO MINOR TO NONE, SIL ALT FROM MOD TO STRONG PERVASIVE TO FLOODING.                                                                                                                                 |                |          |               |       |      |      |              |  |  |  |
|                  | 62.94-63.02      | STZ-CARB VN WITH TR PY & GY ON SELVAGE                                                                                                                                                                                                               |                | 38° VN   |               |       |      |      |              |  |  |  |
| TR               | 63.26            | CHERT / GABBRO ALT, LIGHT GREY, TRANSLUCENT, HEALED MERE FRAC BX STRONG NETWORK CALCIC MICROFRAC                                                                                                                                                     | CHERT          |          |               |       |      |      |              |  |  |  |
|                  | 68.77-69.48      | SLIGHT DECREASE IN SIL ALT, MINOR CHL ALT, MOD SER ALT DEFINING V WEAK FRAC FOL                                                                                                                                                                      |                | 46° FOL  |               |       |      |      |              |  |  |  |
| MOD PO           | 69.48            | SPOTTED & Banded TUFF: LIGHT & DARK GREEN TO BLUE & MAUVE, VES, LOCALLY BX, MASSIVE TO WEAKLY FOL, STRONG CHL ALT, MOD SPOTTED K ALT, LOCAL STRONG CALCIC MICROFRAC, REPL PO 2-20% APPEARS TO FAVOUR THE STRONGER CHL & POT ALT INT.                 | TUFF SPAND POT |          |               |       |      |      |              |  |  |  |
|                  | 69.48-71.80      | STREAK Banded & MOTTLED, WELL FRAC                                                                                                                                                                                                                   |                |          | 934911        |       |      |      |              |  |  |  |
|                  | 71.34-71.49      | SHEAR                                                                                                                                                                                                                                                |                | 30° 52   |               |       |      |      |              |  |  |  |
|                  | 71.80-76.00      | STRONGER POT ALT, PO LOCALLY SEMI-MASSIVE, 10-30%                                                                                                                                                                                                    |                |          |               |       |      |      |              |  |  |  |
|                  | 75.32-75.43      | WISPY MUSC & PHLOG 20% & PO 15% BX INFILL                                                                                                                                                                                                            |                |          |               |       |      |      |              |  |  |  |

| PROJECT CANAL ASK |                  | CLAIM                                                                                                                                                    | HOLE C94-62   | ANGLE -52 | LENGTH        | N     | E    | ELEV | Page 4 of 10 |  |  |  |
|-------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------|-------|------|------|--------------|--|--|--|
| VISUAL LOG        | FROM-TO (metres) | DESCRIPTION                                                                                                                                              | UNIT          | STRUCT    | SAMPLE NUMBER | REC % | Ni % | Cu % |              |  |  |  |
|                   | 69.48            | TUFF SPAND POT CONT                                                                                                                                      |               |           |               |       |      |      |              |  |  |  |
|                   | 71.80-74.80      | STRONG POT ALT, PO MIN.                                                                                                                                  |               |           | 934912        |       |      |      |              |  |  |  |
|                   | 74.80-76.00      |                                                                                                                                                          |               |           | 934913        |       |      |      |              |  |  |  |
|                   | 76.00-79.00      |                                                                                                                                                          |               |           | 934914        |       |      |      |              |  |  |  |
|                   | 79.00-80.66      | GRAD INCREASE IN BX, DECREASE IN PO                                                                                                                      |               |           | 934915        |       |      |      |              |  |  |  |
|                   | 80.66-81.89      | STRONG BX & SHEARING, PO REPLACED BY PY 2-5%                                                                                                             |               |           | 934916        |       |      |      |              |  |  |  |
| WEAK PY           | 81.89            | CHERT SILTSTONE BX: STRONGLY BX & SHEARED GREY TO BROWN GREY WITH MG PY IN CLAY RICH MATRIX, CHERT FRAGMENTS HAVE BEEN BX, HEALED, & REBX, AV 10 FRAC/cm | CHERT STST BX |           |               |       |      |      |              |  |  |  |
|                   | 81.89-84.76      |                                                                                                                                                          |               |           | 934917        |       |      |      |              |  |  |  |
|                   | 84.76-85.33      |                                                                                                                                                          |               |           | 934918        |       |      |      |              |  |  |  |
|                   | 84.93-85.33      | GRAD DECREASE IN SHEARING & BX                                                                                                                           |               |           |               |       |      |      |              |  |  |  |
| MOD PY PO         | 85.33            | CHERT: BROWN TO GREY BROWN CHERT WITH 2-10% FRAC FILL PY & VVG DISS PO 2-5% OCCASIONALLY MIXED TOGETHER                                                  | CHERT         |           |               |       |      |      |              |  |  |  |
|                   | 91.31-91.97      | STRONG CALCIC ALT, VN & FLOODING                                                                                                                         |               |           |               |       |      |      |              |  |  |  |
|                   | 85.33-88.33      |                                                                                                                                                          |               |           | 934919        |       |      |      |              |  |  |  |
|                   | 88.33-91.33      |                                                                                                                                                          |               |           | 934920        |       |      |      |              |  |  |  |
|                   | 91.33-94.33      |                                                                                                                                                          |               |           | 934921        |       |      |      |              |  |  |  |
|                   | 94.33-97.33      |                                                                                                                                                          |               |           | 934922        |       |      |      |              |  |  |  |
|                   | 97.33-99.92      |                                                                                                                                                          |               |           | 934923        |       |      |      |              |  |  |  |
|                   | 99.92-102.92     | GRAD INCREASE IN CHL ALT & CALC FRACTURING PY >> PO, APPROX 5% PY, TR PO                                                                                 |               |           | 934924        |       |      |      |              |  |  |  |
| TR                | 102.92           | ERRATIC, STRONG CHL & SER SHEAR ZONE MO PY 1%                                                                                                            | SZ            | 0-50      |               |       |      |      |              |  |  |  |
|                   | 111.20-113.25    | SHEARING LESSENS, BECOMES MORE DISCRETE & CALC RICH                                                                                                      |               |           |               |       |      |      |              |  |  |  |

| PROJECT CAIHALASK |                  | CLAIM                                                                                                                                                                                                                                                                                                                                                         | HOLE C94-62 | ANGLE -52 | LENGTH        | N     | E    | ELEV | Page 5 of 10 |  |  |  |
|-------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|---------------|-------|------|------|--------------|--|--|--|
| VISUAL LOG        | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                   | UNIT        | STRUCT    | SAMPLE NUMBER | REC % | Ni % | Cu % |              |  |  |  |
| WEAK PY           | 113.25           | FOLIATED TUFF: WELL FOLIATED, CALCAREOUS WHITE LAMINAE, LIGHT GREY TO GREEN TO BLACK, LOCALLY SHEARED & BLEACHED WITH LOSS OF FOL. VVFG LAMINATED PY 2-5% & FRAC PY III QTZ-CARB VNLTS ALONG FOL                                                                                                                                                              | TUFF FOL    | 31° FOL   |               |       |      |      |              |  |  |  |
|                   | 113.25-115.21    |                                                                                                                                                                                                                                                                                                                                                               |             |           | 934925        |       |      |      |              |  |  |  |
| WEAK PY PO        | 115.21           | ALTERED TUFF: NO FOL. LIGHT GREY, GREEN GREY & BROWN GREY, MASSIVE, MG, REYTLIZED (→ SPHERULITIC), WEAK SIL & POT PATCHY ALT USU IN WEAK BX INT. LOCAL CHL FRECKLES (CHLORITIDS?) FRAC ASSOC & NO INDIC OF BIG PHENOS. STRONG CALC CHL NETWORK FRAC & MICRO FRAC AV 5/cm, VVFG DISS PY & LESSER PO WITH ERRATIC DISTRIB. 1/3 FRAC PY CUBES, TOTAL SULPH 2-10% | TUFF ALT    |           |               |       |      |      |              |  |  |  |
|                   | 115.21-118.21    |                                                                                                                                                                                                                                                                                                                                                               |             |           | 934926        |       |      |      |              |  |  |  |
|                   | 118.21-121.21    |                                                                                                                                                                                                                                                                                                                                                               |             |           | 934927        |       |      |      |              |  |  |  |
|                   | 121.21-122.56    |                                                                                                                                                                                                                                                                                                                                                               |             |           | 934928        |       |      |      |              |  |  |  |
| TR                | 122.56           | DYKE: MG MASSIVE, BIO 1-3mm 30% OLIVINE 3-5mm 10%, PX 1-2mm 20% IN ANHEDRAL QTZ FSPAR GROUNDMASS, MINOR QTZ-CARB VNLTS. TR DISS PY UC SHARP, SHEARED, CHL RICH, LC IN BROKEN CORE                                                                                                                                                                             | DYKE        | 13° UC    |               |       |      |      |              |  |  |  |
| MOD PY            | 124.97           | "CHERT" AMORPHOUS, LIGHT TO DARK GREY & GREY GREEN, MASSIVE TO LOCALLY FOLIATED OR BX BY QTZ-CARB ± CHL ± EP FRAC & VNLTS. IRREG REPL & FRAC FILL PY 5-15%, TR PO                                                                                                                                                                                             | CHERT       |           |               |       |      |      |              |  |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                           | HOLE C94-62 | ANGLE 52 | LENGTH        | N     | E    | ELEV | Page 6 of 10 |  |
|------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|---------------|-------|------|------|--------------|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                     | UNIT        | STRUCT   | SAMPLE NUMBER | REC % | Ni % | Cu % |              |  |
|                  | 124.97           | *CHERT" CONT                                                                                                                                                                                                                    | CHERT       |          |               |       |      |      |              |  |
|                  | 124.97-127.97    |                                                                                                                                                                                                                                 |             |          | 934929        |       |      |      |              |  |
|                  | 127.97-130.97    |                                                                                                                                                                                                                                 |             |          | 934930        |       |      |      |              |  |
|                  | 130.97-133.97    |                                                                                                                                                                                                                                 |             |          | 934931        |       |      |      |              |  |
|                  | 133.97-136.55    |                                                                                                                                                                                                                                 |             |          | 934932        |       |      |      |              |  |
| MOD              | 129.28-130.64    | DARK GREY, SILTY CHERT, VAGUE BEDDING                                                                                                                                                                                           |             | 13° B    |               |       |      |      |              |  |
| PO PY            | 130.64-130.91    | AMORPHOUS QTZ-CARB VN WITH 10% FRAC FILL PY & PO X-CUTTING SELVAGES                                                                                                                                                             |             | 38° VN   |               |       |      |      |              |  |
|                  | 132.45-132.78    | SHEAR ZONE 80% GOUGE                                                                                                                                                                                                            |             |          |               |       |      |      |              |  |
|                  | 134.15-134.46    |                                                                                                                                                                                                                                 |             | 12° LC   |               |       |      |      |              |  |
|                  | 132.78-133.72    | QTZ-CARB CRACKLE BX, WEAK PATCHY POT                                                                                                                                                                                            |             | 27°      |               |       |      |      |              |  |
|                  | 135.20-136.55    | ALT, V WEAK FOL, PO > PY                                                                                                                                                                                                        |             | FOL      |               |       |      |      |              |  |
|                  | 134.46-135.20    | SPOTTED POT ALT, OVERGROWTHS & RINGS AROUND BLEB PO & CHL                                                                                                                                                                       |             |          |               |       |      |      |              |  |
|                  | 133.72-134.15    | AMORPHOUS QTZ-CARB ALT, CALCIC TENSION GASHES PARA TO SUB-PARA LCA, WITH SEAMS PO                                                                                                                                               |             |          |               |       |      |      |              |  |
| WEAK PY          | 136.55           | GRADATIONAL CONTACT/CHANGE OF ALT E "CHERTY ASH TUFF": DECREASE IN SIL ALT & CRACKLE BX, SLOW INCREASE IN CHL ALT. WEAK SER ALT FRAC CONTROLLED VFB DISS PY & MG PY CURES ON FRAC, 5% CRACKLE BX                                | CHERT TUFF  |          |               |       |      |      |              |  |
| WEAK PY TR PO    | 143.92           | "TUFF ALT" LIGHT & DARK GREY & GREEN, BUFF, VFB/AMORPHOUS, USU MASSIVE WITH WEAK FOL SHORT INT. WEAK TO STRONG QTZ-CARB CRACKLE BX (UP TO 20 FRAC/CHL). ERRATIC FRAC FILL REPL PY 1-5%, PO UP TO 2% ASSOC WITH STRONGER CHL ALT | TUFF ALT    | 40° FOL  |               |       |      |      |              |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                          | HOLE C94-42 | ANGLE  | LENGTH        | N     | E    | ELEV | Page 7 of 10 |  |
|------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|---------------|-------|------|------|--------------|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                    | UNIT        | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu % |              |  |
|                  | 143.92           | "TUFF ALT" CONT                                                                                                                                                | TUFF ALT    |        |               |       |      |      |              |  |
|                  | 143.92-144.32    | INTENSE CHL ALT & BX, TR PY                                                                                                                                    |             |        |               |       |      |      |              |  |
|                  | 152.73-158.70    | CRACKLE BX BECOMES WEAK & LOCALIZED, SIL FLOODING WITH GREY CALCIC VNLTs & REPL PY TO 10% OVER 20 cm INT, LOCAL PATCHY POT & ALB SPOT ALT                      |             |        |               |       |      |      |              |  |
|                  | 149.66-152.02    | FRAC & REPL PY 5% PO 2%                                                                                                                                        |             |        | 934933        |       |      |      |              |  |
|                  | 158.70-161.50    | DARK GREY MASSIVE WITH VERY FAINT SPOTS STREAKED PARA LCA                                                                                                      |             |        |               |       |      |      |              |  |
|                  | 159.73-161.50    | REPL PY 15% & PO 2-5% IN BLEACHED SIL ALT INT, DISS PY IN MASSIVE GREY INT TO 5%                                                                               |             |        | 934934        |       |      |      |              |  |
|                  | 161.50-164.50    | REPL PY & PO WITH AMORPHOUS TO ANHEDRAL STAURO (?) IN STRONG SIL FLOODING & BLEACHING WITH WEAK PERVASIVE CHL ALT & CALCIC VNLTs                               |             |        | 934935        |       |      |      |              |  |
|                  | 164.50-167.50    | END STAURO, CHL ALT INCREASES, BECOMES MORE FRAC CONTROLLED & SPOTTY, WITH ASSOC BLEB PY & PO 5% & BLEACHED HALOS, SIL ALT MOD FLOODING.                       |             |        | 934936        |       |      |      |              |  |
|                  | 167.50-170.50    |                                                                                                                                                                |             |        | 934937        |       |      |      |              |  |
|                  | 168.40-169.56    | FAULT BX                                                                                                                                                       |             |        |               |       |      |      |              |  |
|                  | 167.70-181.43    | WEAK PATCHY POT ALT, MOD SIL FLOODING, MOD PATCHES & BANDS CHL ALT, WEAK BX BY QTZ-CARB VNLTs, PO & PY 2-5% AS FRAC FILL & BLEBS, LOCAL VUGS IN QTZ-CARB VNLTs |             |        |               |       |      |      |              |  |
|                  | 170.50-173.50    |                                                                                                                                                                |             |        | 934938        |       |      |      |              |  |
|                  | 173.50-175.29    | LIGHT GREY, SIL FLOOD, PO 1% IN CHL FRAC                                                                                                                       |             |        | 934939        |       |      |      |              |  |
|                  | 175.29-178.29    | WEAK PATCHES & DUSTINGS POT ALT, DISS &                                                                                                                        |             |        | 934940        |       |      |      |              |  |
|                  | 178.29-179.29    | S-M SEAMS PO & PY 5%                                                                                                                                           |             |        | 934941        |       |      |      |              |  |
|                  | 179.29-180.93    | DUSTINGS POT ALT REPL BY DUSTINGS ALB ALT                                                                                                                      |             |        | 934942        |       |      |      |              |  |
|                  | 180.93-181.43    | SER DUSTINGS, 20% DISS REPL PO                                                                                                                                 |             |        | 934943        |       |      |      |              |  |

| PROJECT CANALASK |                     | CLAIM                                                                                                                                                                                                                      | HOLE C94-62 | ANGLE | LENGTH | N                | E        | ELEV    |         | Page 8 of 10 |  |
|------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|--------|------------------|----------|---------|---------|--------------|--|
| VISUAL LOG       | FROM-TO<br>(metres) | DESCRIPTION                                                                                                                                                                                                                |             | UNIT  | STRUCT | SAMPLE<br>NUMBER | REC<br>% | Ni<br>% | Cu<br>% |              |  |
|                  | 143.92              | "TUFF ALT" CONT                                                                                                                                                                                                            |             |       |        |                  |          |         |         |              |  |
|                  | 181.43-187.95       | LIGHT TO DARK GREY, WEAK CRACKLE BY BY<br>QTZ-CARB MICROFRAC. PY > PO, BOTH AS FRAC<br>FILL & REPL PATCHES                                                                                                                 |             |       |        |                  |          |         |         |              |  |
|                  | 181.43-184.43       |                                                                                                                                                                                                                            |             |       |        | 934944           |          |         |         |              |  |
|                  | 184.43-187.43       | PY GRAD REPL PO                                                                                                                                                                                                            |             |       |        | 934945           |          |         |         |              |  |
|                  | 187.95-190.80       | MOD SIL & STRONG CHL ALT BANDS & MOTTLES                                                                                                                                                                                   |             |       |        |                  |          |         |         |              |  |
|                  | 198.24-198.48       | GREEN TO DARK GREEN, LOCALLY VUGGY QTZ-<br>CARB VNLTs.                                                                                                                                                                     |             |       |        |                  |          |         |         |              |  |
|                  | 190.80-203.20       | DARK GREY, MASSIVE VAGUE TUFFACEOUS TEXTURE<br>WEAK TO MOD PERVASIVE SIL ALT, PY 2-5% &<br>TR PO ASSOC WITH CHL FRAC MINOR QTZ-<br>CARB FRAC & VNLTs. DISS MG PY 1%                                                        |             |       |        |                  |          |         |         |              |  |
|                  | 198.48-199.62       | REXTLZ TUFF POT ALT AS WISPY MUSC<br>ALONG FRAC                                                                                                                                                                            |             |       | 34° UC |                  |          |         |         |              |  |
|                  | 203.20-209.38       | FAULT BX & SHEAR ZONE PARA TO SUB PARA<br>LCA, PY TO 10% WITH MASSES YELLOW QTZ-<br>CARB OVER 20cm. RARE FRAC POT ALT                                                                                                      |             |       | 10° LC |                  |          |         |         |              |  |
|                  | 209.38-210.86       | CALC BX IN MASSIVE DARK GREY TUFF,<br>TR BLEB PO                                                                                                                                                                           |             |       | 12° UC |                  |          |         |         |              |  |
|                  | 210.86-213.00       | FAINT, FLATTENED SPOTS, SUB-ANG TO ROUNDED<br>USU RANDOM BUT LOCALLY ORIENTED<br>PARA TO SUB PARA LCA. AGGLOMERATE?<br>BUT PROBABLY VAR. OF SIL & CHL ALT.<br>LOCAL SIL FLOODING OVER 40cm. PATCHY<br>POT ALT (PHLOG/MUSC) |             |       |        |                  |          |         |         |              |  |
|                  | 213.45-215.23       | FRAC CONTROLLED BLEBS PO 1-3%                                                                                                                                                                                              |             |       |        | 934946           |          |         |         |              |  |
|                  | 215.23-217.78       | PO "FRECKLES" IN STRONG SIL ALT 2-5%                                                                                                                                                                                       |             |       |        | 934947           |          |         |         |              |  |
|                  | 217.78              | END HQ START NQ                                                                                                                                                                                                            |             |       |        |                  |          |         |         |              |  |
|                  | 217.78-220.64       | STRONG SIL ALT, PO & PY 2-5%                                                                                                                                                                                               |             |       |        | 934948           |          |         |         |              |  |
|                  | 220.64-223.64       | GREY, PO 5% AS BLEBS WITH CHL HALOS                                                                                                                                                                                        |             |       |        | 934949           |          |         |         |              |  |
|                  | 223.64-226.64       | PATCHY & VN BX QTZ-CARB PO & PY 3-5%                                                                                                                                                                                       |             |       |        | 934950           |          |         |         |              |  |

| PROJECT CANALASK |                  | CLAIM                                                                                               | HOLE C94-62 | ANGLE | LENGTH | N      | E             | ELEV  |      | Page 9 of 10 |  |  |
|------------------|------------------|-----------------------------------------------------------------------------------------------------|-------------|-------|--------|--------|---------------|-------|------|--------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                         |             |       | UNIT   | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu %         |  |  |
|                  | 143.92           | "TUFF ALT" CONT                                                                                     |             |       |        |        |               |       |      |              |  |  |
|                  | 226.00-227.00    | FAINT, FLATTENED SPOTS AKA "ADGLOM" OF                                                              |             |       |        |        |               |       |      |              |  |  |
|                  |                  | 210.86-213.00                                                                                       |             |       |        |        |               |       |      |              |  |  |
|                  | 227.00-228.65    | VARIABLE PATCHES & BANDS CHL+SL+POT ± CALC ALT                                                      |             |       |        |        |               |       |      |              |  |  |
|                  | 228.65-229.74    | MG CHL-BIO DYKE, 3-10% DISS PY, TR PO MOD POT ALT UC WITH OVER GROWTHS MUSC                         |             |       |        |        |               |       |      |              |  |  |
|                  | 229.74-242.37    | GREY TO DARK GREY MASSIVE, PATCHY CHL ALT, LOCAL CG DISS PY, WEAK SLB SPOTS, REPL PO BLENDS TO 2cm. |             |       |        |        |               |       |      |              |  |  |
|                  | 226.64-229.64    |                                                                                                     |             |       |        |        | 934951        |       |      |              |  |  |
|                  | 229.64-232.64    |                                                                                                     |             |       |        |        | 934952        |       |      |              |  |  |
|                  | 232.64-235.64    |                                                                                                     |             |       |        |        | 934953        |       |      |              |  |  |
|                  | 235.64-238.64    |                                                                                                     |             |       |        |        | 934954        |       |      |              |  |  |
|                  | 238.64-241.64    |                                                                                                     |             |       |        |        | 934955        |       |      |              |  |  |
|                  | 241.64-244.64    |                                                                                                     |             |       |        |        | 934956        |       |      |              |  |  |
|                  | 238.81-240.92    | MG "SPECKLED" TUFF, RECTLZED                                                                        |             |       |        |        |               |       |      |              |  |  |
|                  | 242.37-244.80    | VARIABLE PATCHES & BANDS SIL+CHL+POT ± QTZ-CARB                                                     |             |       |        |        |               |       |      |              |  |  |
|                  | 244.80-254.26    | INCREASING SHEARING & BX. LOCAL INTENSE CHL ALT, ERRATIC PO TR TO 3%                                |             |       |        |        |               |       |      |              |  |  |
|                  | 251.81-252.03    | GAL 2% SPH 5% TR CPY IN STRONG SIL & CHL MOTTLED ALT                                                |             |       |        |        |               |       |      |              |  |  |
|                  | 244.64-247.64    |                                                                                                     |             |       |        |        | 934957        |       |      |              |  |  |
|                  | 247.64-250.64    |                                                                                                     |             |       |        |        | 934958        |       |      |              |  |  |
|                  | 250.64-251.81    |                                                                                                     |             |       |        |        | 934959        |       |      |              |  |  |
|                  | 251.81-254.26    |                                                                                                     |             |       |        |        | 934960        |       |      |              |  |  |



COLLARED 1900h 23-10-94

| PROJECT CANALASK CLAIM |                  | HOLE C94-63                                                                                                                                                                                                                                                      | ANGLE -66    | LENGTH 196-60 N | E             | ELEV  | Page 1 of 7 |      |  |  |  |
|------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------|-------|-------------|------|--|--|--|
| VISUAL LOG             | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                      | UNIT         | STRUCT          | SAMPLE NUMBER | REC % | Ni %        | Cu % |  |  |  |
|                        | 0                | OVERBURDEN                                                                                                                                                                                                                                                       |              |                 |               |       |             |      |  |  |  |
| MOD<br>PO PY           | 14.93            | CHERTY ARGILLITE: BLACK TO DARK GREY, MASSIVE<br>ERRATIC VVFG DISS PO WITH FLINT<br>SIL ALT STREAKS PARALLEL LCA,<br>STRONG SIL + CHL ALT & BLEACHED INT<br>WITH REPL & FRAC PO TO 10%, ~45°<br>TO LCA, BROWN CORE, BLACK, WEAK<br>ALT INT, SIL & VERY COMPETENT | CHERT<br>ARG | 45°<br>FOL      |               |       |             |      |  |  |  |
|                        | 14.93-16.05      | GREEN, STRONG SIL & CHL ALT, PO 10% TRCPY                                                                                                                                                                                                                        |              |                 | 934962        |       |             |      |  |  |  |
|                        | 16.05-19.05      | BLACK ARG, PO <1%                                                                                                                                                                                                                                                |              |                 | 934963        |       |             |      |  |  |  |
|                        | 19.05-21.53      |                                                                                                                                                                                                                                                                  |              |                 | 934964        |       |             |      |  |  |  |
|                        | 21.53-23.26      | GREEN & GREEN GREY, PO 5%                                                                                                                                                                                                                                        |              |                 | 934965        |       |             |      |  |  |  |
| BAR.                   | 23.26-26.53      | FSPAR + BIO PORPH DYKE: MASSIVE GREEN<br>GREY MATRIX WITH PHENOS WHITE FSPAR<br>2mm & BIO → CHL TO 6mm, WEAK<br>CALC ON MINOR FRAC, NO SULPH                                                                                                                     |              |                 |               |       |             |      |  |  |  |
|                        | 26.53-28.29      | BLACK, SIL STREAKS PARA LCA, BLEB & DISS<br>PO & PY 5%                                                                                                                                                                                                           |              |                 | 934966        |       |             |      |  |  |  |
|                        | 28.29-29.44      | GREY & GREEN, STRONG SIL & CHL ALT, FRAC<br>VNITS PO TO 1cm WIDE SULPH 15%                                                                                                                                                                                       |              |                 | 934967        |       |             |      |  |  |  |
|                        | 29.44-32.19      | DARK GREY, MASSIVE, VVFG DISS PO 1%                                                                                                                                                                                                                              |              |                 | 934968        |       |             |      |  |  |  |
|                        | 32.19-32.83      | LIGHT GREY, SEMI-MASSIVE REPL PO 20%                                                                                                                                                                                                                             |              |                 | 934969        |       |             |      |  |  |  |
|                        | 32.83-35.49      | DARK GREY, VVFG PO 2%                                                                                                                                                                                                                                            |              |                 | 934970        |       |             |      |  |  |  |
|                        | 35.49-36.88      | LIGHT GREY, FINE MOTTLING FROM FG REYTLZING<br>FRAC PO 2-5%                                                                                                                                                                                                      |              |                 | 934971        |       |             |      |  |  |  |
|                        | 36.88-39.88      | BLACK GRAPH, INCREASING QTZ-CARB PARA-SUBPARA<br>VNITS & FRAC, BLEB & DISS PY & PO 5%                                                                                                                                                                            |              |                 | 934972        |       |             |      |  |  |  |
|                        | 39.88-42.88      | AS ABOVE, MINOR INT MOD CHL ALT & PO 10%                                                                                                                                                                                                                         |              |                 | 934973        |       |             |      |  |  |  |
|                        | 42.88-44.76      | BLACK, GRAPHITIC, LOCALLY SHEARED                                                                                                                                                                                                                                |              |                 | 934974        |       |             |      |  |  |  |
|                        | 44.76-46.13      | MOD CHL ALT, FOL ALL ORIENT, PO 10-15%<br>TR PY                                                                                                                                                                                                                  |              |                 | 934975        |       |             |      |  |  |  |
|                        | 46.13-48.50      | GREY, PY > PO, 5%                                                                                                                                                                                                                                                |              |                 | 934976        |       |             |      |  |  |  |
|                        | 48.50-51.50      | LIGHT GREY & GREEN, LOCALLY REYTLZED, REPL PO 20%                                                                                                                                                                                                                |              |                 | 934977        |       |             |      |  |  |  |

| PROJECT CANALASK       |                  | CLAIM                                                                                                                                                                                                                                                                                            | HOLE 094-63 | ANGLE 66 | LENGTH        | N     | E    | ELEV | Page 2 of 7 |  |  |  |
|------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|---------------|-------|------|------|-------------|--|--|--|
| VISUAL LOG             | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                      | UNIT        | STRUCT   | SAMPLE NUMBER | REC % | Ni % | Cu % |             |  |  |  |
|                        | 14.93            | CHERTY ARGILLITE CONT                                                                                                                                                                                                                                                                            | CHERT       |          |               |       |      |      |             |  |  |  |
| MOD<br>PO PY           | 51.50-67.19      | SIL & CHL ALT MORE PERVASIVE, FEWER &<br>SHORTER INT BLACK ARG. MORE TUFFACEOUS?                                                                                                                                                                                                                 | ARG         |          |               |       |      |      |             |  |  |  |
|                        | 51.50-54.50      |                                                                                                                                                                                                                                                                                                  |             |          | 934978        |       |      |      |             |  |  |  |
|                        | 54.50-57.50      |                                                                                                                                                                                                                                                                                                  |             |          | 934979        |       |      |      |             |  |  |  |
|                        | 57.50-60.50      |                                                                                                                                                                                                                                                                                                  |             |          | 934980        |       |      |      |             |  |  |  |
|                        | 60.50-63.50      |                                                                                                                                                                                                                                                                                                  |             |          | 934981        |       |      |      |             |  |  |  |
|                        | 63.50-66.50      |                                                                                                                                                                                                                                                                                                  |             |          | 934982        |       |      |      |             |  |  |  |
|                        | 66.50-67.19      | STRONG QTZ-CARB ALT, REPL PO 15%                                                                                                                                                                                                                                                                 |             |          | 934983        |       |      |      |             |  |  |  |
| WEAK<br>- MOD<br>PO PY | 67.19            | TUFF: FG ASH TUFF, FEW REMNANT LAPS,<br>LIGHT GREY TO GREEN GREY, MASSIVE TO<br>WEAKLY BEDDED, WEAK PERV CHL ALT,<br>WEAK-MOD PERV TO PATCHY SIL ALT, MOD TO<br>STRONG QTZ-CARB FRAC. PO IN CHL MICRO-<br>FRAC, & VFG DISS PO & PY, TOTAL SULPH<br>Z-10%, UC QTZ-CARB VN WITH FRAGS<br>UNALT ARG | TUFF<br>ASH | 27° B    |               |       |      |      |             |  |  |  |
|                        | 67.19-70.19      |                                                                                                                                                                                                                                                                                                  |             |          | 934984        |       |      |      |             |  |  |  |
|                        | 70.19-73.19      |                                                                                                                                                                                                                                                                                                  |             |          | 934985        |       |      |      |             |  |  |  |
|                        | 73.19-76.19      |                                                                                                                                                                                                                                                                                                  |             |          | 934986        |       |      |      |             |  |  |  |
|                        | 76.19-78.06      |                                                                                                                                                                                                                                                                                                  |             |          | 934987        |       |      |      |             |  |  |  |
|                        | 78.06-83.50      | SHARP DECREASE SIL ALT, MOD PERVASIVE CHL ALT<br>TUFF DARK GREY, MG, WEAKLY BEDDED<br>REPL PO STRINGERS ALONG B WITH BANDED<br>SIL ALT                                                                                                                                                           |             | 71° B    |               |       |      |      |             |  |  |  |
|                        | 78.06-80.86      |                                                                                                                                                                                                                                                                                                  |             |          | 934988        |       |      |      |             |  |  |  |
|                        | 80.86-82.86      |                                                                                                                                                                                                                                                                                                  |             |          | 934989        |       |      |      |             |  |  |  |
| S-M<br>PO              | 82.86-83.50      | SEMI-MASSIVE PO 50% PY 10%                                                                                                                                                                                                                                                                       |             |          | 934990        |       |      |      |             |  |  |  |

| PROJECT CANALASK |                  | CLAIM                                         | HOLE C94-63 | ANGLE | LENGTH | N      | E             | ELEV  | Page 3 of 7 |      |  |  |
|------------------|------------------|-----------------------------------------------|-------------|-------|--------|--------|---------------|-------|-------------|------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                   |             |       | UNIT   | STRUCT | SAMPLE NUMBER | REC % | Ni %        | Cu % |  |  |
| MOD PO PY        | 83.50            | INTERBEDDED "GRAPHITIC ARGILLITE + TUFF"      |             |       | ARG    |        |               |       |             |      |  |  |
|                  |                  | GRAPHITIC ARG: BLACK, MOD TO STRONGLY SHEARED |             |       | TUFF   | 5-15°  |               |       |             |      |  |  |
|                  |                  | BEDDING/ALT BANDS PARA-SUBPARA LCA, CORE      |             |       |        | B      |               |       |             |      |  |  |
|                  |                  | VERY BROKEN, WEAK PO & PY MIN.                |             |       |        |        |               |       |             |      |  |  |
|                  |                  | TUFF: GREEN, LOCAL BANDING, MORE COMPETENT    |             |       |        | 15-67° |               |       |             |      |  |  |
|                  |                  | & LESS SHEARED THAN ARG, LOCAL CRACKLE BY     |             |       |        | B      |               |       |             |      |  |  |
|                  |                  | STRONG FRAC FILL & REPL PO 10-20% PY          |             |       |        |        |               |       |             |      |  |  |
|                  |                  | 5-10%, TR CPY                                 |             |       |        |        |               |       |             |      |  |  |
|                  | 83.50-85.80      | "ARG"                                         |             |       |        |        | 934991        |       |             |      |  |  |
|                  | 85.80-87.93      | "TUFF" WITH THIN "ARG"                        |             |       |        |        | 934992        |       |             |      |  |  |
|                  | 87.93-89.41      | "ARG" 88.57-88.74 "TUFF"                      |             |       |        |        |               |       |             |      |  |  |
|                  | 89.41-89.96      | "TUFF"                                        |             |       |        |        |               |       |             |      |  |  |
|                  | 89.96-91.00      | "ARG" V POOR RECOVERY                         |             |       |        |        |               |       |             |      |  |  |
|                  | 91.00-91.28      | "TUFF"                                        |             |       |        |        |               |       |             |      |  |  |
|                  | 91.28-91.44      | "ARG"                                         |             |       |        |        |               |       |             |      |  |  |
|                  | 91.44-91.71      | "TUFF"                                        |             |       |        |        |               |       |             |      |  |  |
|                  | 91.71-95.00      | CLOSELY INTERB "ARG + TUFF"                   |             |       |        |        |               |       |             |      |  |  |
|                  | 87.93-89.96      |                                               |             |       |        |        | 934993        |       |             |      |  |  |
|                  | 89.96-92.66      |                                               |             |       |        |        | 934994        |       |             |      |  |  |
|                  | 92.66-95.00      |                                               |             |       |        |        | 934995        |       |             |      |  |  |
|                  | 94.49-111.40     | SHEARING MORE DISCRETE & LOCALIZED, CORE      |             |       |        |        |               |       |             |      |  |  |
|                  |                  | MORE COMPETENT & SIL. UNIT IS ARGILLIC WITH   |             |       |        |        |               |       |             |      |  |  |
|                  |                  | TUFFACEOUS INTERBEDS, BUT SOME OF THE         |             |       |        |        |               |       |             |      |  |  |
|                  |                  | "TUFF" INT ARE INTENSE CHL + CALC + SIL       |             |       |        |        |               |       |             |      |  |  |
|                  |                  | ALT, WITH BLEACHING & TEXTURE OF ARG.         |             |       |        |        |               |       |             |      |  |  |
|                  | 95.00-96.10      | INTENSE ALT PO 5-15% PY 5%                    |             |       |        |        | 934996        |       |             |      |  |  |
|                  | 96.10-98.14      | BLACK ARG DISS PO & BLEBS 5-10%               |             |       |        |        | 934997        |       |             |      |  |  |
|                  | 98.14-100.56     | BLACK ARG WITH ALT BANDS. PY 5-10% PO 2%      |             |       |        |        | 934998        |       |             |      |  |  |
| S-M              | 100.56-102.87    | CONTACT PARA LCA, WEAK PATCHY POT ALT         |             |       |        |        | 934999        |       |             |      |  |  |
|                  |                  | REPL PO 20% PY 5-10%                          |             |       |        |        |               |       |             |      |  |  |
|                  | 102.87-105.51    | BLACK ARG, STREAKS PY & PO 5-10%              |             |       |        |        | 935000        |       |             |      |  |  |
| S-M              | 105.51-107.86    | INTERB ARG & TUFF, TUFF WITH REPL PO 30%      |             |       |        |        | 935001        |       |             |      |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                | HOLE C94-63 | ANGLE  | LENGTH        | N     | E    | ELEV |  | Page 4 of 7 |  |  |
|------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|---------------|-------|------|------|--|-------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                          | UNIT        | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu % |  |             |  |  |
|                  | 83.50            | INTERBEDDED ARGILLITE & TUFF WITH LOCAL INTENSE CHL-CALC-SIL ALT CONT                                                                | ARG TUFF    |        |               |       |      |      |  |             |  |  |
| S-M              | 107.86-108.96    | M6 LIGHT GREEN GREY TUFF WITH REPL & VNLTs PO 30-50% PY 5%                                                                           |             |        | 935002        |       |      |      |  |             |  |  |
|                  | 108.96-111.64    | BLACK ARG WITH CALC TENSION FRACS, PO 5% ALONG NARROW BLEACHED & REXTLZD ALT BANDS.                                                  |             |        | 935003        |       |      |      |  |             |  |  |
|                  | 111.40-116.70    | SHEARING & BX GRAD INCREASE                                                                                                          |             |        |               |       |      |      |  |             |  |  |
|                  | 116.70-126.30    | STRONG SHEARING, GOUGE 30-80%                                                                                                        |             |        |               |       |      |      |  |             |  |  |
| S-M              | 111.64-114.36    | 80% TUFF WITH REPL PO 20-30%, PY 2% TR CPY, QTZ-CARB VNLTs, PATCHY CHL ALT                                                           |             |        | 935004        |       |      |      |  |             |  |  |
|                  | 114.36-116.28    | BROKEN ARG                                                                                                                           |             |        | 935005        |       |      |      |  |             |  |  |
| S-M              | 116.28-117.24    | SEMI-MASSIVE PO 30-70%                                                                                                               |             |        | 935006        |       |      |      |  |             |  |  |
|                  | 117.24-119.29    | BROKEN ARG WITH QTZ-CARB VNS                                                                                                         |             |        | 935007        |       |      |      |  |             |  |  |
|                  | 119.29-120.65    | CHL ALT ARG, MINOR TUFF, FRAC PO 2-10%                                                                                               |             |        | 935008        |       |      |      |  |             |  |  |
|                  | 119.47-127.78    | MOD-STRONG CHL ALT, WEAK-NONE SIL ALT, REPL PO 2-15%, PY 1-5%                                                                        |             |        |               |       |      |      |  |             |  |  |
|                  | 120.65-123.73    |                                                                                                                                      |             |        | 935009        |       |      |      |  |             |  |  |
|                  | 123.73-126.30    |                                                                                                                                      |             |        | 935010        |       |      |      |  |             |  |  |
| S-M              | 126.30-127.78    | END BROKEN CORE & SHEARING, WEAK SIL ALT, MOD QTZ-CARB FRAC, REPL PATCHES PO IN STRONGER CHL ALT, SEMI-MASSIVE LOCALLY, PO ~ 20%     |             |        | 935011        |       |      |      |  |             |  |  |
| WEAK             | 127.78           | ALTERATION BX: MOD CALCAREOUS, WHITE FG, WEAKLY BEDDED, ANGULAR FRACS 2mm-5mm 60-70%, ROTATED & BROKEN, IN GREY MATRIX WITH 5-10% PO | ALT BX      |        |               |       |      |      |  |             |  |  |
|                  | 127.78-130.78    |                                                                                                                                      |             |        | 935012        |       |      |      |  |             |  |  |
|                  | 130.78-131.70    |                                                                                                                                      |             |        | 935013        |       |      |      |  |             |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                 | HOLE C94-63 | ANGLE | LENGTH   | N        | E             | ELEV  |      | Page 5 of 7 |  |  |  |
|------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|----------|----------|---------------|-------|------|-------------|--|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                           |             |       | UNIT     | STRUCT   | SAMPLE NUMBER | REC % | Ni % | Cu %        |  |  |  |
| STRONG PO PY     | 131.70           | ALTERED TUFF: GREEN GREY TO LIGHT GREY FG MASSIVE, WEAK CRACKLE BX TO LOCALLY SHEARED, WEAK PERY TO PATCHY SIL ALT, MOD SER ALT, PATCHY & FRAC FILL CHL ALT, REPL & FRAC FILL PO 2-20% PY 1-5%, WEAK, SPOTTY POT ALT, LOCAL ALB SPOTS |             |       | TUFF ALT |          |               |       |      |             |  |  |  |
|                  | 131.70-134.70    |                                                                                                                                                                                                                                       |             |       |          |          | 935014        |       |      |             |  |  |  |
|                  | 134.70-137.70    |                                                                                                                                                                                                                                       |             |       |          |          | 935015        |       |      |             |  |  |  |
|                  | 137.70-140.70    |                                                                                                                                                                                                                                       |             |       |          |          | 935016        |       |      |             |  |  |  |
|                  | 140.70-143.70    | REPL PO 5-20%                                                                                                                                                                                                                         |             |       |          |          | 935017        |       |      |             |  |  |  |
|                  | 143.70-144.63    | REPL PO 15-20%                                                                                                                                                                                                                        |             |       |          |          | 935018        |       |      |             |  |  |  |
|                  | 144.63-147.63    | ALB SPOTS PO 2-5%                                                                                                                                                                                                                     |             |       |          |          | 935019        |       |      |             |  |  |  |
|                  | 147.63-150.63    | REPL PO 5-10% TR CPY                                                                                                                                                                                                                  |             |       |          |          | 935020        |       |      |             |  |  |  |
|                  | 150.63-151.41    | PO 5-15%                                                                                                                                                                                                                              |             |       |          |          | 935021        |       |      |             |  |  |  |
|                  | 151.41-153.14    | MOD BANDED SIL ALT PO 2-10%                                                                                                                                                                                                           |             |       |          | 10° FOL? | 935022        |       |      |             |  |  |  |
|                  | 153.14-165.40    | WEAK PATCHY SIL ALT, MOD SPOTTED ALB & CHL ALT, WEAK-MOD SER ALT, FRAC FILL & REPL PO 1-15% PY TR-5%, MG REXTLZN.                                                                                                                     |             |       |          |          |               |       |      |             |  |  |  |
|                  | 153.14-156.14    |                                                                                                                                                                                                                                       |             |       |          |          | 935023        |       |      |             |  |  |  |
|                  | 156.14-159.14    |                                                                                                                                                                                                                                       |             |       |          |          | 935024        |       |      |             |  |  |  |
|                  | 159.14-162.14    |                                                                                                                                                                                                                                       |             |       |          |          | 935025        |       |      |             |  |  |  |
|                  | 162.14-165.14    |                                                                                                                                                                                                                                       |             |       |          |          | 935026        |       |      |             |  |  |  |
|                  | 165.14-166.49    | TR SPH, CPY                                                                                                                                                                                                                           |             |       |          |          | 935027        |       |      |             |  |  |  |
|                  | 165.40-169.49    | STRONG PERVASIVE CHL ALT PO SEAMS & FRAC 2-10%                                                                                                                                                                                        |             |       |          | 10° B    |               |       |      |             |  |  |  |
|                  | 168.76-170.80    | VUGGY FRACTURES FILLED WITH OILY PYROBIT (NOT FROM THE DRILL!)                                                                                                                                                                        |             |       |          |          |               |       |      |             |  |  |  |
|                  | 169.49-170.69    | INTENSE, YELLOW QTZ-CARB ALT WITH INCREASING BX, PO ≈ PY, TOTAL SULPH 10-20%                                                                                                                                                          |             |       |          |          |               |       |      |             |  |  |  |
| WEAK             | 170.69-176.56    | SHEAR ZONE & STRONG BX, WHITE QTZ-CARB FRAGS IN SEN GROUNDMASS, WEAK-NONE CHL ALT, PY > PO, TOTAL SULPH 1-5%                                                                                                                          |             |       |          |          |               |       |      |             |  |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                                                                                                                                                                                                            | HOLE C94-63 | ANGLE    | LENGTH | N             | E     | ELEV | Page 6 of 7 |  |  |
|------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|--------|---------------|-------|------|-------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                      |             | UNIT     | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu %        |  |  |
|                  | 131.70           | ALTERED TUFF CONT                                                                                                                                                                                                                                                                                                                                                                                                                |             | TUFF ALT |        |               |       |      |             |  |  |
|                  | 166.49-169.49    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |        | 935028        |       |      |             |  |  |
|                  | 169.49-170.69    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |        | 935029        |       |      |             |  |  |
|                  | 170.69-173.69    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |        | 935030        |       |      |             |  |  |
|                  | 173.69-176.56    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |        | 935031        |       |      |             |  |  |
|                  | 175.42-176.56    | DECREASING BY, INCREASING CHL ALT 4 PO                                                                                                                                                                                                                                                                                                                                                                                           |             |          |        |               |       |      |             |  |  |
|                  | 176.56-192.15    | DARK GREEN & GREY GREEN, MOD PERV SIL ALT<br>MOD-STRONG CHL ALT, MASSIVE FG TUFF<br>WEAKLY MOTTLED, NETWORK FRAC FILL PO & PY<br>2-20%                                                                                                                                                                                                                                                                                           |             |          |        |               |       |      |             |  |  |
|                  | 176.56-179.56    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |        | 935032        |       |      |             |  |  |
|                  | 179.56-182.56    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |        | 935033        |       |      |             |  |  |
|                  | 182.56-185.56    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |        | 935034        |       |      |             |  |  |
|                  | 185.56-188.56    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |        | 935035        |       |      |             |  |  |
|                  | 185.28-192.15    | FOL/BEDDING PARA LCA                                                                                                                                                                                                                                                                                                                                                                                                             |             |          | 0° B   |               |       |      |             |  |  |
|                  | 188.56-190.56    | DECREASING PO                                                                                                                                                                                                                                                                                                                                                                                                                    |             |          |        | 935036        |       |      |             |  |  |
|                  | 190.56-192.15    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |        | 935037        |       |      |             |  |  |
| WEAK PO PY SPH   | 192.15           | GREYWACKE: GREEN GREY, "PUDDINGSTONE"<br>APPEARANCE, MASSIVE, CLASTS OF ABOVE<br>TUFF TO 4cm, SUBROUNDED, SOME WITH<br>ALT HALOS, BULK OF CLASTS ARE WHITE<br>TO LIGHT GREY "CHERT", 2mm-2cm. VFG<br>CHL ALT MATRIX 10-20%. PO & MINOR PY AS<br>REPL WITHIN & AROUND CLASTS, & AS FRAC<br>FILL, 1-10%. TR BLEBS RED SPH. TR CPY<br>FG-MG UPPER CONTACT FOR 8cm, COARSEN-<br>ING RAPIDLY DOWNHOLE. WEAK QTZ-CARB<br>FRAC & VNITS. |             | WACK     | 37° UC |               |       |      |             |  |  |

[illegible]

COLLARED 0400h 29-10-94 -50 RECOLLARED 2000h 29-10-94 -57

EOH 1630h 2-11-94

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                                                                                           | HOLE C94-64 | ANGLE -57  | LENGTH 98.14 | N             | E     | ELEV | Page 1 of 3 |  |  |
|------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|--------------|---------------|-------|------|-------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                     |             | UNIT       | STRUCT       | SAMPLE NUMBER | REC % | Ni % | Cu %        |  |  |
|                  | 0                | OVBN                                                                                                                                                                                                                                                                                                            |             | OVBN       |              |               |       |      |             |  |  |
|                  | 12.19            | BASALTIC AGGLOMERATE: MAG. RICH, STREAKY SIL ALT + WEAKLY BX. NO SULPH.                                                                                                                                                                                                                                         |             | AGGL       |              |               |       |      |             |  |  |
| STRONG PO PY     | 12.36            | BEDDED TUFF: FG-MG, GREENS & GREYS BANDED, WELL BEDDED TUFF, WEAK TO STRONG VARIABLE SIL + CHL ALT, LOCAL POT & ALB SI-OT ALT, MASSIVE PO VNS TO 4cm T.W. BUT BULK OF PO AS FRAC FILL X-CUTTING, & AS REPL NETWORKS & BLEBS. PO 5-20% PY 1-5%, UC IN BROKEN CORE. BEDDING AT 12.5m 21°, FLATTENS TO 61° BY 17m. |             | TUFF BED   | 21° B        |               |       |      |             |  |  |
|                  |                  |                                                                                                                                                                                                                                                                                                                 |             |            | 61° B        |               |       |      |             |  |  |
|                  |                  |                                                                                                                                                                                                                                                                                                                 |             |            | 60° B        |               |       |      |             |  |  |
|                  | 12.36-15.36      |                                                                                                                                                                                                                                                                                                                 |             |            |              | 935040        |       |      |             |  |  |
|                  | 15.36-18.36      |                                                                                                                                                                                                                                                                                                                 |             |            |              | 935041        |       |      |             |  |  |
|                  | 18.36-21.36      |                                                                                                                                                                                                                                                                                                                 |             |            |              | 935042        |       |      |             |  |  |
|                  | 21.36-24.36      |                                                                                                                                                                                                                                                                                                                 |             |            |              | 935043        |       |      |             |  |  |
|                  | 24.36-27.36      |                                                                                                                                                                                                                                                                                                                 |             |            |              | 935044        |       |      |             |  |  |
|                  | 27.36-28.80      | DECREASING PO                                                                                                                                                                                                                                                                                                   |             |            |              | 935045        |       |      |             |  |  |
|                  | 28.80-30.89      |                                                                                                                                                                                                                                                                                                                 |             |            |              | 935046        |       |      |             |  |  |
| BAR.             | 30.89            | CHL ALT TUFF: MASSIVE, DARK GREEN, MG WITH STRONG PERVASIVE CHL ALT, NO SULPH                                                                                                                                                                                                                                   |             | TUFF CHL   |              |               |       |      |             |  |  |
| MOD PO PY CPY    | 34.50            | SPOTTED & BANDED TUFF: MOD-STRONG SIL & CHL ALT + WEAK POT ALT BANDING, LOCAL ALB SPOTS, REPL BANDS & FRAC FILL PO 2-20%, PY 1-5%, CPY-TR-2%, RARE LAPS, MINOR CHERT (?) INTERBEDS.                                                                                                                             |             | TUFF SPAND | 52° FOL      |               |       |      |             |  |  |
|                  | 39.23-39.93      | SHEAR ZONE                                                                                                                                                                                                                                                                                                      |             |            | 45° SZ       |               |       |      |             |  |  |

| PROJECT CANALASK |                  | CLAIM                                     | HOLE C94-64 | ANGLE | LENGTH | N             | E     | ELEV |      | Page 2 of 3 |  |  |
|------------------|------------------|-------------------------------------------|-------------|-------|--------|---------------|-------|------|------|-------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                               |             | UNIT  | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu % |             |  |  |
| MOD              | 34.50            | TUFF SPAND CONT                           |             |       |        |               |       |      |      |             |  |  |
| PO PY            | 34.50-37.50      |                                           |             |       |        | 935047        |       |      |      |             |  |  |
| CPY              | 37.50-40.50      |                                           |             |       |        | 935048        |       |      |      |             |  |  |
|                  | 40.50-43.50      |                                           |             |       |        | 935049        |       |      |      |             |  |  |
|                  | 43.50-46.50      |                                           |             |       |        | 935050        |       |      |      |             |  |  |
|                  | 46.50-47.48      |                                           |             |       |        | 935051        |       |      |      |             |  |  |
| WEAK             | 47.48            | GABBRO: MOD POT ALT (PHLOG SPOTS), STRONG |             | GABRO |        |               |       |      |      |             |  |  |
| PO PY            |                  | TO MOD SIL ALT, WEAK FRAC & FRECKLE       |             | ALT   |        |               |       |      |      |             |  |  |
| CPY              |                  | TO STRONG PERV CHL ALT, PY & PO IN        |             |       |        |               |       |      |      |             |  |  |
| SPH              |                  | FRAC CONTROL BLEBS & VFG REPL IN MATRIX   |             |       |        |               |       |      |      |             |  |  |
|                  |                  | 1-5%                                      |             |       |        |               |       |      |      |             |  |  |
|                  | 47.48-55.23      | FG, STRONGLY ALTERED, BROKEN, LOCALLY     |             |       |        |               |       |      |      |             |  |  |
|                  |                  | SHEARED & SER ALT, UC TAKEN AT            |             |       |        |               |       |      |      |             |  |  |
|                  |                  | CHANGE OF ALT (CHL & POT & SILT)          |             |       |        |               |       |      |      |             |  |  |
|                  | 55.23-68.02      | STRONG PERV CHL ALT, WEAK-MOD SIL ALT     |             |       |        |               |       |      |      |             |  |  |
|                  |                  | DARK GREY TO BLACK GREEN, LOCAL MOTTL     |             |       |        |               |       |      |      |             |  |  |
|                  |                  | TEXTURE FROM PLAG REGROWTHS, MINOR        |             |       |        |               |       |      |      |             |  |  |
|                  |                  | QTZ-CARB VNLTs, TR SPH, TR-2% CPY         |             |       |        |               |       |      |      |             |  |  |
|                  | 47.48-50.48      |                                           |             |       |        | 935052        |       |      |      |             |  |  |
|                  | 50.48-53.48      |                                           |             |       |        | 935053        |       |      |      |             |  |  |
|                  | 53.48-56.48      |                                           |             |       |        | 935054        |       |      |      |             |  |  |
|                  | 56.48-59.48      |                                           |             |       |        | 935055        |       |      |      |             |  |  |
|                  | 59.48-62.48      |                                           |             |       |        | 935056        |       |      |      |             |  |  |
|                  | 62.48-65.48      |                                           |             |       |        | 935057        |       |      |      |             |  |  |
|                  | 61.00-63.29      | AV 20cm SHEAR ZONES, STRONG SER           |             |       | 23°    |               |       |      |      |             |  |  |
|                  |                  | BX & HEALED & REBX GABBRO, WIDE SER       |             |       | SZ     |               |       |      |      |             |  |  |
|                  |                  | ALT RIMS ON BIO PHENOS, GYP XTLS (?)      |             |       |        |               |       |      |      |             |  |  |
|                  | 64.46-64.55      | MILLED BX 3mm PELLETS IN CALC MATRIX      |             |       |        |               |       |      |      |             |  |  |
|                  | 65.48-68.02      |                                           |             |       |        | 935058        |       |      |      |             |  |  |

| PROJECT CANALASK            |                  | CLAIM                                                                                                                                                                                                                                                                                                                            | HOLE C94-64 | ANGLE | LENGTH              | N      | E             | ELEV  |      | Page 3 of 3 |  |  |
|-----------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|---------------------|--------|---------------|-------|------|-------------|--|--|
| VISUAL LOG                  | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                                                                                      |             |       | UNIT                | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu %        |  |  |
| WEAK<br>PO PY<br>CPY<br>SPH | 68.02            | GABBRO ALT BX: NO APPARENT LITHO CHANGE FROM ABOVE UNIT. GABBRO LOOKS BY, BUT IS ALT INDUCED & NOT MECH. BLEACHED (SIL ALT ± EP ALT) ANGULAR TO MOTTLED (ROUNDED, VAGUE OUTLINES) FRAGMENTS WITH UNALT PHENOS PX + RARE BIO. MOD-STRONG CHL ALT MATRIX WITH GHOST PHENOS PX, BIO ± PLAG. TR-1% SPH, REPL BLEDS PO+PY IN CHL 1-3% |             |       | GABBRO<br>ALT<br>BX |        |               |       |      |             |  |  |
|                             | 68.02-71.02      |                                                                                                                                                                                                                                                                                                                                  |             |       |                     |        | 935059        |       |      |             |  |  |
|                             | 71.02-74.02      |                                                                                                                                                                                                                                                                                                                                  |             |       |                     |        | 935060        |       |      |             |  |  |
|                             | 74.02-77.02      |                                                                                                                                                                                                                                                                                                                                  |             |       |                     |        | 935061        |       |      |             |  |  |
|                             | 77.02-79.82      |                                                                                                                                                                                                                                                                                                                                  |             |       |                     |        | 935062        |       |      |             |  |  |
|                             | 75.40-79.82      | GRAD INCREASE IN POT ALT AS K-FSPAR, FRAC CONTROLLED, LOCALLY MOTTLED, USU MASSIVE.                                                                                                                                                                                                                                              |             |       |                     |        |               |       |      |             |  |  |
|                             | 78.50-79.82      | ABRUPT DECREASE FROM STRONG TO MOD CHL ALT, TR-1% PY & PO                                                                                                                                                                                                                                                                        |             |       |                     |        |               |       |      |             |  |  |
| TR                          | 79.82-89.41      | SHEAR ZONE: STRONG SER ALT, WEAK CHL ALT, QTZ-CARB FRAC FILL & VNLTs ± EP. STRONG MASSIVE HEM ON SOME FRAC, RARE INT WITH SURVIVING GABBRO ALT BX & TR-1% PY > PO. TR MAL IN STRONG SIL ALT SHEARS.                                                                                                                              |             |       |                     |        |               |       |      |             |  |  |
|                             | 87.78-89.41      | SHEARING GRAD LESSENS                                                                                                                                                                                                                                                                                                            |             |       |                     |        |               |       |      |             |  |  |
|                             | 79.82-82.82      |                                                                                                                                                                                                                                                                                                                                  |             |       |                     |        | 935063        |       |      |             |  |  |
|                             | 89.41-98.14      | LOCAL STRONG EP ALT, DISCRETE SHEARING WITH HEM, PY TR-1%, SOME GABBRO FRAG MAG RICH. BX MATRIX STRONG CHL ALT                                                                                                                                                                                                                   |             |       |                     |        |               |       |      |             |  |  |
|                             | 98.14            | EOH 1630h 2-11-94<br>ACID TEST                                                                                                                                                                                                                                                                                                   |             |       |                     |        |               |       |      |             |  |  |

COLLARED 0130h 3-11-94

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                          | HOLE C94-65 | ANGLE 55 | LENGTH        | N     | E    | ELEV | Page 1 of 3 |  |  |  |
|------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|---------------|-------|------|------|-------------|--|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                    | UNIT        | STRUCT   | SAMPLE NUMBER | REC % | Ni % | Cu % |             |  |  |  |
|                  | 0                | OVERBURDEN: GLACIAL TILL                                                                                                                                       | OVBN        |          |               |       |      |      |             |  |  |  |
| STRONG PO PY CPY | 9.14             | SPOTTED & Banded TUFF: FG TO MG, MOD Banded SIL & CHL ALT, WEAK POT & ALB SPOTS, PO 20% AS REPL ALONG BANDS, WEAK X-CUT FRAC FILL, PY & CPY 2-5%               | TUFF SPAND  | 45° FOL  |               |       |      |      |             |  |  |  |
|                  | 9.14-12.14       |                                                                                                                                                                |             |          | 935065        |       |      |      |             |  |  |  |
|                  | 12.14-13.73      |                                                                                                                                                                |             |          | 935066        |       |      |      |             |  |  |  |
|                  | 13.73            | CONTACT ZONE: STRONGLY SHEARED WITH CALC VN BX                                                                                                                 |             |          |               |       |      |      |             |  |  |  |
| TR               | 13.87            | GABBRO DYKE: DARK GREEN GREY, MASSIVE MG WITH BIG PX PHENOS 1-2mm TR-1% PO PY                                                                                  | GABRO       |          |               |       |      |      |             |  |  |  |
|                  | 13.73-16.14      |                                                                                                                                                                |             |          | 935067        |       |      |      |             |  |  |  |
| MOD              | 16.14            | LAPILLI ASH TUFF: WELL BEDDED WITH STREAKY AMORPHOUS SIL CHL ALT ALONG BEDDING, LAPS 2-5mm ~ 10%, SHARP UNCONFORMABLE BLEACHED UC, S-M REPL PO 10%, CONFORM LC | TUFF LAP    | 16° B    |               |       |      |      |             |  |  |  |
| STRONG PO PY CPY | 16.55            | ASH TUFF: MASSIVE, FG-MG LIGHT GREY TO GREEN GREY, MOD PERV SIL ALT, FRAC CONTROLLED REPL BLEBS PO + CPY & PY 10-50%, RARE LAPS                                | TUFF ASH    |          |               |       |      |      |             |  |  |  |
|                  | 16.14-18.40      |                                                                                                                                                                |             |          | 935068        |       |      |      |             |  |  |  |
| S-M              | 18.40-20.26      |                                                                                                                                                                |             |          | 935069        |       |      |      |             |  |  |  |
|                  | 20.26-22.55      | AMORPHOUS BANDING TR SPH                                                                                                                                       |             |          | 935070        |       |      |      |             |  |  |  |
| TR               | 22.55            | GABBRO DYKE: FG MASSIVE DARK GREY GREEN, TR PY PO                                                                                                              |             |          |               |       |      |      |             |  |  |  |
|                  | 22.55-23.35      |                                                                                                                                                                |             |          | 935071        |       |      |      |             |  |  |  |

| PROJECT CANALASK |                  | CLAIM                                                                                                                                                                                                                                                                | HOLE C94-55 | ANGLE | LENGTH     | N        | E             | ELEV  |      | Page 2 of 3 |  |  |
|------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|------------|----------|---------------|-------|------|-------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                                                                                                                                                                                                                                                          |             |       | UNIT       | STRUCT   | SAMPLE NUMBER | REC % | Ni % | Cu %        |  |  |
| STRONG PO        | 23.35            | SPOTTED & BANDED TUFF: GREYS & GREENS, FG TO CG, MOD TO STRONG SIL CHL ALT. LOCAL SER ALT, USU ON SHEARS, CG INT FROM REXTLZN WITH MOD ALB SPOT ALT & WEAK POT ALT, FRAC REPL PO 5-20% TR CPY                                                                        |             |       | TUFF SPAND |          |               |       |      |             |  |  |
|                  | 23.35-25.80      | 3 MASSIVE PO VHS, TW 7, 2 x 5 cm REPL NETWORK PO 5-10%                                                                                                                                                                                                               |             |       |            |          | 935072        |       |      |             |  |  |
|                  | 25.80-28.50      |                                                                                                                                                                                                                                                                      |             |       |            |          | 935073        |       |      |             |  |  |
| S-M              | 28.50-30.48      | PO 30-70% CPY TR-1%                                                                                                                                                                                                                                                  |             |       |            |          | 935074        |       |      |             |  |  |
|                  | 30.48-32.15      | VFG FINELY BANDED PO 10-20% CPY 5%                                                                                                                                                                                                                                   |             |       |            | 33° B    | 935075        |       |      |             |  |  |
|                  | 32.15-33.87      | CG REXTLZED, MASSIVE, NETWORK PO 10%                                                                                                                                                                                                                                 |             |       |            |          | 935076        |       |      |             |  |  |
|                  | 33.87-35.50      | BANDED, FRAC PO 5-10%                                                                                                                                                                                                                                                |             |       |            | 26° B    | 935077        |       |      |             |  |  |
|                  | 35.50-37.90      | CG REXTLZED, ALB SPOTS, REPL PO 2-10%                                                                                                                                                                                                                                |             |       |            |          | 935078        |       |      |             |  |  |
|                  | 37.90-40.84      | BANDED, FRAC & REPL PO 5-10% CPY TR-1% FRABS ARG AT 40.63                                                                                                                                                                                                            |             |       |            |          | 935079        |       |      |             |  |  |
| MOD PO PY        | 40.84            | CHERTY ARG INTERBEDDED WITH LAP TUFF & ASH TUFF: BLACK, WEAKLY BEDDED SIL ARG, LOCALLY BLEACHED & BX ALONG BEDDING WITH WISPY PO & PY, INTERBEDDED ~20cm WITH GREEN & PINK LAPILLI & ASH TUFFS. MOD CHL & WEAK POT ALT, VNLT BX TO 1cm OF PO & PY, TOTAL SULPH 5-10% |             |       | ARG TUFF   | 29° B    |               |       |      |             |  |  |
|                  | 40.84-43.89      |                                                                                                                                                                                                                                                                      |             |       |            |          | 935080        |       |      |             |  |  |
| MOD PO PY        | 43.89            | SPOTTED & BANDED TUFF: "CHERTY", VFG TO MG, GREENS, BLUE GREENS, PINKS & GREYS WELL BANDED, MOD TO STRONG SIL ALT WEAK TO MOD CHL, POT & ALB ALT, BANDING ALONG BEDDING, MINOR Y-CUT QTZ-CARB VNITS, REPL & FRAC FILL BX PO 2-50% PY 1-5%                            |             |       | TUFF SPAND | 17-23° B |               |       |      |             |  |  |

| PROJECT CANALASK |                  | CLAIM                                    | HOLE C94-65 | ANGLE       | LENGTH | N             | E     | ELEV | Page 3 of 3 |  |  |
|------------------|------------------|------------------------------------------|-------------|-------------|--------|---------------|-------|------|-------------|--|--|
| VISUAL LOG       | FROM-TO (metres) | DESCRIPTION                              |             | UNIT        | STRUCT | SAMPLE NUMBER | REC % | Ni % | Cu %        |  |  |
|                  | 43.89            | TUFF SPAND CONT                          |             |             |        |               |       |      |             |  |  |
|                  | 43.89-45.54      | TR GAL                                   |             |             |        | 935081        |       |      |             |  |  |
|                  | 45.54-46.76      | PO REPL ALONG BANDING 50%                |             |             |        | 935082        |       |      |             |  |  |
|                  | 46.76-49.76      | PO 10-30%                                |             |             |        | 935083        |       |      |             |  |  |
|                  | 49.76-52.76      | PO 2-10%                                 |             |             |        | 935084        |       |      |             |  |  |
|                  | 52.76-54.35      |                                          |             |             |        | 935085        |       |      |             |  |  |
| WEAK             | 54.35            | "GABBRO ALT" OR "TUFF SPOT"              |             | "TUFF SPOT" |        |               |       |      |             |  |  |
|                  |                  | PROBABLY A STRONGLY ALTERED, REXTLZED    |             |             |        |               |       |      |             |  |  |
|                  |                  | TUFF: MG-CG MASSIVE, MOD TO              |             |             |        |               |       |      |             |  |  |
|                  |                  | STRONG POT SPOT TO PERV ALT, WEAK        |             |             |        |               |       |      |             |  |  |
|                  |                  | PERV SIL ALT, PATCHY, FRECKLED & LOCALLY |             |             |        |               |       |      |             |  |  |
|                  |                  | PERV CHL ALT, FRAC PO 1-5%, TR SPH, CPY  |             |             |        |               |       |      |             |  |  |
|                  | 54.35-57.35      |                                          |             |             |        | 935086        |       |      |             |  |  |
|                  | 57.35-60.35      |                                          |             |             |        | 935087        |       |      |             |  |  |
|                  | 60.35-63.35      |                                          |             |             |        | 935088        |       |      |             |  |  |
|                  | 60.20-70.79      | WEAK POT ALT, WEAK TO MOD ALB MOTTLES    |             |             |        |               |       |      |             |  |  |
|                  |                  | ALT, ERRATIC PO AS REPL NETWORKS,        |             |             |        |               |       |      |             |  |  |
|                  |                  | LOCALLY TO 20%, AV 5%, CORE IS           |             |             |        |               |       |      |             |  |  |
|                  |                  | BROKEN WITH WEAK SER ALT ON SMALL        |             |             |        |               |       |      |             |  |  |
|                  |                  | SHEARS                                   |             |             |        |               |       |      |             |  |  |
|                  | 63.35-66.35      |                                          |             |             |        | 935089        |       |      |             |  |  |
|                  | 66.35-69.35      | SLOW INCREASE IN POT SPOT ALT            |             |             |        | 935090        |       |      |             |  |  |
|                  | 69.35-70.79      | DECREASING PO FROM 10% TO 1%             |             |             |        | 935091        |       |      |             |  |  |
| TR               | 70.79            | ALTERATION BX: UC AT CHANGE OF ALT       |             | ALT         |        |               |       |      |             |  |  |
|                  |                  | AMORPHOUS, PINK & GREEN MOTTLED, BX      |             | BX          |        |               |       |      |             |  |  |
|                  |                  | & HEALED TUFF? STRONG SIL & POT ALT,     |             |             |        |               |       |      |             |  |  |
|                  |                  | LOCAL CHL FRAGS WITH POT RX RIMS,        |             |             |        |               |       |      |             |  |  |
|                  |                  | TR PO SPH PY                             |             |             |        |               |       |      |             |  |  |
|                  | 70.79-72.85      |                                          |             |             |        | 935092        |       |      |             |  |  |
|                  | 72.85-74.37      | NO SULPH                                 |             |             |        | 935093        |       |      |             |  |  |

74.37 EOH 1530h 5-11-94 HEAD -56°  
ACID TEST EOH -53.5

**APPENDIX IV**  
**SELECTED REFERENCES**

## SELECTED REFERENCES

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