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REPORT ON

1997 DIAMOND DRILLING

on the

CANALASK PROPERTY

Cana 1-6 (YA97083-YA97088)
Micro 1-2 (86108-86109)
Micro 3-4 (86111-86112)
Micro 6 (86115)
Micro 10-11 (86367-86368)
Micro 12 (86360)
River 1-8 (YB38253-YA38260)
White 1-18 (YB38234-YB38251)
White 20 (YB38252)
Weng 1F-2F (YA96585-YA96586)
Weng 3-10 (YA96732-YA96739)
Weng 11 (YB06099)
Onion 1-13 (YA96595-YA96607)
Onion 14-25 (YA97913-YA97924)
WR 1-80 (YB96868-YB96947)
WR 83-96 (YB96948-YB96961)
WR 97-121 (YB97330-YB97354)

NTS 115F/15, 16

093698

Latitude 61°57'N; Longitude 140°32'W

Whitehorse Mining District

for

Expatriate Resources Ltd.

by

R.C. Carne, P.Geo.
May, 1997

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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 196 claim property is wholly-owned by Expatriate Resources Ltd. Previous work has consisted of geochemical surveys, geophysical surveys, surface and underground diamond drilling, underground exploration, bulk sampling and metallurgical testing. The 1997 drill program tested areas of strong coincident electromagnetic and magnetic response outside the main areas of known mineralization that were revealed by an airborne geophysical survey flown in 1996.

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 sub-aerial 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 and hanging wall contacts. 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 (PGE) 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. This style of mineralization was the focus of the previous exploration.

Three parallel, en echelon zones of mineralization and alteration are present. The **Main Zone** forms a steeply dipping tabular body about 130 m long, averaging 23 m in width. The most recent resource calculation reported an inventory of 390,235 tonnes grading 1.35% nickel.

Preliminary metallurgical studies of material from the Main Zone have returned very encouraging results, including one test that yielded 94% recovery and produced a concentrate grading 19.7% nickel. Extensive surface and underground exploration of the Main Zone during the 1950's and 1960's has, however, limited opportunities for reserve expansion along strike although the deposit is still open to depth.

The **Footwall Zone** lies about 40 m north of, and stratigraphically below, the Main Zone although with a strike length greater than 600 m it is much more extensive. Mineralization consists of erratic narrow massive sulphide veins and replacements that are enveloped in zones of fracture filling and disseminated sulphide mineralization. Results of drilling in this area and the nearby River Zone in 1994-1995 are summarized in Carne (1996). Although interesting widths of mineralization were encountered, the economic potential of this zone is relatively low.

The 1997 drill program tested areas of extensive, high strength, coincident magnetic and electromagnetic response that were outlined by an August 1996 airborne geophysical survey. These were refined by ground geophysical surveys carried out immediately in advance of the drilling.

Results of the ten hole, 1227.72 m drill program demonstrate that the anomalous geophysical response is due to well developed fault zones within mafic and ultramafic rocks (gabbro, peridotite and dunite) where highly conductive minerals (dominantly pyrrhotite with lesser magnetite and minor native copper) are concentrated as interconnected films and sheet-like

concentrations along shear planes in serpentine. The net result of this is elongate linear zones which are both conductive and magnetic, similar to the response expected for massive sulphide mineralization.

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.

Numerous nickel-copper-cobalt±platinum group element mineral occurrences are associated with Triassic mafic-ultramafic complexes in a belt which stretches across southeast Yukon from British Columbia to Alaska. These vary in economic significance from the 50 million tonne Wellgreen Deposit to the recent Inco discovery, 100 km southeast of the Canalask property, which reportedly contains the highest platinum group element grades ever discovered in western

Canada. The Canalask property has all the characteristics in common to other nearby areas of mineralization with two noteworthy differences: the Canalask mafic-ultramafic complex is one of the largest in the belt and the intensity and extent of alteration and sulphide mineral impregnation of surrounding rocks is the highest yet found in the belt. These factors, plus the widespread nature of known mineral occurrences on the Canalask property, imply that potential for significant new discoveries is high.

The next phase of exploration should initially consist of compilation of data generated by numerous previous operators in the relatively poorly explored Onion Zone, west of the White River and located 9 km west of the 1997 drill program. Sporadic exploration of the Onion Zone between 1952 and 1988 discovered nickel-copper-PGE mineralization along a 1.5 km long intrusive contact between ultramafic and volcanic rocks. Samples of gabbro with disseminated sulphide mineralization from this area assayed as high as 2.66% nickel, 1.08% copper, 1.1 g/t platinum and 1.6 g/t palladium. Samples of this material also contain highly anomalous values of the rare platinum group elements rhodium, ruthenium, osmium and iridium. The mineralized zone, which is reflected by strong coincident airborne and ground EM and magnetic geophysical response, has never been tested by drilling.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

R.C. Carne. P.Geo.

INTRODUCTION

The Canalask Property located in southwest Yukon contains ultramafic related nickel-copper-cobalt ± platinum group element (PGE) mineralization that was first explored in the early 1950's.

The 1997 exploration consisted of 1227.72 m of diamond drilling in ten holes, only seven of which were completed to bedrock, which tested anomalies resulting from a 1996 airborne geophysical survey. The airborne geophysical data was refined by ground magnetic and MaxMin EM surveys carried out coincident with the drilling. The geophysical survey costs were not filed for assessment credit and results are reported elsewhere.

PROPERTY, LOCATION AND ACCESS

The Canalask Property is located in southwest Yukon, just south of the Alaska Highway on NTS map sheets 115F/15 and 16 at Latitude 61°57'N, Longitude 140°32'W (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 196 contiguous claims covering approximately 4000 hectares (Figure 2) in the Whitehorse Mining District as listed below.

Claim Name	Grant Number	Expiry Date*
Cana 1-6	YA97083-YA97088	April 10, 2010
Micro 1-2	86108-86109	April 10, 2010
3-4	86111-86112	April 10, 2010
6	86115	April 10, 2010
10-11	86367-86368	April 10, 2010
12	86360	April 10, 2010
Onion 1-5	YA96595-YA96599	March 19, 2001
6-13	YA96600-YA96607	March 19, 2008
14-17	YA97913-YA97916	March 19, 2001
18-25	YA97917-YA97924	March 19, 2008
River 1-8	YB38253-YB38260	April 10, 2011
Weng 1F-2F	YA96585-YA96586	April 10, 2010
3-10	YA96732-YA96739	April 10, 2010
11	YB06099	April 10, 2010
White 1-18	YB38234-YB38251	April 10, 2011
20	YB38252	April 10, 2011

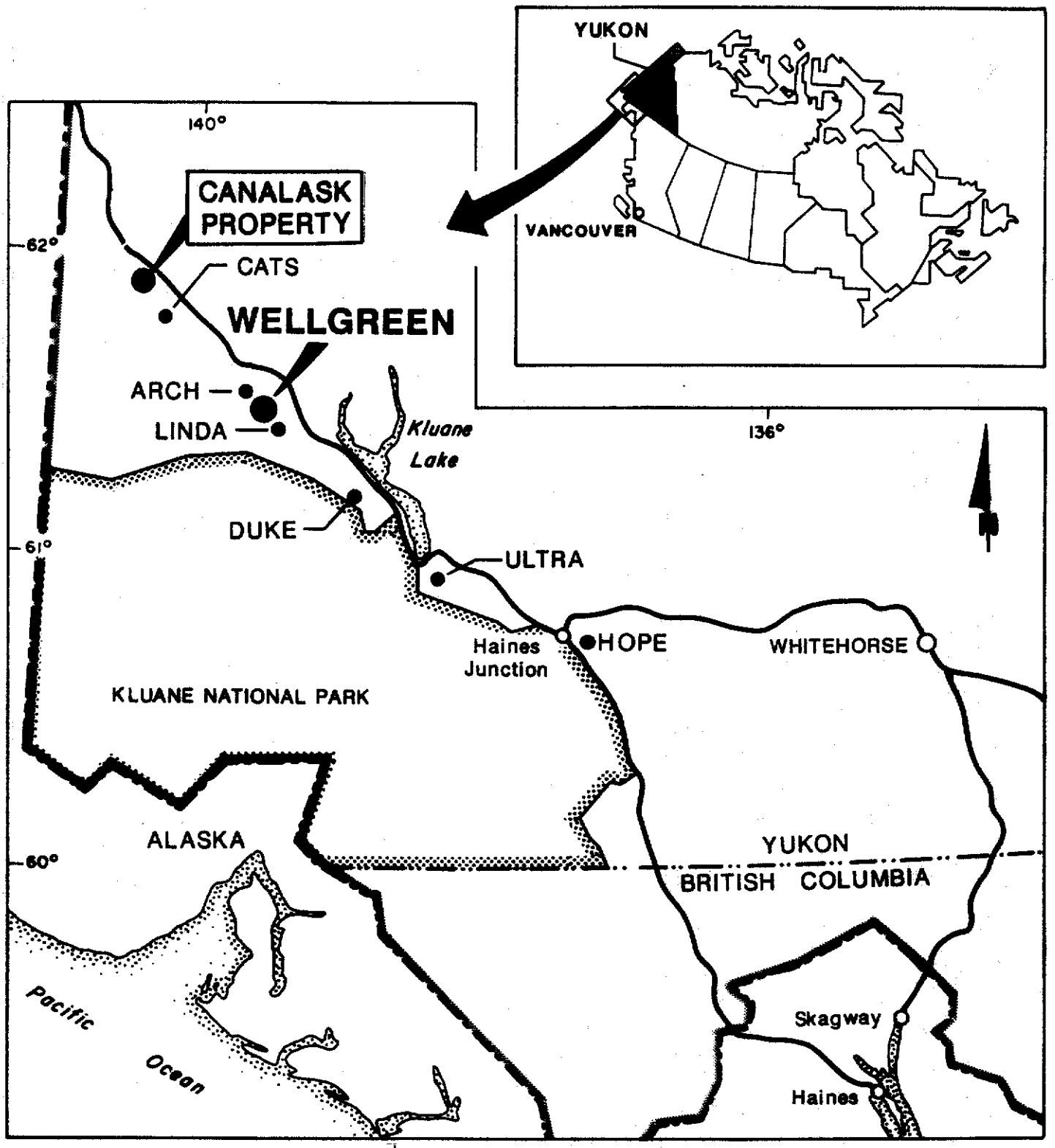


FIGURE 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LOCATION

CANALASK PROPERTY

KLUANE DISTRICT, YUKON

EXPATRIATE RESOURCES LTD.

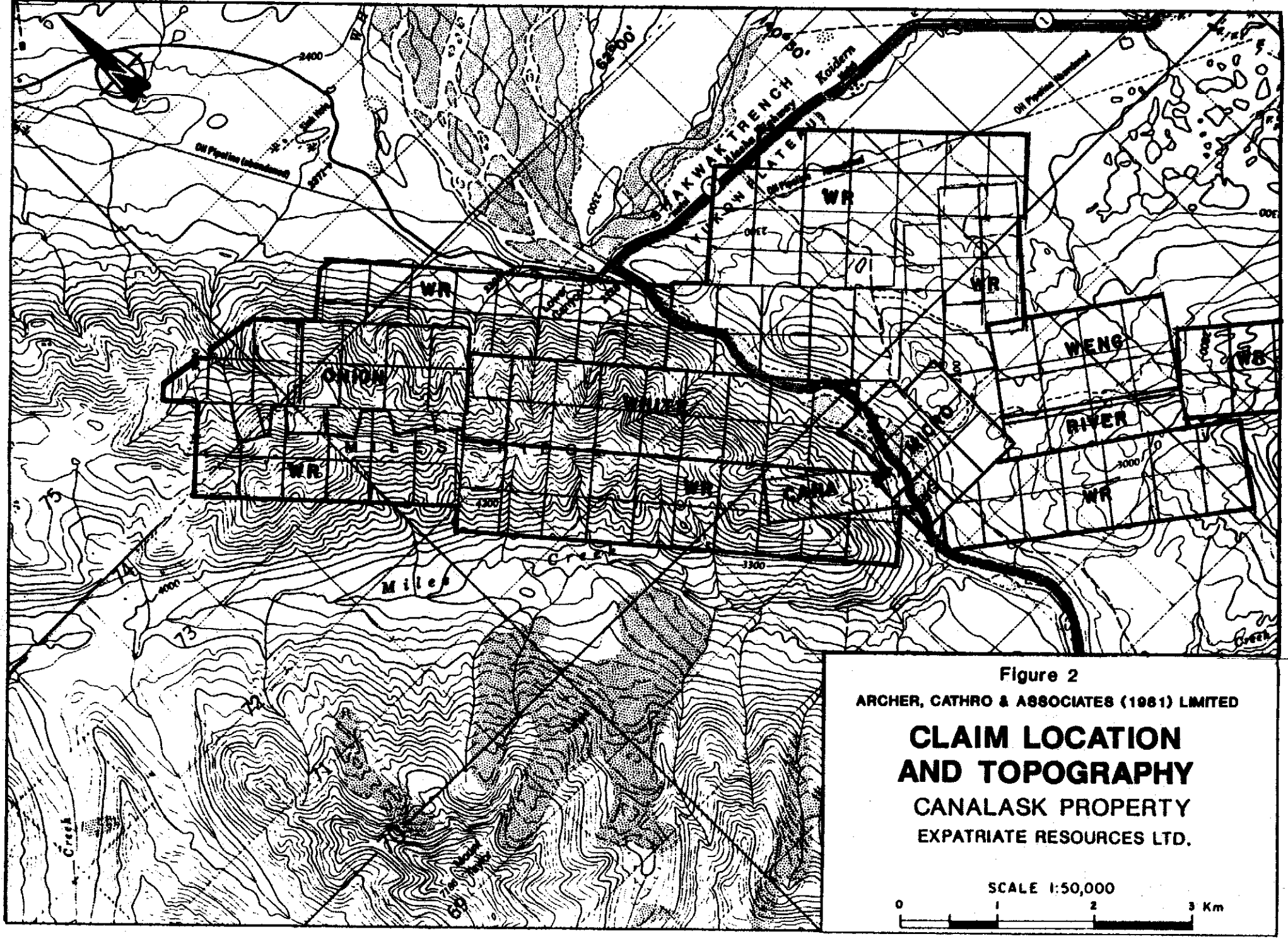


Figure 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION AND TOPOGRAPHY

CANALASK PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE 1:50,000

0 1 2 3 Km

Claim Name	Grant Number	Expiry Date*
WR 1-28	YB96868-YB96895	April 10, 2002
29-30FR	YB96896-YB96897	April 10, 2002
31	YB96898	April 10, 2002
32FR	YB96899	April 10, 2002
33	YB96900	April 10, 2002
34FR	YB96901	April 10, 2002
35-60	YB96902-YB96927	April 10, 2002
61FR	YB96928	April 10, 2002
62	YB96929	April 10, 2002
63F	YB96930	April 10, 2002
64	YB96931	April 10, 2002
65FR	YB96932	April 10, 2002
66-80	YB96933-YB96947	April 10, 2002
83FR	YB96948	April 10, 2002
84-96	YB96949-YB96961	April 10, 2002
97-100	YB97330-YB97333	February 11, 1998
101-121	YB97334-YB97354	April 10, 2001

*Expiry dates include 1996 work filed for assessment credit but not yet accepted.

TOPOGRAPHY AND VEGETATION

East of the White River the claims are underlain by low, rolling hills separated by low-lying swampy areas (Figure 2). 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 while the swampy areas are forested with black spruce and willows. 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. Versluce 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 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 the 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 and 1995 work was funded by Cachet Enterprises Corp. under an option agreement which expired in 1996 and was limited to the Micro 1 to 4 claims. The original mine grid, rehabilitated in 1994, was extended to the north to cover an unsurveyed area and VLF-EM geophysical surveys were carried out over the area of grid extension. A total of 1472 m of drilling in ten holes was completed in 1994-95.

1997 WORK PROGRAM

The 1997 exploration was managed by Archer Cathro. From February 20 to March 11 Archer Cathro personnel conducted or supervised linecutting and line rehabilitation of an old grid, diamond drilling, geophysical surveys and land surveys by GPS and EDM instruments. These personnel were:

Rob Carne	Geologist/Supervision	Vancouver, B.C.
Kel Sax	Geologist	Destruction Bay, Y.T.
Mike Mason-Wood	Geological Assistant	Whitehorse, Y.T.
Jason Owerko	Geological Assistant	Regina, S.K.

Linecutting for 15.2 km and grid rehabilitation for 22.4 km was done by Twin Mountain Enterprises Ltd. of Whitehorse, Yukon from February 26 to March 19.

E. Caron Diamond Drilling Ltd. of Whitehorse, Yukon drilled 1227.72 m of NQ, HQ and casing in 10 holes from March 1 to April 6, seven of which were completed to bedrock. The Val D'Or drill was supported by a D7 winch bulldozer and a 10,000 litre water truck.

Amerok Geosciences Ltd. of Whitehorse, Yukon completed 33 km of MaxMin II EM, 10 km of MaxMin I EM and 14 km of magnetometer surveys from March 14 to 29.

Geochemical analysis of split core was performed by Chemex Labs. Ltd. of North Vancouver, B.C.

Only drilling and drilling-related costs were filed for assessment credit.

GEOLOGY

Regional Geology

The property lies just southwest of the Shakwak-Denali Fault system, a major northwest-trending right-lateral fault that extends from British Columbia into Alaska. 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 Shakwak-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 Shakwak-Denali Faults.

Wrangellia Terrane in the claim area consists mainly of a Pennsylvanian to Permian Skolai Group submarine volcanic and volcaniclastic-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). 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

MIDDLE TRIASSIC

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

PENNSYLVANIAN - LOWER PERMIAN

Skolai Group:

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

Station Creek Formation (Pv): andesitic tuff, agglomerate, volcanic breccia, argillite, limestone

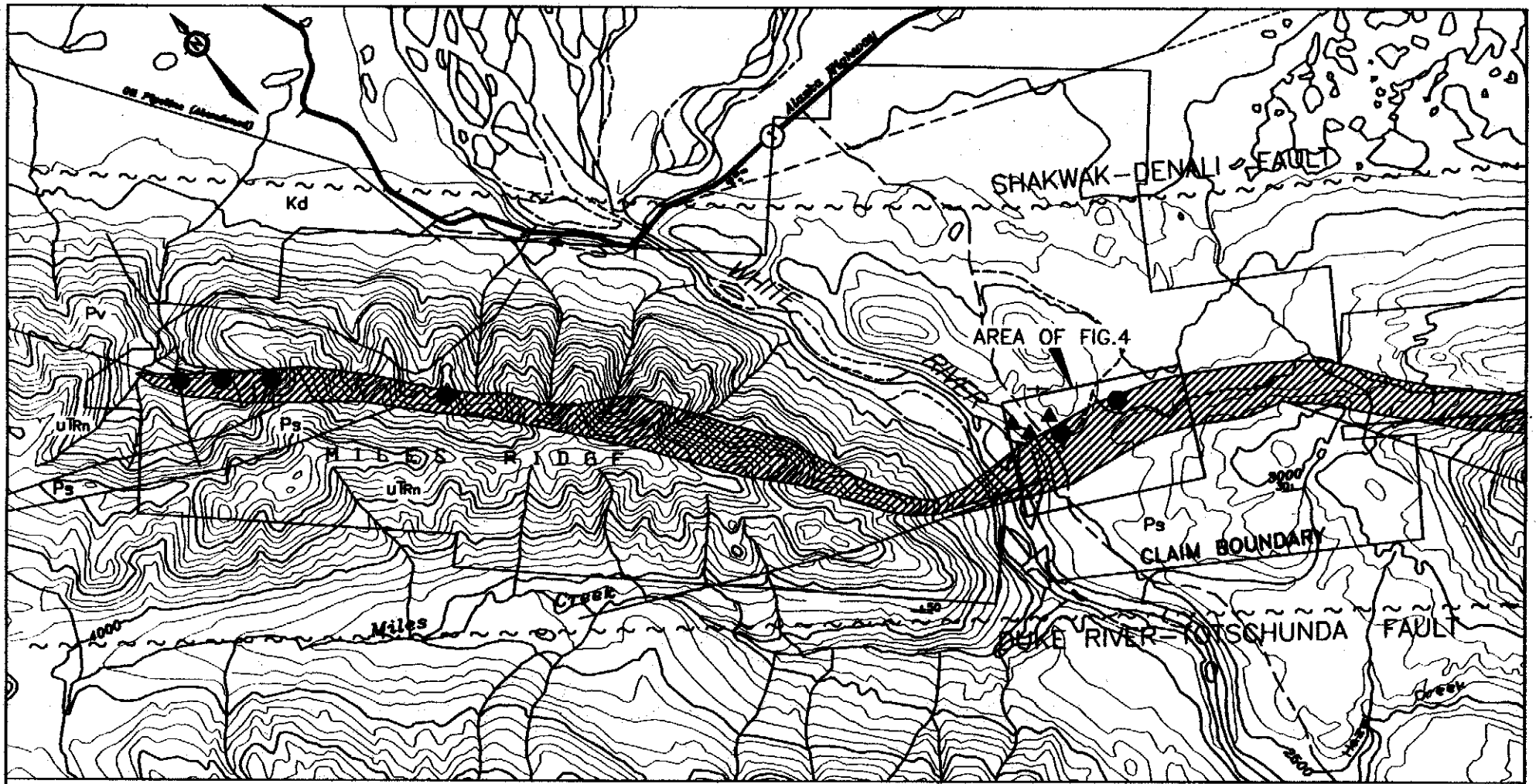
Property Geology

Geology of the eastern part of the property, including the area of 1997 exploration, is generalized on Figure 3 and detailed 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 Formation tuff, agglomerate, volcanic breccia, argillite and limestone on the northeast from Hasen Creek Formation 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° and is approximately 200 m wide on the west side of the river but trends 120° with widths up to 600 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 nonexistent, 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



LEGEND

CRETACEOUS
- Kd — Kluane Range Intrusions

UPPER TRIASSIC
- uTRn — Nikolai Greenstone

MIDDLE TRIASSIC
- White River Mafic–Ultramafic Complex

PENNSYLVANIAN–LOWER PERMIAN
Skolai Group
- Ps — Hasen Creek Fm.
- Pv — Station Creek Fm.

- approximate geological boundary
- major fault
- Ni–Cu±PGE magmatic mineralization
- Ni–Cu–Co exocontact mineralization
- bedding

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

CANALASK PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE 1:50,000

0 1000 2000 3000m

May, 1997

in composition. The more mafic sulphide-bearing gabbros and picrites were generated as a late-stage differentiate from a parent magma chamber at depth and 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 and shearing. The fresh dunite is comprised primarily of 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 Formation

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 Footwall Zone alteration area.

c) Hasen Creek Formation

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-coloured 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. Drilling in 1997 encountered zones of intense serpentinization and shearing up to 50 or 60 m wide within the main ultramafic body. Geophysical evidence suggests that these steeply-dipping features strike in a northwesterly direction. 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 1997 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. Strong geochemical response on the White claims in the central part of the property suggests that more areas of similar mineralization remain to be found. In the eastern part of the property, at least seven holes have been drilled to test for magmatic sulphide mineralization 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. Drilling carried out in 1997 on strike to the northwest and southeast of Hole 73-07 intersected gabbro with only low values of nickel and copper mineralization.

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.

The 1997 drill program tested areas of strong coincident electromagnetic and magnetic response about 1 km southeast of the main area of known mineralization. The anomalies were originally revealed by a Dighem helicopter-borne electromagnetic and magnetic survey flown in August 1996. Follow-up ground MaxMin and magnetic surveys were carried out during the 1997 program to guide the drilling.

Drill hole data is summarized on Table II.

TABLE II
1997 DIAMOND DRILL HOLE COLLARS

	Collar Coordinates				Depth
Hole	Grid East	Grid South	UTM East	UTM North	(m)
97-071	10122E	1390S	524790E	6868722N	155.14
97-072	10122E	1473S	524755E	6868649N	148.74
97-073	10122E	1557S	524719E	6868572N	138.37
97-074	10488E	1280S	525167E	6868668N	32.00*
97-074A	10488E	1280S	525167E	6868668N	48.77*
97-075	10549E	1280S	525223E	6868641N	35.36*
97-076	10549E	1210S	525253E	6868704N	171.91
97-077	10744E	1200S	525434E	6868633N	174.95
98-078	10876E	1200S	525549E	6868577N	167.34
97-079	10427E	1260S	525119E	6868715N	155.14
					1227.72

*abandoned in overburden

Drill hole geology is presented as cross sections on Figures 5 through 11. Drill logs with sample numbers are located in Appendix II while corresponding analytical certificates are located in Appendix III. Geotechnical logs are given in Appendix IV.

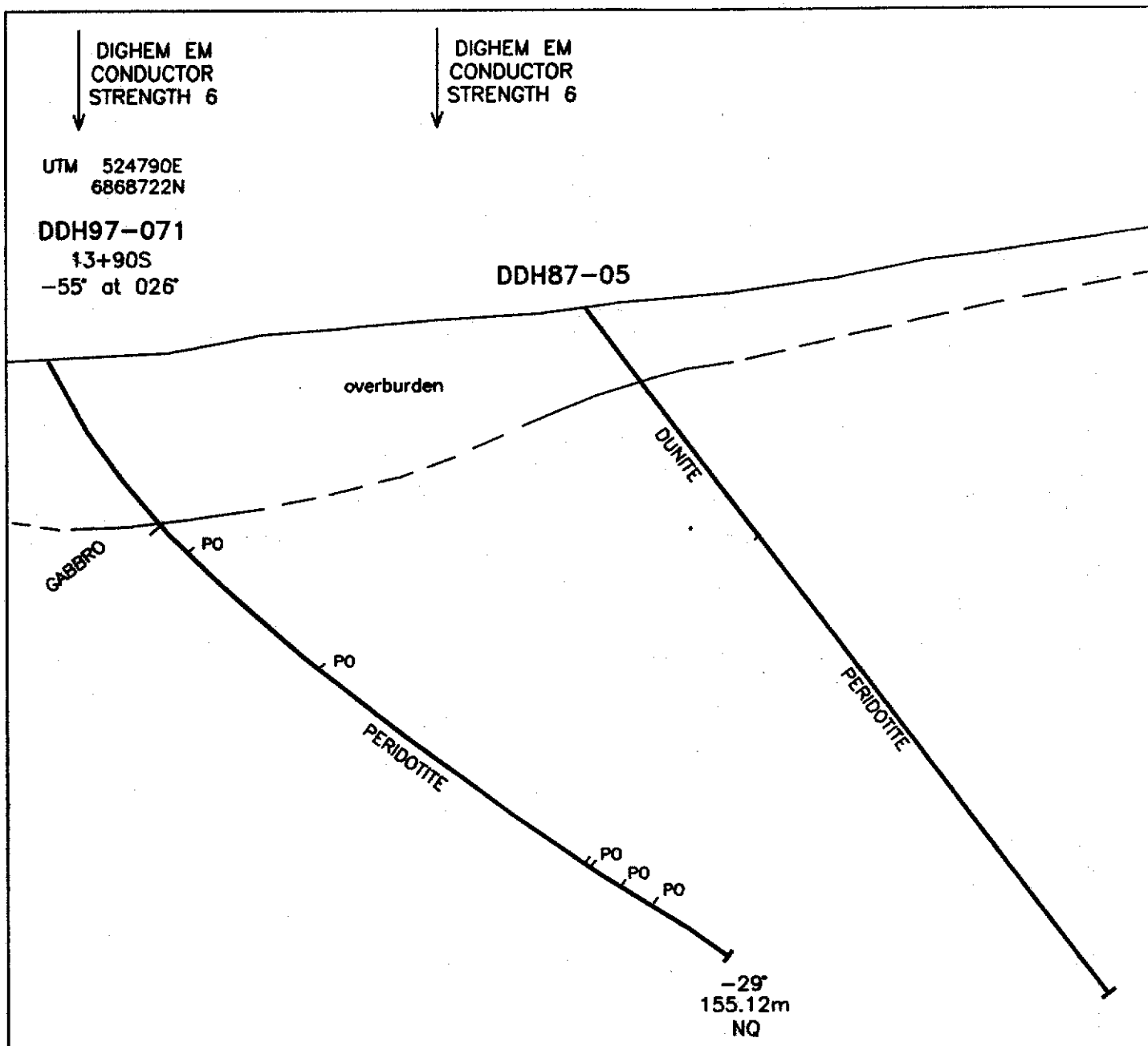


FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CROSS-SECTION 101+22E

CANALASK PROJECT

EXPATRIATE RESOURCES LTD.

SCALE 1:1000

0 10 20 30 40 50

metres

May, 1997

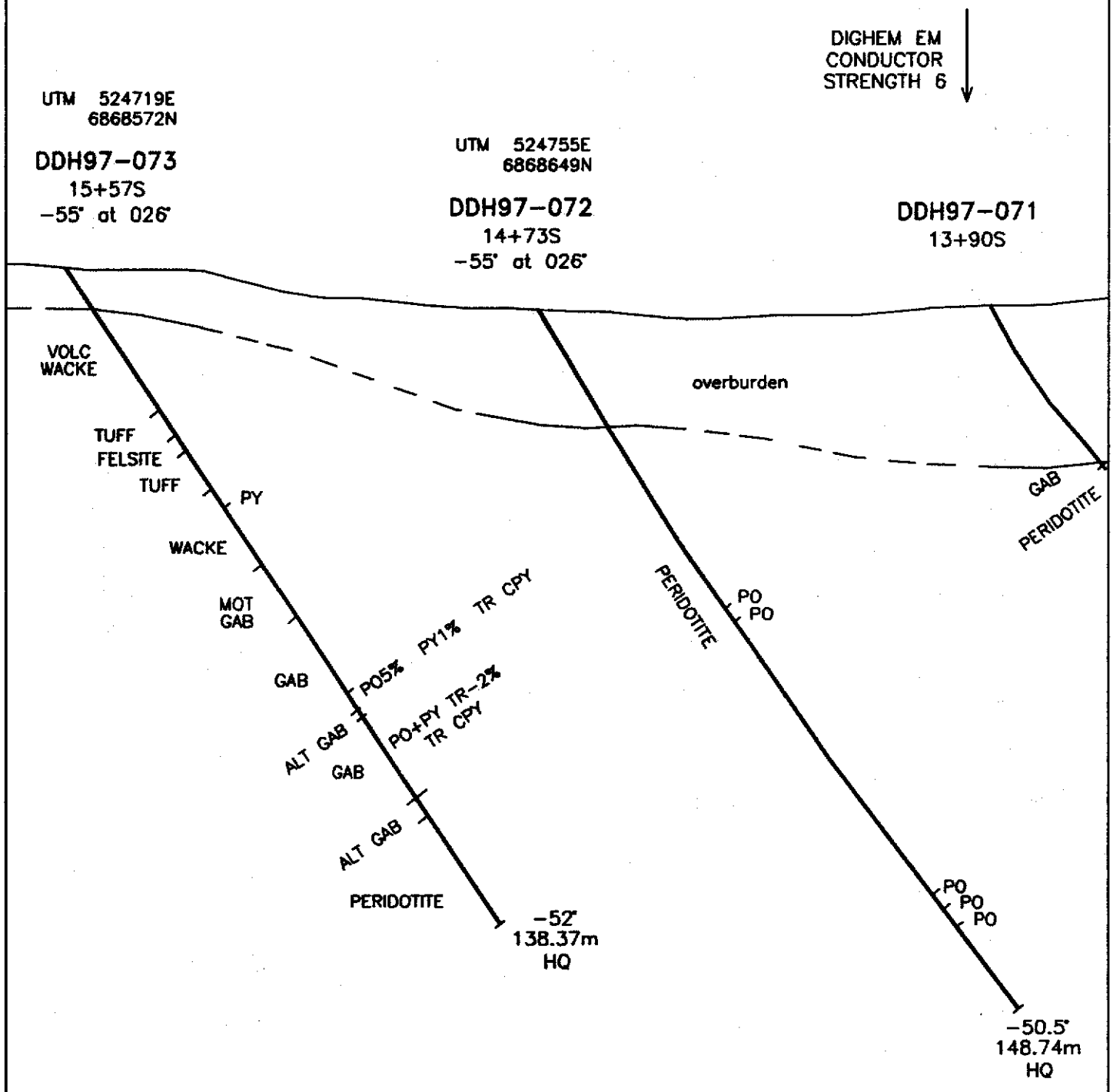


FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CROSS-SECTION 101+22E

CANALASK PROJECT

EXPATRIATE RESOURCES LTD.

SCALE 1:1000

0 10 20 30 40 50

metres

May, 1997

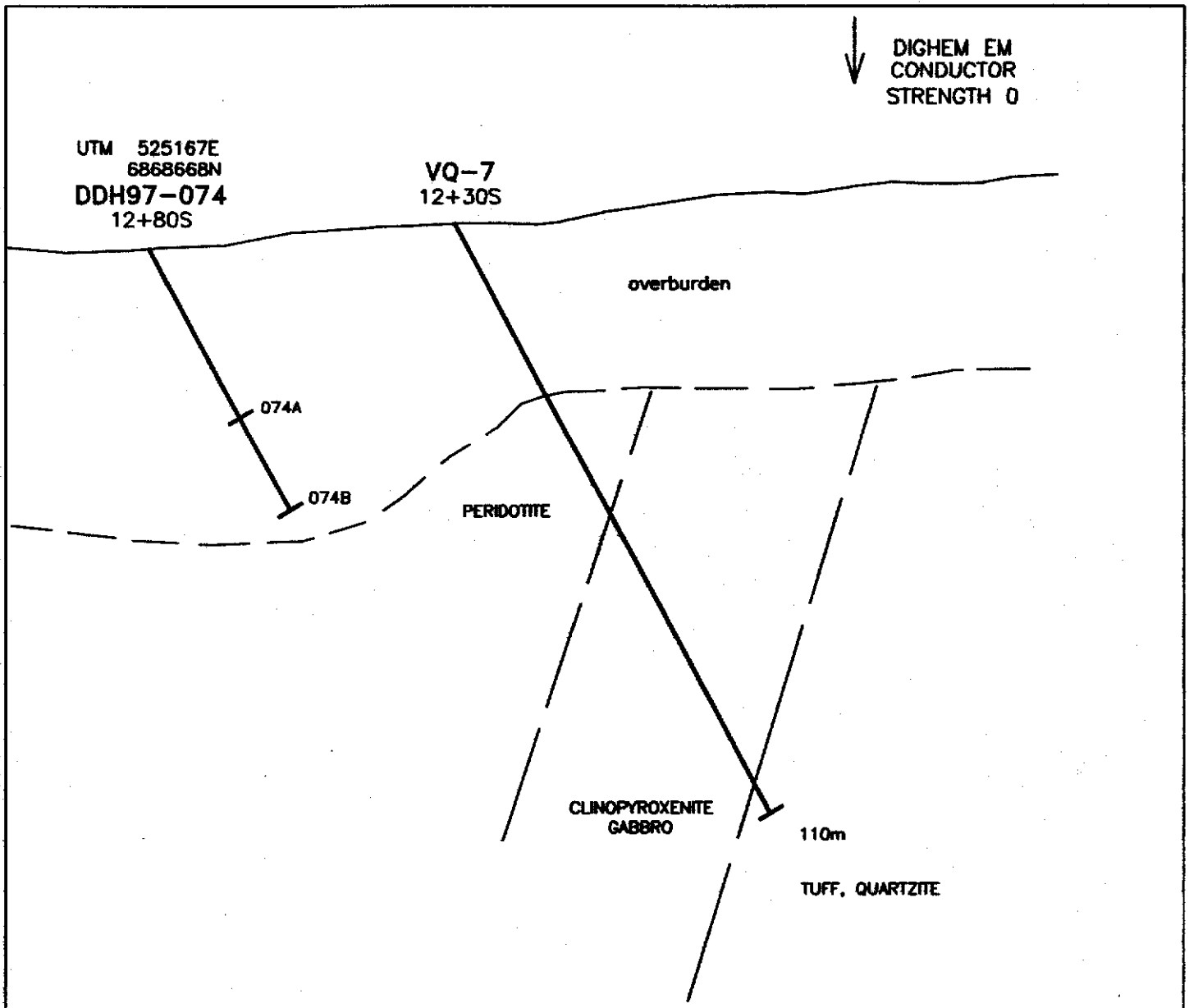


FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CROSS-SECTION 104+88E

CANALASK PROJECT

EXPATRIATE RESOURCES LTD.

SCALE 1:1000

0 10 20 30 40 50

metres

May, 1997

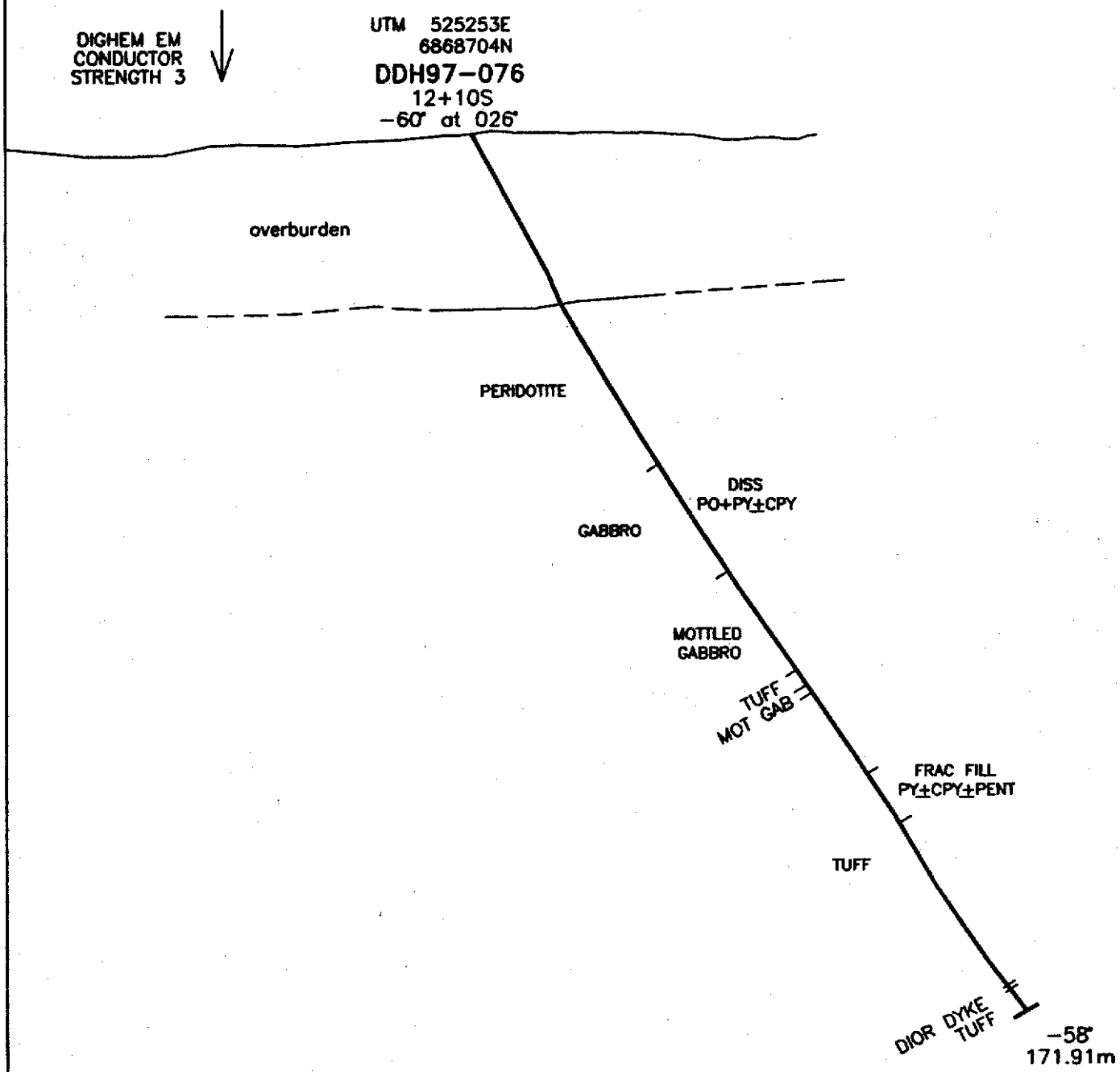


FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CROSS-SECTION 105+49E

CANALASK PROJECT

EXPATRIATE RESOURCES LTD.

SCALE 1:1000

0 10 20 30 40 50

metres

May, 1997

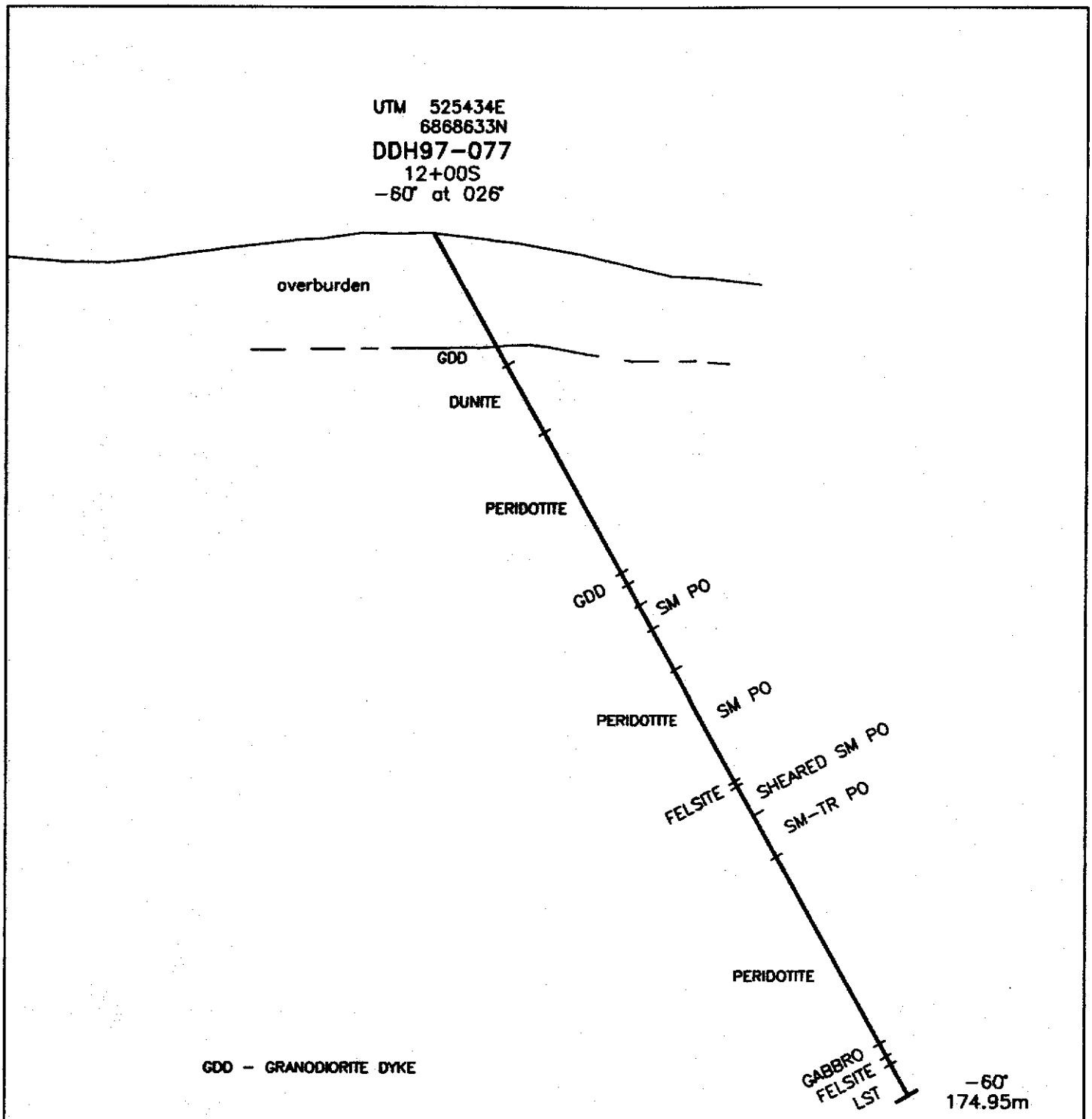


FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CROSS-SECTION 107+44E

CANALASK PROJECT

EXPATRIATE RESOURCES LTD.

SCALE 1:1000

0 10 20 30 40 50

metres

May, 1997

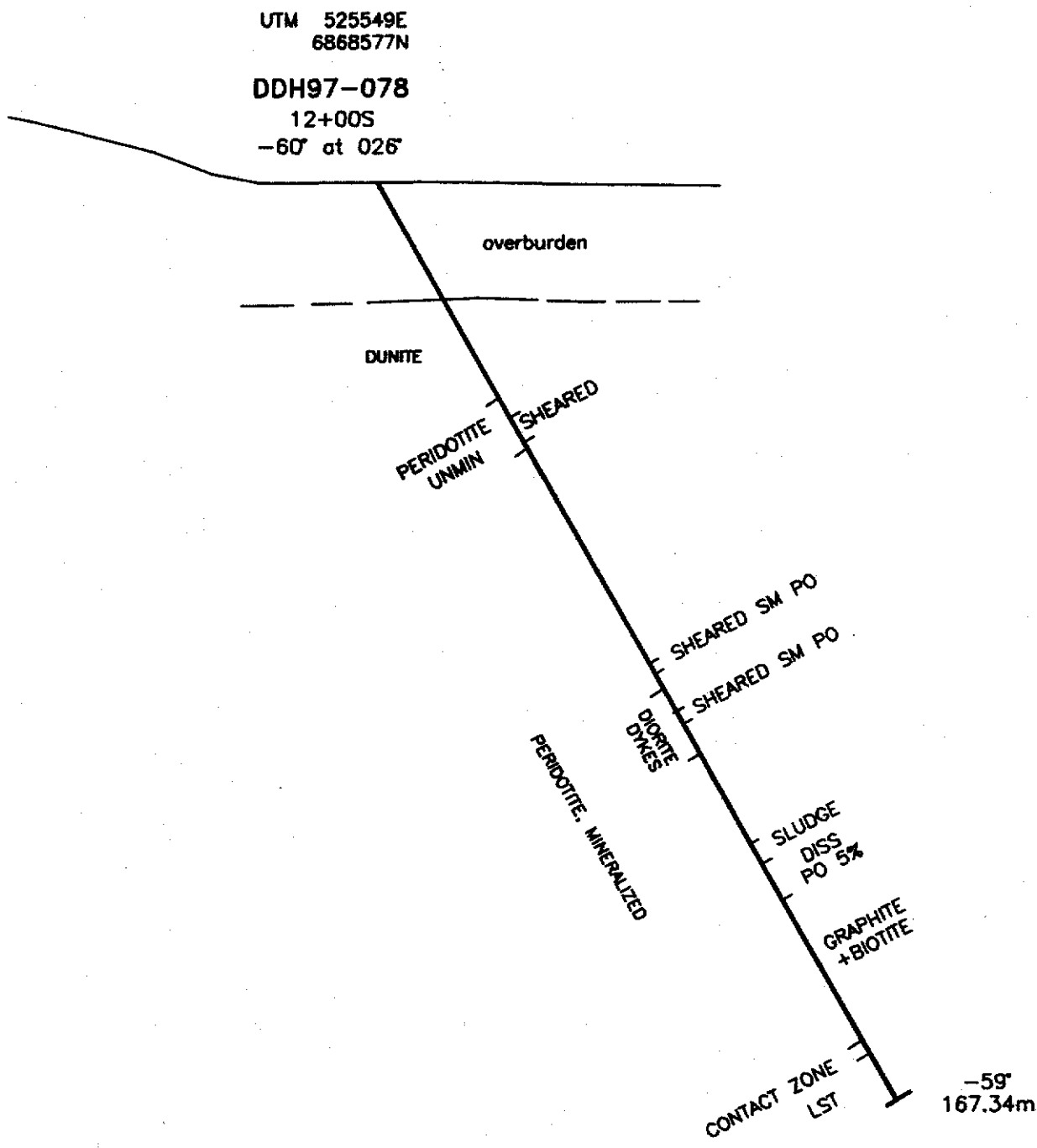


FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CROSS-SECTION 108+76E

CANALASK PROJECT

EXPATRIATE RESOURCES LTD.

SCALE 1:1000

0 10 20 30 40 50

metres

May, 1997

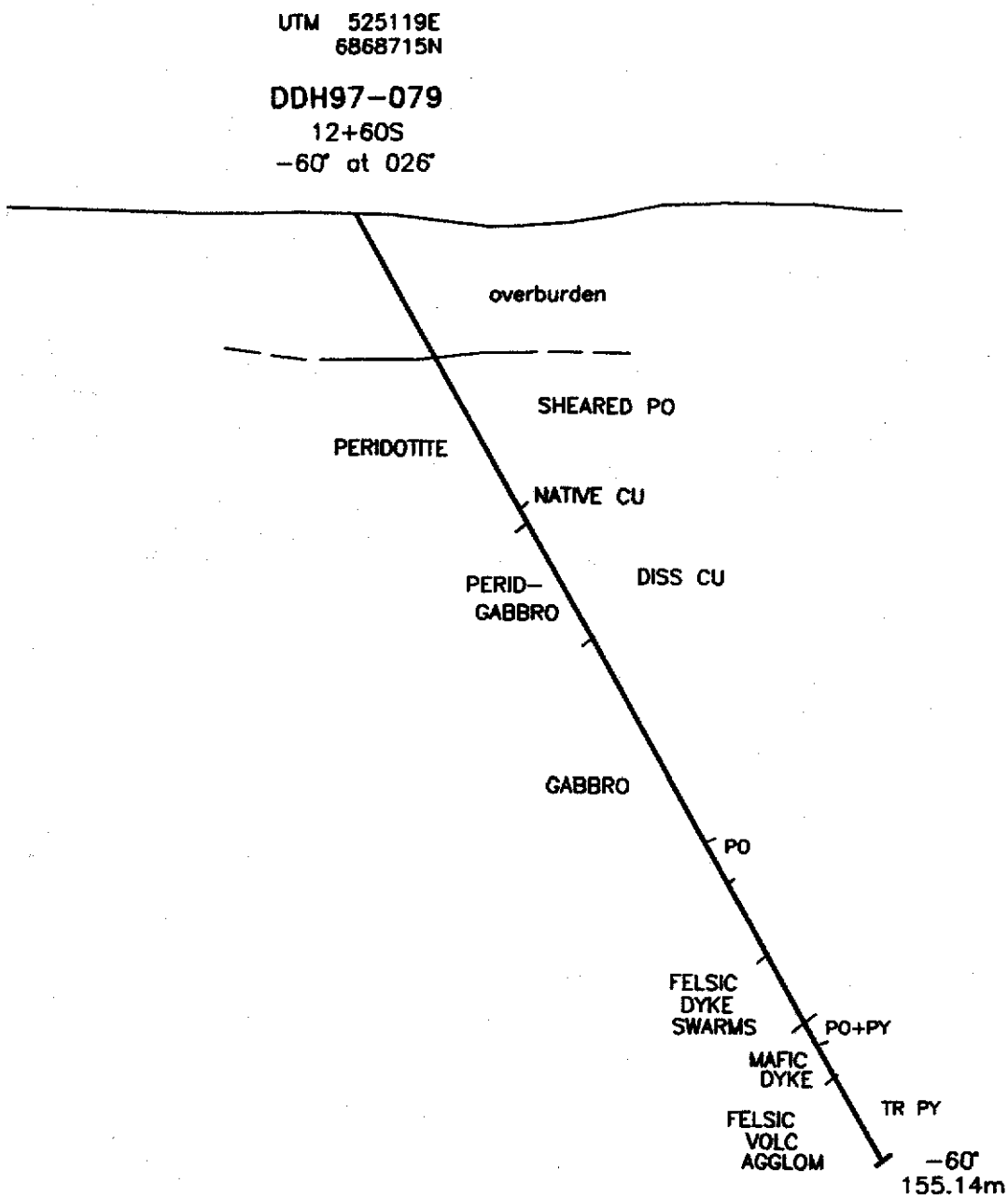


FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CROSS-SECTION 104+27E

CANALASK PROJECT

EXPATRIATE RESOURCES LTD.

SCALE 1:1000

0 10 20 30 40 50

metres

May, 1997

Results of the drilling demonstrate that the anomalous geophysical response is due to well developed fault zones within ultramafic rocks (peridotite and dunite) and mafic rocks (gabbro). In these areas highly conductive minerals such as pyrrhotite with lesser magnetite and minor native copper are concentrated as interconnected films and sheet-like concentrations along shear planes in the serpentinized rock. The net results of this are elongate linear zones which are both anomalously conductive and magnetic, similar to the response expected for massive sulphide mineralization.

The drilling also intersected disseminated sulphide zones (dominantly pyrrhotite with minor chalcopyrite) within feldspathic peridotite and gabbro. Significant intersections are listed in Table III.

TABLE III
SIGNIFICANT DIAMOND DRILL INTERSECTIONS

Hole	Interval (metres)	Width (metres)	Nickel (%)	Copper (%)
97-076	31.80-44.00	12.20	0.33	0.05
	71.00-80.00	9.00	0.30	0.12
97-078	116.00-124.75	8.75	0.31	0.03
	146.00-157.10	11.10	0.29	0.03
97-079	35.00-47.00	12.00	0.35	0.05

These intersections are not economically significant, especially in light of previous experience at the nearby Wellgreen occurrence where metallurgical testing has shown that up to 0.20% nickel in peridotites is unrecoverable. This is due to either high nickel content of silicates such as olivine and serpentine or to very fine-grained sulphide minerals encapsulated within silicate minerals. No further work is recommended to test geophysical anomalies in this part of the property.

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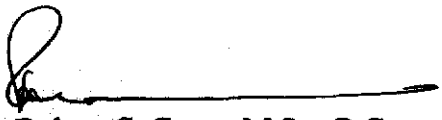
APPENDIX I

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

DIAMOND DRILL LOGS

L 104+27 E 12+60 S

PROJECT EXP/CANALASK ~~CLAIM~~ HQ HOLE 079 ANGLE -60 LENGTH 155.14 N E ELEV

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	0 - 22.70	OB			M058927					22.70	26.00
			PERID		928						29.00
	22.70 - 50.30	PERIDOTITE ; FAULTED , BROKEN, DARK			929						32.00
		BROWN GREY TO BLACK, MINOR WHITE FSPAR			930						35.00
		INTERSTITIAL TO OL WITH PX RX RIMS.			931						38.00
		IRREG SHEARING WITH 1-15% MYLONITIC			932						41.00
		PO 25-75%, TR - 1% DISSEM PO (NOT THE			933						44.00
		SAME) MINOR ACTINOLITE, STRONGLY MAGNETIC.			934						47.00
					935						50.30
		48.46 NATIVE COPPER DIVERTS IN 10cm			936						53.00
		FAULT.			937						56.00
					938						59.00
	50.30 ~ 70.00	PERID/GABBRO : SLIGHT INCREASE IN	GAB	MASSIVE	939						62.00
		FSPAR & ACT, DARK GREY, SPECKLED,		COMPETENT	940						65.00
		WITH REG VNLTS MAGNETITE > PO AV 45°			941						68.00
		LCA, USU AT 90° TO EACH OTHER, GIVING			942						71.00
		THE CORE A HERRINGBONE TO STRIPED			943						74.00
		PATTERN. NO DISTINCT UPPER CONTACT.			944						77.00
		CLOTS OF BIO 5-10%, TR - 0.5% DISS			945						80.00
		NATIVE Cu, TR - 1% DISS FG PO >			946						83.00
		SHEARED PO.			947						86.00
					948						89.00
	70.00 - 122.34	GABBRO; FINE TO MED GR, MOTTLED MED	GAB		949						92.00
		GREY, SIEVED FSPAR 20%, CLOTS VFG	MOT		950						95.00
		BIO 10%. REG VNLTS MAGNETITE > PO			951						98.00
		45-60° STRIPING THE CORE.			952						101.00
		LOCALIZED SEMIMASSIVE PO (1-3 cm)			953						104.00
		AV 1-10% DISSEM PO & MINOR VNLTS			954						107.00
		& SHEAR COATINGS. TR - 1% DISSEM			955						110.00
		NATIVE Cu. TR PENT. GRADATIONAL			956						113.00
		UPPER CONTACT.			957						116.00
		80-87 WEAK SEMIMASSIVE MIN			958						119.00
		104-105 GREY BLUE GREEN MYLONIZED			959						122.34
		SHEAR COATINGS									
		121.85-122.34 CHILLED MARGIN CONTACT ZONE									

PROJECT	CLAIM HQ	HOLE 079	ANGLE	LENGTH	N	E	ELEV	Page 2 of 3

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	122.34 - 132.28	FELSIC DYKE SWARMS : USU AMORPHOUS TO VFG, SILICEOUS, GREEN GREYS TO BROWN GREYS, SUBTLE INTRUSIVE IRREG CONTACTS AT cm's SPACING, USU MARKED BY HAIRLINE VFG PY RINDS, RARELY MED GRAINED, WITH INDISTINCT FSPAR & MAFIC PHENOS, ANHEDRAL QTZ PHENOS TO 1mm SLIGHTLY MORE DISTINCT. VFG DUSTINGS OF PY 5-10%, ~1% PY AS FRAC FILL.	FELSITE		M058960					122.34	125.00
					961						128.00
					962						131.00
					963						132.28
					964						134.00
					965						136.05
					966						138.00
					967						140.15
					968						141.58
					969						143.00
					970						146.00
		129.50 - 131.50 IRREG CARBATE BX VNING & MINOR FLOOD ALT.			971						149.00
					972						152.00
					973						155.14
	132.28 - 136.05	MAFIC DYKE : DARK GREY GREEN, VFG, WEAKLY VFG PO BANDED 5-10%, X-CUT BY PY FRAC FILL 1-2%. BIO ALT ROSETTES & ALT PATCHES TO 2cm.	MAFIC DYKE	30° BAND							
	136.05 - 141.58	MAFIC DYKE, SILIC ALT, LIGHT GREY GREEN, SILIC ALT VERSION OF ABOVE (?), NO PO.									
	-	140.15 - 141.58 BLACK & GREY MOTTLED, MOD CALC VNING, NO PY.									
	141.58 - 155.14	FELSIC VOLC AGGLOMERATE : WHITE BLACK & GREY BANDED TUFF BX / AGGLOM WITH LAPILLI / BOMBS / BROKEN QTZ XLLS TO 1.5cm. SEMI MASSIVE BLEBS FG PY TO 2%. MINOR CARBONATE VN BX. TR CPY BLEBS ON FRAC. CALC INCREASE DOWNHOLE WITH SULPHIDE DECREASE	FELS AGGL	20-40° BAND							

PROJECT	CLAIM	HOLE 079	ANGLE	LENGTH	N	E	ELEV	Page 3 of 3

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	155.14	EOH 0700h 6 APRIL 97									
		ACID TESTS									
		59.13 60° CORR									
		102.11 59° "									
		136.86 60° "									

L 108+76E 12+00S

PROJECT EXP/CANALASK ~~CLAIM~~ HQ **HOLE** 078 **ANGLE** -60 **LENGTH** 147.34 **N** **E** **ELEV**

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	0 - 21.80	OB			M058881					39.55	42.62
					882						45.00
	21.80 - 39.55	DUNITE: LIGHT GREEN, TRANSLUCENT EQUIGRAN	DUNITE		883						47.10
		OLIVINE "SANDSTONE" WITH BLACK MAGNETITE			884						50.00
		HAIRLINE TO VNLT FRAC. NON MAGNETIC			885						53.00
		EXCEPT FOR FRAC. OVERALL SANDY			886						56.00
		GREEN GREY APPEARANCE. MINOR SERP			887						59.00
		ON SHEARS < 10%. MAG CONTENT			888						62.00
		GRAD INCR DOWNHOLE.			889						65.00
					890						68.00
	39.55 - 48.00	PERIDOTITE: ARBITRARY UPPER CONTACT	PERID		891						71.00
		AT 10cm FELSIC DYKE, WEAKLY SERP			892						74.00
		ALT OL NETWORKED BY MAG & PX.			893						77.00
		"ROUNDED CRACKLE BX", BY 42 m			894						80.00
		PO APPEARS AS DISSEM, BLEBS ALONG			895						83.00
		FRAC, & SHEAR COATINGS TR - 1%.			896						86.00
					897						89.00
		42.62 - 47.10 100% SHEARED PERID			898						92.00
		STRONGLY TALC & SERP ALT.			899						95.00
					900						98.00
	48.00 ~ 100	PERIDOTITE: ARB UPPER CONTACT. GREY	PERID		901						101.00
		BROWN PERID RCB. STRONGLY MAGNETIC.	MIN		902						103.37
		TR - 10% DISSEM & BLACK SHEARED PO.			903						104.44
					904						107.00
		88.10 - 89.30 HIGHLY SHEARED			905						110.00
		100% SHEARED, SEMIMASSIVE PO			906						110.82
		96.65 - 98.60 " "			907						113.00
		92.52 - 92.92 } LIGHT BROWN TO GREEN GREY									
		94.06 - 94.23 } DIORITE DYKES, USUALLY									
		103.37 - 104.44 } MOTTLED WITH DISCERN									
		KFSPAR & PLAG PHENOS, UNMIN									
		101.73 - 102.12 } FELSIC DYKE, UNMIN									
		110.00 - 110.50 }									
		110.70 - 110.82 }									

PROJECT CANALASK ~~CLAIM~~ HQ HOLE 078 ANGLE LENGTH 167.34 N E ELEV

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	100 - 137	PERIDITITE : 75% IRREG SHEARED WITH	PERID		M058903					113.00	116.00
		5-10% SULPHIDE SLUDGE, DISCERNABLE	MIN		909						119.00
		OL RARE, LONG FIBRE ACT MATS TO 5%			910						121.00
		ALONG MODERATE SHEARS, MYLONITIC			911						123.74
		PO 5-15%, MINOR FELSIC DYKES			912						124.75
		UNMIN. ARBITRARY UPPER CONTACT,			913						127.00
		SHEARING & PO CONTENT GRAD			914						128.27
		INCREASE DOWNHOLE.			915						131.63
					916						134.00
		121.00 - 123.74 HIGHLY SHEARED, 50%			917						137.00
		SLUDGE			918						140.00
		123.74 - 124.75 } 5% DISSEM PO IN CO. PETENT			919						143.00
		128.27 - 131.63 } PERIDOTITE			920						146.00
					921						149.00
	137 - 157.10	PERIDOTITE ; DECREASE IN SHEARED PO,	PERID		922						152.00
		INCREASE IN GRAPHITE & BIOTITE			923						155.00
		POLISHED ON SHEARS 75%, SLUDGE 10%			924						157.10
		PO TR - 5%.			925						158.90
					M058926						160.35
	157.10 - 158.90	CONTACT ZONE : STOPED BETWEEN PERID &									
		LST GRAD INCR CALC, GRAD DECR									
		OL BIO, TR - 1% MED GR CPY & PY									
		WITH MAL STAINING									
	158.90 - 160.35	LST BX WITH TR - 1% FG FRAC FILL									
		PY									
	160.35 - 167.34	LST : MED GREY WITH WHITE CONTORTED									
		BANDING 45 - 0° LCA, TR DISSEM PY									
	167.34	EOH 10h 1 APRIL 97									
		ACID TESTS 81.69 58° CORR									
		112.47 59° "									
		141.73 59° "									

L107+44E 12+00S

PROJECT EXP CLAIM HQ HOLE 077 ANGLE -60 LENGTH 174.95 N E ELEV

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	0 - 22.50	OB, TILL									
	22.50-22.72	BROKEN PERID: BLACK, MASSIVE, STRONGLY MAGNETIC									
	22.72 - 26.35	GRANODIORITE DYKE: MASSIVE, FRESH PLAG > ORTHOCL TOTAL 40%, QTZ 30% AMPH + PX 30%, TR BIO + VFG DISS PY, CHILLED MARGINS WITH INT SHEARED PERID.									
	26.35 - 40.00	DUNITE: 50% SHEARED, BLACK, STRONGLY MAGNETIC, LOCALLY WITH ORBICULAR BROWN BLACK OLIVINE. SERP, BIO + GRAPH ON SHEARS	DUN		M058849					40.00	43.00
					850					43.00	46.00
	40.00 - 110.70	PERID/DUNITE: 50-75% SHEARED, BROWN BLACK ORB OLIVINE, BIO, GRAPH + PO SMEARS ON SHEAR PLANES ("MYLONITIC PO", BLACK TO SILVER GREY ON CUT SURF. MINOR - MOD TREM LADDER VNLTS	PERID		M058833					46.00	49.00
			DUN		834						52.00
					835						55.00
					836						58.00
					837						61.00
		40.00 - 68.45 TR - 0.5% VFG DISS PO + PENT			838						64.00
					839						67.00
		68.45 - 70.70 GRANODIORITE DYKE LIGHT GREEN GREY UPPER CHILLED CONTACT, TO LIGHT BROWN MG, TO SHEARED LOWER CONTACT WITH INCL PERID	GDD		840						68.45
					841						70.70
					842						74.00
					843						76.10
					844						78.80
					845						81.88
		76.10 - 78.30 } SEMIMASSIVE MYL PO	SM PO		846						84.73
		78.92 - 80.20 }			847						88.00
		78.30 - 78.92 } FG HEALED WEAK BX GDD	GDD		848						91.00
		81.88 - 84.73 }									
		80.20 - 81.88 CONTACT BETWEEN SM MYL PO + GDD ALONG LCA.			851					91.00	94.00
					852						97.00
		88.00 - 110.70 SM MYL PO WITH PARTIALLY COMPETENT PERID			853						100.00
					854						103.00

PROJECT	CLAIM	HOLE 077	ANGLE	LENGTH	N	E	ELEV	Page 2 of 3

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
		106.58 - 107.44 FELSIC DYKE (GRANODIORITE?)	PERID		M058855					103.00	106.58
		110.70 - 111.40 FG, LIGHT GREY, MASSIVE			856						107.44
		WITH REMNANT BX FRAGS			857						110.70
		+ PX/AMPH PHENOS, MINOR			858						111.40
		CHL ALT			859						114.00
					860						117.00
	111.40 - 117.05	VERY SOFT, 100% SHEARED	SM PO		861						120.00
		PERID/DUNITE WITH SEMIMASSIVE			862						123.00
		MYLONITIC PO, MINOR TREMOLITE, TR. CPY.			863						126.00
					864						129.00
	117.05 - 126.00	SHEARED PERID WITH SEMIMASSIVE	PERID		865						132.00
		MYLONITIC PO GRADUALLY DECREASING			866						135.00
		DOWNHOLE AS SERP INCREASES.			867						138.00
					868						141.00
	126.00 - 164.60	SHEARED PERID 75%, SERP + TREM + ACT			869						144.00
		10 - 30%, TR - 2% MYL PO + DISSEM			870						147.00
		PO. ARBITRARY UPPER CONTACT.			871						150.00
					872						153.00
		157.75 - 164.60 MINOR QTZ VNING, WEAKLY			873						156.00
		SHEARED, STRONGLY FAULTED			874						157.75
					875						161.00
	164.60 - 167.10	GABBRO: LIGHT BROWN GREEN, MOD CHL	GAB		876						164.60
		ALT, MOTTLED, 10% QTZ-CARB VNS, SHARPLY	MOT		877						167.10
		GRADATIONAL UPPER CONTACT. NON-MAG			878						168.50
		TR VFG PY			879						171.00
		164.80 - 165.65 SHEARED			880						174.00
	167.10 - 168.50	FELSIC DYKE: LIGHT GREY WITH GREEN									
		TINT (CHL, EP, FUSCHITE), HEALED WEAK BX									
		WITH 3cm INCL BANDED TUFF,									
		2 cm SHEARED UPPER CONTACT									
		AT 45° LCA, COULD BE BLEACHED									
		SILIC ALT GABBRO, BEAUTIFUL SHARP									
		LOWER CONTACT, ALMOST CONFORMABLE,									
		WITH 0.5 mm RIND VFG PY									
		WEAKLY CALC									

PROJECT | CLAIM | HOLE 077 | ANGLE | LENGTH | N | E | ELEV |

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	168.59 - 174.95	LST : LIGHT & DARK GREYS LAMINATED LIMESTONE WITH MINOR INTERVALS LAP TUFF. TR VFG DISSEM & BLEBS PY. MINOR SHALE PARTINGS	LST	30° BED							
	174.95	EOH 23h 29-3-97									
		ACID TESTS									
		34.75 59° CORR.									
		65.23 59° "									
		92.66 60° "									
		141.43 60° "									
		168.86 60° "									

L 105+49E 12+10 S

PROJECT EXP ~~CLAIM~~ NO HOLE 076 ANGLE -60 LENGTH 171.91 N E ELEV Page 1 of 3

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	0 - 31.80	OB			M058791					31.80	35.00
					792						38.00
	31.80 - 61.87	PERIDOTITE : MASSIVE, STRONGLY MAGNETIC	PERID		793						41.00
		DARK GREY TO BLACK, MACROSCOPICALLY			794						44.00
		SPECKLED WITH INTERSTITIAL WHITE			795						47.00
		FSPAR ~20%. BLEBS & DISSEM VERY			796						50.00
		FINE GRAINED PO ± PY ± CPY TR - 5%			797						53.00
		LOCALLY STRONGLY SHEARED WITH MINOR EP			798						56.00
		XLLS. MYLONITIC PO TO 10%			799						59.00
					800						61.87
	61.87 - 83.00	GABBRO: SHEARED UPPER CONTACT	GAB	45°	801						65.00
		WITH BROAD BUT WEAK ALT HALOS		VNLTS	802						68.00
		BOTH SIDES. GABBRO IS MED GREEN GREY			803						71.00
		STRONGLY SPECKLED WITH INTERSTITIAL		MASSIVE	804						74.00
		WHITE FSPAR 40-60%, BIO PHENOS 1-5%			805						77.00
		MAGNETITE VNLTS AT 45° LCA, DECREASING			806						80.00
		DOWN HOLE. FINE TO MED GR PO + PY			807						83.00
		± CPY 1-10% DISSEM THROUGHOUT,			808						86.00
		MINOR SERP-+ MYL PO ON SHEAR SURFACES			809						89.00
	83.00 - 103.32	DISSEM PENT 1-15% ± CPY, TR PY	MOT	STRONG	810						92.00
		+ PO START AT 83 m WITH DIE	GAB	DISSEM	811						95.00
		OUT OF MAGNETITE VNLTS, INCREASE		SULPH	812						98.00
		IN GABBRO ALT : FSPAR MOTTLED, WEAKLY			813						101.00
		SERICITIC MAKING PX XLLS MORE			814					101.00	103.32
		APPARENT. MED GR. WITH CHILLED +									
		BROKEN LOWER CONTACT OVER 1 m.									
		REDDISH BIO PHENOS 5-10%, TO 3mm.									
		LITTLE APPARENT OLIVINE.									

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	103.32 - 106.00	VERY FINE GRAINED, DARK MED & LIGHT GREY	TUFF	45°	M058815					103.32	106.00
		COARSELY BANDED (1-15 cm) WITH		BED (?)	816						108.20
		RARE LAPILLI, WEAKLY TO MODERATELY			817						111.00
		CALCAREOUS BY IRREG QTZ-CARB VNLTS,			818						114.00
		MINOR EP STAINING. DISSEM TO			819						117.00
		WEAKLY BANDED MED GR. SOOTY PY			820						120.00
		TR-2% ± PENT ± TR PO. STRONGLY			821						123.00
		SILIC & SHATTERS EASILY.			822						126.00
					823						129.00
	106.00-108.20	MED GR MOTTLED GABBRO, HEAVY, WITH	MOT		824						132.00
		SEMI-MASSIVE PO+PENT ± PY + MINOR MYL PO.	GAB		825						135.00
					826						138.00
	108.20-166.72	VERY FINE TO MED GRAINED, WEAKLY	TUFF		827						141.00
		BANDED TO MOTTLED, GREYS & GREENS			828						144.00
		& MINOR PALE PINK TUFF. RARE			829						147.00
		LAPILLI. WEAK TO MOD CALC BY			830						150.00
		IRREG QTZ-CARB VNLTS. STRONGLY			831						153.00
		SILIC & SHATTERS EASILY. MED GR			M058832					153.00	156.00
		DISSEM SOOTY PY, TR-1%, BLEBS									
		& VNLTS & FRAC FILL VFG PY ± PENT,									
		TR-2%; NOT ASSOC WITH QTZ-									
		CARB VNLTS. RARE COARSE GR CUBIC									
		PY ON FRAC.									
	123.00 - 138.00	VNLTS, DISSEM & FRAC FILL									
	144.00 - 148.00	PENT + PY 5-15%									
		TR CPY									
	148.00 - 150.00	SULPH DOM ASSOC WITH									
		QTZ-CARB VNLTS & FRAC									
		TR PENT & CPY, 10% PY.									
	150.00 - 156.00	SHARP DECREASE IN									
		SULPH.									
	156.00 - 171.91	TR SULPH (PY) ONLY									

PROJECT	~~CLAIM~~ NQ	HOLE 076	ANGLE -60	LENGTH	N	E	ELEV	Page 3 of 3

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	166.72-167.70	DIORITE DYKE : MASSIVE, GREEN GREY WITH PINKISH FSPAR + AMPHIBOLE PHENOS IN VFG GROUNDMASS. CHILLED BLEACHED CONTACTS FOR 5-10cm. TR PY.	DIOR DYKE	MASSIVE							
	167.70-171.91	TUFF AS ABOVE. TR PY ONLY	TUFF	60° BED (?)							
	171.91	EOH 0430h 25-3-97									
		ACID TESTS 56.08 56° CORR									
		112.78 58° "									
		136.86 58° "									
		171.91 58° "									

UTM 524719E 6868572N

L 101+22E 15+57 S (GRID)

PROJECT CANALASK CLAIM HQ HOLE 073 ANGLE -55 LENGTH 138.37 N E ELEV

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %		FROM	TO
	0 - 10.67	OB			M058751					10.67	14.00
					752					14	17
	10.67 - 30.60	DARK TO LIGHT GREY, MASSIVE TO VERY	WACKE	B ~ 60°	753					17	20
10 10^4		WEAKLY BEDDED, VOLCANICLASTIC WACKE			754					20	23
15 10^4		TR TO 1% PY, VFG ALONG BEDDING			755						26
		& FG BLEBS TO 2mm DISSEM,			756						29
		QTZ CARB STRINGERS REGULARLY CUT			757						30.60
		AT ~70° LCA, MINOR SILICA FLOODING.			758						33
	30.60 - 36.27	LIGHT GREEN GREY, MASSIVE TO MODERATELY	TUFF		759						36.27
15 10^4		BEDDED VFG TUFF, SUBPARALLEL LCA			760						38.80
		TR - 2% PY AS BLEBS & STRINGERS ALONG			761						42
		HEALED FRACTURES, MINOR AMOUNTS			762						45
		ALONG BEDDING & DISSEM			763						47.30
					764						50.00
	36.27 - 38.80	PATCHY, LIGHT GREY TO CREAM FELSIC	FELSITE		765						53.00
		INTRUSIVE, SIL* FLOODED TOP CONTACT			766						56.00
22 10^4		35.5, WELL FRACTURED & HEALED,			767						59.00
		MASSIVE, SUB TO ANHEDRAL FSPAR			768						62.00
		PARTIALLY CLAY ALTERED, TO 3mm			769						63.15
		10-40%, BLEBS PY ALONG FRAC,			M058770						66.00
		RARELY DISSEM, TR - 1%, VERY IRREG									
		TOP CONTACT, BOTTOM CONTACT SHEARED									
		RUBBLE 38.30 - 38.80									
	38.80 - 47.30	MED GREY BX & HEALED TUFF, SOME FRAGS	TUFF								
		WITH BEDDING. TR PY ON FRAC									
	47.30 - 63.15	WACKE AS ABOVE, TOP CONTACT RUBBLE,	WACKE								
		NARROW INTS OF BANDED VFG GREEN TO									
		LIGHT GREY TUFF.									
		51.36 - 51.95 5% DISSEM, BANDED &									
		FRAC FILL PY.									
		56.08 PHOTO ALT VN & PY									

SIEMENS/METER
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ORDER OF MAGNITUDE ACCURACY ONLY!

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	63.15-74.20	FINE GR. MOTTLED ALTERED GABBRO	MOT		M058770					63.15	66.00
		SHARP UPPER CONTACT BUT VERY BROAD	GAB		771						69.00
		CONTACT ALT (± 2m) HALO.			772						72
		MED TO DARK BROWN GREY, MASSIVE, 0.5 mm			773						74.20
		BIO/PX PHENOS 20%, REMNANT FSPAR			774						77
		& QTz XLLS RARE, MOSTLY MOTTLED.			775						79
		BY 68 m, MED GR. & MORE GREENISH			776						82
		GREY. LOWER CONTACT SHEARED & FINER			777						85
		GR. NON MAGNETIC			778						88
					779						91
	74.20-93.60	GABBRO: DARK GREEN GREY TO GREEN	GAB		780						93.60
		BLACK, MASSIVE, WEAKLY MAGNETIC.			781						95.15
18 10⁴		ALSO MOTTLED BUT XLL BOUNDARIES			782						98
		MORE DISCERNABLE. RED BIO PHENOS			783						101
		TO 3mm, 20-30%. CREAM/WHITE SIEVED			784						104
		FSPAR TO 5mm, ~40%. TR			785						107
		DISSEM PY & PO.			786						110
					M058787					110.00	112.13
		~90.00-93.60 PO 5%, PY 1%, CPY TR.									
40 10⁴		BLEBS, DISSEM & FRAC FILL, SULPH INCREASE									
		ASSOC WITH MINOR INCREASE IN FAULTING									
		& SILIC.									
		92.80-93.60 SHEAR ZONE (PROTO MYLONITE)									
	93.60-95.15	HORNBLENDE PORPHYRY DYKE: VFG LIGHT	HBL								
		GREY GREEN MATRIX WITH MINOR EP	DYKE								
		STAINING. UNORIENTED HORNBLENDE XLLS	(ALT								
		TO 1cm. ~50%. TR PY, NON MAG	GAB)								
		SHARPLY SHEARED LOWER CONTACT									
	95.15-112.13	GABBRO AS ABOVE. PO & PY TR TO 2%									
		TR CPY.									

PROJECT CANALASK CLAIM- H13 HOLE 073 ANGLE -55 LENGTH 138.37 N E ELEV

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	112.13-115.71	HORNBLENDE DYKE AS 93.60-95.15	HBL	ALT	M058788					112.13	115.71
		HOWEVER, CONTACTS NOW INDICATE THAT	DYKE	60° LCA	789						116.60
		THIS IS THE GABBRO UNIT WITH ALL	(ALT		790					116.60	120.00
73 10^3		THE FSPAR COMPLETELY CLAY ALTERED.	GAB)								
		LOCALLY THE HBL PHENOS ARE ALSO									
		OBLITERATED, LEAVING A LIGHT GREY									
		GREEN MODERATELY COMPETENT CLAYSTONE									
	115.71-116.60	GABBRO. SHEARED LOWER CONTACT	GAB								
45 10^4											
	116.60-138.37	PERIDOTITE; WEAKLY GRAPHITIC ON SHEARS	PERID	SZ							
		WITH LOOSE EP XLLS. STRONGLY MAG		30°							
		THRU-OUT. OLIVINE OVERGROWTHS VISIBLE									
		AT EOH.									
	138.37	EOH 15-3-97 14h									
		ACID TESTS 39.01 53° CORR									
		95.71 53° CORR									
		123.14 52° CORR									

RELOGGED 16-4-97

UTM 524755E 6868649

L101+22E 14+73S

PROJECT CANALASK ~~CLAIM~~ HQ HOLE 072 ANGLE -55 LENGTH 148.74 N E ELEV Page 1 of 2

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	0 - 25.90	OB			M059 118					25.90	29.00
					119						32.00
	25.90 - 148.74	PERIDOTITE / SERPENTINITE : DARK GREY, GREY BLACK TO GREY BROWN, STRONGLY MAGNETIC, 75 - 100% SHEARED, WITH 10 - 60% CHRYSOTILE + TALC + BIOTITE ± TREMOLITE ± ANTIGORITE, WITH MINOR LOCAL GRAPHITE. WHERE NOT SHEARED, GREY BROWN TRANSLUCENT OLIVINE, SOME WITH PX REACTION RIMS, APPEAR AS "ROUNDED CRACKLE BRECCIA" WITH MAGNETITE + PX ± QTZ HAIRLINE MATRIX. MINOR QTZ-CARB STRINGERS, WEAK DISSEM MUSC ALT.	PERID		120						35.00
					121						38.00
					122						41.00
					123						44.00
					124						47.00
					125						50.00
					126						53.00
					127						56.00
					128						59.00
					129						61.50
					130						63.63
	61.50 - 63.63	PO 1% AS SHEAR COATINGS			131						66.00
	63.53 - 68.27	" 0.5% "			132						68.27
					133						71.00
					134						74.00
		61.56 - 63.20 } QTZ + MUSC + TREM ± EP			135						77.00
		122.90 - 122.98 } MOD ALT VN WITH SM			136						80.00
		123.30 - 123.41 } PO ON SELVEGES TO 5mm.			137						83.00
		125.93 - 126.00 }			138						86.00
		129.43 - 129.77 }			139						89.00
					140						92.00
	~122 - 148.74	GRAPHITE DECREASE TO TRACE OR LESS. SERP AS ASBESTOS INCREASE TO ~60% AS OBLIQUE VNLT FILL ± AS SHEAR FILL.			141						95.00
					142						98.00
					143						101.00
					144						104.00
					145						107.00
					146						110.00
					147						113.00
					148						116.00
					149						119.00
					150						122.30
					151						124.50
					M059152					124.50	126.25

PROJECT CANALASK **~~CLAIM~~** HQ **HOLE** 072 **ANGLE** -55 **LENGTH** **N** **E** **ELEV**

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
		122.30-126.25 } PO TO 5%	PERID		M059153					126.25	129.00
		129.00-130.16 } AV 0.5%			154						130.16
					155						133.00
		137.96-139.10 } WEAK QTZ+MUSC+TREM ± EP			156						136.00
		145.95-147.31 } ALT VN WITH 5% SM PO			157						137.96
		ON SELVEGES TO 3mm.			158						139.10
					159						142.00
	148.74	EOH 0700h 12-3-97			160						144.00
		ACID TESTS			161						145.95
		68.28 52° CORR.			162						147.31
		101.80 51.5° CORR.			M059163					147.31	148.74
		127.71 50.5° CORR.									

RELOGGED 15-4-97

UTM 524790 E 6868722 N

L101+22E 13+90S

PROJECT CANALASK **CLAIM** NQ **HOLE** 071 **ANGLE** -55 **LENGTH** 155.14 **N** **E** **ELEV** **Page** 1 **of** 2

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	0-33.5	OB			M058974					33.5	36.0
					975						39.0
	33.5-33.8	GABBRO DYKE: DARK GREY BROWN, MASSIVE,	GAB		976						42.0
		WITH WHITE FSPAR PHENOS 20% AV 2mm			977						45.0
		WITH ROUNDED ALT HALOS. BROAD CHILLED/			978						48.0
		ALT CONTACTS (UPPER SHEARED) GRADING			979						52.0
		TO BROWN TO PALE GREY GREEN. NON MAG.			980						55.0
		CUT BY QTZ VNLTS, WEAKLY CALC. RUBBLE			981						58.0
		LOWER CONTACT.			982						61.0
	33.8-155.14	PERIDOTITE: DARK BROWN GREY, MACROSCOPICALLY	PERID	~40°	983						64.0
		MASSIVE, UNDER HAND LENS "ROUNDED CRACKLE		SHEARS	984						67.0
		BRECCIA" (RCB) WITH BLACK (PX?) HAIRLINE			985						70.0
		MATRIX < 10%. LOCALLY STRONGLY SHEARED			986						73.0
		WITH SERP + PHLOG + TALC REGROWTH PLATES			987						76.0
		TO 10 mm ON SHEAR PLANES ± CLAY ALT,			988						79.0
		10-20%. STRONGLY MAGNETIC			989						81.0
					990						84.0
	40.9-41.1	MED GR. QTZ+FSPAR+MUSC ALT			991						87.0
	69.55-70.41	VN, ROSETTES REPLACING RCB			992						90.0
	125.05-125.35	TO 95% WITH SEAMS BRIGHT			993						93.0
		GREEN MASSIVE TO PLATY CHL			994						96.0
		TR PO ON SHEARS			995						99.0
					996						102.0
	39.6 ~ 95	WEAK, ERRATIC DISSEM MUSC ALT			997						105.0
		WITH TR TO MINOR FSPAR PHENOS			998						108.0
					8999						111.0
	53.74-53.95				M059000						114.0
	54.70-54.96										117.0
	59.85-60.60	STRONG CLAY SERP ALT									120.0
	62.10-63.09	SHEAR ZONES									122.53
	64.42-64.47										
	69.25-69.55										
	70.41-70.72										
	75.65-102.87	75% SZ: 84.5m 12cm QTZ VN									
		MINOR EP STAINING ON SELVEGES									

RELOGGED 15-4-97

PROJECT CANALASK **CLAIM** NQ **HOLE** 071 **ANGLE** -55 **LENGTH** **N** **E** **ELEV**

VISUAL LOG	FROM-TO (metres)	DESCRIPTION	UNIT	STRUCT	SAMPLE NUMBER	REC %	Ni %	Cu %			
	118.0 - 122.53	95% SHEARED	PERID		M059101					114.0	117.0
					102						120.0
	~95 - 155.14	RCB TEXTURE MORE MUTED, WEAK ERRATIC			103						122.53
		DISS MUSC ALT WITH MINOR TO 10%			104						123.70
		ANHEDRAL FSPAR PHENOS ≤ 2mm, CONTACT			105						126.22
		CHANGE OVER SEVERAL METERS, 10% SERP			106						129.00
					107						131.00
	54.0 - 145.0	TR - 5% SHEARED PO	TR MIN		108						132.90
		96.01 - 97.23 RECORED RUN, A SIZE			109						136.00
		102.87 - 155.14 50 - 75% SZ			110						138.25
					111						140.00
	123.70 - 126.22	50% SHEARED PERIDOTITE WITH 5% SMEARED	5% PO		112						142.52
		PO COATINGS ON SHEARS			113						145.00
		125.05 - 125.35 } MED GR QTZ + FSPAR + MUSC			114						148.00
		126.10 - 126.20 } ALT VN ROSETTES WITH BLEBS			115						151.00
		PO TO 2%			116						153.00
					M059117						155.14
	132.90 - 142.52	5% SHEARED PO									
		134.50 - 134.55 QTZ VN AS 82.4									
		137.50 - 137.98 BLEACHED, SILIC ± SER SZ									
	142.52 - 155.14	TR TO BARREN 50% SHEARED PERIDOTITE									
		WITH 10% SERP.									
	155.14	EOH									
		ACID TESTS									
		95.71 32° CORR									
		126.19 31° CORR									
		153.62 29° CORR									

APPENDIX III

ANALYTICAL CERTIFICATES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

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

Project : CANALASK-72
Comments:

Page Number :1-A
Total Pages :2
Certificate Date: 28-APR-97
Invoice No. : I9721089
P.O. Number :
Account :MPO

CERTIFICATE OF ANALYSIS A9721089

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
059118	208	276	< 1	0.19	< 10	< 20	< 5	< 10	0.10	< 5	120	1470	30	6.94	< 10	< 0.01	23.1	970	< 5	0.01	2370
059119	208	276	< 1	0.14	10	< 20	< 5	< 10	0.12	< 5	115	2060	35	7.21	< 10	< 0.01	23.5	1100	< 5	0.01	2240
059120	208	276	< 1	0.10	< 10	< 20	< 5	< 10	0.12	< 5	120	1860	45	7.33	< 10	< 0.01	23.0	1070	< 5	0.01	2370
059121	208	276	< 1	0.09	< 10	< 20	< 5	< 10	0.12	< 5	120	2090	210	8.17	< 10	< 0.01	22.9	1140	< 5	0.01	2230
059122	208	276	< 1	0.10	< 10	< 20	< 5	< 10	0.14	< 5	125	2290	100	7.80	< 10	< 0.01	22.9	1130	< 5	0.01	2340
059123	208	276	< 1	0.08	< 10	< 20	< 5	< 10	0.13	< 5	125	2160	90	8.04	< 10	< 0.01	22.5	1120	< 5	0.01	2350
059124	208	276	< 1	0.06	< 10	< 20	< 5	< 10	0.15	< 5	130	1890	50	7.74	< 10	< 0.01	23.2	1180	< 5	0.01	2570
059125	208	276	< 1	0.05	< 10	< 20	< 5	< 10	0.16	< 5	130	1720	50	7.72	< 10	< 0.01	23.3	1150	< 5	0.01	2550
059126	208	276	< 1	0.07	< 10	< 20	< 5	< 10	0.19	< 5	120	2020	50	7.58	< 10	< 0.01	22.9	1170	< 5	0.01	2220
059127	208	276	< 1	0.05	< 10	< 20	< 5	< 10	0.16	< 5	120	1840	40	7.56	< 10	< 0.01	23.4	1190	< 5	0.01	2190
059128	208	276	< 1	0.06	< 10	< 20	< 5	< 10	0.19	< 5	120	1920	35	7.64	< 10	< 0.01	22.8	1200	< 5	0.01	2080
059129	208	276	< 1	0.06	< 10	< 20	< 5	< 10	0.17	< 5	125	2140	35	7.57	< 10	< 0.01	24.2	1220	< 5	0.01	2450
059130	208	276	< 1	0.16	< 10	< 20	< 5	< 10	0.63	< 5	75	1660	60	5.32	< 10	0.01	15.20	760	< 5	0.01	1330
059131	208	276	< 1	0.06	< 10	< 20	< 5	< 10	0.15	< 5	125	2070	85	8.03	< 10	< 0.01	23.5	1150	< 5	0.01	2570
059132	208	276	< 1	0.06	< 10	< 20	< 5	< 10	0.15	< 5	130	1850	70	7.56	< 10	< 0.01	23.1	1150	< 5	0.01	2550
059133	208	276	< 1	0.06	< 10	< 20	< 5	< 10	0.13	< 5	130	1680	45	7.73	< 10	< 0.01	23.2	1120	< 5	0.01	2410
059134	208	276	< 1	0.06	30	< 20	< 5	< 10	0.18	< 5	125	1640	35	6.97	< 10	< 0.01	20.4	1040	< 5	0.01	2510
059135	208	276	< 1	0.05	< 10	< 20	< 5	< 10	0.15	< 5	125	1820	30	7.83	< 10	< 0.01	23.1	1170	< 5	0.01	2320
059136	208	276	< 1	0.06	< 10	< 20	< 5	< 10	0.15	< 5	120	1850	35	7.65	< 10	< 0.01	22.8	1150	< 5	0.01	2180
059137	208	276	< 1	0.04	< 10	< 20	< 5	< 10	0.16	< 5	125	1780	55	7.71	< 10	< 0.01	22.8	1140	< 5	0.01	2340
059138	208	276	< 1	0.05	< 10	< 20	< 5	< 10	0.15	< 5	125	1680	65	7.67	< 10	< 0.01	22.8	1120	< 5	0.01	2350
059139	208	276	< 1	0.06	< 10	< 20	< 5	< 10	0.17	< 5	115	1590	40	7.59	< 10	< 0.01	22.4	1090	< 5	0.01	2010
059140	208	276	< 1	0.06	< 10	< 20	< 5	< 10	0.17	< 5	135	1900	40	8.03	< 10	< 0.01	23.0	1140	< 5	0.01	2100
059141	208	276	< 1	0.07	10	< 20	< 5	< 10	0.17	< 5	115	2320	45	7.91	< 10	< 0.01	22.7	1210	< 5	0.01	2070
059142	208	276	< 1	0.05	< 10	< 20	< 5	< 10	0.15	< 5	115	1680	30	7.26	< 10	< 0.01	23.4	1130	< 5	0.01	2130
059143	208	276	< 1	0.05	< 10	< 20	< 5	< 10	0.16	< 5	115	1540	30	7.14	< 10	< 0.01	23.0	1080	< 5	0.01	2310
059144	208	276	< 1	0.04	< 10	< 20	< 5	< 10	0.14	< 5	140	1420	130	7.93	< 10	< 0.01	23.2	1100	< 5	0.01	3780
059145	208	276	< 1	0.04	< 10	< 20	< 5	< 10	0.15	< 5	130	1450	70	7.71	< 10	< 0.01	22.8	1020	< 5	0.01	3070
059146	208	276	< 1	0.04	< 10	< 20	< 5	< 10	0.14	< 5	120	1480	30	7.79	< 10	< 0.01	23.7	1060	< 5	0.01	2430
059147	208	276	< 1	0.03	10	< 20	< 5	< 10	0.13	< 5	125	1520	40	7.99	< 10	< 0.01	23.8	1070	< 5	0.01	2690
059148	208	276	< 1	0.08	< 10	< 20	< 5	< 10	0.19	< 5	125	2380	50	7.15	< 10	< 0.01	22.8	1090	< 5	0.02	2300
059149	208	276	< 1	0.09	< 10	< 20	< 5	< 10	0.15	< 5	130	2150	100	7.16	< 10	< 0.01	23.5	1100	< 5	0.02	2250
059150	208	276	< 1	0.14	< 10	< 20	< 5	< 10	0.30	< 5	115	1820	95	6.39	< 10	0.01	22.3	1000	< 5	0.01	2090
059151	208	276	< 1	0.17	< 10	< 20	< 5	< 10	0.31	< 5	115	2010	70	6.42	< 10	0.01	21.9	1000	< 5	0.01	2130
059152	208	276	< 1	0.16	< 10	< 20	< 5	< 10	0.34	< 5	115	1950	75	6.18	< 10	0.01	22.3	990	< 5	0.01	2070
059153	208	276	< 1	0.12	< 10	< 20	< 5	< 10	0.27	< 5	125	2000	80	6.53	< 10	< 0.01	23.8	1090	< 5	0.01	2330
059154	208	276	< 1	0.34	< 10	< 20	< 5	< 10	1.07	< 5	80	2070	125	5.16	< 10	0.03	17.00	770	< 5	0.02	1505
059155	208	276	< 1	0.12	< 10	< 20	< 5	< 10	0.52	< 5	125	1790	155	7.15	< 10	0.01	22.4	1100	< 5	0.01	2150
059156	208	276	< 1	0.11	< 10	< 20	< 5	< 10	0.20	< 5	120	2020	95	6.76	< 10	< 0.01	23.4	1050	< 5	0.02	2360
059157	208	276	< 1	0.11	< 10	< 20	< 5	< 10	0.20	< 5	130	2010	70	6.96	< 10	< 0.01	22.7	1080	< 5	0.01	2280

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
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Project : CANALASK-72
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CERTIFICATE OF ANALYSIS A9721089

SAMPLE	PREP CODE		P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
059118	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	40
059119	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	45
059120	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	55
059121	208	276	< 100	5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	35
059122	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	50
059123	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	55
059124	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	35
059125	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	35
059126	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	55
059127	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	35
059128	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	25
059129	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	45
059130	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	50
059131	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	35
059132	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	30
059133	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	55
059134	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	40
059135	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	125
059136	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	40
059137	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	45
059138	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	45
059139	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	45
059140	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	40
059141	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	150
059142	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	30
059143	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	30
059144	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	45
059145	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	20
059146	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	20
059147	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	35
059148	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	55
059149	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	40
059150	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	50
059151	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	20
059152	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	20
059153	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	25
059154	208	276	< 100	< 5	< 10	< 5	< 5	0.03	< 20	< 20	20	< 20	40
059155	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	20
059156	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	25
059157	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	85

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

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To: EXPATRIATE RESOURCES LTD.
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1016 - 510 W. HASTINGS ST.
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V6B 1L8

Project : CANALASK-72
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CERTIFICATE OF ANALYSIS A9721089

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
059158	208	276	< 1	0.33	< 10	< 20	< 5	< 10	0.71	< 5	85	1920	140	5.81	< 10	0.01	19.60	910	< 5	0.02	1870
059159	208	276	< 1	0.10	< 10	< 20	< 5	< 10	0.17	< 5	125	1710	60	6.92	< 10	< 0.01	23.7	1090	< 5	0.02	2620
059160	208	276	< 1	0.11	< 10	< 20	< 5	< 10	0.16	< 5	115	1750	80	7.22	< 10	< 0.01	23.2	1060	< 5	0.02	2170
059161	208	276	< 1	0.09	< 10	< 20	< 5	< 10	0.15	< 5	115	1650	75	6.78	< 10	< 0.01	23.8	1070	< 5	0.01	2190
059162	208	276	< 1	0.24	< 10	< 20	< 5	< 10	0.19	< 5	135	1680	260	7.30	< 10	< 0.01	23.7	1150	< 5	0.01	3800
059163	208	276	< 1	0.13	< 10	< 20	< 5	< 10	0.18	< 5	155	1580	220	6.81	< 10	< 0.01	23.2	1060	< 5	0.01	4760

CERTIFICATION: Ivan Bichler

Chemex Labs Ltd.

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1016 - 510 W. HASTINGS ST.
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CERTIFICATE OF ANALYSIS A9721089

SAMPLE	PREP CODE		P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
059158	208	276	< 100	< 5	< 10	< 5	< 5	0.02	< 20	< 20	20	< 20	45
059159	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	25
059160	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	40
059161	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	20
059162	208	276	< 100	< 5	< 10	< 5	< 5	0.02	< 20	< 20	< 20	< 20	40
059163	208	276	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	50

CERTIFICATION: Stewart Borthwick

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9721088

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
058974	208	294	< 1	0.98	10	40	< 5	< 10	1.13	< 5	95	1700	40	7.29	< 10	0.26	19.05	1090	< 5	0.04	1850
058975	208	294	< 1	0.16	30	< 20	< 5	< 10	0.10	< 5	130	2080	20	7.37	< 10	< 0.01	23.9	1200	< 5	0.01	2380
058976	208	294	< 1	0.17	< 10	< 20	< 5	< 10	0.21	< 5	115	1640	10	6.98	< 10	0.01	21.9	1020	< 5	0.01	2100
058977	208	294	< 1	0.13	< 10	< 20	< 5	< 10	0.10	< 5	125	1810	15	7.41	< 10	< 0.01	23.8	1100	< 5	0.01	2360
058978	208	294	< 1	0.15	< 10	< 20	< 5	< 10	0.13	< 5	125	1960	10	7.40	< 10	< 0.01	23.6	1140	< 5	0.01	2360
058979	208	294	< 1	0.15	10	< 20	< 5	< 10	0.12	< 5	125	2000	15	7.36	< 10	< 0.01	24.0	1130	< 5	0.01	2340
058980	208	294	< 1	0.16	< 10	< 20	< 5	< 10	0.13	< 5	115	2050	15	7.31	< 10	0.01	23.4	1130	< 5	0.01	2350
058981	208	294	< 1	0.14	< 10	< 20	< 5	< 10	0.11	< 5	125	1900	20	7.62	< 10	< 0.01	23.7	1150	< 5	0.01	2350
058982	208	294	< 1	0.15	< 10	< 20	< 5	< 10	0.18	< 5	115	1930	15	7.02	< 10	< 0.01	22.2	1070	< 5	0.01	2150
058983	208	294	< 1	0.13	< 10	< 20	< 5	< 10	0.12	< 5	125	1640	40	7.78	< 10	< 0.01	23.4	1140	< 5	0.01	2190
058984	208	294	< 1	0.15	< 10	< 20	< 5	< 10	0.15	< 5	125	2100	55	7.03	< 10	0.01	23.4	1150	< 5	0.01	2260
058985	208	294	< 1	0.26	10	< 20	< 5	< 10	0.68	< 5	105	1960	45	6.70	< 10	0.01	20.4	970	< 5	0.01	1815
058986	208	294	< 1	0.22	< 10	< 20	< 5	< 10	0.45	< 5	120	1740	90	7.34	< 10	0.01	22.2	1090	< 5	0.01	2060
058987	208	294	< 1	0.13	< 10	< 20	< 5	< 10	0.14	< 5	125	1640	155	7.78	< 10	< 0.01	23.2	1150	< 5	0.01	2270
058988	208	294	< 1	0.21	< 10	< 20	< 5	< 10	0.68	< 5	125	1590	60	7.63	< 10	< 0.01	22.6	1130	< 5	0.01	2300
058989	208	294	< 1	0.20	< 10	< 20	< 5	< 10	0.12	< 5	125	1870	70	7.66	< 10	< 0.01	23.0	1070	< 5	0.01	2390
058990	208	294	< 1	0.61	< 10	< 20	< 5	< 10	2.27	< 5	120	1560	45	6.94	< 10	< 0.01	21.5	1120	< 5	0.01	2250
058991	208	294	< 1	0.05	< 10	< 20	< 5	< 10	0.10	< 5	120	1520	50	7.65	< 10	< 0.01	23.4	1120	< 5	0.01	2380
058992	208	294	< 1	0.07	< 10	< 20	< 5	< 10	0.12	< 5	130	1850	45	8.25	< 10	< 0.01	24.1	1270	< 5	0.01	2250
058993	208	294	< 1	0.07	< 10	< 20	< 5	< 10	0.11	< 5	130	1660	35	8.07	< 10	< 0.01	23.8	1190	< 5	0.01	2200
058994	208	294	< 1	0.10	< 10	< 20	< 5	< 10	0.13	< 5	130	1910	55	8.04	< 10	< 0.01	23.9	1280	< 5	0.01	2300
058995	208	294	< 1	0.10	< 10	< 20	< 5	< 10	0.15	< 5	150	1930	65	8.45	< 10	< 0.01	24.3	1390	< 5	0.01	2600
058996	208	294	< 1	0.17	< 10	< 20	< 5	< 10	0.24	< 5	115	1950	35	8.11	< 10	0.01	23.6	1310	< 5	0.01	2140
058997	208	294	< 1	0.09	< 10	< 20	< 5	< 10	0.12	< 5	125	1730	25	8.41	< 10	< 0.01	23.6	1360	< 5	0.01	2200
058998	208	294	< 1	0.13	< 10	< 20	< 5	< 10	0.13	< 5	130	1720	15	8.08	< 10	0.01	23.1	1390	< 5	0.01	2180
058999	208	294	< 1	0.19	< 10	< 20	< 5	< 10	0.14	< 5	115	1620	< 5	8.24	< 10	0.02	23.6	1430	< 5	0.01	2110
059000	208	294	< 1	0.23	< 10	< 20	< 5	< 10	0.15	< 5	115	1430	< 5	8.19	< 10	0.03	23.4	1550	< 5	0.01	2090
059001	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059002	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059003	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059004	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059005	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059006	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059007	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059008	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059009	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059101	208	294	< 1	0.28	< 10	< 20	< 5	< 10	0.16	< 5	105	1420	< 5	8.22	< 10	0.03	23.4	1440	< 5	0.01	2050
059102	208	294	< 1	0.18	< 10	< 20	< 5	< 10	0.17	< 5	115	2660	5	7.24	< 10	0.01	24.3	1250	< 5	0.01	2250
059103	208	294	< 1	0.27	10	< 20	< 5	< 10	0.53	< 5	125	2420	5	6.98	< 10	0.01	22.6	1050	< 5	0.01	2420
059104	208	294	< 1	0.34	< 10	< 20	< 5	< 10	0.55	< 5	120	2350	10	7.12	< 10	0.01	23.9	1170	< 5	0.01	2310

CERTIFICATION: Ian Bichler

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Project : CANALASK-71
Comments:

Certificate Date: 28-APR-97
Invoice No. : I9721088
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Account :MPO

CERTIFICATE OF ANALYSIS A9721088

SAMPLE	PREP CODE		P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
058974	208	294	400	< 5	< 10	< 5	30	0.06	< 20	< 20	40	< 20	60
058975	208	294	< 100	< 5	< 10	5	< 5	0.02	< 20	< 20	< 20	< 20	35
058976	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	40
058977	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	40
058978	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	125
058979	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	30
058980	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	45
058981	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	30
058982	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	30
058983	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	40
058984	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	40
058985	208	294	< 100	< 5	< 10	< 5	< 5	0.02	< 20	< 20	20	< 20	50
058986	208	294	< 100	< 5	< 10	< 5	< 5	0.02	< 20	< 20	< 20	< 20	45
058987	208	294	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	< 20	< 20	30
058988	208	294	< 100	< 5	< 10	5	< 5	0.04	< 20	< 20	< 20	< 20	35
058989	208	294	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	< 20	< 20	30
058990	208	294	< 100	< 5	< 10	5	< 5	0.03	< 20	< 20	< 20	< 20	40
058991	208	294	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	25
058992	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	70
058993	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	20
058994	208	294	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	< 20	< 20	40
058995	208	294	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	< 20	< 20	30
058996	208	294	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	20	< 20	35
058997	208	294	< 100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	30
058998	208	294	< 100	5	< 10	< 5	< 5	0.01	< 20	< 20	< 20	< 20	45
058999	208	294	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	< 20	< 20	40
059000	208	294	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	< 20	< 20	55
059001	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059002	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059003	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059004	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059005	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059006	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059007	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059008	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059009	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
059101	208	294	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	< 20	< 20	50
059102	208	294	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	< 20	< 20	40
059103	208	294	< 100	< 5	< 10	5	< 5	0.02	< 20	< 20	< 20	< 20	30
059104	208	294	< 100	< 5	< 10	5	< 5	0.03	< 20	< 20	20	< 20	25

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SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
059105	208	294	< 1	0.39	< 10	< 20	< 5	< 10	0.78	< 5	90	1940	20	6.27	< 10	0.02	19.70	970	< 5	0.01	1790
059106	208	294	< 1	0.30	< 10	< 20	< 5	< 10	0.42	< 5	115	1950	20	7.67	< 10	0.01	22.9	1160	< 5	0.01	2100
059107	208	294	< 1	0.29	< 10	< 20	< 5	< 10	0.20	< 5	110	1480	45	8.02	< 10	0.01	21.7	1160	< 5	0.01	2050
059108	208	294	< 1	0.36	< 10	< 20	< 5	< 10	0.20	< 5	115	1900	50	7.83	< 10	0.01	23.3	1200	< 5	0.01	2150
059109	208	294	< 1	0.79	< 10	< 20	< 5	< 10	0.97	< 5	115	1480	50	7.34	< 10	0.02	21.6	1110	< 5	0.01	2040
059110	208	294	< 1	1.42	< 10	< 20	< 5	< 10	1.80	< 5	105	1190	70	7.06	< 10	0.01	20.3	1030	< 5	0.01	1840
059111	208	294	< 1	0.63	< 10	< 20	< 5	< 10	0.27	< 5	120	1940	160	8.27	< 10	0.02	23.3	1190	< 5	0.01	2290
059112	208	294	< 1	0.73	< 10	< 20	< 5	< 10	0.48	< 5	115	1770	70	7.69	< 10	0.03	22.1	1090	< 5	0.01	2020
059113	208	294	< 1	0.81	10	< 20	< 5	< 10	0.45	< 5	110	1170	60	7.43	< 10	0.05	21.7	1100	< 5	0.01	1985
059114	208	294	< 1	0.88	10	< 20	< 5	< 10	0.51	< 5	105	1190	85	7.68	< 10	0.05	21.2	1100	< 5	0.01	1950
059115	208	294	< 1	0.91	< 10	20	< 5	< 10	0.33	< 5	125	640	190	7.55	< 10	0.06	21.7	1130	< 5	0.01	2410
059116	208	294	< 1	0.86	< 10	< 20	< 5	< 10	0.52	< 5	105	1370	95	7.87	< 10	0.04	21.6	1240	< 5	0.03	1975
059117	208	294	< 1	0.90	< 10	< 20	< 5	< 10	0.52	< 5	110	1180	70	7.06	< 10	0.08	21.1	1150	< 5	0.03	1980

CERTIFICATION: Ian J. Bichler

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SAMPLE	PREP CODE		P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
059105	208	294	< 100	< 5	< 10	5	< 5	0.03	< 20	< 20	< 20	< 20	45
059106	208	294	< 100	< 5	< 10	5	< 5	0.03	< 20	< 20	< 20	< 20	55
059107	208	294	< 100	< 5	< 10	5	< 5	0.02	< 20	< 20	< 20	< 20	60
059108	208	294	< 100	< 5	< 10	5	< 5	0.03	< 20	< 20	20	< 20	25
059109	208	294	100	< 5	< 10	5	< 5	0.04	< 20	< 20	20	< 20	45
059110	208	294	100	< 5	< 10	5	5	0.07	< 20	< 20	20	< 20	30
059111	208	294	< 100	< 5	< 10	5	< 5	0.04	< 20	< 20	20	< 20	70
059112	208	294	< 100	< 5	< 10	5	< 5	0.05	< 20	< 20	20	< 20	30
059113	208	294	< 100	< 5	< 10	5	< 5	0.05	< 20	< 20	< 20	< 20	35
059114	208	294	< 100	< 5	< 10	5	< 5	0.06	< 20	< 20	20	< 20	45
059115	208	294	< 100	< 5	< 10	5	< 5	0.05	< 20	< 20	< 20	< 20	45
059116	208	294	< 100	< 5	< 10	5	< 5	0.06	< 20	< 20	20	< 20	45
059117	208	294	< 100	< 5	< 10	5	< 5	0.06	< 20	< 20	< 20	< 20	35

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CERTIFICATE OF ANALYSIS A9719748

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
M058927	208 276	< 1	0.87	< 10	< 20	< 5	< 10	0.30	< 5	110	1150	45	7.80	< 10	0.06	19.50	1120	< 5	0.01	1850
M058928	208 276	< 1	0.88	< 10	< 20	< 5	< 10	0.39	< 5	120	1380	85	8.20	< 10	0.04	20.0	1220	< 5	0.02	1550
M058929	208 276	< 1	0.86	< 10	< 20	< 5	< 10	0.36	< 5	125	1420	240	8.33	< 10	0.03	19.70	1140	< 5	0.01	2780
M058930	208 276	< 1	1.04	< 10	< 20	< 5	< 10	0.57	< 5	110	1460	270	7.96	< 10	0.05	19.65	1110	< 5	0.02	2250
M058931	208 276	< 1	1.17	< 10	< 20	< 5	< 10	0.43	< 5	150	1070	780	8.36	< 10	0.06	19.05	1020	< 5	0.01	4190
M058932	208 276	< 1	1.21	< 10	20	< 5	< 10	0.57	< 5	115	1090	730	9.43	< 10	0.06	18.85	1030	< 5	0.01	3220
M058933	208 276	< 1	1.25	< 10	20	< 5	< 10	0.38	< 5	150	870	475	8.41	< 10	0.10	19.10	930	< 5	0.01	3330
M058934	208 276	< 1	1.37	10	40	< 5	< 10	0.30	< 5	130	920	330	7.49	< 10	0.12	18.70	970	< 5	0.01	3440
M058935	208 276	< 1	1.52	< 10	60	< 5	< 10	0.31	< 5	125	1020	330	7.91	< 10	0.17	18.40	920	< 5	0.01	2810
M058936	208 276	< 1	1.65	< 10	80	< 5	< 10	0.63	< 5	110	650	135	7.38	< 10	0.19	19.60	1140	5	0.02	2490
M058937	208 276	< 1	1.66	< 10	100	< 5	< 10	0.54	< 5	100	830	65	7.66	< 10	0.24	18.25	1070	< 5	0.02	1900
M058938	208 276	< 1	1.73	< 10	180	< 5	< 10	0.95	< 5	105	700	70	7.32	< 10	0.30	18.50	1150	< 5	0.03	2190
M058939	208 276	< 1	1.69	< 10	100	< 5	< 10	0.60	< 5	110	760	80	7.48	< 10	0.21	19.55	1140	< 5	0.02	2280
M058940	208 276	< 1	1.72	< 10	120	< 5	< 10	1.06	< 5	110	670	70	7.24	< 10	0.28	18.55	1160	< 5	0.03	2260
M058941	208 276	< 1	1.62	< 10	100	< 5	< 10	0.66	< 5	105	620	60	7.62	< 10	0.22	19.10	1120	< 5	0.03	2040
M058942	208 276	< 1	1.67	< 10	80	< 5	< 10	0.62	< 5	115	690	200	7.42	< 10	0.25	18.60	1060	< 5	0.03	2410
M058943	208 276	< 1	1.63	< 10	140	< 5	< 10	0.53	< 5	110	670	255	7.74	< 10	0.37	18.85	1040	< 5	0.03	2410
M058944	208 276	< 1	1.70	< 10	120	< 5	< 10	0.63	< 5	100	800	235	7.29	< 10	0.32	18.15	1040	< 5	0.03	2280
M058945	208 276	< 1	1.69	< 10	140	< 5	< 10	0.76	< 5	105	810	40	7.61	< 10	0.40	18.20	1150	< 5	0.04	2050
M058946	208 276	< 1	1.46	< 10	160	< 5	< 10	0.88	< 5	105	510	120	7.56	< 10	0.41	17.95	1130	5	0.06	2150
M058947	208 276	< 1	1.68	< 10	180	< 5	< 10	0.84	< 5	130	690	515	8.74	< 10	0.41	17.75	1150	< 5	0.04	3110
M058948	208 276	< 1	1.55	< 10	160	< 5	< 10	1.01	< 5	105	430	260	7.84	< 10	0.33	17.45	1150	< 5	0.06	1990
M058949	208 276	< 1	1.43	< 10	140	< 5	< 10	0.74	< 5	115	430	345	7.83	< 10	0.30	17.35	1080	< 5	0.05	2390
M058950	208 276	< 1	1.42	< 10	140	< 5	< 10	0.73	< 5	110	440	320	7.60	< 10	0.31	16.40	1030	< 5	0.05	2200
M058951	208 276	< 1	3.78	< 10	340	< 5	< 10	1.82	< 5	195	1210	260	14.70	< 10	0.89	>30.0	2060	5	0.09	3610
M058952	208 276	< 1	2.21	< 10	220	< 5	< 10	1.07	< 5	95	820	145	7.58	< 10	0.48	15.50	1080	< 5	0.06	1920
M058953	208 276	< 1	2.05	< 10	180	< 5	< 10	1.11	< 5	105	590	310	7.63	< 10	0.36	14.95	1040	< 5	0.08	1810
M058954	208 276	< 1	2.01	< 10	180	< 5	< 10	1.31	< 5	95	470	385	7.03	< 10	0.30	13.55	980	5	0.11	1855
M058955	208 276	< 1	2.34	< 10	180	< 5	< 10	1.52	< 5	90	570	125	7.10	< 10	0.34	13.30	1040	< 5	0.11	1495
M058956	208 276	< 1	2.55	< 10	220	< 5	< 10	1.28	< 5	80	530	100	7.10	< 10	0.39	13.45	1040	< 5	0.10	1280
M058957	208 276	< 1	2.35	< 10	160	< 5	10	1.37	< 5	100	500	355	7.29	< 10	0.28	12.00	960	< 5	0.14	1575
M058958	208 276	< 1	2.83	< 10	100	< 5	< 10	0.78	< 5	105	570	715	6.86	< 10	0.30	9.67	770	< 5	0.13	2130
M058959	208 276	< 1	2.98	< 10	120	< 5	< 10	0.96	< 5	110	600	730	7.15	< 10	0.31	10.15	830	< 5	0.14	2130
M058960	208 276	< 1	2.87	< 10	120	< 5	< 10	1.08	< 5	15	70	105	5.58	< 10	0.40	1.92	560	< 5	0.21	45
M058961	208 276	< 1	3.94	40	60	< 5	< 10	2.23	< 5	20	50	265	5.64	< 10	0.57	2.63	830	< 5	0.18	20
M058962	208 276	1	3.80	10	100	< 5	< 10	6.14	< 5	25	40	1720	6.38	< 10	0.41	2.22	1170	< 5	0.15	195
M058963	208 276	< 1	6.40	10	40	< 5	< 10	3.46	< 5	45	110	375	7.82	< 10	0.17	5.04	1170	< 5	0.02	610
M058964	208 276	< 1	5.56	< 10	80	< 5	< 10	1.79	< 5	55	120	45	17.90	< 10	0.21	4.47	1270	< 5	0.01	1100
M058965	208 276	< 1	5.31	< 10	80	< 5	< 10	2.25	< 5	60	120	30	22.8	< 10	0.22	3.70	1190	5	0.03	960
M058966	208 276	< 1	6.26	10	60	< 5	< 10	2.46	< 5	50	90	45	10.25	< 10	0.18	4.51	1440	< 5	0.02	735

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P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9719748

SAMPLE	PREP CODE		P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M058927	208	276	< 100	< 5	< 10	5	5	0.04	20	< 20	20	< 20	35
M058928	208	276	< 100	< 5	< 10	5	< 5	0.04	20	< 20	20	< 20	35
M058929	208	276	< 100	< 5	< 10	5	< 5	0.04	< 20	< 20	20	< 20	60
M058930	208	276	< 100	< 5	< 10	5	10	0.05	< 20	< 20	20	< 20	60
M058931	208	276	< 100	< 5	< 10	5	< 5	0.05	< 20	< 20	20	< 20	90
M058932	208	276	100	10	< 10	5	< 5	0.06	< 20	< 20	40	< 20	85
M058933	208	276	100	< 5	< 10	5	< 5	0.05	20	< 20	20	< 20	150
M058934	208	276	100	5	< 10	5	15	0.07	< 20	< 20	20	< 20	35
M058935	208	276	100	< 5	< 10	5	< 5	0.08	< 20	< 20	40	< 20	65
M058936	208	276	100	< 5	< 10	5	10	0.10	< 20	< 20	20	< 20	35
M058937	208	276	100	5	< 10	5	< 5	0.10	< 20	< 20	40	< 20	55
M058938	208	276	100	5	< 10	5	25	0.10	< 20	< 20	40	< 20	35
M058939	208	276	100	< 5	< 10	5	20	0.10	< 20	< 20	40	< 20	35
M058940	208	276	100	15	< 10	5	20	0.09	20	< 20	40	< 20	40
M058941	208	276	100	< 5	< 10	5	10	0.09	< 20	< 20	40	< 20	35
M058942	208	276	100	5	10	5	15	0.09	< 20	< 20	40	< 20	40
M058943	208	276	100	< 5	< 10	5	5	0.08	< 20	< 20	20	< 20	45
M058944	208	276	100	< 5	< 10	5	15	0.09	< 20	< 20	40	< 20	70
M058945	208	276	100	< 5	< 10	5	30	0.10	< 20	< 20	40	< 20	50
M058946	208	276	100	< 5	10	< 5	60	0.08	20	< 20	20	< 20	60
M058947	208	276	100	< 5	< 10	5	40	0.10	20	< 20	40	< 20	65
M058948	208	276	100	15	< 10	< 5	65	0.09	< 20	< 20	20	< 20	55
M058949	208	276	100	< 5	< 10	< 5	40	0.08	< 20	< 20	20	< 20	55
M058950	208	276	300	15	< 10	< 5	45	0.08	< 20	< 20	20	< 20	55
M058951	208	276	400	< 5	< 10	10	95	0.19	< 20	< 20	80	< 20	100
M058952	208	276	200	5	< 10	5	40	0.15	< 20	< 20	60	< 20	65
M058953	208	276	200	10	< 10	5	45	0.12	< 20	< 20	60	< 20	55
M058954	208	276	300	< 5	< 10	5	55	0.13	< 20	< 20	60	< 20	45
M058955	208	276	200	< 5	< 10	5	50	0.13	20	< 20	60	< 20	55
M058956	208	276	200	< 5	< 10	5	55	0.15	< 20	< 20	60	< 20	95
M058957	208	276	300	15	< 10	< 5	60	0.14	< 20	< 20	60	< 20	55
M058958	208	276	300	10	< 10	< 5	45	0.16	< 20	< 20	60	< 20	55
M058959	208	276	300	5	< 10	< 5	55	0.17	< 20	< 20	60	< 20	55
M058960	208	276	100	< 5	< 10	20	100	0.35	< 20	< 20	160	< 20	125
M058961	208	276	200	5	< 10	20	80	0.29	< 20	< 20	160	< 20	70
M058962	208	276	200	5	< 10	15	205	0.28	< 20	< 20	120	< 20	130
M058963	208	276	< 100	< 5	< 10	5	60	0.30	< 20	< 20	40	< 20	165
M058964	208	276	< 100	< 5	< 10	5	50	0.32	< 20	< 20	140	< 20	1075
M058965	208	276	< 100	< 5	< 10	10	20	0.31	< 20	< 20	160	< 20	865
M058966	208	276	< 100	< 5	< 10	5	30	0.26	< 20	< 20	60	< 20	810

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

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

Project : CANALASK-79
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CERTIFICATE OF ANALYSIS A9719748

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
M058967	208	276	< 1	5.05	50	20	< 5	< 10	5.79	5	80	60	285	6.83	< 10	0.10	3.09	1450	5	0.08	1085
M058968	208	276	< 1	2.29	< 10	80	< 5	< 10	9.59	< 5	10	40	450	4.70	< 10	0.14	1.03	880	15	0.12	20
M058969	208	276	< 1	4.03	< 10	< 20	< 5	< 10	14.15	< 5	15	30	435	2.27	< 10	0.04	0.08	430	20	0.05	30
M058970	208	276	< 1	1.91	< 10	20	< 5	< 10	16.70	< 5	5	20	395	1.90	< 10	0.04	0.08	760	15	0.08	30
M058971	208	276	< 1	1.56	< 10	20	< 5	< 10	17.40	< 5	< 5	10	360	1.79	< 10	0.05	0.08	680	5	0.07	30
M058972	208	276	< 1	1.09	< 10	< 20	< 5	10	14.45	< 5	< 5	10	300	1.81	< 10	0.03	0.04	530	< 5	0.08	30
M058973	208	276	< 1	0.93	70	20	< 5	< 10	13.25	< 5	< 5	30	220	1.58	< 10	0.03	0.16	630	5	0.07	25

CERTIFICATION: Ian Bradley

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CERTIFICATE OF ANALYSIS A9719748

SAMPLE	PREP CODE	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M058967	208 276	< 100	5	< 10	5	165	0.19	< 20	< 20	20	< 20	2790
M058968	208 276	500	< 5	< 10	15	490	0.14	< 20	< 20	60	< 20	110
M058969	208 276	600	< 5	< 10	< 5	60	0.27	< 20	< 20	20	< 20	50
M058970	208 276	400	< 5	< 10	< 5	55	0.15	< 20	< 20	< 20	< 20	30
M058971	208 276	400	< 5	< 10	< 5	90	0.15	< 20	< 20	< 20	< 20	30
M058972	208 276	300	20	< 10	< 5	25	0.13	< 20	< 20	< 20	< 20	30
M058973	208 276	300	5	< 10	< 5	115	0.12	< 20	< 20	< 20	< 20	25

CERTIFICATION: Ian Bichler

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CERTIFICATE OF ANALYSIS A9719497

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
058881	208	276	< 1	0.05	< 10	< 20	< 5	< 10	0.07	< 5	110	650	< 5	6.73	< 10	< 0.01	23.4	1130	< 5	0.03	2460
058882	208	276	< 1	0.20	10	< 20	< 5	< 10	0.05	< 5	110	1640	5	6.66	< 10	< 0.01	22.7	710	< 5	0.02	2250
058883	208	276	< 1	0.19	< 10	< 20	< 5	< 10	0.02	< 5	120	1640	25	6.41	< 10	< 0.01	22.9	690	< 5	0.02	2200
058884	208	276	< 1	0.28	< 10	< 20	< 5	< 10	0.03	< 5	110	1220	35	7.39	< 10	0.01	23.0	800	< 5	0.02	2130
058885	208	276	< 1	0.22	< 10	< 20	< 5	< 10	0.03	< 5	120	1050	55	7.61	< 10	< 0.01	22.9	850	< 5	0.01	2090
058886	208	276	< 1	0.12	< 10	< 20	< 5	< 10	0.03	< 5	115	1130	100	7.65	< 10	< 0.01	22.5	890	< 5	0.02	2120
058887	208	276	< 1	0.29	< 10	< 20	< 5	< 10	0.38	< 5	110	1280	70	6.99	< 10	< 0.01	20.9	1030	< 5	0.02	2150
058888	208	276	< 1	0.08	< 10	< 20	< 5	< 10	0.03	< 5	115	1230	30	7.54	< 10	< 0.01	22.5	1020	< 5	0.01	2250
058889	208	276	< 1	0.11	< 10	< 20	< 5	< 10	0.03	< 5	115	1350	75	7.11	< 10	< 0.01	22.2	1050	< 5	0.02	2300
058890	208	276	< 1	0.09	< 10	< 20	< 5	< 10	0.03	< 5	125	1200	75	7.10	< 10	< 0.01	22.9	1050	< 5	0.02	2500
058891	208	276	< 1	0.09	< 10	< 20	< 5	< 10	0.03	< 5	125	1210	115	7.91	< 10	< 0.01	22.5	1040	< 5	0.01	2780
058892	208	276	< 1	0.11	< 10	< 20	< 5	< 10	0.03	< 5	120	1350	85	8.07	< 10	< 0.01	22.4	1070	< 5	0.01	2360
058893	208	276	< 1	0.08	< 10	< 20	< 5	< 10	0.03	< 5	115	1330	25	7.81	< 10	< 0.01	23.1	1080	< 5	0.02	2240
058894	208	276	< 1	0.07	< 10	< 20	< 5	< 10	0.03	< 5	115	1050	40	8.06	< 10	< 0.01	22.7	1000	< 5	0.02	2010
058895	208	276	< 1	0.07	< 10	< 20	< 5	< 10	0.03	< 5	110	1050	75	9.78	< 10	< 0.01	22.4	1090	< 5	0.02	1885
058896	208	276	< 1	0.10	< 10	< 20	< 5	< 10	0.03	< 5	120	1080	50	7.69	< 10	< 0.01	22.9	950	< 5	0.02	2130
058897	208	276	< 1	0.13	< 10	< 20	< 5	< 10	0.04	< 5	120	1190	80	7.40	< 10	< 0.01	22.8	840	< 5	0.02	2220
058898	208	276	< 1	0.12	< 10	< 20	< 5	< 10	0.04	< 5	120	1130	105	7.95	< 10	< 0.01	22.1	770	< 5	0.01	2130
058899	208	276	< 1	0.94	< 10	20	< 5	< 10	0.45	< 5	95	1030	115	6.72	< 10	0.42	19.20	740	< 5	0.03	1985
058900	208	276	< 1	0.75	< 10	< 20	< 5	< 10	0.24	< 5	105	1200	595	8.97	< 10	0.09	21.0	1200	< 5	0.03	2010
058901	208	276	< 1	0.27	< 10	< 20	< 5	< 10	0.08	< 5	125	1390	205	7.95	< 10	0.01	22.0	880	< 5	0.02	2600
058902	208	276	< 1	0.51	< 10	220	< 5	< 10	1.22	< 5	95	880	110	5.64	< 10	0.09	17.25	780	< 5	0.33	1825
058903	208	276	< 1	4.95	< 10	200	< 5	< 10	2.48	< 5	45	330	55	5.14	< 10	2.86	7.27	1100	< 5	0.04	430
058904	208	276	< 1	0.35	< 10	60	< 5	< 10	0.27	< 5	125	1210	170	7.68	< 10	0.03	21.7	820	< 5	0.06	2340
058905	208	276	< 1	0.34	< 10	300	< 5	< 10	0.81	< 5	125	1270	110	6.68	< 10	0.01	21.4	890	< 5	0.02	2230
058906	208	276	< 1	1.21	< 10	3440	< 5	< 10	4.73	< 5	50	550	70	3.24	< 10	0.18	8.84	940	< 5	0.36	885
058907	208	276	< 1	0.30	< 10	60	< 5	< 10	0.42	< 5	135	1500	235	8.22	< 10	0.01	22.6	1010	< 5	0.02	2350
058908	208	276	< 1	0.65	10	< 20	< 5	< 10	1.67	< 5	110	1260	175	7.51	< 10	< 0.01	21.0	1090	< 5	0.02	2160
058909	208	276	< 1	0.34	< 10	< 20	< 5	< 10	0.13	< 5	135	1440	250	7.59	< 10	< 0.01	23.0	980	< 5	0.02	3590
058910	208	276	< 1	0.26	< 10	< 20	< 5	< 10	0.13	< 5	135	1310	195	7.28	< 10	< 0.01	23.2	1000	< 5	0.02	2850
058911	208	276	< 1	0.30	< 10	< 20	< 5	< 10	0.14	< 5	135	1340	270	7.46	< 10	0.01	23.4	1140	< 5	0.03	2650
058912	208	276	< 1	0.26	< 10	< 20	< 5	< 10	0.10	< 5	150	650	420	6.11	< 10	0.01	23.6	990	< 5	0.01	3600
058913	208	276	< 1	0.33	< 10	< 20	< 5	< 10	0.11	< 5	125	1340	320	8.19	< 10	0.01	23.1	1170	< 5	0.03	2500
058914	208	276	< 1	0.25	< 10	< 20	< 5	< 10	0.10	< 5	125	1030	415	9.55	< 10	0.01	22.1	1320	< 5	0.03	2400
058915	208	276	< 1	0.32	< 10	< 20	< 5	< 10	0.12	< 5	120	320	35	7.49	< 10	0.03	23.6	1150	5	0.01	2250
058916	208	276	< 1	1.30	< 10	< 20	< 5	< 10	0.93	< 5	110	1510	145	7.10	< 10	0.03	20.1	1080	< 5	0.02	2120
058917	208	276	< 1	0.98	< 10	< 20	< 5	< 10	0.32	< 5	115	1640	145	6.84	< 10	0.03	21.5	1100	< 5	0.03	2070
058918	208	276	< 1	0.94	< 10	< 20	< 5	< 10	0.48	< 5	110	1840	120	7.30	< 10	0.02	20.7	1170	< 5	0.02	2000
058919	208	276	< 1	0.99	< 10	< 20	< 5	< 10	0.40	< 5	110	1910	160	7.07	< 10	0.03	20.5	1110	< 5	0.03	2530
058920	208	276	< 1	1.11	10	< 20	< 5	< 10	0.33	< 5	130	1660	170	6.99	< 10	0.02	22.3	1140	< 5	0.02	2740

CERTIFICATION: Stuart Buchler

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058881	208	276	< 100	5	10	< 5	< 5	< 0.01	< 20	< 20	20	< 20	25
058882	208	276	100	< 5	< 10	< 5	< 5	0.01	< 20	< 20	20	< 20	10
058883	208	276	< 100	< 5	< 10	< 5	< 5	0.01	20	< 20	20	< 20	15
058884	208	276	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	20	< 20	25
058885	208	276	< 100	< 5	< 10	5	< 5	0.01	20	< 20	20	< 20	30
058886	208	276	< 100	5	< 10	< 5	< 5	< 0.01	< 20	< 20	20	< 20	35
058887	208	276	100	< 5	< 10	< 5	20	0.03	20	< 20	20	< 20	20
058888	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	20	< 20	15
058889	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	20	< 20	20
058890	208	276	< 100	5	< 10	< 5	< 5	0.01	< 20	< 20	20	< 20	15
058891	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	20	< 20	15
058892	208	276	< 100	5	< 10	< 5	< 5	< 0.01	< 20	< 20	20	< 20	20
058893	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	20	< 20	20	< 20	15
058894	208	276	< 100	< 5	< 10	< 5	< 5	< 0.01	< 20	< 20	20	< 20	45
058895	208	276	< 100	< 5	< 10	< 5	5	< 0.01	< 20	< 20	20	< 20	225
058896	208	276	< 100	5	< 10	< 5	< 5	< 0.01	< 20	< 20	20	< 20	10
058897	208	276	< 100	5	< 10	< 5	< 5	< 0.01	< 20	< 20	20	< 20	20
058898	208	276	< 100	< 5	< 10	< 5	5	0.01	< 20	< 20	20	< 20	5
058899	208	276	100	< 5	< 10	5	5	0.05	< 20	< 20	40	< 20	20
058900	208	276	100	5	< 10	5	15	0.03	< 20	< 20	40	< 20	165
058901	208	276	< 100	< 5	< 10	< 5	< 5	0.01	20	< 20	20	< 20	20
058902	208	276	100	< 5	< 10	< 5	240	0.07	< 20	< 20	20	< 20	10
058903	208	276	600	5	< 10	< 5	30	0.22	< 20	< 20	120	< 20	60
058904	208	276	< 100	< 5	< 10	5	50	0.02	< 20	< 20	20	< 20	20
058905	208	276	< 100	< 5	< 10	< 5	20	0.03	< 20	< 20	20	< 20	5
058906	208	276	100	20	< 10	< 5	460	0.16	< 20	< 20	20	< 20	20
058907	208	276	< 100	10	< 10	5	< 5	0.01	< 20	< 20	20	< 20	20
058908	208	276	< 100	< 5	< 10	< 5	5	0.04	< 20	< 20	20	< 20	20
058909	208	276	< 100	< 5	< 10	5	< 5	0.01	< 20	< 20	20	< 20	40
058910	208	276	< 100	< 5	< 10	5	15	0.01	20	< 20	20	< 20	5
058911	208	276	< 100	< 5	< 10	5	5	0.01	< 20	< 20	20	< 20	35
058912	208	276	< 100	5	< 10	< 5	< 5	0.01	20	< 20	20	< 20	5
058913	208	276	< 100	10	< 10	5	< 5	0.02	20	< 20	20	< 20	20
058914	208	276	< 100	10	< 10	< 5	< 5	0.01	< 20	< 20	20	< 20	110
058915	208	276	< 100	5	< 10	< 5	< 5	0.01	< 20	< 20	20	< 20	30
058916	208	276	100	< 5	< 10	5	< 5	0.05	20	< 20	60	< 20	45
058917	208	276	< 100	< 5	< 10	5	< 5	0.04	20	< 20	40	< 20	35
058918	208	276	< 100	< 5	< 10	5	< 5	0.04	< 20	< 20	40	< 20	50
058919	208	276	< 100	< 5	< 10	5	< 5	0.04	< 20	< 20	40	< 20	45
058920	208	276	100	< 5	< 10	5	< 5	0.04	20	< 20	40	< 20	40

CERTIFICATION: Stewart Bichler

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SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
058921	208	276	< 1	1.21	< 10	< 20	< 5	< 10	0.40	< 5	135	1890	285	7.20	< 10	0.04	21.3	1120	< 5	0.03	3140
058922	208	276	< 1	1.20	< 10	< 20	< 5	< 10	0.81	< 5	110	2020	405	8.00	< 10	0.02	19.80	1180	< 5	0.02	2550
058923	208	276	< 1	1.11	< 10	< 20	< 5	< 10	0.41	< 5	125	1880	290	7.23	< 10	0.03	21.6	1080	< 5	0.02	2950
058924	208	276	< 1	1.42	< 10	< 20	< 5	< 10	0.81	< 5	140	2730	185	7.12	< 10	0.03	21.0	1200	< 5	0.03	3000
058925	208	276	< 1	0.93	110	140	< 5	< 10	6.71	< 5	90	1550	110	5.85	10	0.11	14.65	1040	< 5	0.18	1715
058926	208	276	< 1	0.41	60	120	< 5	< 10	22.5	< 5	10	60	160	1.99	< 10	0.20	2.86	1610	5	0.06	205

CERTIFICATION: Ivan Bruckler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
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Project : Canalask-78
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Account :MPO

CERTIFICATE OF ANALYSIS A9719497

SAMPLE	PREP CODE		P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
058921	208	276	< 100	5	< 10	5	< 5	0.05	20	< 20	60	< 20	55
058922	208	276	100	< 5	10	5	< 5	0.06	< 20	< 20	60	< 20	110
058923	208	276	< 100	< 5	< 10	5	5	0.05	< 20	< 20	60	< 20	70
058924	208	276	100	10	< 10	5	< 5	0.07	< 20	< 20	60	< 20	50
058925	208	276	< 100	< 5	< 10	5	275	0.01	< 20	< 20	40	< 20	55
058926	208	276	300	5	< 10	< 5	130	< 0.01	< 20	< 20	< 20	< 20	45

CERTIFICATION: Ian Bidder

Chemex Labs Ltd.

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Invoice No. : I9719191
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Account : MPO

CERTIFICATE OF ANALYSIS A9719191

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
058791	208	274	< 1	0.91	< 10	20	< 5	< 10	0.48	< 5	155	1590	775	7.79	< 10	0.01	19.65	1040	< 5	0.01	3710
058792	208	274	< 1	1.14	< 10	< 20	< 5	< 10	0.49	< 5	155	1740	665	7.23	< 10	0.02	19.90	1000	< 5	0.01	4030
058793	208	274	< 1	1.24	< 10	< 20	< 5	< 10	0.66	< 5	110	1470	285	6.53	< 10	0.03	20.6	990	< 5	0.02	2550
058794	208	274	< 1	1.23	< 10	< 20	< 5	< 10	0.57	< 5	100	1550	345	6.89	< 10	0.04	20.3	990	< 5	0.01	2780
058795	208	274	< 1	1.32	< 10	< 20	< 5	< 10	0.53	< 5	100	1700	130	6.80	< 10	0.06	20.1	1070	< 5	0.01	2150
058796	208	274	< 1	1.32	< 10	20	< 5	< 10	0.74	< 5	95	1790	165	6.64	< 10	0.06	18.85	1020	< 5	0.01	2020
058797	208	274	< 1	1.45	< 10	40	< 5	< 10	0.77	< 5	95	1010	25	6.56	< 10	0.14	19.55	1010	< 5	0.01	1905
058798	208	274	< 1	1.50	< 10	60	< 5	< 10	0.65	< 5	100	770	40	6.59	< 10	0.18	19.70	1010	< 5	0.02	2090
058799	208	274	< 1	1.51	< 10	80	< 5	< 10	0.62	< 5	95	720	25	6.20	< 10	0.19	18.55	950	< 5	0.03	1945
058800	208	274	< 1	1.40	< 10	80	< 5	< 10	0.30	< 5	95	800	25	6.46	< 10	0.23	18.95	920	< 5	0.01	1930
058801	208	274	< 1	1.22	< 10	140	< 5	< 10	0.55	< 5	100	470	70	6.66	< 10	0.24	19.25	1060	< 5	0.02	1975
058802	208	274	< 1	1.62	< 10	80	< 5	< 10	0.62	< 5	115	630	385	7.47	< 10	0.22	17.95	1030	< 5	0.04	2330
058803	208	274	< 1	1.55	< 10	120	< 5	< 10	0.82	< 5	105	480	300	7.17	< 10	0.31	17.30	1040	< 5	0.05	2140
058804	208	274	< 1	1.52	< 10	100	< 5	< 10	0.83	< 5	125	420	875	7.61	< 10	0.24	16.65	990	< 5	0.05	2730
058805	208	274	< 1	1.56	< 10	100	< 5	< 10	0.99	< 5	135	350	1250	8.01	< 10	0.22	16.20	990	< 5	0.08	3100
058806	208	274	< 1	1.83	< 10	120	< 5	< 10	0.92	< 5	130	440	1610	7.83	< 10	0.26	15.20	930	< 5	0.06	3160
058807	208	274	< 1	1.86	< 10	140	< 5	< 10	0.96	< 5	100	340	485	7.12	< 10	0.31	14.30	890	< 5	0.10	1770
058808	208	274	< 1	2.13	< 10	140	< 5	< 10	0.76	< 5	105	480	475	7.00	< 10	0.32	12.85	840	< 5	0.08	1840
058809	208	274	< 1	1.96	< 10	120	< 5	< 10	0.66	< 5	105	360	730	6.52	< 10	0.29	10.90	680	< 5	0.09	2110
058810	208	274	< 1	2.81	< 10	120	< 5	< 10	1.20	< 5	85	470	390	6.09	< 10	0.32	10.05	700	< 5	0.13	1515
058811	208	274	< 1	3.14	< 10	100	< 5	< 10	1.16	< 5	75	610	360	5.62	< 10	0.40	8.41	640	< 5	0.14	1075
058812	208	274	< 1	3.53	< 10	160	< 5	< 10	1.41	< 5	50	460	190	4.65	< 10	1.07	5.33	520	< 5	0.11	600
058813	208	274	< 1	3.86	< 10	180	< 5	< 10	1.47	< 5	65	440	370	5.34	< 10	1.59	5.72	530	< 5	0.10	895
058814	208	274	< 1	3.48	70	240	< 5	< 10	4.23	< 5	100	370	1230	6.62	< 10	1.32	4.95	620	< 5	0.10	1940
058815	208	274	< 1	3.00	< 10	60	< 5	< 10	2.90	< 5	25	30	80	5.07	< 10	0.40	1.45	380	< 5	0.06	235
058816	208	274	< 1	2.80	< 10	20	< 5	< 10	1.14	< 5	50	70	10	23.9	< 10	0.15	1.90	720	< 5	0.02	745
058817	208	274	4	4.23	110	20	< 5	< 10	11.25	< 5	25	30	30	6.23	< 10	0.29	2.63	1380	< 5	0.03	285
058818	208	274	< 1	4.77	< 10	20	< 5	< 10	5.83	< 5	20	30	275	7.01	< 10	0.10	1.14	710	< 5	0.03	245
058819	208	274	< 1	2.62	< 10	60	< 5	< 10	4.60	< 5	35	20	590	3.93	< 10	0.19	0.99	500	< 5	0.09	25
058820	208	274	< 1	2.35	< 10	80	< 5	< 10	4.71	< 5	15	20	315	2.66	< 10	0.18	1.01	260	5	0.13	10
058821	208	274	< 1	3.20	< 10	20	< 5	< 10	4.63	< 5	20	10	520	4.19	< 10	0.16	0.57	280	10	0.10	10
058822	208	274	< 1	3.06	< 10	60	< 5	< 10	3.29	< 5	65	30	930	5.65	< 10	0.26	1.34	480	< 5	0.09	715
058823	208	274	< 1	4.12	10	< 20	< 5	< 10	2.99	< 5	95	50	190	5.85	< 10	0.05	2.99	1160	5	0.02	2310
058824	208	274	< 1	3.89	30	< 20	< 5	< 10	3.00	< 5	125	50	250	5.82	< 10	0.01	2.77	790	< 5	0.03	3070
058825	208	274	< 1	2.78	70	< 20	< 5	< 10	2.26	< 5	80	30	260	4.28	< 10	0.02	1.70	510	< 5	0.06	1640
058826	208	274	< 1	1.77	< 10	20	< 5	< 10	3.14	< 5	20	10	355	2.77	< 10	0.09	0.11	80	< 5	0.15	40
058827	208	274	< 1	2.22	< 10	20	< 5	< 10	18.80	< 5	5	< 10	80	1.31	< 10	0.03	0.07	370	< 5	0.03	20
058828	208	274	< 1	3.28	< 10	< 20	< 5	< 10	8.68	< 5	10	20	295	1.87	< 10	0.03	0.08	320	5	0.08	15
058829	208	274	< 1	2.66	< 10	< 20	< 5	< 10	17.60	< 5	5	10	70	1.59	< 10	0.03	0.04	460	< 5	0.04	25
058830	208	274	< 1	1.87	< 10	< 20	< 5	< 10	21.1	< 5	5	10	45	1.20	10	0.03	0.05	460	5	0.05	20

CERTIFICATION: Ian Bichler

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Project : CANALASK 076
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Invoice No. :19719191
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CERTIFICATE OF ANALYSIS A9719191

SAMPLE	PREP CODE	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
058791	208 274	< 100	5	10	5	5	0.05	< 20	< 20	40	< 20	85
058792	208 274	100	5	< 10	5	< 5	0.05	20	< 20	40	< 20	30
058793	208 274	100	5	< 10	5	5	0.05	20	< 20	40	< 20	15
058794	208 274	100	15	10	5	< 5	0.06	20	< 20	60	< 20	35
058795	208 274	100	20	10	5	< 5	0.06	< 20	< 20	60	< 20	20
058796	208 274	< 100	5	< 10	5	< 5	0.06	< 20	< 20	60	< 20	25
058797	208 274	100	15	10	5	< 5	0.08	< 20	< 20	60	< 20	65
058798	208 274	100	10	< 10	5	< 5	0.08	20	< 20	40	< 20	40
058799	208 274	100	20	10	5	5	0.09	< 20	< 20	40	< 20	25
058800	208 274	< 100	10	< 10	5	5	0.08	< 20	< 20	60	< 20	30
058801	208 274	100	10	20	5	30	0.07	< 20	< 20	40	< 20	30
058802	208 274	100	10	< 10	5	20	0.09	< 20	< 20	60	< 20	55
058803	208 274	100	5	< 10	5	20	0.08	20	< 20	40	< 20	45
058804	208 274	100	15	< 10	5	20	0.08	< 20	< 20	40	< 20	45
058805	208 274	100	30	10	< 5	30	0.08	< 20	< 20	40	< 20	40
058806	208 274	100	5	10	5	30	0.09	20	< 20	60	< 20	45
058807	208 274	100	5	10	< 5	30	0.10	< 20	< 20	40	< 20	35
058808	208 274	100	15	< 10	< 5	35	0.10	< 20	< 20	60	< 20	45
058809	208 274	100	20	10	< 5	30	0.09	< 20	< 20	40	< 20	45
058810	208 274	200	15	20	5	50	0.14	< 20	< 20	60	< 20	35
058811	208 274	300	5	< 10	< 5	40	0.15	< 20	< 20	80	< 20	40
058812	208 274	300	5	< 10	< 5	75	0.21	< 20	< 20	80	< 20	50
058813	208 274	300	15	10	< 5	75	0.21	< 20	< 20	80	< 20	50
058814	208 274	200	15	< 10	5	405	0.21	< 20	< 20	100	< 20	65
058815	208 274	100	20	< 10	5	125	0.26	< 20	< 20	80	< 20	240
058816	208 274	< 100	5	< 10	< 5	10	0.16	< 20	< 20	120	< 20	565
058817	208 274	< 100	< 5	10	< 5	120	0.16	< 20	< 20	20	< 20	175
058818	208 274	< 100	< 5	< 10	< 5	135	0.22	< 20	< 20	80	< 20	25
058819	208 274	300	< 5	< 10	5	85	0.36	< 20	< 20	120	< 20	20
058820	208 274	200	10	10	5	165	0.28	< 20	< 20	160	< 20	25
058821	208 274	100	5	< 10	5	50	0.36	< 20	< 20	100	< 20	15
058822	208 274	< 100	20	< 10	5	35	0.39	< 20	< 20	360	< 20	485
058823	208 274	< 100	15	< 10	< 5	30	0.13	< 20	< 20	20	< 20	1110
058824	208 274	1200	10	< 10	< 5	20	0.11	< 20	< 20	20	< 20	690
058825	208 274	100	5	< 10	< 5	15	0.14	< 20	< 20	20	< 20	735
058826	208 274	800	10	< 10	< 5	20	0.30	< 20	< 20	40	< 20	60
058827	208 274	300	< 5	< 10	< 5	165	0.15	< 20	< 20	20	< 20	35
058828	208 274	400	< 5	< 10	< 5	30	0.25	< 20	< 20	20	< 20	120
058829	208 274	300	5	< 10	< 5	20	0.13	< 20	< 20	< 20	< 20	25
058830	208 274	700	< 5	< 10	< 5	60	0.12	< 20	< 20	< 20	< 20	20

CERTIFICATION: Stewart Buchler

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CERTIFICATE OF ANALYSIS A9719191

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
058831	208	274	< 1	2.35	< 10	< 20	< 5	< 10	7.37	< 5	5	30	170	1.48	< 10	0.01	0.03	130	< 5	0.05	25
058832	208	274	< 1	2.22	10	< 20	< 5	< 10	9.90	< 5	5	30	135	1.05	< 10	0.02	0.03	220	< 5	0.07	20

CERTIFICATION: Ian Bichler

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CERTIFICATE OF ANALYSIS A9719191

SAMPLE	PREP CODE		P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
058831	208	274	500	< 5	< 10	< 5	35	0.17	< 20	< 20	< 20	< 20	35
058832	208	274	500	< 5	< 10	< 5	30	0.23	< 20	< 20	20	< 20	25

CERTIFICATION: Stewart Beckler

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Project : CANALASK-077
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Account :MPO

CERTIFICATE OF ANALYSIS A9719054

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
58833	208 274	< 1	0.17	< 10	< 20	< 5	< 10	0.04	< 5	125	1360	235	9.09	< 10	< 0.01	22.9	1010	< 5	0.01	2190
58834	208 274	< 1	0.13	< 10	< 20	< 5	< 10	0.04	< 5	135	1110	145	7.01	< 10	< 0.01	23.6	1070	< 5	0.01	2420
58835	208 274	< 1	0.16	< 10	< 20	< 5	< 10	0.07	< 5	125	1180	155	7.66	< 10	< 0.01	24.3	1120	< 5	0.02	2310
58836	208 274	< 1	0.16	10	< 20	< 5	< 10	0.08	< 5	130	1180	135	7.47	< 10	< 0.01	24.4	1130	< 5	0.03	2260
58837	208 274	< 1	0.13	< 10	< 20	< 5	< 10	0.04	< 5	130	1230	105	7.26	< 10	< 0.01	24.4	1060	< 5	0.01	2410
58838	208 274	< 1	0.10	< 10	< 20	< 5	< 10	0.04	< 5	130	1270	155	7.60	< 10	< 0.01	24.0	1020	< 5	0.01	2620
58839	208 274	< 1	0.12	< 10	< 20	< 5	< 10	0.07	< 5	120	1250	165	7.82	< 10	< 0.01	23.8	930	< 5	0.02	2250
58840	208 274	< 1	0.18	20	< 20	< 5	< 10	0.05	< 5	125	1480	65	6.60	< 10	0.01	23.9	890	< 5	0.01	2440
58841	208 274	< 1	0.55	< 10	< 20	< 5	< 10	0.19	< 5	115	1610	160	5.82	< 10	0.05	21.6	730	< 5	0.01	2100
58842	208 274	< 1	4.40	< 10	60	< 5	< 10	2.22	< 5	20	140	45	7.72	10	2.10	3.19	2870	< 5	0.04	95
58843	208 274	< 1	0.22	10	< 20	< 5	< 10	0.05	< 5	130	1240	45	6.66	< 10	0.01	24.5	1010	< 5	0.01	2310
58844	208 274	< 1	0.83	10	< 20	< 5	< 10	0.40	< 5	115	1480	250	6.31	10	< 0.01	22.4	1090	< 5	0.02	2070
58845	208 274	< 1	2.35	10	< 20	< 5	< 10	1.62	< 5	90	1180	110	5.53	< 10	0.08	16.75	1370	< 5	0.01	1560
58846	208 274	< 1	4.18	30	200	< 5	< 10	2.26	< 5	40	180	55	4.46	< 10	1.45	5.87	1070	< 5	0.08	370
58847	208 274	< 1	1.11	< 10	< 20	< 5	< 10	0.70	< 5	110	870	35	5.39	< 10	0.03	20.8	890	< 5	0.01	2120
58848	208 274	< 1	0.24	10	< 20	< 5	< 10	0.08	< 5	115	1240	30	6.32	< 10	0.01	22.5	770	< 5	0.02	2490
58849	208 274	< 1	0.25	< 10	20	< 5	< 10	0.36	< 5	115	1560	45	6.89	< 10	< 0.01	22.3	860	< 5	0.11	2240
58850	208 274	< 1	0.19	< 10	< 20	< 5	< 10	0.06	< 5	125	1540	185	7.21	< 10	< 0.01	23.3	1000	< 5	0.01	2190
58851	208 274	< 1	0.19	< 10	< 20	< 5	< 10	0.05	< 5	110	1260	35	7.35	< 10	< 0.01	23.5	840	< 5	0.01	2300
58852	208 274	< 1	0.19	< 10	< 20	< 5	< 10	0.05	< 5	115	1180	50	7.70	< 10	< 0.01	23.5	910	< 5	0.01	2400
58853	208 274	< 1	0.24	< 10	< 20	< 5	< 10	0.05	< 5	115	1190	55	9.03	< 10	0.01	23.0	920	< 5	0.01	2330
58854	208 274	< 1	0.19	< 10	< 20	< 5	< 10	0.06	< 5	115	1170	35	7.78	< 10	< 0.01	23.6	970	< 5	0.01	2280
58855	208 274	< 1	0.31	< 10	< 20	< 5	< 10	0.15	< 5	110	1230	40	7.41	< 10	0.01	22.2	880	< 5	0.02	2090
58856	208 274	< 1	2.82	10	< 20	< 5	< 10	3.00	< 5	60	860	170	5.92	< 10	0.11	11.90	1530	< 5	0.01	995
58857	208 274	< 1	0.77	< 10	< 20	< 5	< 10	0.43	< 5	115	1390	230	6.73	< 10	0.01	22.2	1000	< 5	0.02	2150
58858	208 274	< 1	4.67	< 10	20	< 5	< 10	3.79	< 5	40	260	90	4.95	< 10	0.32	6.21	1380	< 5	0.02	390
58859	208 274	< 1	0.67	< 10	< 20	< 5	< 10	0.29	< 5	125	1610	235	7.27	10	0.01	23.1	1040	< 5	0.03	2550
58860	208 274	< 1	0.88	< 10	< 20	< 5	< 10	0.36	< 5	135	1670	415	7.87	< 10	0.01	22.5	1120	< 5	0.03	2340
58861	208 274	< 1	0.93	10	< 20	< 5	< 10	0.77	< 5	120	1690	140	6.94	< 10	0.02	20.8	990	< 5	0.03	2360
58862	208 274	< 1	1.00	< 10	< 20	< 5	< 10	0.69	< 5	95	2350	85	7.51	< 10	0.01	21.4	1100	< 5	0.03	2110
58863	208 274	< 1	1.05	< 10	< 20	< 5	< 10	0.70	< 5	110	2320	105	7.06	< 10	0.02	20.9	1140	< 5	0.03	2090
58864	208 274	< 1	0.98	< 10	< 20	< 5	< 10	0.53	< 5	110	1710	95	6.82	< 10	0.03	20.1	1080	< 5	0.03	2090
58865	208 274	< 1	1.05	< 10	< 20	< 5	< 10	0.54	< 5	110	1760	90	7.27	< 10	0.03	20.6	1130	< 5	0.03	2180
58866	208 274	< 1	1.03	< 10	< 20	< 5	< 10	0.56	< 5	95	1980	90	7.05	< 10	0.05	19.20	1150	< 5	0.03	1985
58867	208 274	< 1	1.05	< 10	20	< 5	< 10	0.52	< 5	105	1920	85	7.46	< 10	0.04	20.3	1150	< 5	0.03	2100
58868	208 274	< 1	1.26	< 10	< 20	< 5	< 10	0.70	< 5	95	1830	85	7.34	< 10	0.05	18.95	1120	< 5	0.05	1980
58869	208 274	< 1	1.33	10	< 20	< 5	< 10	0.40	< 5	110	1390	100	6.49	< 10	0.05	20.5	1070	< 5	0.03	2400
58870	208 274	< 1	1.31	< 10	20	< 5	< 10	0.35	< 5	105	1560	140	7.20	< 10	0.07	20.2	1050	< 5	0.03	2220
58871	208 274	< 1	1.43	< 10	20	< 5	< 10	0.30	< 5	110	850	200	7.10	< 10	0.11	19.80	1060	< 5	0.03	2370
58872	208 274	< 1	1.40	< 10	80	< 5	< 10	0.29	< 5	105	630	50	6.86	< 10	0.11	19.35	970	< 5	0.03	1865

CERTIFICATION: Stuart Buchler

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To: EXPATRIATE RESOURCES LTD.
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1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
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SAMPLE	PREP CODE		P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
58833	208	274	< 100	5	10	< 5	< 5	0.01	< 20	< 20	20	< 20	40
58834	208	274	< 100	10	< 10	< 5	5	0.01	< 20	< 20	20	< 20	20
58835	208	274	< 100	25	10	< 5	< 5	0.01	< 20	< 20	20	< 20	20
58836	208	274	< 100	15	< 10	< 5	< 5	0.01	< 20	< 20	20	< 20	15
58837	208	274	< 100	< 5	< 10	< 5	5	0.01	< 20	< 20	20	< 20	10
58838	208	274	< 100	15	10	< 5	< 5	0.01	20	< 20	20	< 20	10
58839	208	274	< 100	5	< 10	< 5	< 5	0.01	20	< 20	20	< 20	45
58840	208	274	< 100	< 5	< 10	5	15	0.01	< 20	< 20	20	< 20	5
58841	208	274	100	5	< 10	5	10	0.02	< 20	< 20	20	< 20	15
58842	208	274	800	5	< 10	5	35	0.18	< 20	< 20	140	< 20	100
58843	208	274	< 100	5	< 10	5	< 5	0.01	< 20	< 20	20	< 20	10
58844	208	274	100	< 5	10	5	< 5	0.04	20	< 20	40	< 20	50
58845	208	274	300	5	< 10	5	15	0.11	< 20	< 20	80	< 20	85
58846	208	274	600	5	< 10	5	20	0.20	< 20	< 20	120	< 20	60
58847	208	274	100	< 5	< 10	5	10	0.05	20	< 20	40	< 20	15
58848	208	274	< 100	< 5	20	5	5	0.01	< 20	< 20	20	< 20	< 5
58849	208	274	100	5	10	< 5	20	0.02	< 20	< 20	20	< 20	15
58850	208	274	< 100	5	< 10	< 5	5	0.01	< 20	< 20	20	< 20	15
58851	208	274	< 100	5	10	5	5	0.01	20	< 20	20	< 20	< 5
58852	208	274	< 100	20	10	5	5	0.01	20	< 20	20	< 20	< 5
58853	208	274	< 100	< 5	10	5	10	0.01	< 20	< 20	20	< 20	15
58854	208	274	< 100	15	< 10	5	5	0.01	20	< 20	20	< 20	15
58855	208	274	< 100	5	< 10	5	< 5	0.01	< 20	< 20	20	< 20	15
58856	208	274	400	25	< 10	10	15	0.14	< 20	< 20	100	< 20	80
58857	208	274	100	< 5	20	5	15	0.04	< 20	< 20	40	< 20	35
58858	208	274	600	5	< 10	5	15	0.20	< 20	< 20	120	< 20	70
58859	208	274	< 100	5	< 10	5	5	0.04	< 20	< 20	40	< 20	15
58860	208	274	100	< 5	10	5	5	0.04	< 20	< 20	40	< 20	35
58861	208	274	100	5	< 10	5	10	0.04	20	< 20	40	< 20	20
58862	208	274	100	10	10	5	< 5	0.06	< 20	< 20	60	< 20	20
58863	208	274	100	15	10	5	< 5	0.05	< 20	< 20	60	< 20	40
58864	208	274	< 100	10	10	5	10	0.04	20	< 20	40	< 20	25
58865	208	274	100	10	< 10	5	< 5	0.05	< 20	< 20	40	< 20	40
58866	208	274	< 100	10	< 10	5	< 5	0.05	< 20	< 20	40	< 20	55
58867	208	274	< 100	10	20	5	5	0.05	< 20	< 20	40	< 20	50
58868	208	274	< 100	20	< 10	5	< 5	0.06	< 20	< 20	60	< 20	60
58869	208	274	100	10	10	5	< 5	0.06	< 20	< 20	60	< 20	35
58870	208	274	100	15	< 10	5	< 5	0.07	< 20	< 20	60	< 20	40
58871	208	274	100	< 5	< 10	5	5	0.09	< 20	< 20	40	< 20	40
58872	208	274	< 100	5	< 10	5	< 5	0.07	< 20	< 20	40	< 20	35

CERTIFICATION: Stewart Buchan

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SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
58873	208	274	< 1	1.48	20	60	< 5	< 10	0.49	< 5	100	590	35	6.73	< 10	0.16	19.50	1010	< 5	0.03	1850
58874	208	274	< 1	1.61	< 10	60	< 5	< 10	0.98	< 5	100	690	40	6.77	< 10	0.18	18.85	950	< 5	0.02	1775
58875	208	274	< 1	1.41	< 10	80	< 5	< 10	1.05	< 5	80	1160	165	6.14	< 10	0.18	15.95	870	< 5	0.03	1575
58876	208	274	< 1	1.46	10	60	< 5	< 10	1.76	< 5	115	830	315	7.16	< 10	0.13	19.30	940	< 5	0.04	2370
58877	208	274	< 1	2.25	150	80	< 5	< 10	5.55	< 5	80	1000	320	5.85	< 10	0.15	10.10	1030	< 5	0.10	1365
58878	208	274	< 1	0.74	40	180	< 5	< 10	6.39	< 5	20	30	80	4.10	< 10	0.59	3.35	1300	< 5	0.06	65
58879	208	274	< 1	0.43	10	100	< 5	< 10	21.1	< 5	5	20	25	1.52	< 10	0.25	0.86	1380	< 5	0.04	25
58880	208	274	< 1	0.37	< 10	80	< 5	< 10	25.7	< 5	5	< 10	25	1.25	< 10	0.29	0.52	1800	< 5	0.04	10

CERTIFICATION: Ivan J. Bichler

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SAMPLE	PREP CODE		P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
58873	208	274	100	< 5	< 10	5	5	0.09	20	< 20	40	< 20	40
58874	208	274	200	< 5	< 10	5	5	0.11	20	< 20	60	< 20	40
58875	208	274	200	10	< 10	5	5	0.08	< 20	< 20	40	< 20	45
58876	208	274	100	5	10	5	65	0.10	20	< 20	60	< 20	35
58877	208	274	100	< 5	< 10	15	265	0.01	< 20	< 20	80	< 20	35
58878	208	274	500	5	< 10	15	115	< 0.01	< 20	< 20	60	< 20	50
58879	208	274	300	< 5	< 10	< 5	130	< 0.01	< 20	< 20	< 20	< 20	35
58880	208	274	500	5	< 10	< 5	140	< 0.01	< 20	< 20	< 20	< 20	40

CERTIFICATION: David Fidler

Chemex Labs Ltd.

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SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
M058751	208	276	< 1	1.93	20	1220	< 5	< 10	5.76	< 5	15	20	50	4.52	< 10	0.40	1.55	3370	< 5	0.06	10
M058752	208	276	< 1	1.40	< 10	260	< 5	< 10	1.64	< 5	15	30	120	3.96	< 10	0.41	1.09	1950	< 5	0.06	10
M058753	208	276	< 1	1.04	20	17040	< 5	< 10	1.40	< 5	5	20	195	3.23	< 10	0.38	0.78	1680	< 5	0.07	5
M058754	208	276	< 1	1.01	< 10	2400	< 5	< 10	1.38	10	15	10	60	4.60	< 10	0.66	1.06	1680	< 5	0.05	5
M058755	208	276	< 1	0.86	< 10	2020	< 5	< 10	1.96	< 5	15	20	55	4.79	< 10	0.54	1.39	1990	< 5	0.06	5
M058756	208	276	< 1	0.88	< 10	2200	< 5	< 10	1.66	< 5	15	20	40	3.83	< 10	0.50	0.97	1550	< 5	0.07	10
M058757	208	276	< 1	1.01	< 10	1200	< 5	< 10	1.07	< 5	10	30	15	3.32	< 10	0.55	0.61	1010	< 5	0.07	5
M058758	208	276	< 1	0.76	< 10	2720	< 5	< 10	1.26	< 5	10	30	20	3.50	< 10	0.41	0.76	1070	< 5	0.07	5
M058759	208	276	< 1	0.83	< 10	500	< 5	< 10	1.65	< 5	10	20	220	3.02	< 10	0.44	0.68	1110	< 5	0.07	< 5
M058760	208	276	< 1	0.41	< 10	980	< 5	< 10	0.53	< 5	< 5	40	20	1.08	< 10	0.20	0.20	330	< 5	0.09	< 5
M058761	208	276	< 1	0.64	< 10	660	< 5	< 10	0.54	< 5	5	60	40	1.52	< 10	0.38	0.30	440	< 5	0.07	5
M058762	208	276	< 1	0.40	< 10	340	< 5	< 10	0.43	< 5	< 5	60	40	1.05	< 10	0.20	0.21	290	< 5	0.11	< 5
M058763	208	276	< 1	0.71	< 10	880	< 5	< 10	0.70	< 5	5	50	30	2.84	< 10	0.41	0.59	690	< 5	0.09	15
M058764	208	276	< 1	0.81	< 10	700	< 5	< 10	1.86	< 5	15	30	15	3.38	< 10	0.43	1.10	1060	< 5	0.10	5
M058765	208	276	< 1	0.97	< 10	960	< 5	< 10	1.79	< 5	10	50	155	3.92	< 10	0.42	1.06	1000	5	0.09	5
M058766	208	276	< 1	0.48	< 10	720	< 5	< 10	0.37	< 5	5	60	15	2.28	< 10	0.26	0.37	750	< 5	0.12	< 5
M058767	208	276	< 1	0.50	< 10	260	< 5	< 10	0.86	< 5	5	60	15	2.41	< 10	0.25	0.45	750	< 5	0.12	5
M058768	208	276	< 1	0.70	< 10	420	< 5	< 10	2.59	< 5	15	50	60	3.86	< 10	0.45	1.34	1180	< 5	0.06	40
M058769	208	276	< 1	1.21	40	980	< 5	< 10	6.68	< 5	35	80	80	5.78	< 10	0.59	3.00	1280	5	0.09	100
M058770	208	276	< 1	3.28	< 10	240	< 5	< 10	2.84	< 5	35	110	100	4.38	< 10	0.51	2.75	800	< 5	0.16	105
M058771	208	276	< 1	3.53	< 10	80	< 5	< 10	2.98	< 5	25	50	100	4.05	< 10	0.24	2.04	540	< 5	0.09	55
M058772	208	276	< 1	2.58	< 10	200	< 5	< 10	2.03	< 5	25	50	120	3.83	< 10	0.26	1.73	600	< 5	0.11	75
M058773	208	276	< 1	2.08	< 10	160	< 5	< 10	4.06	< 5	40	380	230	5.08	< 10	0.22	5.08	1150	< 5	0.11	410
M058774	208	276	< 1	3.40	< 10	60	< 5	< 10	3.00	< 5	70	690	120	5.71	< 10	0.13	8.35	760	< 5	0.12	785
M058775	208	276	< 1	3.38	< 10	60	< 5	< 10	1.64	< 5	75	530	95	6.18	< 10	0.21	10.30	820	< 5	0.13	830
M058776	208	276	< 1	2.94	< 10	60	< 5	< 10	1.33	< 5	85	370	105	6.37	< 10	0.15	12.45	810	< 5	0.11	980
M058777	208	276	< 1	2.28	< 10	60	< 5	< 10	0.89	< 5	90	260	175	6.84	< 10	0.15	14.65	800	< 5	0.10	1225
M058778	208	276	< 1	2.44	< 10	40	< 5	< 10	0.88	< 5	100	320	390	6.86	< 10	0.13	14.95	820	< 5	0.09	1590
M058779	208	276	< 1	2.41	< 10	20	< 5	< 10	0.95	< 5	100	320	650	7.01	< 10	0.13	14.80	750	< 5	0.08	1795
M058780	208	276	< 1	2.54	< 10	20	< 5	< 10	1.85	< 5	115	470	1085	6.82	< 10	0.20	12.65	600	< 5	0.08	2410
M058781	208	276	< 1	4.38	< 10	80	< 5	< 10	3.82	< 5	30	140	105	4.23	< 10	0.31	3.21	590	< 5	0.18	155
M058782	208	276	< 1	2.55	< 10	40	< 5	< 10	1.23	< 5	100	340	580	6.80	< 10	0.21	14.30	760	< 5	0.08	1730
M058783	208	276	< 1	2.36	< 10	20	< 5	< 10	0.60	< 5	105	300	645	6.82	< 10	0.13	14.30	760	< 5	0.06	1935
M058784	208	276	< 1	2.57	< 10	40	< 5	< 10	0.75	< 5	110	310	645	7.24	< 10	0.14	14.20	810	< 5	0.07	1935
M058785	208	276	< 1	2.38	< 10	20	< 5	< 10	0.89	< 5	95	480	520	6.62	< 10	0.12	12.45	700	< 5	0.07	1705
M058786	208	276	< 1	2.30	< 10	120	< 5	< 10	0.76	< 5	140	350	870	8.54	< 10	0.18	14.65	890	< 5	0.08	2050
M058787	208	276	< 1	2.19	< 10	120	< 5	< 10	0.75	< 5	140	360	880	8.43	< 10	0.20	14.65	880	< 5	0.09	2080
M058788	208	276	< 1	7.85	< 10	180	< 5	< 10	9.19	< 5	30	120	200	3.76	< 10	0.05	3.66	700	< 5	0.08	380
M058789	208	276	< 1	2.11	< 10	60	< 5	< 10	0.73	< 5	155	400	1010	8.88	< 10	0.09	14.95	840	< 5	0.05	2450
M058790	208	276	< 1	0.81	< 10	< 20	< 5	< 10	0.15	< 5	115	850	110	8.07	< 10	0.01	22.0	860	< 5	0.01	1990

CERTIFICATION: Hart Bichler

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M058751	208	276	800	30	< 10	5	190	< 0.01	< 20	< 20	80	< 20	135
M058752	208	276	600	10	< 10	5	90	< 0.01	< 20	< 20	60	< 20	110
M058753	208	276	500	130	10	< 5	240	< 0.01	< 20	< 20	20	< 20	310
M058754	208	276	400	20	< 10	5	105	< 0.01	< 20	< 20	20	< 20	1460
M058755	208	276	500	15	10	5	145	< 0.01	< 20	< 20	20	< 20	345
M058756	208	276	500	10	10	5	120	< 0.01	< 20	< 20	20	< 20	140
M058757	208	276	400	165	10	< 5	60	< 0.01	< 20	< 20	20	< 20	160
M058758	208	276	400	15	10	5	100	< 0.01	< 20	< 20	20	< 20	40
M058759	208	276	400	10	10	< 5	90	< 0.01	< 20	< 20	< 20	< 20	30
M058760	208	276	100	140	10	< 5	35	< 0.01	< 20	< 20	< 20	< 20	100
M058761	208	276	200	20	10	< 5	35	< 0.01	< 20	< 20	< 20	< 20	60
M058762	208	276	100	5	20	< 5	30	< 0.01	< 20	< 20	< 20	< 20	110
M058763	208	276	200	40	10	< 5	65	< 0.01	< 20	< 20	20	< 20	165
M058764	208	276	500	20	20	5	110	< 0.01	< 20	< 20	20	< 20	40
M058765	208	276	700	75	10	5	110	< 0.01	< 20	< 20	40	< 20	75
M058766	208	276	200	25	20	< 5	35	< 0.01	< 20	< 20	< 20	< 20	70
M058767	208	276	400	25	10	< 5	30	< 0.01	< 20	< 20	< 20	< 20	75
M058768	208	276	300	85	10	5	100	< 0.01	< 20	< 20	20	< 20	175
M058769	208	276	300	25	30	25	225	< 0.01	< 20	< 20	60	< 20	80
M058770	208	276	300	< 5	< 10	10	65	0.15	< 20	< 20	100	< 20	65
M058771	208	276	300	5	20	< 5	40	0.18	< 20	< 20	100	< 20	55
M058772	208	276	300	15	< 10	5	50	0.16	< 20	< 20	80	< 20	85
M058773	208	276	500	5	20	15	170	0.08	< 20	< 20	80	< 20	95
M058774	208	276	300	5	< 10	5	205	0.15	< 20	< 20	80	< 20	40
M058775	208	276	300	< 5	< 10	5	100	0.14	< 20	< 20	60	< 20	45
M058776	208	276	300	< 5	10	5	80	0.12	< 20	< 20	60	< 20	45
M058777	208	276	200	5	< 10	5	50	0.09	< 20	< 20	40	< 20	45
M058778	208	276	200	< 5	20	5	70	0.10	< 20	< 20	40	< 20	40
M058779	208	276	200	15	10	5	65	0.11	< 20	< 20	40	< 20	40
M058780	208	276	200	< 5	10	< 5	100	0.11	< 20	< 20	40	< 20	30
M058781	208	276	600	< 5	10	15	700	0.34	< 20	< 20	200	< 20	55
M058782	208	276	200	< 5	20	5	95	0.10	< 20	< 20	60	< 20	35
M058783	208	276	100	10	10	< 5	65	0.09	< 20	< 20	40	< 20	40
M058784	208	276	200	5	< 10	5	55	0.09	< 20	< 20	40	< 20	40
M058785	208	276	100	5	30	5	50	0.09	< 20	< 20	40	< 20	45
M058786	208	276	200	< 5	20	5	55	0.07	< 20	< 20	20	< 20	50
M058787	208	276	100	5	30	5	45	0.07	< 20	< 20	20	< 20	50
M058788	208	276	1100	< 5	< 10	< 5	120	0.22	< 20	< 20	120	< 20	50
M058789	208	276	300	< 5	10	5	30	0.07	< 20	< 20	20	< 20	50
M058790	208	276	100	< 5	< 10	5	< 5	0.04	20	< 20	40	< 20	40

CERTIFICATION: Ian J. Bichler

APPENDIX IV

GEOTECHNICAL LOGS

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 079 CORE SIZE HQ
DATE 4 APRIL 1997

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
22.71					1	22.71	26.45
22.86	0.15	0.00	100.0	0.00	2	26.45	30.62
23.77	0.71	0.00	78.0	0.00	3	30.62	34.95
24.68	0.80	0.00	87.9	0.00	4	34.95	39.26
25.60	0.83	0.00	90.2	0.00	5	39.26	45.47
27.12	1.65	0.00	108.6	0.00	6	45.47	48.82
29.71	1.97	0.00	76.1	0.00	7	48.82	52.31
33.22	3.03	0.00	86.3	0.00	8	52.31	55.45
35.20	1.85	0.00	93.4	0.00	9	55.45	58.84
36.27	0.90	0.00	84.1	0.00	10	58.84	62.65
39.31	2.15	0.00	70.7	0.00	11	62.65	66.70
42.06	1.17	0.00	42.5	0.00	12	66.70	69.25
43.12	0.83	0.00	78.3	0.00	13	69.25	72.44
44.80	0.75	0.00	44.6	0.00	14	72.44	75.88
45.72	0.70	0.00	76.1	0.00	15	75.88	79.67
46.48	0.65	0.00	85.5	0.00	16	79.67	83.41
48.46	1.57	0.00	79.3	0.00	17	83.41	86.70
49.07	0.80	0.00	131.1	0.00	18	86.70	90.53
50.13	1.10	0.00	103.8	0.00	19	90.53	94.47
51.51	1.20	0.23	87.0	0.19	20	94.47	97.85
53.03	1.40	0.00	92.1	0.00	21	97.85	100.88
54.25	1.10	0.00	90.2	0.00	22	100.88	104.09
55.32	1.10	0.00	102.8	0.00	23	104.09	107.43
56.38	0.93	0.00	87.7	0.00	24	107.43	111.00
57.60	0.90	0.00	73.8	0.00	25	111.00	114.90
58.82	1.12	0.00	91.8	0.00	26	114.90	118.56
59.13	0.20	0.00	64.5	0.00	27	118.56	121.75
59.74	0.52	0.00	85.2	0.00	28	121.75	125.10
61.11	0.90	0.00	65.7	0.00	29	125.10	128.42
63.39	2.20	0.22	96.5	0.10	30	128.42	131.53
64.16	0.75	0.00	97.4	0.00	31	131.53	135.00
65.22	1.00	0.00	94.3	0.00	32	135.00	138.35
66.75	1.50	0.20	98.0	0.13	33	138.35	141.83
68.12	1.50	0.00	109.5	0.00	34	141.83	145.81
69.03	0.75	0.00	82.4	0.00	35	145.81	149.20
69.95	0.77	0.00	83.7	0.00	36	149.20	152.79
71.01	1.10	0.00	103.8	0.00	37	152.79	155.14
71.78	0.80	0.00	103.9	0.00			
72.84	1.00	0.00	94.3	0.00			
74.67	1.90	0.00	103.8	0.00			
76.20	1.32	0.00	86.3	0.00			
78.02	1.80	0.20	98.9	0.11			
80.92	2.45	1.12	84.5	0.46			
81.99	1.47	0.77	137.4	0.52			
83.51	1.25	0.59	82.2	0.47			
84.42	0.95	0.00	104.4	0.00			
86.25	1.83	1.30	100.0	0.71			
88.08	1.61	0.57	88.0	0.35			
89.91	1.96	0.45	107.1	0.23			
91.13	1.03	0.00	84.4	0.00			
93.72	2.44	0.68	94.2	0.28			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 079 CORE SIZE HQ
DATE 4 APRIL 1997

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
95.09	1.30	0.29	94.9	0.22			
97.23	2.03	0.59	94.9	0.29			
98.14	0.90	0.00	98.9	0.00			
99.66	1.50	0.44	98.7	0.29			
100.88	1.00	0.00	82.0	0.00			
102.10	1.15	0.00	94.3	0.00			
103.32	1.04	0.00	85.2	0.00			
104.39	0.90	0.00	84.1	0.00			
105.46	1.39	0.15	129.9	0.11			
106.98	1.39	0.82	91.4	0.59			
109.11	2.10	0.82	98.6	0.39			
110.03	0.80	0.52	87.0	0.65			
112.47	2.30	0.35	94.3	0.15			
114.90	2.20	0.57	90.5	0.26			
116.43	1.50	0.00	98.0	0.00			
118.56	1.77	0.65	83.1	0.37			
120.70	2.24	1.03	104.7	0.46			
121.61	0.95	0.18	104.4	0.19			
124.05	2.10	0.00	86.1	0.00			
125.57	1.40	0.00	92.1	0.00			
127.71	2.00	0.00	93.5	0.00			
129.23	1.37	0.00	90.1	0.00			
130.75	1.27	0.00	83.6	0.00			
132.28	1.30	0.00	85.0	0.00			
133.80	1.58	0.58	103.9	0.37			
135.02	1.10	0.00	90.2	0.00			
136.85	1.70	0.00	92.9	0.00			
137.36	0.50	0.00	98.0	0.00			
139.14	1.60	0.33	89.9	0.21			
141.12	1.95	0.00	98.5	0.00			
142.95	1.77	0.80	96.7	0.45			
145.39	2.43	1.10	99.6	0.45			
147.83	2.47	0.38	101.2	0.15			
149.66	1.88	0.00	102.7	0.00			
152.09	2.20	0.50	90.5	0.23			
153.31	1.20	0.00	98.4	0.00			
155.14	1.60	0.19	87.4	0.12			
		AVERAGE	91.8	0.1			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 077 CORE SIZE HQ
DATE 2 APRIL 1997

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
22.50					1	19.50	22.92
24.07	0.95	0.00	60.5	0.00	2	22.92	26.82
25.60	1.35	0.55	88.2	0.41	3	26.82	30.62
26.82	0.90	0.00	73.8	0.00	4	30.62	34.27
28.34	1.47	0.00	96.7	0.00	5	34.27	37.54
29.87	1.47	0.00	96.1	0.00	6	37.54	42.07
31.54	1.55	0.00	92.8	0.00	7	42.07	45.86
33.22	1.35	0.00	80.4	0.00	8	45.86	41.60
34.44	1.22	0.00	100.0	0.00	9	41.60	53.03
35.35	0.88	0.00	96.7	0.00	10	53.03	56.88
36.88	1.07	0.00	69.9	0.00	11	56.88	60.77
37.39	0.80	0.00	156.9	0.00	12	60.77	64.61
39.31	1.35	0.00	70.3	0.00	13	64.61	68.48
40.84	1.20	0.00	78.4	0.00	14	68.48	72.42
42.21	1.15	0.00	83.9	0.00	15	72.42	76.34
43.73	1.32	0.00	86.8	0.00	16	76.34	80.16
45.26	1.30	0.00	85.0	0.00	17	80.16	83.15
46.93	1.55	0.00	92.8	0.00	18	83.15	86.80
48.31	1.16	0.00	84.1	0.00	19	86.80	90.80
49.83	1.37	0.00	90.1	0.00	20	90.80	94.39
50.90	1.34	0.00	125.2	0.00	21	94.39	98.45
52.12	0.66	0.00	54.1	0.00	22	98.45	102.15
53.03	0.88	0.28	96.7	0.32	23	102.15	106.06
54.55	1.50	0.73	98.7	0.49	24	106.06	109.80
56.08	1.07	0.00	69.9	0.00	25	109.80	113.89
57.00	1.05	0.25	114.1	0.24	26	113.89	117.79
59.13	1.25	0.00	58.7	0.00	27	117.79	121.61
60.65	1.50	0.00	98.7	0.00	28	121.61	125.66
61.87	1.00	0.00	82.0	0.00	29	125.66	129.33
63.39	1.50	0.00	98.7	0.00	30	129.33	133.08
64.61	1.10	0.00	90.2	0.00	31	133.08	136.85
65.22	0.45	0.00	73.8	0.00	32	136.85	140.65
66.75	1.10	0.32	71.9	0.29	33	140.65	144.47
68.27	1.30	0.00	85.5	0.00	34	144.47	147.79
69.79	1.07	0.00	70.4	0.00	35	147.79	151.28
71.32	1.72	0.00	112.4	0.00	36	151.28	154.29
72.84	1.55	0.00	102.0	0.00	37	154.29	157.58
74.37	1.40	0.00	91.5	0.00	38	157.58	162.00
75.89	1.42	0.00	93.4	0.00	39	162.00	165.48
77.41	1.27	0.00	83.6	0.00	40	165.48	168.85
78.94	1.20	0.00	78.4	0.00	41	168.85	172.85
80.31	0.95	0.00	69.3	0.00	42	172.85	174.95
81.68	1.20	0.00	87.6	0.00			EOH
83.35	1.27	0.00	76.0	0.00			
84.73	1.26	0.00	91.3	0.00			
86.56	1.55	0.00	84.7	0.00			
87.78	1.15	0.15	94.3	0.13			
88.54	0.65	0.00	85.5	0.00			
89.61	1.13	0.00	105.6	0.00			
91.13	1.07	0.00	70.4	0.00			
92.65	1.45	0.00	95.4	0.00			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 077 CORE SIZE HQ
DATE 2 APRIL 1997

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
94.18	1.45	0.00	94.8	0.00			
95.70	1.36	0.00	89.5	0.00			
97.23	1.45	0.00	94.8	0.00			
98.75	1.42	0.00	93.4	0.00			
100.12	1.41	0.35	102.9	0.25			
101.80	1.45	0.00	86.3	0.00			
103.32	1.10	0.00	72.4	0.00			
104.85	1.32	0.00	86.3	0.00			
106.37	1.10	0.00	72.4	0.00			
107.44	0.95	0.00	88.8	0.00			
108.81	0.96	0.00	70.1	0.00			
109.72	0.70	0.00	76.9	0.00			
110.94	0.80	0.00	65.6	0.00			
112.47	1.50	0.00	98.0	0.00			
113.99	1.20	0.00	78.9	0.00			
115.51	1.45	0.00	95.4	0.00			
116.12	0.20	0.00	32.8	0.00			
117.04	0.85	0.00	92.4	0.00			
118.56	1.45	0.00	95.4	0.00			
120.09	1.40	0.00	91.5	0.00			
121.61	1.45	0.00	95.4	0.00			
123.13	1.10	0.00	72.4	0.00			
124.66	1.28	0.00	83.7	0.00			
126.18	1.35	0.00	88.8	0.00			
127.71	1.45	0.00	94.8	0.00			
129.23	1.37	0.00	90.1	0.00			
130.75	1.50	0.00	98.7	0.00			
132.28	1.30	0.00	85.0	0.00			
133.80	1.40	0.00	92.1	0.00			
135.33	1.50	0.00	98.0	0.00			
136.85	1.50	0.00	98.7	0.00			
138.37	1.40	0.00	92.1	0.00			
139.90	1.50	0.00	98.0	0.00			
141.42	1.40	0.00	92.1	0.00			
142.95	1.42	0.00	92.8	0.00			
144.47	1.17	0.00	77.0	0.00			
145.99	1.50	0.00	98.7	0.00			
146.91	0.90	0.00	97.8	0.00			
148.43	1.55	0.00	102.0	0.00			
150.11	1.55	0.00	92.3	0.00			
151.63	1.55	0.37	102.0	0.24			
152.70	1.10	0.00	102.8	0.00			
153.61	0.77	0.00	84.6	0.00			
154.83	1.10	0.00	90.2	0.00			
156.36	1.42	0.18	92.8	0.13			
157.88	1.50	0.00	98.7	0.00			
158.80	0.60	0.00	65.2	0.00			
159.71	0.65	0.00	71.4	0.00			
161.08	0.43	0.00	31.4	0.00			
162.00	0.50	0.00	54.3	0.00			
162.76	0.48	0.00	63.2	0.00			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 077 CORE SIZE HQ
DATE 2 APRIL 1997

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
163.67	0.48	0.00	52.7	0.00			
164.20	0.50	0.00	94.3	0.00			
165.81	1.33	0.15	82.6	0.11			
167.33	1.50	0.27	98.7	0.18			
168.85	1.23	0.00	80.9	0.00			
170.38	1.35	0.34	88.2	0.25			
171.90	1.35	0.57	88.8	0.42			
173.43	1.60	0.21	104.6	0.13			
174.95	1.47	0.19	96.7	0.13			
EOH		AVERAGE	86.9	0.0			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 076 CORE SIZE NQ
DATE 26-03-97

NOTE: RQDs BASED ON 15cm HQ WHOLE CORE LENGTH INSTEAD OF 10 cm NQ.

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
31.08					1	31.08	34.80
34.74	1.00	0.00	27.3	0.00	2	34.80	41.65
36.27	0.30	0.00	19.6	0.00	3	41.65	46.93
37.18	0.33	0.00	36.3	0.00	4	46.93	51.86
37.79	0.30	0.00	49.2	0.00	5	51.86	57.65
38.40	0.40	0.00	65.6	0.00	6	57.65	63.19
39.62	0.40	0.00	32.8	0.00	7	63.19	68.51
40.53	0.60	0.00	65.9	0.00	8	68.51	73.80
41.45	0.30	0.00	32.6	0.00	9	73.80	78.93
42.36	0.50	0.00	54.9	0.00	10	78.93	84.01
43.89	1.32	0.00	86.3	0.00	11	84.01	88.70
45.41	1.30	0.00	85.5	0.00	12	88.70	93.52
46.93	1.25	0.00	82.2	0.00	13	93.52	98.60
48.46	1.15	0.00	75.2	0.00	14	98.60	103.32
49.98	1.08	0.00	71.1	0.00	15	103.32	107.59
50.59	0.67	0.00	109.8	0.00	16	107.59	112.42
51.51	0.53	0.00	57.6	0.00	17	112.42	117.04
52.42	0.72	0.00	79.1	0.00	18	117.04	121.51
53.03	0.46	0.00	75.4	0.00	19	121.51	125.88
53.93	0.77	0.00	85.6	0.00	20	125.88	130.80
54.55	0.32	0.00	51.6	0.00	21	130.80	135.75
56.08	1.30	0.00	85.0	0.00	22	135.75	140.62
57.65	0.50	0.00	31.8	0.00	23	140.62	145.30
59.13	0.80	0.00	54.1	0.00	24	145.30	150.26
60.50	1.20	0.16	87.6	0.13	25	150.26	155.14
61.11	0.33	0.00	54.1	0.00	26	155.14	160.01
61.87	0.35	0.00	46.1	0.00	27	160.01	165.10
63.39	1.05	0.00	69.1	0.00	28	165.10	169.23
64.16	0.74	0.00	96.1	0.00	29	169.23	171.91
65.22	0.57	0.00	53.8	0.00			
66.29	0.45	0.00	42.1	0.00			
67.11	0.55	0.00	67.1	0.00			
68.27	0.92	0.18	79.3	0.20			
69.79	1.33	0.35	87.5	0.26			
71.32	1.22	0.25	79.7	0.20			
72.84	1.37	0.15	90.1	0.11			
74.37	1.50	0.88	98.0	0.59			
75.89	1.52	0.80	100.0	0.53			
77.41	1.50	0.75	98.7	0.50			
78.63	0.95	0.00	77.9	0.00			
80.31	1.45	0.00	86.3	0.00			
81.99	1.80	0.00	107.1	0.00			
83.51	1.07	0.42	70.4	0.39			
85.03	1.33	0.00	87.5	0.00			
86.56	1.15	0.00	75.2	0.00			
87.63	0.90	0.00	84.1	0.00			
89.15	1.40	0.20	92.1	0.14			
91.44	1.05	0.00	45.9	0.00			
92.65	1.75	0.17	144.6	0.10			
93.57	0.95	0.00	103.3	0.00			
95.09	1.42	0.37	93.4	0.26			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 076 CORE SIZE NQ
DATE 26-03-97

NOTE: RQDs BASED ON 15cm HQ WHOLE CORE LENGTH INSTEAD OF 10 cm NQ.

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
96.31	0.93	0.00	76.2	0.00			
97.53	1.17	0.00	95.9	0.00			
98.75	1.00	0.00	82.0	0.00			
100.27	1.30	0.00	85.5	0.00			
101.80	1.40	0.00	91.5	0.00			
102.41	0.35	0.00	57.4	0.00			
103.32	0.50	0.00	54.9	0.00			
104.39	0.55	0.00	51.4	0.00			
105.46	0.70	0.00	65.4	0.00			
105.91	0.35	0.00	77.8	0.00			
106.37	0.43	0.00	93.5	0.00			
106.98	0.45	0.00	73.8	0.00			
107.28	0.23	0.00	76.7	0.00			
107.59	0.31	0.00	100.0	0.00			
107.89	0.35	0.00	116.7	0.00			
108.50	0.30	0.00	49.2	0.00			
110.03	1.35	0.00	88.2	0.00			
110.94	0.60	0.00	65.9	0.00			
112.42	1.15	0.00	77.7	0.00			
113.99	1.00	0.00	63.7	0.00			
115.51	1.27	0.00	83.6	0.00			
117.04	1.20	0.00	78.4	0.00			
118.26	0.87	0.00	71.3	0.00			
119.32	0.92	0.00	86.8	0.00			
120.09	0.55	0.00	71.4	0.00			
121.61	1.35	0.00	88.8	0.00			
123.13	1.15	0.00	75.7	0.00			
124.66	0.90	0.00	58.8	0.00			
126.18	1.32	0.17	86.8	0.13			
127.71	1.32	0.32	86.3	0.24			
128.93	0.85	0.00	69.7	0.00			
130.30	1.30	0.26	94.9	0.20			
131.36	0.98	0.00	92.5	0.00			
132.28	0.65	0.00	70.7	0.00			
133.80	1.30	0.00	85.5	0.00			
134.11	0.20	0.00	64.5	0.00			
135.33	0.73	0.00	59.8	0.00			
136.85	1.30	0.00	85.5	0.00			
138.37	1.30	0.00	85.5	0.00			
139.90	1.45	0.55	94.8	0.38			
141.42	1.35	0.22	88.8	0.16			
142.95	1.30	0.00	85.0	0.00			
144.97	1.25	0.00	61.9	0,00			
145.99	1.35	0.00	132.4	0.00			
147.52	1.32	0.00	86.3	0.00			
149.04	1.45	0.00	95.4	0.00			
150.26	1.14	0.20	93.4	0.18			
151.74	1.36	0.00	91.9	0.00			
153.00	0.96	0.18	76.2	0.19			
154.07	0.90	0.00	84.1	0.00			
155.14	1.05	0.37	98.1	0.35			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 076 CORE SIZE NQ
DATE 26-03-97

NOTE: RQDs BASED ON 15cm HQ WHOLE CORE LENGTH INSTEAD OF 10 cm NQ.

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
156.66	1.10	0.00	72.4	0.00			
158.19	1.46	0.00	95.4	0.00			
159.71	1.47	0.35	96.7	0.24			
161.23	1.30	0.00	85.5	0.00			
162.76	1.33	0.00	86.9	0.00			
164.28	0.85	0.00	55.9	0.00			
164.89	0.20	0.00	32.8	0.00			
165.81	0.70	0.00	76.1	0.00			
166.72	0.65	0.00	71.4	0.00			
167.48	0.55	0.00	72.4	0.00			
168.24	0.60	0.00	78.9	0.00			
168.85	0.40	0.00	65.6	0.00			
169.16	0.30	0.00	96.8	0.00			
170.38	1.05	0.00	86.1	0.00			
170.99	0.45	0.00	73.8	0.00			
171.91	0.85	0.00	92.4	0.00			
EOH		AV	76.9	0.05			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 073 CORE SIZE HQ
DATE 18-3-97

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
10.67					1	10.67	13.89
12.09	1.06	0.00	74.6	0.00	2	13.89	17.82
13.41	0.97	0.19	73.5	0.20	3	17.82	21.04
14.63	0.78	0.00	63.9	0.00	4	21.04	24.07
16.15	1.40	0.34	92.1	0.24	5	24.07	27.30
17.67	1.49	0.72	98.0	0.48	6	27.30	30.60
19.20	1.40	0.16	91.5	0.11	7	30.60	34.27
20.72	1.27	0.00	83.6	0.00	8	34.27	38.07
21.33	0.45	0.00	73.8	0.00	9	38.07	41.29
22.55	1.07	0.00	87.7	0.00	10	41.29	43.33
24.07	1.40	0.00	92.1	0.00	11	43.33	48.79
25.60	1.30	0.00	85.0	0.00	12	48.79	52.94
27.12	1.25	0.00	82.2	0.00	13	52.94	56.63
28.34	0.95	0.00	77.9	0.00	14	56.63	60.55
29.87	1.35	0.00	88.2	0.00	15	60.55	64.43
31.54	1.34	0.31	80.2	0.23	16	64.43	68.27
33.07	1.51	0.25	98.7	0.17	17	68.27	72.13
34.94	1.39	0.17	74.3	0.12	18	72.13	75.89
36.27	1.43	0.00	107.5	0.00	19	75.89	79.58
37.79	1.38	0.15	90.8	0.11	20	79.58	83.23
39.01	1.09	0.16	89.3	0.15	21	83.23	86.98
40.53	1.42	0.26	93.4	0.18	22	86.98	90.43
41.14	0.58	0.00	95.1	0.00	23	90.43	94.02
42.67	1.36	0.00	88.9	0.00	24	94.02	97.42
43.89	1.03	0.23	84.4	0.22	25	97.42	100.13
45.41	1.41	0.51	92.8	0.36	26	100.13	103.49
46.93	1.43	0.79	94.1	0.55	27	103.49	106.72
48.46	1.47	0.57	96.1	0.39	28	106.72	109.80
49.98	1.03	0.00	67.8	0.00	29	109.80	113.47
51.51	1.52	0.42	99.3	0.28	30	113.47	117.04
53.03	1.50	0.43	98.7	0.29	31	117.04	120.82
54.55	1.41	0.00	92.8	0.00	32	120.82	124.30
56.08	1.41	0.00	92.2	0.00	33	124.30	128.19
57.60	1.47	0.00	96.7	0.00	34	128.19	132.72
59.13	1.42	0.17	92.8	0.12	35	132.72	136.67
60.65	1.50	0.45	98.7	0.30	36	136.67	138.37
62.17	1.39	0.52	91.4	0.37			EOH
63.70	1.21	0.16	79.1	0.13			
65.22	1.50	0.37	98.7	0.25			
66.75	1.38	0.21	90.2	0.15			
68.27	1.50	0.22	98.7	0.15			
69.79	1.28	0.42	84.2	0.33			
71.32	1.51	0.76	98.7	0.50			
72.84	1.47	0.17	96.7	0.12			
74.37	1.50	0.00	98.0	0.00			
75.89	1.45	0.16	95.4	0.11			
77.41	1.50	0.48	98.7	0.32			
78.94	1.53	0.71	100.0	0.46			
80.46	1.48	0.30	97.4	0.20			
81.99	1.50	0.35	98.0	0.23			
83.51	1.28	0.40	84.2	0.31			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 073 CORE SIZE HQ
DATE 18-3-97

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
85.03	1.50	0.40	98.7	0.27			
86.56	1.41	0.00	92.2	0.00			
88.08	1.30	0.00	85.5	0.00			
89.61	0.90	0.00	58.8	0.00			
90.68	0.90	0.00	84.1	0.00			
92.50	1.33	0.00	73.1	0.00			
93.57	1.22	0.00	114.0	0.00			
95.09	1.11	0.32	73.0	0.29			
95.70	0.67	0.00	109.8	0.00			
97.07	1.14	0.00	83.2	0.00			
98.14	0.60	0.00	56.1	0.00			
98.75	0.55	0.00	90.2	0.00			
99.36	0.65	0.00	106.6	0.00			
100.88	1.20	0.00	78.9	0.00			
101.80	0.78	0.00	84.8	0.00			
103.32	1.26	0.00	82.9	0.00			
104.69	1.07	0.00	78.1	0.00			
106.24	1.23	0.17	79.4	0.14			
107.44	0.95	0.00	79.2	0.00			
108.81	1.20	0.00	87.6	0.00			
109.42	0.42	0.00	68.9	0.00			
110.94	1.06	0.00	69.7	0.00			
112.47	1.35	0.00	88.2	0.00			
113.99	1.32	0.00	86.8	0.00			
115.51	1.50	0.00	98.7	0.00			
117.04	1.23	0.00	80.4	0.00			
118.56	1.22	0.00	80.3	0.00			
120.09	1.40	0.00	91.5	0.00			
121.61	1.43	0.00	94.1	0.00			
123.13	1.07	0.00	70.4	0.00			
124.66	1.38	0.00	90.2	0.00			
126.18	1.40	0.00	92.1	0.00			
127.71	1.50	0.00	98.0	0.00			
130.75	2.93	0.00	96.4	0.00			
132.28	1.10	0.00	71.9	0.00			
133.80	1.62	0.00	106.6	0.00			
135.33	1.43	0.00	93.5	0.00			
136.85	1.55	0.37	102.0	0.24			
138.37	1.27	0.00	83.6	0.00			
EOH							

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 072 CORE SIZE HQ
DATE 12-03-97

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
25.90					1	25.90	29.35
26.82	0.60	0.00	65.2	0.00	2	29.35	33.20
28.65	1.13	0.00	61.7	0.00	3	33.20	37.00
30.17	1.27	0.00	83.6	0.00	4	37.00	40.65
31.69	1.20	0.00	78.9	0.00	5	40.65	44.95
32.91	1.03	0.00	84.4	0.00	6	44.95	48.82
34.74	1.27	0.00	69.4	0.00	7	48.82	52.98
36.27	1.09	0.00	71.2	0.00	8	52.98	56.90
37.79	1.16	0.00	76.3	0.00	9	56.90	61.00
39.16	1.15	0.00	83.9	0.00	10	61.00	64.85
40.53	1.10	0.00	80.3	0.00	11	64.85	68.85
42.06	1.35	0.00	88.2	0.00	12	68.85	72.91
43.58	1.48	0.00	97.4	0.00	13	72.91	76.67
45.58	0.98	0.00	49.0	0.00	14	76.67	80.21
46.63	1.26	0.00	120.0	0.00	15	80.21	83.86
48.15	1.08	0.00	71.1	0.00	16	83.86	87.83
49.83	1.45	0.15	86.3	0.10	17	87.83	91.45
51.20	1.05	0.00	76.6	0.00	18	91.45	95.50
52.57	1.20	0.00	87.6	0.00	19	95.50	99.30
54.10	1.25	0.00	81.7	0.00	20	99.30	103.17
55.77	1.26	0.00	75.4	0.00	21	103.17	106.96
56.99	0.97	0.00	79.5	0.00	22	106.96	111.00
58.52	1.34	0.43	87.6	0.32	23	111.00	114.97
60.04	0.93	0.00	61.2	0.00	24	114.97	118.68
61.56	1.50	0.15	98.7	0.10	25	118.68	122.56
63.24	1.42	0.15	84.5	0.11	26	122.56	126.52
64.77	1.41	0.00	92.2	0.00	27	126.52	130.40
66.29	1.31	0.31	86.2	0.24	28	130.40	134.41
67.66	0.97	0.00	70.8	0.00	29	134.41	138.37
68.27	0.52	0.00	85.2	0.00	30	138.37	142.05
69.49	1.10	0.17	90.2	0.15	31	142.05	145.99
71.17	1.49	0.00	88.7	0.00	32	145.99	148.74
72.69	1.42	0.22	93.4	0.15	EOH		
74.21	1.45	0.00	95.4	0.00			
75.89	1.43	0.00	85.1	0.00			
77.41	1.40	0.26	92.1	0.19			
78.94	1.35	0.00	88.2	0.00			
80.46	1.54	0.00	101.3	0.00			
81.19	1.50	0.00	205.5	0.00			
83.51	1.29	0.00	55.6	0.00			
85.03	1.32	0.16	86.8	0.12			
86.56	1.32	0.00	86.3	0.00			
88.08	1.25	0.00	82.2	0.00			
89.61	1.28	0.00	83.7	0.00			
90.83	0.94	0.00	77.0	0.00			
92.35	1.45	0.00	95.4	0.00			
94.08	1.45	0.00	83.8	0.00			
95.20	1.50	0.00	133.9	0.00			
97.23	1.54	0.00	75.9	0.00			
98.75	1.33	0.00	87.5	0.00			
100.27	1.52	0.17	100.0	0.11			

TECHNICAL CORE LOGS CANALASK 1997
DDH97- 072 CORE SIZE HQ
DATE 12-03-97

INTERVAL	LENGTH	RQM	%REC	RQD	BOX	FROM	TO
101.80	1.45	0.00	94.8	0.00			
103.32	1.51	0.00	99.3	0.00			
104.85	1.29	0.00	84.3	0.00			
106.37	1.45	0.00	95.4	0.00			
107.89	1.42	0.31	93.4	0.22			
109.42	1.48	0.30	96.7	0.20			
110.94	1.32	0.31	86.8	0.23			
112.47	1.32	0.73	86.3	0.55			
113.99	1.34	0.00	88.2	0.00			
115.51	1.47	0.00	96.7	0.00			
117.04	1.30	0.49	85.0	0.38			
118.56	1.38	0.00	90.8	0.00			
119.78	1.12	0.00	91.8	0.00			
121.31	1.42	0.51	92.8	0.36			
122.98	1.45	0.00	86.8	0.00			
124.51	1.38	0.00	90.2	0.00			
126.18	1.42	0.17	85.0	0.12			
127.71	1.45	0.34	94.8	0.23			
129.23	1.48	0.25	97.4	0.17			
130.74	1.34	0.00	88.7	0.00			
132.28	1.40	0.00	90.9	0.00			
133.80	1.44	0.17	94.7	0.12			
135.33	1.40	0.00	91.5	0.00			
138.37	1.24	0.17	40.8	0.14			
139.90	1.38	0.16	90.2	0.12			
141.42	1.49	0.00	98.0	0.00			
142.95	1.53	0.57	100.0	0.37			
144.47	1.45	0.93	95.4	0.64			
145.99	1.53	0.27	100.7	0.18			
147.52	1.45	0.16	94.8	0.11			
148.74	0.94	0.00	77.0	0.00			
EOH							

TECHNICAL CORE LOGS CANALASK 1997

DDH97- 071 CORE SIZE NQ AVERAGE % RECOVERY 71.9
DATE 10-03-97 AVERAGE RQD 0.14

INTERVAL	LENGTH	RQM	%REC	RQD
33.50				
36.30	1.50	0.00	53.6	0.00
37.50	1.10	0.00	91.7	0.00
39.60	1.80	0.22	85.7	0.12
40.80	0.80	0.30	66.7	0.37
42.40	1.30	0.66	81.2	0.51
43.90	1.00	0.45	66.7	0.45
45.40	1.30	0.25	86.7	0.19
46.90	1.20	0.65	80.0	0.54
48.50	1.50	0.85	93.7	0.57
49.99	0.94	0.27	63.1	0.29
50.90	0.47	0.10	51.6	0.21
52.12	0.46	0.00	37.7	0.00
53.04	0.51	0.00	55.4	0.00
54.86	1.15	0.00	63.2	0.00
55.47	0.30	0.00	49.2	0.00
56.08	0.65	0.00	106.6	0.00
57.61	0.94	0.11	61.4	0.12
59.13	0.72	0.12	47.4	0.17
60.66	0.85	0.21	55.6	0.25
61.72	0.83	0.00	78.3	0.00
63.09	0.58	0.00	42.3	0.00
64.47	0.63	0.00	45.7	0.00
65.23	0.62	0.13	81.6	0.21
66.45	0.80	0.00	65.6	0.00
67.97	1.36	0.31	89.5	0.23
69.34	1.04	0.00	75.9	0.00
70.41	0.81	0.00	75.7	0.00
71.32	0.85	0.21	93.4	0.25
72.54	0.98	0.11	80.3	0.11
74.07	1.31	0.00	85.6	0.00
75.44	1.03	0.00	75.2	0.00
76.96	1.29	0.11	84.9	0.09
78.03	0.71	0.00	66.4	0.00
78.94	0.58	0.00	63.7	0.00
80.16	0.52	0.00	42.6	0.00
81.38	0.70	0.00	57.4	0.00
81.99	0.18	0.00	29.5	0.00
83.21	0.93	0.00	76.2	0.00
84.43	1.08	0.35	88.5	0.32
85.95	1.49	0.60	98.0	0.40
87.17	0.82	0.00	67.2	0.00
88.70	1.08	0.00	70.6	0.00
89.61	0.63	0.32	69.2	0.51
90.83	1.07	0.19	87.7	0.18
92.05	0.97	0.00	79.5	0.00
93.57	1.16	0.23	76.3	0.20
95.10	1.30	0.40	85.0	0.31
96.01	0.58	0.00	63.7	0.00
97.23	0.47	0.00	38.5	0.00
98.76	1.33	0.50	86.9	0.38
99.97	1.01	0.00	83.5	0.00
101.50	1.06	0.00	69.3	0.00
102.87	0.97	0.00	70.8	0.00

BOX	FROM	TO
1	33.50	38.10
2	38.10	43.60
3	43.60	48.70
4	48.70	53.73
5	53.73	58.20
6	58.20	65.23
7	65.23	70.71
8	70.71	75.77
9	75.77	81.51
10	81.51	87.17
11	87.17	92.78
12	92.78	98.20
13	98.20	103.45
14	103.45	109.12
15	109.12	114.51
16	114.51	119.97
17	119.97	125.88
18	125.88	130.97
19	130.97	136.20
20	136.20	141.27
21	141.27	146.50
22	146.50	151.87
23	151.87	155.14
	EOH	

104.55	1.32	0.50	78.6	0.38
106.07	1.26	0.11	82.9	0.09
107.59	1.07	0.25	70.4	0.23
109.12	1.25	0.17	81.7	0.14
110.64	1.24	0.00	81.6	0.00
112.17	1.15	0.21	75.2	0.18
113.69	1.23	0.15	80.9	0.12
115.06	1.28	0.00	93.4	0.00
116.59	1.24	0.00	81.0	0.00
118.11	1.00	0.00	65.8	0.00
119.02	0.86	0.00	94.5	0.00
120.09	0.87	0.00	81.3	0.00
121.46	0.67	0.00	48.9	0.00
122.53	0.55	0.00	51.4	0.00
124.05	1.17	0.00	77.0	0.00
125.43	0.76	0.00	55.1	0.00
126.19	0.65	0.00	85.5	0.00
127.10	0.62	0.00	68.1	0.00
129.24	1.16	0.00	54.2	0.00
130.76	1.17	0.00	77.0	0.00
132.28	1.12	0.49	73.7	0.44
134.42	1.30	0.00	60.7	0.00
135.33	0.47	0.00	51.6	0.00
136.55	0.68	0.00	55.7	0.00
137.77	0.95	0.00	77.9	0.00
138.64	0.67	0.00	77.0	0.00
139.60	0.61	0.00	63.5	0.00
141.27	0.91	0.13	54.5	0.14
142.80	1.20	0.00	78.4	0.00
144.48	1.40	1.11	83.3	0.79
146.00	1.16	0.55	76.3	0.47
147.52	1.33	0.76	87.5	0.57
149.05	1.51	1.23	98.7	0.81
150.57	1.38	0.74	90.8	0.54
152.10	0.97	0.00	63.4	0.00
153.62	1.19	0.15	78.3	0.13
155.14	1.18	0.37	77.6	0.31

EOH

FOOTWALL ZONE

MAIN ZONE

HUB AA
HUB BB
HUB CC
HUB DD
HUB EE
HUB FF
HUB GG
HUB HH
HUB II
HUB T
HUB U
HUB V
HUB V1
HUB X
HUB Y
HUB Z
HUB 1
HUB 96-3
HUB 97C-1
HUB 97C-2

TR93-1
TR93-2
TR93-3
TR93-4
TR93-5
TR93-6
TR93-7
TR93-8
TR93-9
TR93-10
TR93-11
TR93-12
TR93-14

95-067
95-068
95-069
95-070
94-060
97-071
97-072
97-073
97-074
97-074A
97-075
97-077
97-078
97-079
87-01
87-02
87-03
87-04
87-05
64-065
68-1
68-2
68-3
68-4
68-5
601
602
603
604
606
612
613
VQ-1
VQ-2
VQ-7
S-1
S-1A
S-3A
S-5
S-7
S-8
S-9
S-11
S-12
S-14

L29+65E
L30+15E
L30+65E
L31+00E
L32+05E
L32+50E
L33+00E
L33+50E
L34+00E
L34+50E
L35+00E
BL 30+48N
BL2B+00N
BL 1000S
BL 1500S

9634E
9695E
9756E
9817E
9878E
9939E
10000E
10061E
10122E
10183E
10244E
10305E
10366E
10427E
10488E
10549E
10610E
10744E
10876E
10996E

2600
2700
2800
2900

GABBRO
GABBRO-PERIDOTITE
PYROXENITE-PERIDOTITE
PERIDOTITE
DUNITE
TROCTOLITIC GABBRO ?
DUNITE ?
DUNITE/PERIDOTITE
VOLCANIC AND SEDIMENTARY ROCKS

WHITE RIVER

diamond drill hole
excavator trench

FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

MAIN ZONE SURFACE PLAN

CANALASK PROJECT

EXPATRIATE RESOURCES LTD.

SCALE 1:2000

0 50 100 150m

May, 1997