ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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ASSESSMENT REPORT 094469

describing

GEOLOGY, MINERALIZATION AND GEOCHEMISTRY

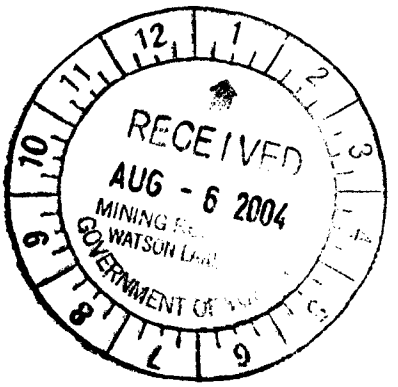
at the

OZ PROPERTY
Oz 1 - 30 YC23138 – YC23167

NTS 105G/6
Latitude 61°22'N Longitude 131°10'W

in the

Watson Lake Mining District
Yukon Territory



prepared by

Archer, Cathro & Associates (1981) Limited

for

TRUE NORTH GEMS INC.

by

William A. Wengzynowski, P. Eng.
January 2004

Costs associated with this report have been approved in the amount of $ 12,750.00 for assessment work under Certificate of Work No. QL 25656

Mining Recorder
Watson Lake Mining District

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SUMMARY AND RECOMMENDATIONS

The Oz property is being explored primarily for emerald, but it also hosts tungsten and molybdenum mineralization. It consists of 30 mineral claims, located 40 km south of the Robert Campbell Highway in southeastern Yukon. The claims are staked under the Yukon Quartz Mining Act and cover about 620 hectares. True North Gems Inc. owns the property.

Emerald is a gem variety of beryl with characteristic deep green colouration caused by chromium impurities. Exploration being conducted at the Oz property is based on a published exploration model that incorporates features known to occur at the Regal Ridge emerald prospect located approximately 32 km to the southeast. This model for emerald formation involves hot, volatile rich fluids migrating upward and outward from a two-mica granite intrusion to produce veins in wallrocks of mafic and ultramafic composition. Intrusion into chromium rich wallrocks by beryllium bearing fluids brings the two key components together, thus permitting crystallization of emerald in open spaces along vein fissures.

Although no emerald has been discovered at the Oz property, some aspects of the geological setting and geochemical signature resemble those at the Regal Ridge emerald prospect. Three geologically and geochemically favourable zones have been identified near the centre of the property. These zones range in size from 100 by 100 m to 150 by 450 m. They exhibit key geological features reported at Regal Ridge including: golden muscovite schist alteration; recessive gullies that may mark buried veins or faults; and, tourmaline in quartz veins and radiating bird's foot aggregates along foliation planes in schist. Geochemical results from soil samples taken within these zones yielded high beryllium values and weakly to moderately anomalous chromium values.

The most prospective target on the property is Zone A. Here, chromium values are highest and mineral concentrates panned from soil contain abundant quartz, mica, garnet, and tourmaline plus minor fluorite. Scheelite is common in most of the pan concentrates. Tourmaline fragments were particularly abundant in concentrates from sites that also returned high beryllium geochemical results.

Future work should focus on emerald potential in and around Zone A. Additional reconnaissance geochemical sampling and prospecting should be conducted elsewhere on the property to search for other zones and to more accurately determine the geochemical profile of the property.

INTRODUCTION

The Oz property is located in the Finlayson Lake district of southeastern Yukon Territory. It is owned by True North Gems Inc. This report describes the results of the 2003 program conducted by Archer, Cathro & Associates (1981) Limited and compares them to results from other properties in southeastern Yukon that are also being explored for emerald.

Work at the Oz property was conducted from 2 to 3 person fly camps on the property in two stages: July 14 to 22 and September 12 to 19. It consisted of geological mapping, prospecting, silt and soil sampling, soil panning, hand pitting and claim surveys. The author supervised the work and his Statement of Qualifications appears in Appendix I.

PROPERTY LOCATION AND CLAIM DATA

The Oz property consists of 30 contiguous mineral claims located in southeastern Yukon at latitude 61°22'N and longitude 131°10'W on NTS 105G/6 (Figure 1). Claim data is shown below while locations of individual claims are shown as Figure 2. The claims are registered with the Watson Lake Mining Recorder in the name of Archer Cathro which holds them in trust for True North.

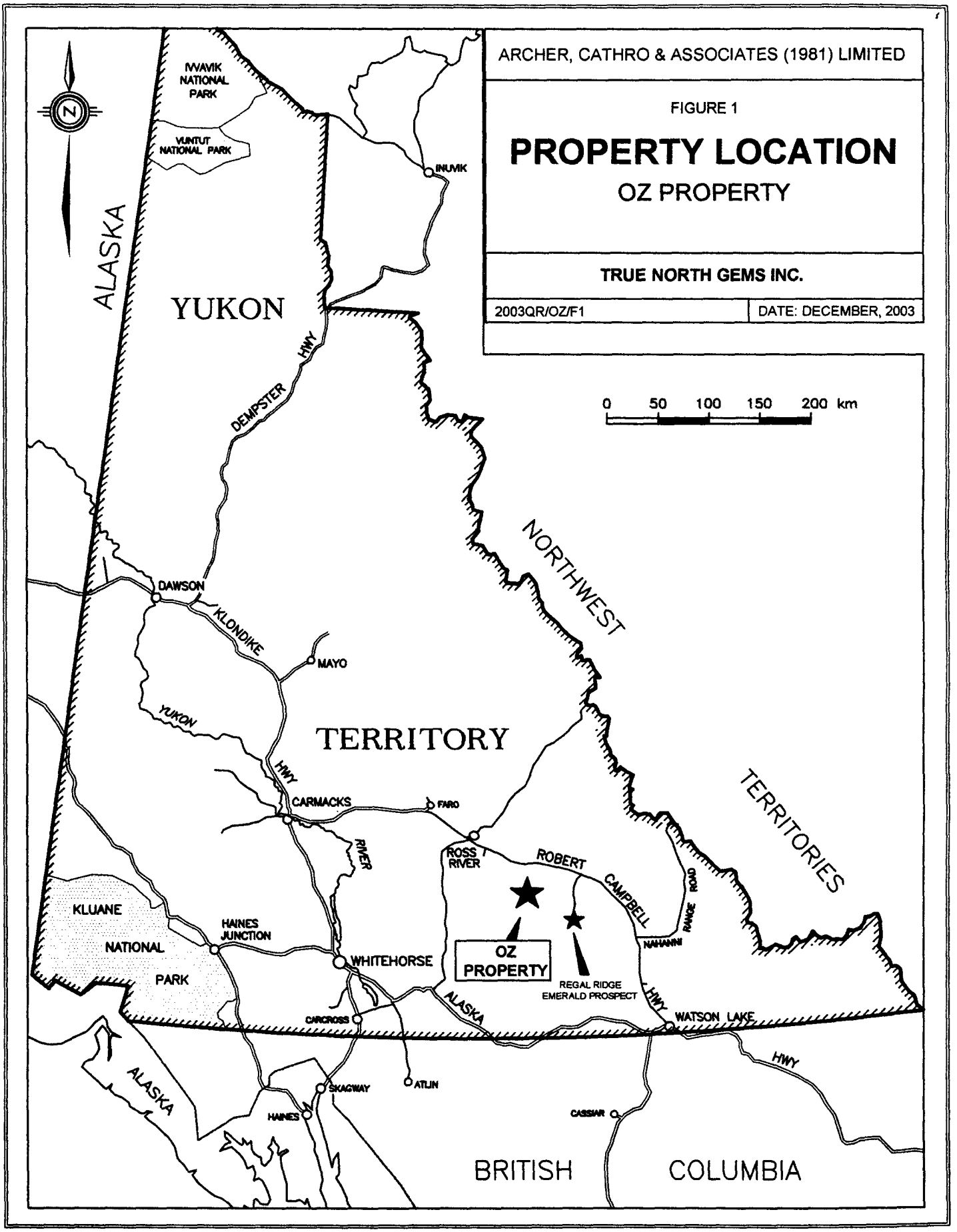
Claim Name	Grant Number	Expiry Date*
Oz 1 - 30	YC23138 – YC23167	March 30, 2009

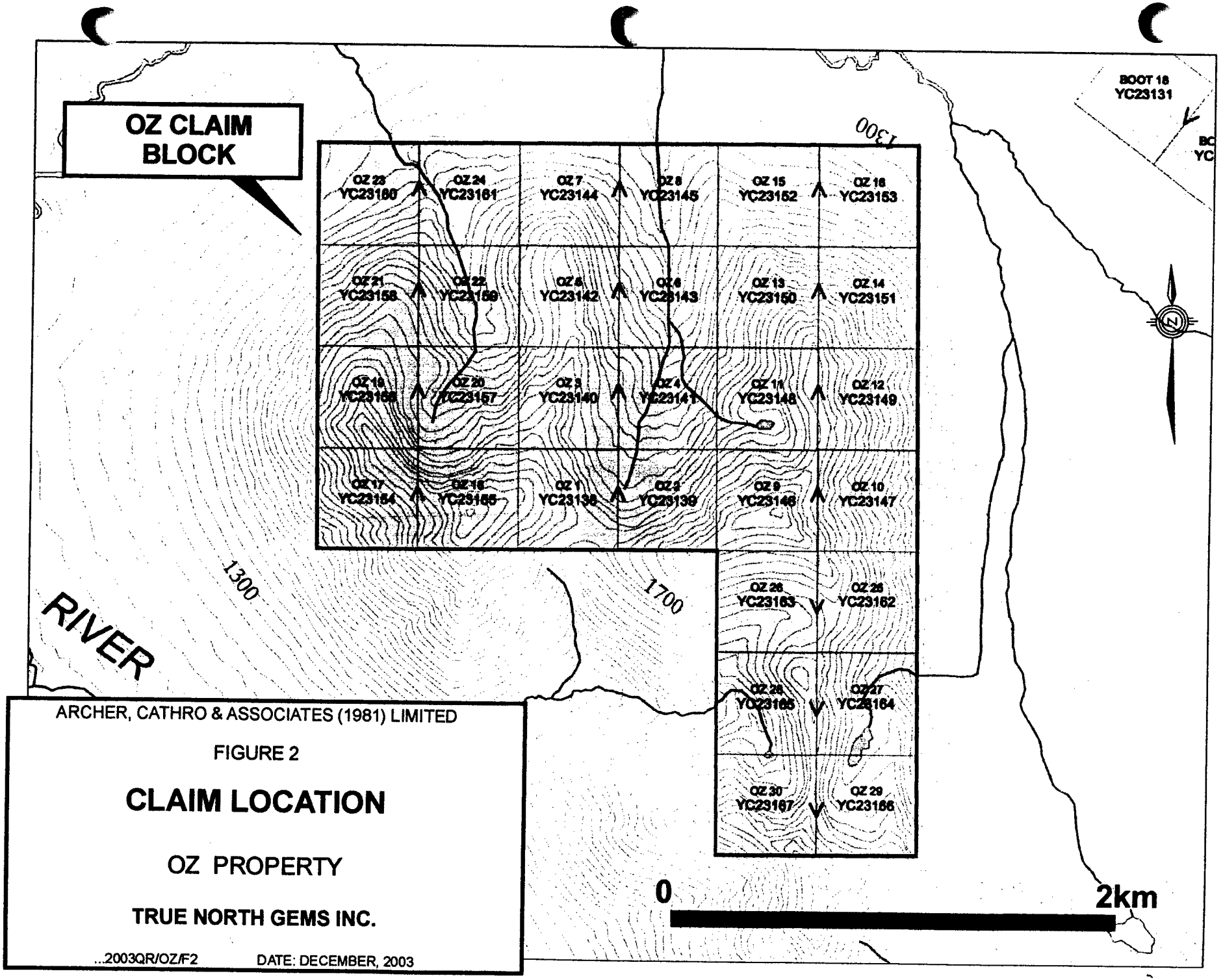
*Expiry date includes 2003 work filed for assessment credit but not yet accepted.

ACCESS AND GEOMORPHOLOGY

The Oz property lies about 40 km south of the Robert Campbell Highway. It is 95 km southeast of the community of Ross River and 190 km northwest of the community of Watson Lake, where the closest year round helicopter base is located. In summer 2003, most camp moves and supply runs were done with a helicopter operating from a temporary base at Finlayson Lake, 50 km northeast of the property. Equipment, supplies and personnel were usually driven from Whitehorse to Finlayson Lake by truck, a distance of 545 km. The closest lake suitable for float-equipped fixed-wing aircraft is Lampman Lake about 7 km north of the property. There are three gravel airstrips located within 35 km of the property.

The Oz property lies within the Pelly Mountains in the headwaters of the Pelly River. Elevations on the property range between 1280 and 1900 m. Topography is relatively rugged with predominantly north flowing streams draining valleys that often emanate from cirques. The main valleys are U-shaped with flat bottoms covered by glaciofluvial outwash, flanked by lateral moraines and moderate to steep hillsides (typically 20 to 50°). Outcrop is most abundant along the north sides of ridges and in actively eroding creek cuts. Ice sheets covered the entire Pelly Mountain area during Pleistocene times and alpine glacial features such as cirques, tarn lakes and moraines are common. Much of the property is above tree line. Vegetation ranges from scattered stunted spruce, balsam and willow at lower elevations, giving way to buckbrush and moss and ultimately to lichen covered rock at higher elevations.


ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 1
PROPERTY LOCATION
OZ PROPERTY
TRUE NORTH GEMS INC.
2003QR/OZ/F1
DATE: DECEMBER, 2003
N
0 50 100 150 200 km
ALASKA
YUKON
TERRITORY
NORTHWEST
TERRITORIES
BRITISH
COLUMBIA
IVVAVIK NATIONAL PARK
VUNTUT NATIONAL PARK
INUVIK
DEMPSTER HWY
DAWSON
KLONDIKE
MAYO
YUKON HWY
CARMACKS
FARO
ROSS RIVER
ROBERT CAMPBELL HWY
RANGE ROAD
NAHANNI
RIVER
KLUANE NATIONAL PARK
HAINES JUNCTION
WHITEHORSE
OZ PROPERTY
REGAL RIDGE EMERALD PROSPECT
CARCROSS
ALASKA HWY
WATSON LAKE
SKAGWAY
ATLIN
HAINES
CASSIAR
ALASKA HWY



ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 2

CLAIM LOCATION

OZ PROPERTY

TRUE NORTH GEMS INC.

...2003QR/OZ/F2 DATE: DECEMBER, 2003

Creeks draining the claims provide ample water for camp purposes and there are good campsite locations.

The climate in the Pelly Mountains is characterized by very cold, long winters, truncated fall and spring seasons and short, cool and often wet summers. The normal operating season for mineral exploration is from late May through early October.

PROPERTY HISTORY

The Finlayson Lake district has seen sporadic exploration since the 1960s for a number of deposit types, most notably volcanogenic massive sulphides (VMS), tungsten skarns and asbestos (Deklerk, 2002). Much of the work was reconnaissance in nature and was conducted as part of wide ranging regional scale programs. The most recent and intensive exploration began in 1994 following discovery of the Kudz ze Kayah VMS deposit. This discovery resulted in a staking rush that enveloped much of the district. Follow up exploration led to the discovery of additional VMS deposits (Wolverine, Ice, GP4F and Fyre Lake).

The emerald potential of the district was first recognized in August 1998 when the author discovered an occurrence at what is now the Regal Ridge prospect. The discovery was made on behalf of Expatriate Resources Ltd. while exploring for VMS type, base metal mineralization. The first emeralds were found by prospecting while following up anomalous copper, tungsten, gold and beryllium values obtained from contour controlled soil sampling. Expatriate performed focussed emerald exploration at Regal Ridge in 1999 and identified a number of emerald showings in outcrop and float over a 950 by 350 m area. In 2000 True North arranged to purchase the Regal Ridge property from Expatriate and has since continued to define the emerald prospect through geological mapping, prospecting, soil geochemistry, diamond drilling, trenching, bulk sampling and underground development.

The Oz property was first staked as a tungsten target in 1978 by Chevron Canada Ltd. as part of its much larger Boot property. Exploration on the Boot property from 1978 to 1980 included geological mapping, prospecting, soil and stream sediment geochemistry, soil panning, hand trenching, magnetic surveys and diamond drilling. Work in the southwest corner of the property, which now encompasses the Oz claims, was limited to geological mapping, prospecting, and soil geochemistry. The most noteworthy results from this work in respect to emerald exploration, are high tungsten soil geochemical values and numerous scheelite occurrences associated within quartz-tourmaline veining.

Based on a statistical analysis of soil geochemical results collected during the 2001 and 2002 emerald exploration programs at Regal Ridge (Gaboury, 2002), thresholds for moderately and strongly anomalous values were determined to be 1.45 and 3.78 ppm beryllium, 5.3 and 29.0 ppm tungsten and 1.5 ppm and 6.7 ppm tin, respectively, for analyses using near total digestion. The peak tungsten and tin values from pre-2003 sampling at the Oz claims was 70 ppm and 10 ppm, respectively (Cathro and Schmidt, 1981). Beryllium analysis was not part of the analytical technique used on soil samples from the Oz property prior to 2003.

GEOLOGICAL SETTING

Regional Geology

The Oz property lies within the Yukon-Tanana Terrane, 4 km northeast of the Tintina Fault (Figure 3). This regional scale, transcurrent fault extends across Yukon into Alaska and resulted in approximately 420 to 460 km of dextral offset in Early Tertiary times (Mortensen, et al, 2000). The Yukon-Tanana Terrane is composed of complexly deformed, greenschist to lower amphibolite facies metamorphic rocks of Paleozoic age (Tempelman-Kluit, 1977). The main components are Pre-Late Devonian metaclastic and carbonate rocks, and Late Devonian to Mississippian metavolcanic, metasedimentary and metaplutonic rocks. The latter package includes bimodal volcanic suites, serpentinized ultramafic bodies thought to be sills, and granite and quartz monzonite stocks of the Simpson Range Plutonic Suite. Figure 4 is a schematic stratigraphic column showing the relationships between the main Paleozoic units and their approximate ages.

Rocks of the Yukon-Tanana Terrane represent an island arc assemblage that was deformed and imbricated during accretion to the North America craton during the Late Paleozoic (Mortensen, 1992). A second stage of deformation occurred in the Early Cretaceous prior to emplacement of peraluminuous granitic intrusions belonging to the approximately 112 Ma Anvil Plutonic Suite (Mortensen, 1999).

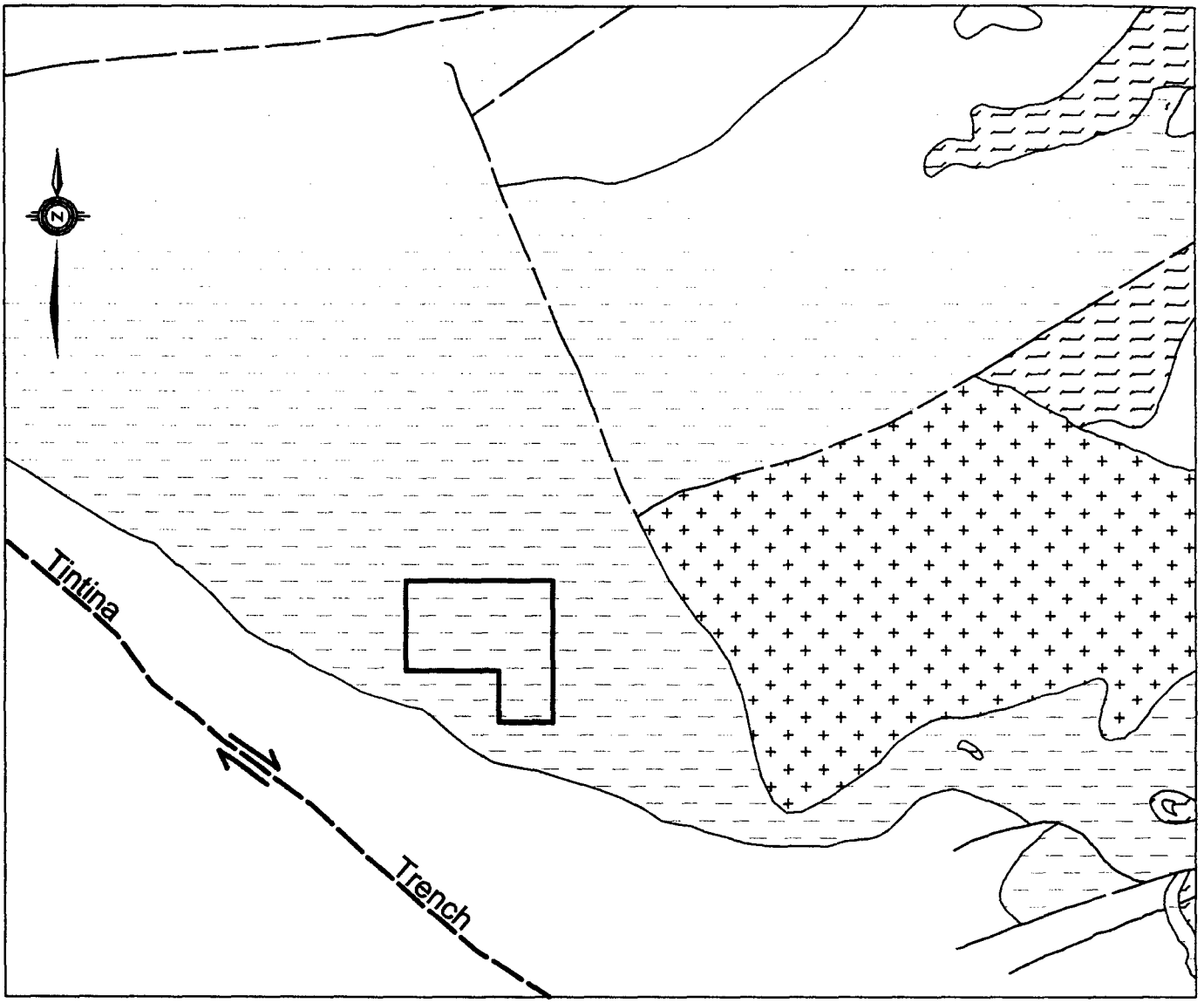
Property Geology

The Oz property is underlain by a variety of Late Devonian rocks including mafic and felsic metavolcanics (units DF and DK), ultramafic sills (unit Dum) and granitoid orthogneiss (unit Dg), as shown on Figure 5. Narrow Cretaceous aplite dykes (Kg) have also been noted in the area but are too small to illustrate on property scale maps. The Late Devonian stratified units have undergone burial metamorphism and exhibit foliation that approximately parallels compositional layering. Foliations generally dip shallowly eastward. Numerous westerly trending high angle faults occur within the Oz claims. The following paragraphs contain brief descriptions of the various lithologies from oldest to youngest.

Unit DF is the Fire Lake mafic metavolcanic stratigraphy. These rocks are predominantly chlorite schist but grade locally to biotite schist. They range from weakly to strongly foliated and are fissile to blocky competent weathering where they contain moderate garnet-quartz. In some areas the chloritic schist is altered to silvery golden muscovite schist.

Unit DK is correlated to the Kudz ze Kayah felsic metavolcanics. It is tan to yellow, muscovite rich, coarse grained schist. Within the Oz property, these rocks are highly fissile, flaky and often contain tourmaline and garnet.

Unit Dum is ultramafic rock, which is usually strongly serpentinized. It tends to weather rusty brown and has mottled rounded surfaces. This unit has not been mapped on the property. The nearest exposure is a small body along a west trending fault immediately southeast of the property.



Cretaceous

Intrusion

Proterozoic to Mid Paleozoic

Metaclastic, metavolcanic, metaplutonic, metasedimentary and carbonate rocks

Chlorite schist and ultramafic rocks

Fault

Oz property claim boundary

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 3

REGIONAL GEOLOGY

OZ PROPERTY

TRUE NORTH GEMS INC.

DRAWN/REVISED BY: MRD	PROJECT: OZ
.../2003/EP/OZ/F3 - Oz - regional geology.dwg	DATE: DECEMBER, 2003

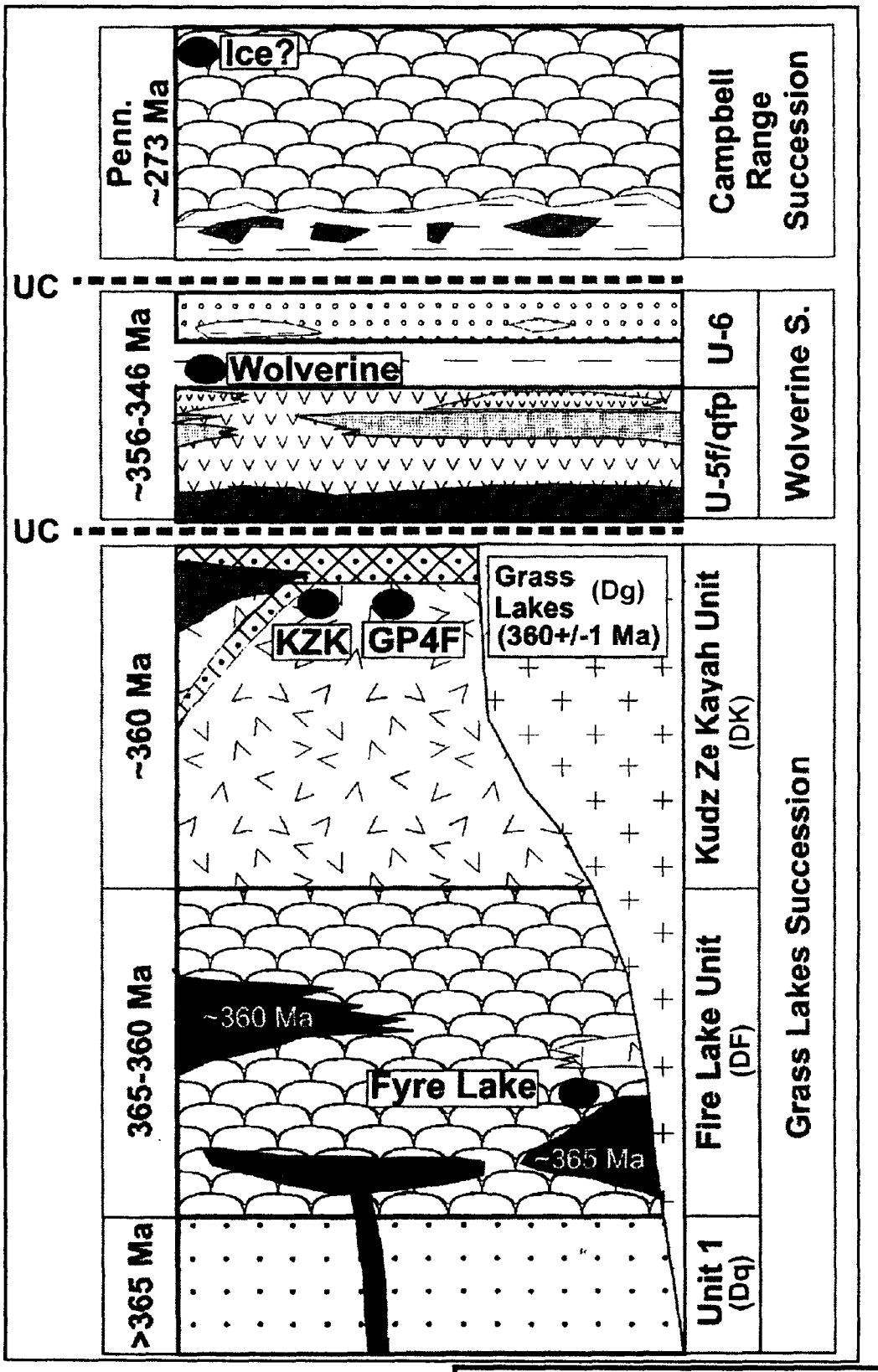


Fig 4. Schematic section of the Finlayson Lake district with the Paleozoic stratigraphy and location of VMS deposits. Dark intrusive rocks within the Fire Lake Unit are ultramafic unit Dum. Cretaceous granitic intrusions (Kg) are not shown. Modified after Murphy and Piercey, 1999 and 2000 and Piercey, et al, 2002

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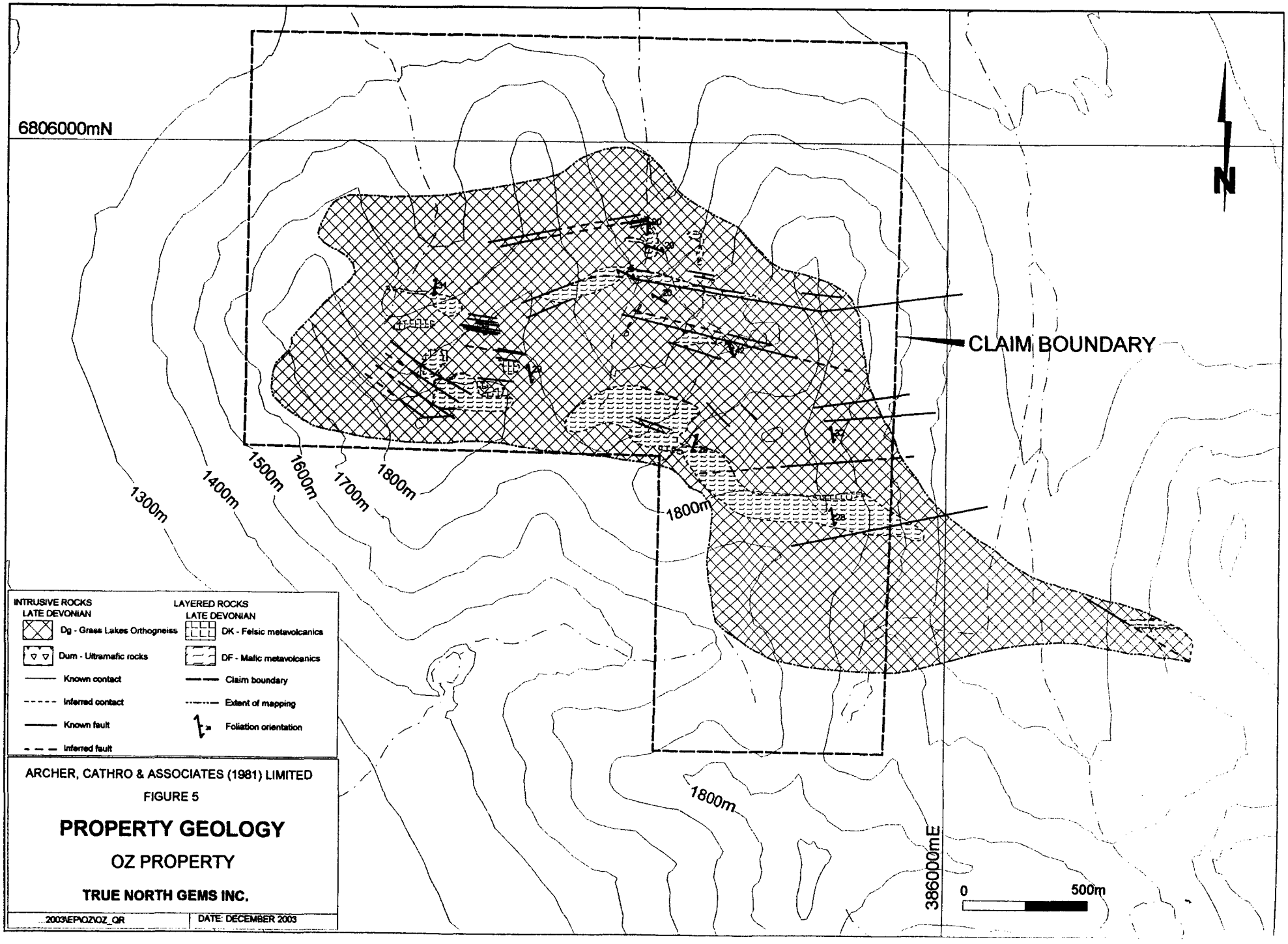
FIGURE 4

STRATIGRAPHY

OZ PROPERTY

TRUE NORTH GEMS INC.

...2003QR/OZ/F4 DATE: DECEMBER, 2003


6806000mN
386000mE
CLAIM BOUNDARY
N
1300m
1400m
1500m
1600m
1700m
1800m
1800m
1800m
0
500m
INTRUSIVE ROCKS
LATE DEVONIAN
Dg - Grass Lakes Orthogneiss
Dum - Ultramafic rocks
Known contact
Inferred contact
Known fault
Inferred fault
LAYERED ROCKS
LATE DEVONIAN
DK - Felsic metavolcanics
DF - Mafic metavolcanics
Claim boundary
Extent of mapping
Foliation orientation
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 5
PROPERTY GEOLOGY
OZ PROPERTY
TRUE NORTH GEMS INC.
...2003\EP\OZ\OZ_QR
DATE: DECEMBER 2003

Unit Dg is the Grass Lakes Augen Orthogneiss. Regionally these rocks include a variety of lithologies. On the Oz property they are predominantly light brown to grey weathering, micaceous quartzite. They range from moderately to well foliated, and contain orthoclase augen that parallel foliation and range from 2 mm to 3 cm in diameter.

Unit Kg comprises grey weathering biotite-muscovite aplite dykes. These dykes are up to 1.5 m wide, unfoliated and equigranular. An undeformed mafic dyke of unknown age found at Zone A may also belong to this unit.

No large Cretaceous age intrusive bodies have been mapped on the Oz property. The nearest stock shown on regional scale maps is located approximately 4 km southeast of the property (Murphy et al, 2002). Smaller satellite bodies are known to occur on the Boot claims 1.6 km to the northeast (Cathro and Schmidt, 1981).

DEPOSIT TYPES

The geological setting of the Oz property resembles that of the nearby Regal Ridge emerald prospect. At Regal Ridge, chromium rich emerald crystals occur within quartz veins and in layers and pockets within altered selvages developed along the margins of the veins. At least 13 mineralized veins occur in a 2 sq km area on either side of a ridge. The mineralized veins cut chloritic schist of the Fire Lake mafic metavolcanic unit (DF) near the contact with a granitic stock of the Anvil Plutonic Suite (Kg). The veins typically range between 0.2 and 1 m in width. The emerald crystals are up to 4 cm long and are typically surrounded by fine dark tourmaline with minor scheelite and chalcopyrite. Emerald is developed adjacent to the veins in muscovite altered schist or in the veins themselves (Groat et al, 2002).

During summer 2002, True North conducted bulk sampling at the prospect. On December 12, 2002, it reported favourable results from seven areas. The most promising values were from the Southwest Zone where a 6.36 tonne bulk sample yielded 11.59 kg of gem concentrate, of which 121.42 g were gem quality and 587.33 g near gem quality. A total of 284, +4.5 mm gemstones were extracted from the concentrate, at an average of 0.33 g (1.75 carats) per stone (Smith, 2002).

Emerald deposits are relatively rare, with current or past production from mines in Columbia, Pakistan, Afghanistan, Russia, Zambia, Egypt and Brazil. They are subdivided into two main types. Most emerald deposits belong to Type I (Schwarz and Giuliani, 2001), which are related to granitic intrusions. The Columbian occurrences are unique and comprise Type II. There the emeralds are associated with hydrothermal activity in areas where fluid circulation is controlled by tectonic features such as thrust faults and shear zones. Regal Ridge is thought to be a Type I deposit based upon its geological setting.

Figure 6 illustrates the basic model for emerald formation at Regal Ridge. Fundamentally, emeralds are the gem variety of green beryl. The green colour is caused by chromium or less commonly, vanadium impurities. The source of the beryllium needed to form the beryl at Regal Ridge is thought to be a nearby unit Kg granitic stock. Fluids derived from that beryllium reservoir presumably migrated outward and upward through the adjoining unit Dum ultramafic rocks and unit DF mafic metavolcanic schist, which are chromium reservoirs. Interaction between the beryllium enriched vein

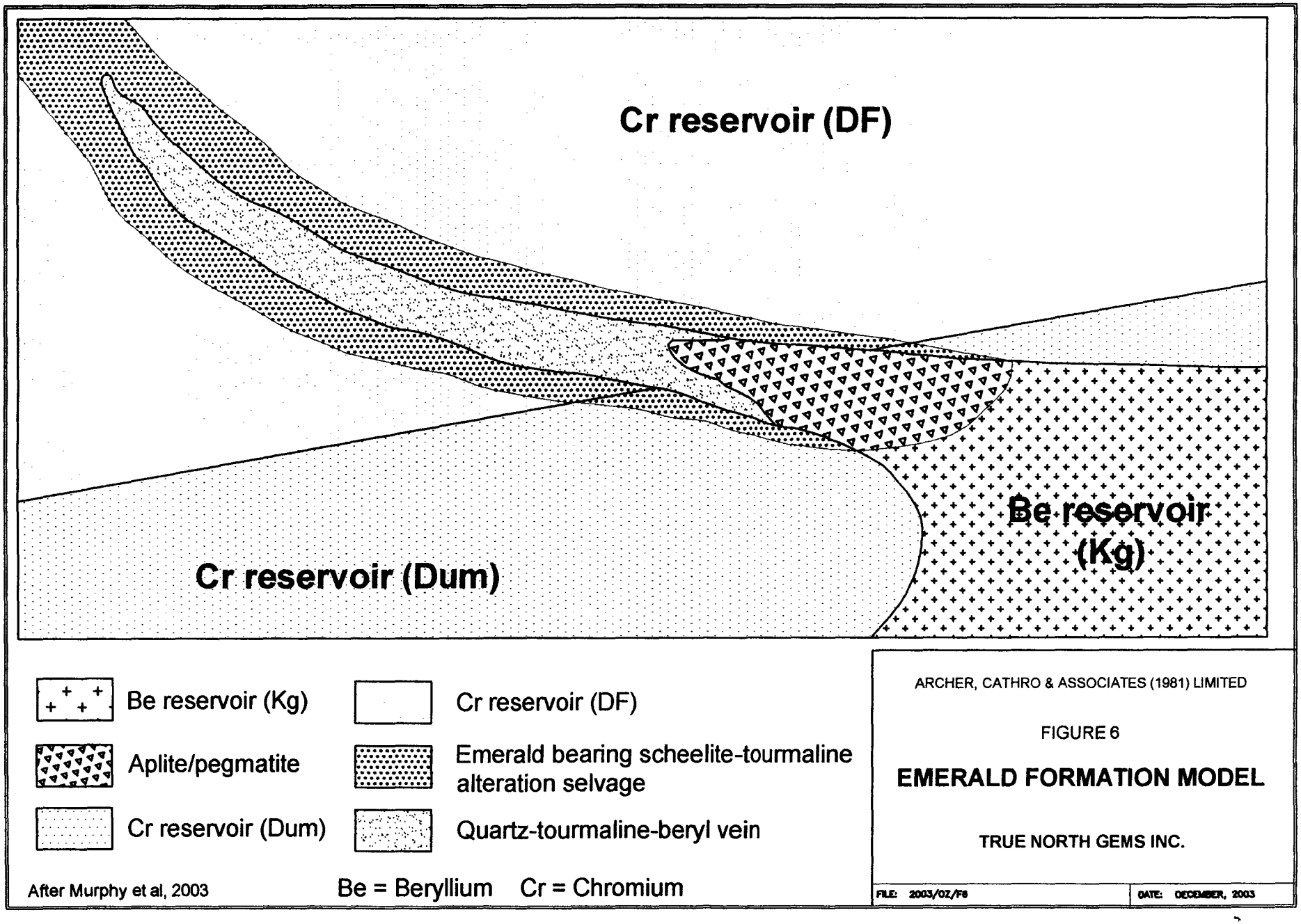


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FIGURE 6

EMERALD FORMATION MODEL

TRUE NORTH GEMS INC.

FILE: 2003/OZ/F6 | DATE: DECEMBER, 2003

fluids and chromium bearing wallrocks resulted in formation of emeralds along the margin of the veins (Murphy, et al, 2003).

2003 EXPLORATION PROGRAM

The 2003 exploration program at the Oz property was done in two phases: July 14 to 22 and September 12 to 19. A 2 to 3 person crew conducted the work from two flycamps. The program consisted of geological mapping, prospecting, soil and stream sediment sampling, soil panning, hand pitting and claim surveys.

Mineralization

Three zones of alteration similar to those found at the Regal Ridge emerald prospect were outlined on the Oz property in 2003. These zones are characterized by rusty to golden weathered muscovite schist bands, recessive gullies, radiating bird's foot tourmaline along foliation planes in the schist and quartz-tourmaline veining. Although strongly anomalous beryllium soil geochemistry with the alteration zones, beryl has not yet been discovered. The three alteration zones are individually described in the following paragraphs.

Zone A is located along a northeast facing slope in the centre of the property and encompasses an area approximately 100 by 100 m. Within this zone unit Dg orthogneiss and unit DF biotite-chlorite-quartz schist are cut by an undeformed mafic dyke, an aplite dyke and quartz veins. The largest vein is 1.2 m thick and contains tourmaline masses and disseminated silver mica. Pervasive muscovite alteration is developed in unit Dg up to 2 m on either side of quartz veins. Several massive, green actinolite boulders were found uphill from this zone in the talus. These boulders are likely derived from an altered horizon within unit DF.

Zone B is located along the southeasterly slope of a north facing cirque, about 400 m southwest of Zone A. It covers an area approximately 150 by 450 m. Wallrocks are dominantly unit Dg orthogneiss with narrow windows of golden rusty weathering mica schist (unit DK) and calcareous derivatives. Quartz-tourmaline vein float and sprays of bird's foot tourmaline are scattered throughout this zone.

Zone C is located along the southwestern slope of another north facing cirque about 600 m south of Zone A. This zone encompasses an area approximately 200 by 300 m. Wallrocks and alteration are similar to those at Zone B however, the schist horizons contain noticeably more red garnet.

Previous exploration in 1978 to 1980 discovered scheelite mineralization at four locations on the Oz property. Two occurrences are less than 100 m west of Zone B. Another occurrence is located approximately 300 m east of Zone C. The fourth occurrence was located in the southeastern corner of the property. Wolframite skarn with minor scheelite was reported in the southeastern corner of the property and near Zone B. Molybdenite bearing veins were discovered at several locations in and around Zone B.

Geochemistry

Four classes of samples were collected during the 2003 exploration program:

1) stream sediment samples;

2) soil samples;

3) specimen samples; and

4) pan samples.

A total of 3 stream sediment samples, 78 soil samples and 16 soil pan samples were taken from the property in 2003.

In Zone A, profile samples were taken from the walls of a series of pits dug approximately 1 m deep. and spaced approximately 10 m apart across the slope. In Zone B, soil samples were collected every 25 m along contour controlled lines around the head of the cirque. Samples in Zone C were taken at 25 m intervals along lines spaced 50 m apart. All soil sample sites are identified with orange flagging marked with the sample number. The samples were taken from B or C Horizon soil, usually at depths between 20 and 30 cm below surface.

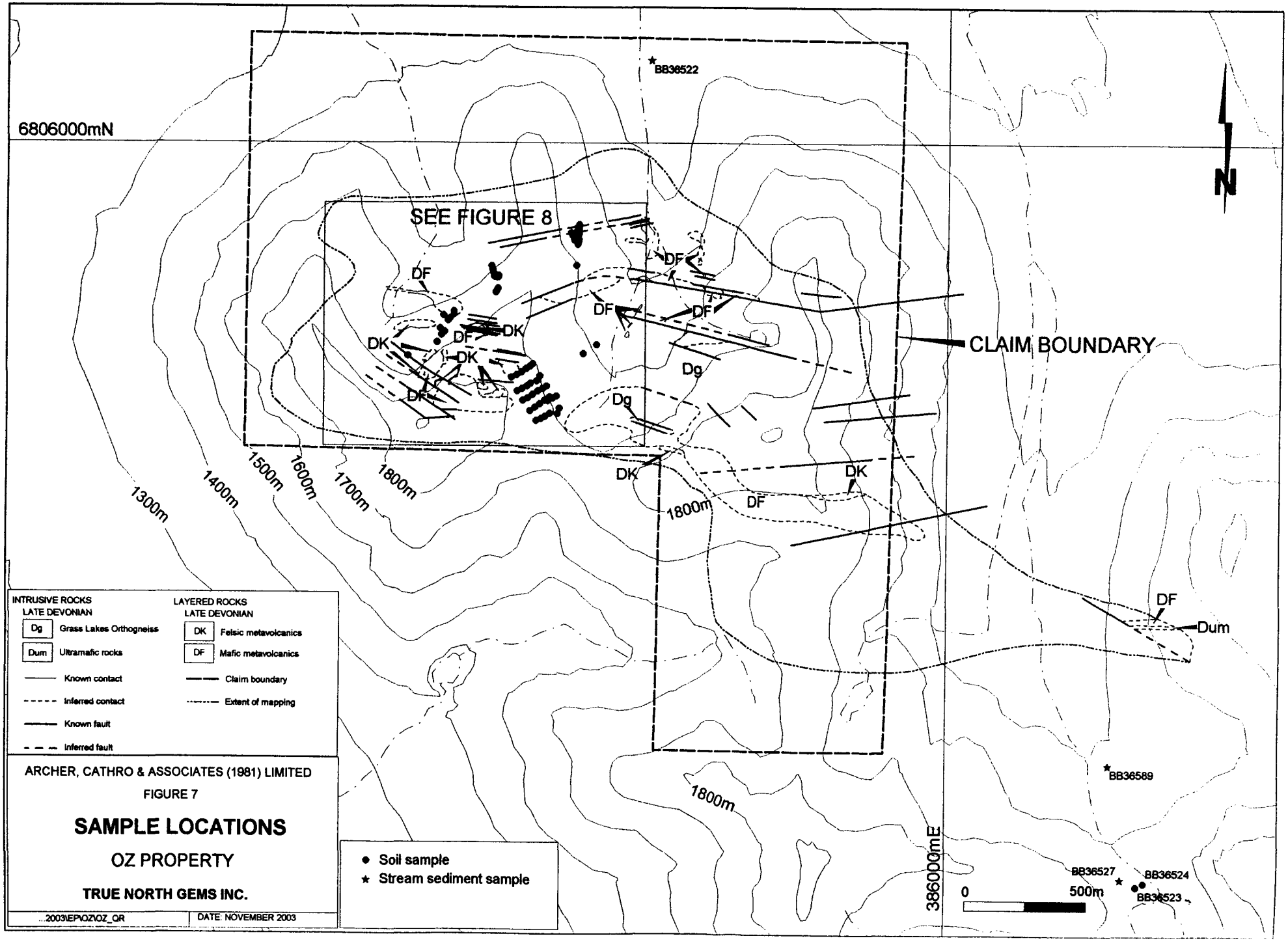
Pan samples weighing approximately 5 kg were collected evenly from the walls of hand pits dug in Zone A. At each site, the soil was coarse screened (< 5 mm), then panned to produce a heavy mineral concentrate. The coarse fraction was saved and examined later. Pan concentrates were dried before being examined under a binocular microscope and ultraviolet light. Pan sampling is a technique that searches for heavier than average, resistate indicator minerals. Two key indicators of emerald are tourmaline and scheelite, both of which are easily concentrated by panning.

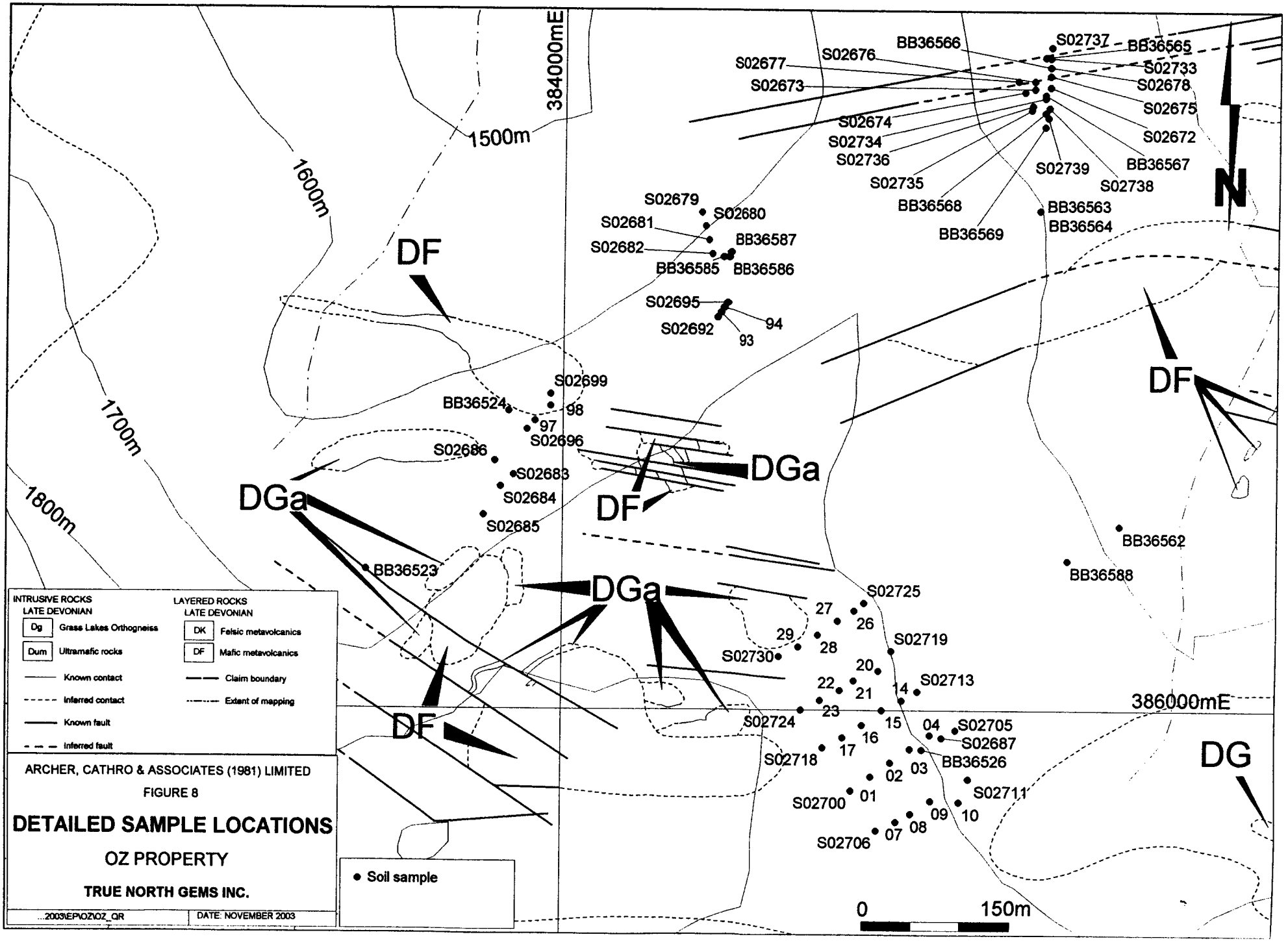
All stream sediment and soil samples were shipped to ALS Chemex in North Vancouver, B.C. At ALS Chemex the samples were dried, screened to -80 mesh and then processed using HF, HNO_3 and $HClO_4$ digestion followed by an HCl leach and a combination of ICP-Mass Spectrometry and ICP-Atomic Emission Spectroscopy analysis. This process is described as near total digestion. The analyses were for a total of 47 elements. Appendix II contains the Certificates of Analysis.

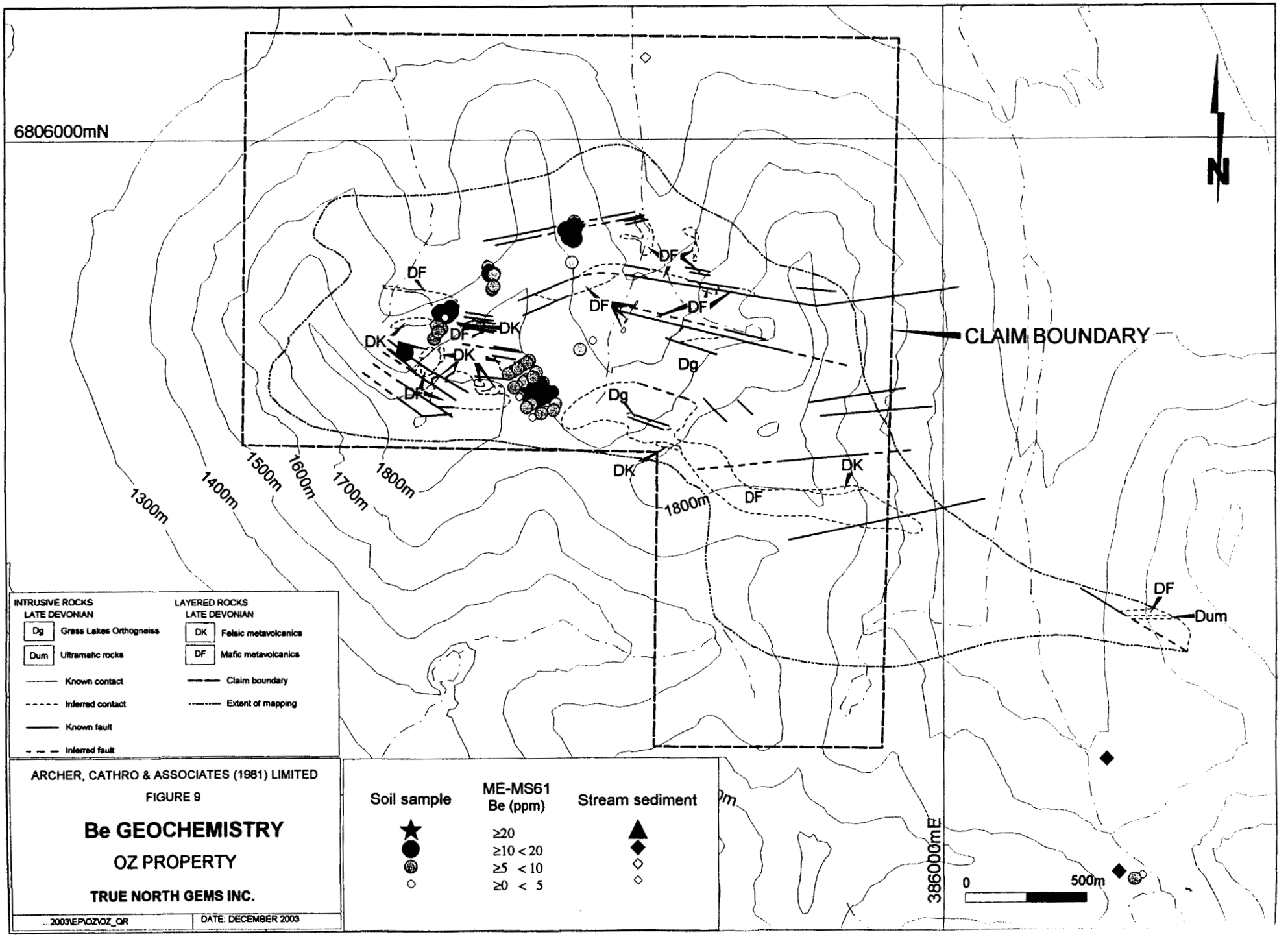
Sample locations are shown on Figure 7 while detailed sample locations are shown on Figure 8. The results are described in the following paragraphs.

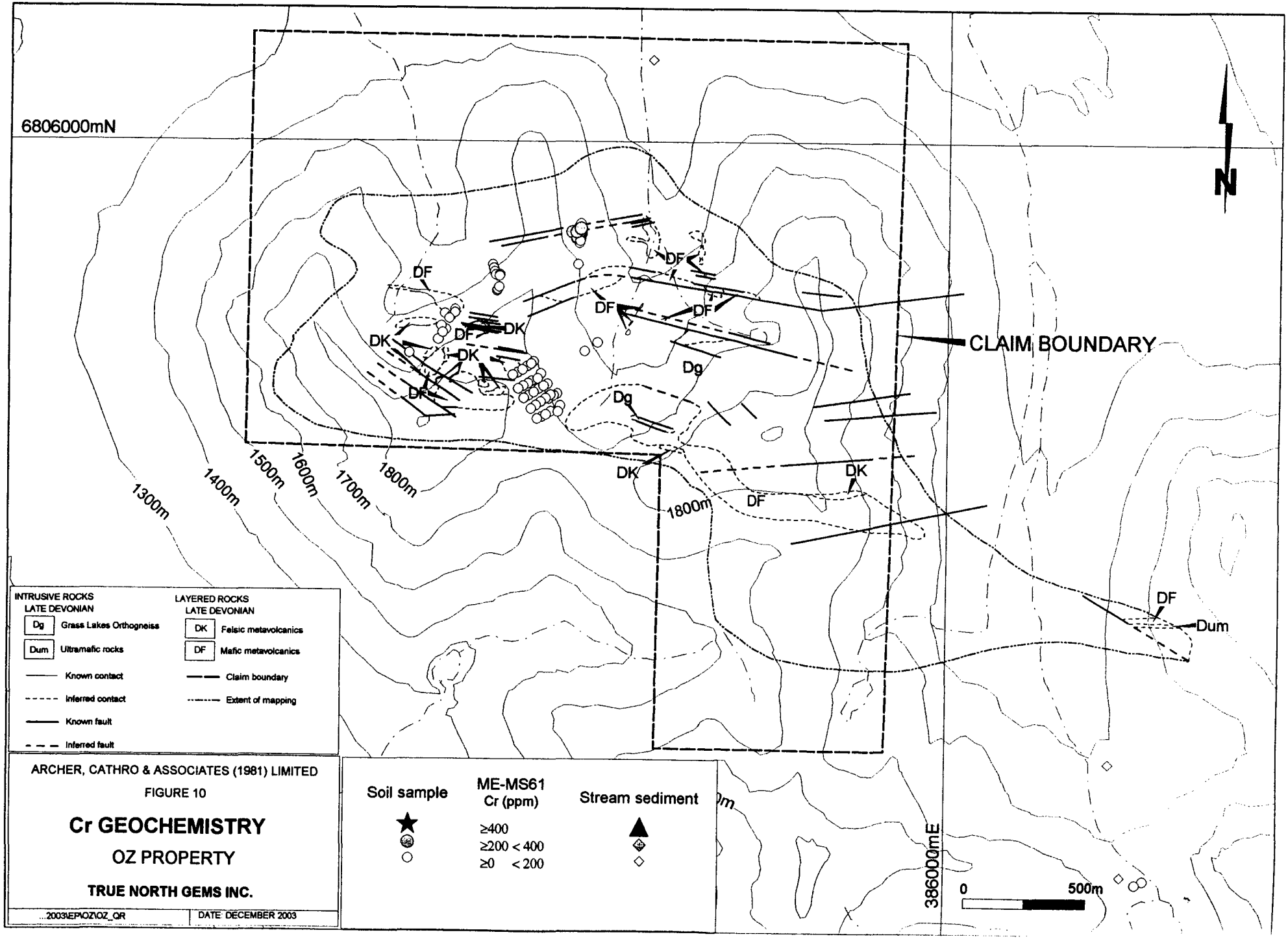
Figures 9 and 10 illustrate beryllium and chromium results for silt fraction stream sediment samples taken from creeks draining the Oz property, and for grid and reconnaissance soil samples. The beryllium values from silt samples are moderately to strongly anomalous, with a peak value of 10.8 ppm. Chromium values from silt samples returned low values to a maximum of 135 ppm.

Most soil samples returned moderately to strongly anomalous values for beryllium using thresholds determined at Regal Ridge. The highest values from soil samples came from the three alteration zones. Twenty-one samples were collected in Zone A. All but three of these samples returned


6806000mN
BB36522
SEE FIGURE 8
CLAIM BOUNDARY
N
DF
DK
Dg
1300m
1400m
1500m
1600m
1700m
1800m
Dum
BB36589
386000mE
BB36527
BB36524
BB36523
0
500m
INTRUSIVE ROCKS
LATE DEVONIAN
Dg Grass Lakes Orthogneiss
Dum Ultramafic rocks
Known contact
Inferred contact
Known fault
Inferred fault
LAYERED ROCKS
LATE DEVONIAN
DK Felsic metavolcanics
DF Mafic metavolcanics
Claim boundary
Extent of mapping
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 7
SAMPLE LOCATIONS
OZ PROPERTY
TRUE NORTH GEMS INC.
...2003\EP\OZ\OZ_QR
DATE: NOVEMBER 2003
Soil sample
Stream sediment sample


384000mE
1500m
1600m
1700m
1800m
DF
DGa
DG
S02737
BB36566
BB36565
S02677
S02676
S02733
S02673
S02678
S02675
S02674
S02734
S02672
S02736
BB36567
S02735
S02739
S02738
BB36568
BB36563
BB36564
BB36569
N
S02679
S02680
S02681
BB36587
S02682
BB36585
BB36586
S02695
94
S02692
93
S02699
BB36524
98
97
S02696
S02686
S02683
S02684
S02685
BB36523
BB36562
BB36588
S02725
27
26
29
28
S02719
S02730
20
22
21
14
S02713
386000mE
23
S02724
15
04
S02705
16
S02687
17
S02718
BB36526
02
03
S02711
S02700
01
09
10
08
07
S02706
0
150m
INTRUSIVE ROCKS
LATE DEVONIAN
Dg Grass Lakes Orthogneiss
Dum Ultramafic rocks
Known contact
Inferred contact
Known fault
Inferred fault
LAYERED ROCKS
LATE DEVONIAN
DK Felsic metavolcanics
DF Mafic metavolcanics
Claim boundary
Extent of mapping
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 8
DETAILED SAMPLE LOCATIONS
OZ PROPERTY
TRUE NORTH GEMS INC.
...2003\EP\OZ\OZ_QR
DATE: NOVEMBER 2003
Soil sample


6806000mN
N
CLAIM BOUNDARY
DF
DK
Dg
Dum
1300m
1400m
1500m
1600m
1700m
1800m
3860000mE
0
500m
INTRUSIVE ROCKS
LATE DEVONIAN
Dg Grass Lakes Orthogneiss
Dum Ultramafic rocks
Known contact
Inferred contact
Known fault
Inferred fault
LAYERED ROCKS
LATE DEVONIAN
DK Felsic metavolcanics
DF Mafic metavolcanics
Claim boundary
Extent of mapping
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 9
Be GEOCHEMISTRY
OZ PROPERTY
TRUE NORTH GEMS INC.
...2003\EP\OZ\OZ_QR
DATE: DECEMBER 2003
Soil sample
ME-MS61
Be (ppm)
≥20
≥10 < 20
≥5 < 10
≥0 < 5
Stream sediment


6806000mN
386000mE
CLAIM BOUNDARY
N
DF
DK
Dg
Dum
1300m
1400m
1500m
1600m
1700m
1800m
0
500m
INTRUSIVE ROCKS
LATE DEVONIAN
Dg Grass Lakes Orthogneiss
Dum Ultramafic rocks
Known contact
Inferred contact
Known fault
Inferred fault
LAYERED ROCKS
LATE DEVONIAN
DK Felsic metavolcanics
DF Mafic metavolcanics
Claim boundary
Extent of mapping
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 10
Cr GEOCHEMISTRY
OZ PROPERTY
TRUE NORTH GEMS INC.
...2003\EP\OZ\OZ_QR
DATE: DECEMBER 2003
Soil sample
ME-MS61
Cr (ppm)
≥400
≥200 < 400
≥0 < 200
Stream sediment

beryllium values over 5 ppm. The highest value on the property (48.4 ppm beryllium) was taken there. The peak beryllium values from Zones B and C were 13.1 ppm and 32.4 ppm, respectively.

Chromium response from soil samples on the Oz claims is weakly to moderately anomalous compared to those from Regal Ridge. The highest chromium value (251 ppm) is from Zone A. Six out of 78 samples taken within the property returned greater than 200 ppm and all are from Zone A.

Figures 11 and 12 illustrate tin and tungsten results for silt fraction stream sediment samples taken from creeks draining the Oz property, and for grid and reconnaissance soil samples. Most of the samples returned strong tin and tungsten geochemical results. Sixty-six out of 78 samples yielded tin values greater than 10 ppm with a peak value of 103.5 ppm. Thirty-five of the samples yielded tungsten values greater than or equal to 30 ppm with a maximum value of 132.5 ppm.

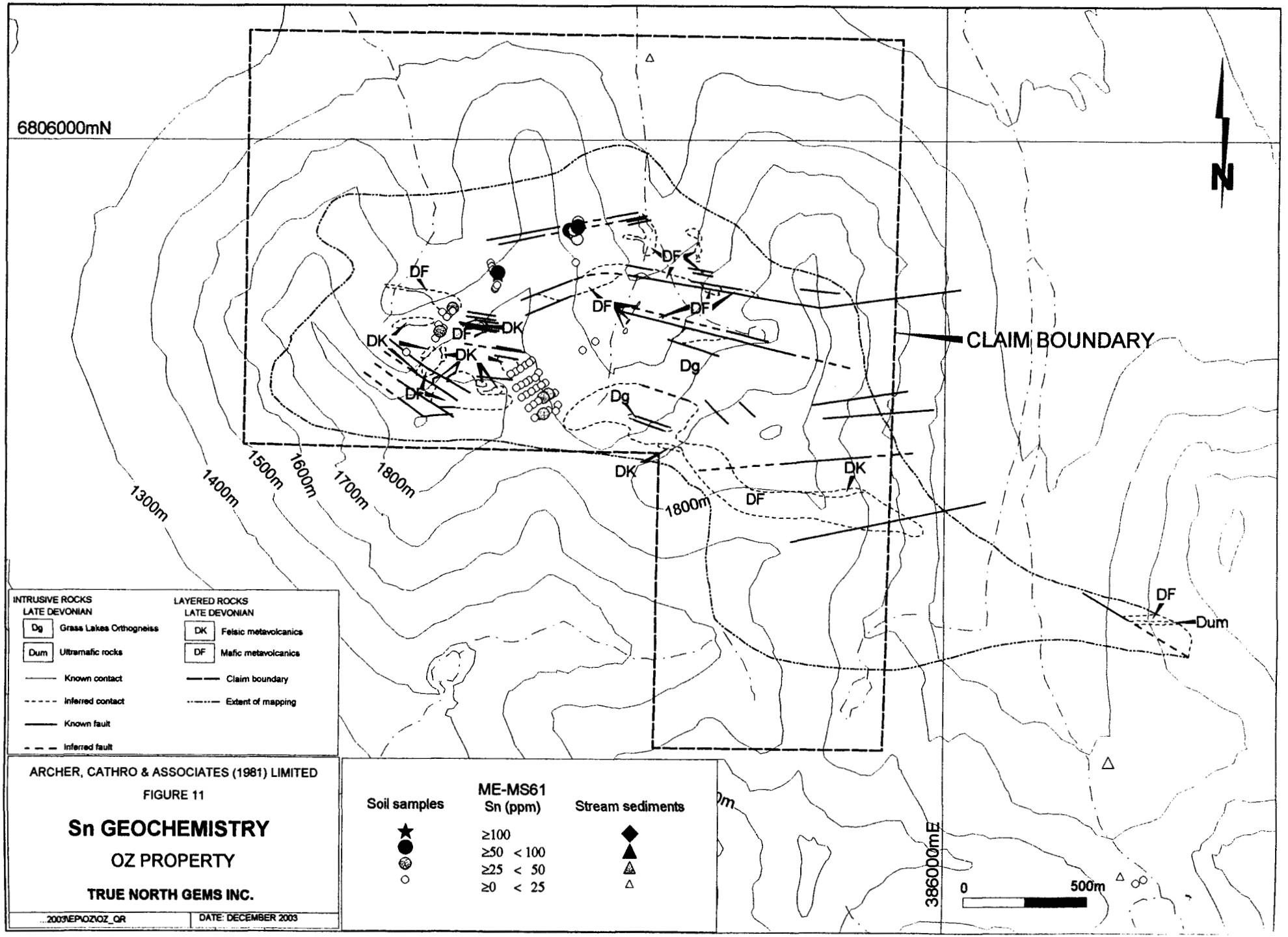
Some anomalous geochemical results were also returned for other metals. At Zone C, two samples returned coincident high silver (4.01 and 6.22 ppm); lead (420 and 534 ppm) and zinc (454 and 504 ppm) values. Three moderately anomalous arsenic values, up to 272 ppm, were present in Zones B and C. A few high molybdenum (545 ppm), lithium (740 ppm) zinc (503 ppm) and copper (473 ppm) values were obtained in Zone A.

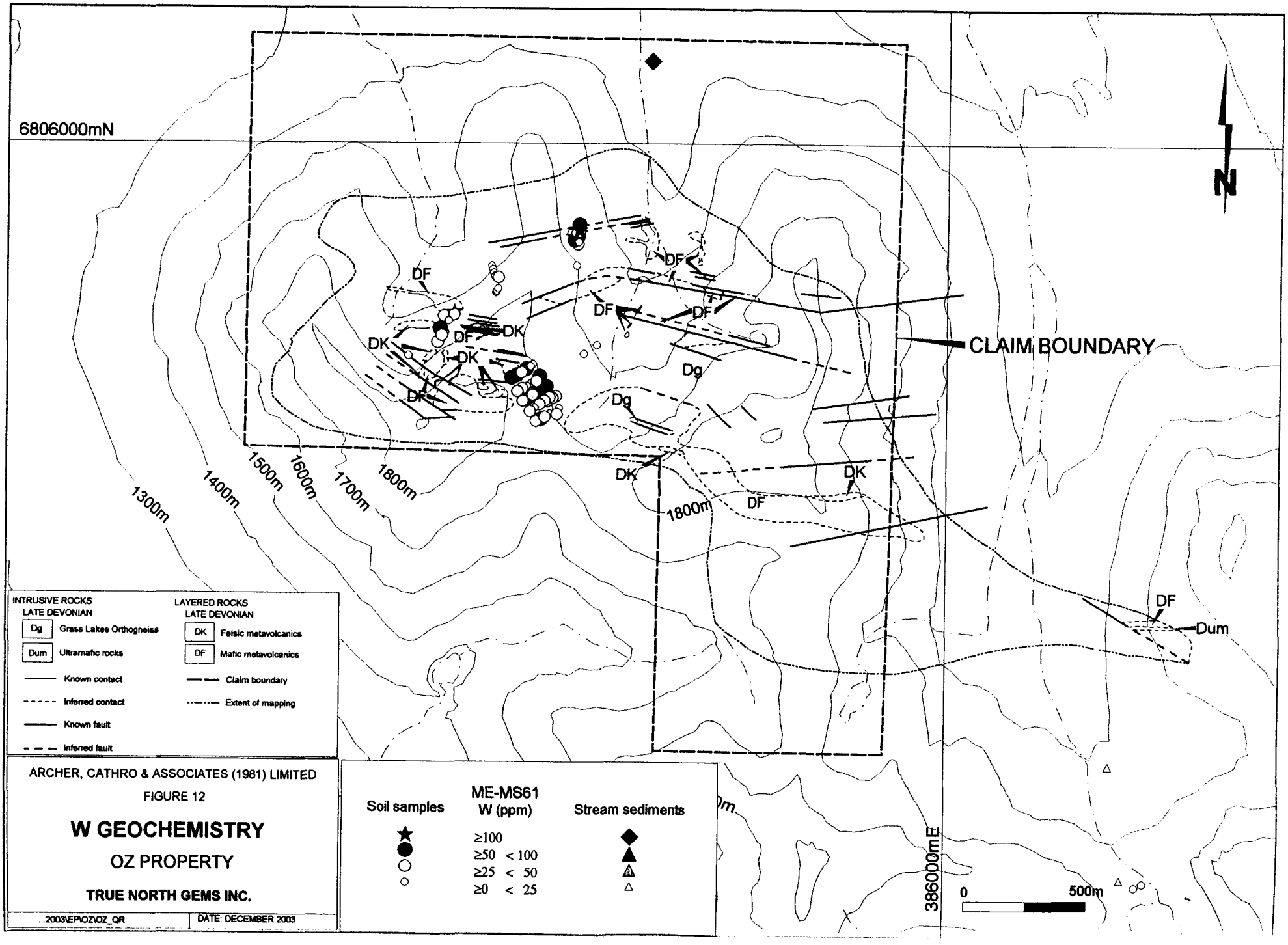
Mineral concentrates, panned from soil taken from 16 hand pits located in Zone A, contained abundant quartz, muscovite, biotite, garnet, tourmaline and schist fragments. Calcite, pyrite, magnetite, actinolite, sericite and scheelite are also common in these concentrates. One sample returned abundant molybdenite and another a minor amount. The anomalous geochemical value for molybdenum, mentioned in the previous paragraph, was taken at the same site as the pan concentrate sample containing abundant molybdenite. Two samples contained several fragments of purple to white fluorite. Tourmaline found within the pan concentrates was often black and opaque; however, transparent light brown to grey, well-formed crystals were common in many of the samples. In general, the pan concentrates with the most tourmaline were obtained from pits dug at soil sample sites that returned high beryllium geochemical values.

Muscovite schist fragments were the dominant component of the coarse fraction of soil from the hand pits dug at Zone A. Augen orthogneiss and quartz vein fragments were also common. Tourmaline, garnet and calcite were present in small quantities. Purple fluorite fragments were found in the coarse fraction from one of the pits where the concentrates contained fluorite. Minor disseminated molybdenite was found on several small quartz vein fragments taken from the pit with the anomalous molybdenum geochemical value.

INTERPRETATION AND CONCLUSIONS

No emerald has yet been discovered on the Oz property. However, exploration to date has been largely reconnaissance in nature and has produced some encouraging results that require detailed follow up. Mapping and prospecting have outlined three areas of interest containing tourmaline, golden muscovite schist and recessive gullies. The tourmaline occurs as radiating aggregates on foliation planes in units DF, DK and altered Dg and more often as individual crystals or patches of tourminalization usually associated with quartz veins cutting across stratigraphy. This geological


6806000mN
386000mE
N
CLAIM BOUNDARY
DF
DK
Dg
Dum
1300m
1400m
1500m
1600m
1700m
1800m
0
500m
INTRUSIVE ROCKS
LATE DEVONIAN
Dg Grass Lakes Orthogneiss
Dum Ultramafic rocks
Known contact
Inferred contact
Known fault
Inferred fault
LAYERED ROCKS
LATE DEVONIAN
DK Felsic metavolcanics
DF Mafic metavolcanics
Claim boundary
Extent of mapping
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 11
Sn GEOCHEMISTRY
OZ PROPERTY
TRUE NORTH GEMS INC.
...2003\EP\OZ\OZ_QR
DATE: DECEMBER 2003
Soil samples
ME-MS61
Sn (ppm)
≥100
≥50 < 100
≥25 < 50
≥0 < 25
Stream sediments


6806000mN
386000mE
CLAIM BOUNDARY
N
1300m
1400m
1500m
1600m
1700m
1800m
DF
DK
Dg
Dum
0
500m
INTRUSIVE ROCKS
LATE DEVONIAN
Dg Grass Lakes Orthogneiss
Dum Ultramafic rocks
Known contact
Inferred contact
Known fault
Inferred fault
LAYERED ROCKS
LATE DEVONIAN
DK Felsic metavolcanics
DF Mafic metavolcanics
Claim boundary
Extent of mapping
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 12
W GEOCHEMISTRY
OZ PROPERTY
TRUE NORTH GEMS INC.
..2003\EP\OZ\OZ_QR
DATE: DECEMBER 2003
Soil samples
ME-MS61
W (ppm)
≥100
≥50 < 100
≥25 < 50
≥0 < 25
Stream sediments

setting and alteration signature is generally similar to features found at the Regal Ridge emerald prospect, except that there is relatively little unit DF or Dum at the Oz property.

Soil geochemistry has shown that all three zones are enriched in beryllium but are only weakly to moderately anomalous for chromium. Although the beryllium values are favorable for the formation of beryl, it is uncertain whether sufficient chromium is present to form emerald.

Soil geochemistry also returned anomalous silver, tin, tungsten, lead, arsenic, copper, molybdenite, lithium and zinc values. These are likely related to widespread veining.

The geological setting and the geochemical signature of Zone A is the most favourable for emerald formation located to date and future work should be concentrated within this zone.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

B. Wengzynowski

William A. Wengzynowski, P.Eng.

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APPENDIX I

CERTIFICATE OF AUTHOR

STATEMENT OF QUALIFICATIONS

I, William A. Wengzynowski, geological engineer, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Garibaldi Highlands, British Columbia, do hereby certify that:

1. I am President of Archer, Cathro & Associates (1981) Limited.

2. I graduated from the University of British Columbia in 1993 with a B.A.Sc in Geological Engineering, Option l, mineral and fuel exploration.

3. I registered as a Professional Engineer in the Province of British Columbia on December 12, 1998 (Licence Number 24119).

4. From 1983 to present, I have been actively engaged in mineral exploration in the Yukon Territory, Northwest Territories and northern British Columbia.

5. I have personally participated in and supervised the fieldwork reported herein.

B. Wengzynowski

William A. Wengzynowski, P. Eng.

APPENDIX II

CERTIFICATES OF ANALYSIS

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

: EP
C/O ARCHER CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE VA03051047

Project : EP/OZ

P.O. No:

This report is for 36 PULP samples submitted to our lab in North Vancouver, BC, Canada on 26-Nov-2003.

The following have access to data associated with this certificate:

AL ARCHER JOAN MARIACHER	ROB CARNE BILL WENGZYNOWSKI	DOUG EATON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

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

Date : 5-Dec-2003
Account: EMP

Project : EP/OZ

CERTIFICATE OF ANALYSIS VA03051047

Sample Description	Method Analyte Units LOR	Au-ICP21 Au ppm 0.001	Au-ICP21 WT. SAMP g 0.01
BB36524		0.002	15.04
BB36566		0.007	15.08
BB36568		0.007	15.03
BB36569		0.007	15.06

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: EP
C/O ARCHER CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

: 5-Dec-2003
Account: EMP

CERTIFICATE VA03051045

Project : EP/OZ

P.O. No:

This report is for 61 PULP samples submitted to our lab in North Vancouver, BC, Canada on 26-Nov-2003.

The following have access to data associated with this certificate:

AL ARCHER JOAN MARIACHER	ROB CARNE BILL WENGZYNOWSKI	DOUG EATON

SAMPLE PREPARATION

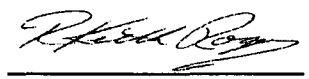
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
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To: EP
C/O ARCHER CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Date : 5-Dec-2003
Account: EMP

Project : EP/OZ

CERTIFICATE OF ANALYSIS VA03051045

Sample Description	Method Analyte Units LOR	Au-ICP21 Au ppm 0.001	Au-ICP21 WT. SAMP g 0.01
S02674		0.008	15.05
S02675		0.009	15.08
S02676		0.009	15.06
S02677		0.009	15.03
S02680		0.003	15.03
S02681		0.003	15.09
S02682		0.004	15.03
S02695		0.003	15.11
S02700		0.005	15.03
S02701		0.005	15.11
S02713		0.003	15.07
S02714		0.002	15.05
S02720		0.021	15.10
S02721		0.020	15.06
S02722		0.025	15.01
S02723		0.020	15.02
S02729		0.025	10.14
S02730		0.019	15.07
S02738		0.008	15.04
S02739		0.011	15.15

ALS Chemex
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To: EP
C/O ARCHER CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE VA03027932

Project : Finlayson

P.O. No:

This report is for 36 SOIL samples submitted to our lab in North Vancouver, BC, Canada on 29-Jul-2003.

The following have access to data associated with this certificate:

AL ARCHER JOAN MARIACHER	ROB CARNE BILL WENGZYNOWSKI	DOUG EATON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	47 element four acid ICP-MS

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

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

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

Date : 7-Aug-2003
Account: EMP

Project : Finlayson

CERTIFICATE OF ANALYSIS VA03027932

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
BB36522		0.24	0.21	8.60	10.8	690	8.78	3.05	0.85	1.42	282	30.9	39	41.6	42.7	5.51
BB36523	02	0.42	0.22	14.10	7.5	1740	10.25	0.85	0.31	0.56	255	33.6	87	65.2	60.2	6.98
BB36524		0.36	0.08	12.90	272	1050	10.15	0.90	0.46	0.19	268	42.3	100	109.5	79.0	8.20
BB36525		0.40	0.27	7.45	56.2	720	7.84	0.51	1.56	1.24	83.6	36.9	75	18.80	147.0	5.10
BB36526		0.48	0.44	11.10	19.3	880	8.83	9.43	0.94	0.35	151.0	21.7	84	34.9	59.4	6.79
BB36527		0.42	0.23	9.96	17.9	670	10.10	2.16	0.84	0.57	323	34.6	135	73.5	48.7	5.55
BB36562		0.20	0.16	7.35	6.4	750	3.07	2.03	1.06	0.10	85.3	6.7	24	18.55	20.1	2.52
BB36563		0.30	0.17	9.53	8.7	730	3.73	4.14	2.04	0.18	142.5	12.2	21	22.0	24.1	3.17
BB36564		0.32	0.20	12.25	9.7	1070	6.46	6.04	0.39	0.05	220	18.8	50	55.3	44.4	6.10
BB36565		0.46	0.42	10.55	7.4	770	5.71	5.62	1.00	0.41	325	27.2	45	54.5	53.8	5.64
BB36566		0.38	0.51	8.36	51.7	480	48.4	28.5	3.50	1.65	79.1	113.0	219	89.6	323	9.69
BB36567	02	0.34	0.21	10.15	8.5	920	8.01	6.96	1.22	0.64	293	81.9	190	78.8	173.5	8.62
BB36568		0.30	0.68	11.20	14.3	730	7.51	19.35	0.57	0.57	366	28.9	63	60.9	82.0	7.09
BB36569		0.38	0.59	8.77	10.4	750	8.86	13.65	0.96	0.48	291	33.4	68	64.6	82.1	5.74
BB36570		0.32	0.17	6.35	64.6	980	1.96	0.46	1.79	0.43	66.2	14.0	50	9.54	42.6	3.05
BB36571		0.24	0.13	6.69	15.7	770	2.33	0.27	1.34	0.38	115.0	18.2	81	8.18	31.3	4.57
BB36572		0.24	0.10	6.82	22.2	890	2.27	0.36	1.27	0.42	106.5	17.1	81	12.90	29.9	4.32
BB36573		0.32	0.22	8.49	26.7	690	4.25	0.58	1.20	0.47	>500	113.5	81	32.4	87.1	5.71
BB36574		0.26	0.18	8.28	53.5	900	3.38	0.47	0.90	0.17	175.5	35.9	75	15.85	93.6	5.08
BB36575		0.30	0.12	9.71	17.6	820	4.12	0.52	0.88	0.19	170.5	33.6	73	23.9	73.3	5.58
BB36576		0.32	0.25	9.75	26.8	820	4.97	0.50	0.73	0.18	249	76.4	86	33.8	92.7	5.62
BB36577		0.26	0.31	7.26	17.9	510	5.36	4.75	2.62	0.30	153.5	52.2	97	44.0	136.0	6.40
BB36578		0.18	0.56	6.36	48.8	620	5.99	1.82	2.29	0.34	167.5	37.9	69	33.9	114.5	5.39
BB36579		0.28	0.13	8.46	18.9	720	6.14	2.67	1.86	0.25	133.0	36.0	61	33.9	51.0	5.18
BB36580		0.38	1.39	10.10	446	750	4.13	4.94	1.10	0.76	159.0	38.3	74	25.7	250	8.74
BB36581		0.34	0.09	10.20	42.6	970	3.00	1.29	1.77	0.26	115.5	27.0	80	18.95	50.8	6.42
BB36582		0.30	0.16	10.55	21.0	810	3.56	0.93	1.36	0.24	167.5	42.4	88	24.2	72.6	6.53
BB36583		0.28	0.07	7.81	35.9	850	3.42	0.78	1.07	0.21	107.0	28.3	78	17.35	47.6	5.44
BB36584		0.30	0.09	8.33	42.0	910	3.36	0.93	0.96	0.16	148.5	40.6	77	17.85	64.4	4.69
BB36585		0.36	0.14	12.95	24.5	770	5.91	3.35	0.47	0.13	304	54.9	66	63.7	81.4	7.61
BB36586		0.32	0.15	13.65	13.4	890	8.45	1.08	0.43	<0.02	286	57.3	83	91.1	80.2	8.35
BB36587		0.28	0.15	12.85	54.0	720	7.73	1.28	0.34	<0.02	268	160.0	88	81.5	126.0	9.29
BB36588	02	0.26	0.58	10.20	18.9	660	5.81	6.99	0.74	0.47	216	22.1	48	118.5	54.4	4.82
BB36589		0.32	0.23	11.50	28.2	380	10.80	2.88	0.92	0.26	167.5	9.1	11	113.5	15.6	3.81
BB36590		0.40	0.14	10.40	11.8	700	8.08	0.70	0.64	0.58	347	46.8	59	47.7	56.4	6.71
BB36591		0.30	0.14	8.94	9.1	800	3.79	0.54	0.59	0.12	237	20.3	63	48.6	133.5	5.67

Comments: REE's may not be totally soluble in MS61 method.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218

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

Date : 7-Aug-2003
Account: EMP

Project : Finlayson

CERTIFICATE OF ANALYSIS VA03027932

Sample Description	Method Analyte Units LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
BB36522		29.7	0.45	0.5	0.094	3.43	193.5	128.5	0.88	1145	3.49	0.97	21.0	70.3	1590	43.3
BB36523	02	45.9	0.41	0.3	0.132	4.52	146.5	161.0	1.18	1040	4.90	0.54	3.7	69.7	860	52.0
BB36524		40.7	0.44	0.3	0.126	4.17	132.5	150.0	1.49	1165	1.52	0.49	13.0	62.7	1460	33.3
BB36525		20.0	0.25	1.0	0.093	1.65	40.5	78.7	1.73	1135	1.26	1.29	8.8	59.4	900	18.3
BB36526		30.2	0.31	0.7	0.106	3.57	82.3	124.0	1.30	1100	3.02	0.88	5.6	49.1	1200	38.4
BB36527		37.5	0.51	0.9	0.126	3.31	181.5	234	2.03	1450	1.94	0.58	26.2	158.5	1390	46.9
BB36562		24.8	0.24	0.5	0.062	2.37	46.3	40.1	0.53	345	4.51	1.57	9.8	11.3	1020	22.2
BB36563		29.2	0.31	2.8	0.071	2.71	89.6	60.3	0.99	493	2.42	1.92	14.2	16.8	980	24.3
BB36564		43.8	0.39	0.6	0.153	4.93	111.0	165.5	0.96	981	2.85	0.85	24.8	29.3	1280	48.6
BB36565		36.9	0.43	1.7	0.128	3.78	122.5	123.5	1.19	1235	4.02	1.41	24.3	59.2	1290	72.4
BB36566		35.8	0.34	0.8	0.192	2.27	36.8	319	4.30	1960	53.2	0.91	28.3	345	1410	24.5
BB36567	02	36.8	0.37	0.4	0.131	3.51	94.1	224	3.35	1225	13.70	0.74	14.0	248	1430	30.7
BB36568		40.7	0.50	0.8	0.155	4.28	160.0	134.0	1.18	1320	9.18	1.06	27.1	62.3	1320	87.5
BB36569		33.0	0.36	1.2	0.128	3.39	101.5	142.5	1.34	1125	14.05	1.08	16.9	73.7	1430	69.2
BB36570		16.90	0.23	0.3	0.070	1.94	32.0	42.6	1.14	545	1.14	1.41	8.9	34.1	900	17.3
BB36571		19.00	0.22	0.7	0.064	1.53	39.3	56.1	1.41	606	1.32	1.08	10.0	54.4	1290	15.9
BB36572		21.7	0.27	1.0	0.063	1.81	40.9	60.4	1.28	588	1.44	1.13	11.0	50.0	830	19.9
BB36573		26.3	0.43	0.8	0.087	2.02	121.0	123.5	1.42	2070	1.42	0.74	15.8	273	1180	35.1
BB36574		24.4	0.40	0.9	0.071	1.99	161.5	86.7	1.25	1165	1.59	1.10	14.2	70.2	1160	26.3
BB36575		27.3	0.36	1.1	0.087	2.30	92.1	116.0	1.36	1485	1.13	1.05	3.0	83.4	1040	30.7
BB36576		30.5	0.41	1.0	0.103	2.60	99.2	118.5	1.29	1225	1.18	0.86	8.3	132.0	890	37.0
BB36577		23.3	0.49	0.8	0.081	1.68	145.0	122.0	1.91	1270	0.91	0.76	17.0	147.0	1110	24.6
BB36578		22.1	0.43	0.7	0.081	1.64	134.5	125.5	1.22	1425	1.04	0.59	13.8	94.2	1800	29.3
BB36579		26.3	0.29	1.1	0.092	2.04	51.4	116.5	1.30	1105	1.19	0.81	19.4	115.0	870	23.1
BB36580		28.7	0.37	1.3	0.104	2.77	89.1	118.5	1.15	2070	0.91	1.05	18.0	67.8	990	107.5
BB36581		24.5	0.19	0.9	0.094	2.56	52.8	96.8	1.80	1475	0.99	1.26	4.0	66.2	1460	22.8
BB36582		28.1	0.26	1.0	0.093	2.57	80.2	113.5	1.57	1280	0.83	1.03	13.2	114.5	1270	35.0
BB36583		23.4	0.19	1.3	0.080	1.94	51.6	81.8	1.43	809	1.44	1.05	5.8	70.9	920	24.0
BB36584		22.4	0.20	1.5	0.079	2.25	65.7	67.6	1.13	1040	1.06	1.16	3.1	87.5	920	24.8
BB36585		39.1	0.40	0.5	0.129	4.28	145.0	181.0	1.27	1405	3.32	0.64	18.4	102.0	1130	35.9
BB36586		47.5	0.38	0.3	0.300	4.97	130.0	273	1.30	1410	1.60	0.45	25.8	89.4	1430	31.0
BB36587	02	42.7	0.39	0.3	0.205	4.12	121.0	241	1.30	2020	1.53	0.45	22.1	150.5	1440	35.9
BB36588		36.8	0.40	1.0	0.122	3.23	153.5	128.5	0.89	927	18.60	0.60	16.4	45.1	1420	57.8
BB36589		43.3	0.38	1.4	0.177	4.23	141.5	220	0.65	814	2.89	0.85	25.6	10.0	1020	48.3
BB36590		30.4	0.51	1.0	0.122	2.91	200	120.5	1.00	1205	2.77	0.69	18.6	81.9	1950	28.9
BB36591		26.2	0.34	1.5	0.098	2.72	106.0	80.3	1.07	621	2.79	0.85	21.0	54.9	2210	32.7

Comments: REE's may not be totally soluble in MS61 method.

ALS Chemex

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

Date : 7-Aug-2003
Account: EMP

Project : Finlayson

CERTIFICATE OF ANALYSIS VA03027932

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.01	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
BB36522		279	0.006	0.05	0.26	3	15.9	123.0	0.97	0.07	51.0	0.48	1.24	14.2	86	104.5
BB36523		358	0.005	0.05	0.09	2	10.9	165.5	0.07	<0.05	38.0	0.50	1.60	7.4	191	5.7
BB36524		312	0.005	0.05	0.12	1	11.5	136.5	0.19	0.06	38.0	0.67	1.48	5.7	165	33.1
BB36525		120.0	0.004	0.02	0.79	1	7.0	176.5	0.24	<0.05	11.6	0.50	0.69	2.9	151	43.9
BB36526		259	0.004	0.05	0.19	1	18.4	150.0	0.07	0.13	26.3	0.54	0.97	6.1	147	26.9
BB36527		358	0.006	0.03	0.25	4	14.1	98.1	1.56	0.06	75.1	0.52	1.75	95.5	101	9.7
BB36562		134.0	0.005	0.05	0.61	1	10.5	307	0.12	0.06	12.2	0.35	0.67	3.1	79	12.3
BB36563		198.5	0.003	0.03	0.46	2	7.9	521	0.89	0.08	32.2	0.35	0.80	6.5	86	6.9
BB36564		440	0.004	0.08	0.22	2	20.3	121.5	1.16	0.14	45.6	0.39	1.88	15.8	122	17.3
BB36565		299	0.004	0.06	0.44	3	11.9	251	1.23	0.17	72.0	0.50	1.28	11.8	109	20.4
BB36566		381	0.007	0.06	0.28	2	65.7	152.5	0.94	0.28	10.1	0.81	2.06	3.4	199	132.5
BB36567		260	0.006	0.06	0.13	3	14.8	142.0	0.33	0.14	29.8	0.77	1.32	7.2	204	82.9
BB36568		364	0.006	0.15	0.33	4	18.4	123.5	1.44	0.43	76.4	0.51	1.66	22.7	118	17.4
BB36569		328	0.004	0.10	0.48	3	23.6	131.5	0.39	0.30	71.0	0.56	1.57	15.0	125	32.2
BB36570		136.5	0.004	0.02	1.09	1	5.5	189.5	0.12	<0.05	10.3	0.34	0.69	4.3	114	3.4
BB36571		83.6	0.003	0.04	0.58	1	2.5	166.5	0.21	<0.05	12.2	0.62	0.47	2.8	136	2.2
BB36572		128.0	0.005	0.03	0.77	1	3.0	206	0.15	<0.05	12.9	0.51	0.61	2.7	135	3.1
BB36573		126.0	0.005	0.05	0.48	2	2.9	235	0.58	0.06	27.2	0.52	0.66	4.2	123	4.0
BB36574		138.0	0.004	0.04	0.52	2	3.1	197.0	0.34	0.06	18.6	0.50	0.65	5.1	138	3.3
BB36575		146.5	0.003	0.04	0.28	1	3.2	213	0.09	<0.05	19.0	0.50	0.68	4.2	142	0.6
BB36576		145.0	0.005	0.03	0.32	1	3.6	200	0.10	0.05	21.3	0.48	0.72	4.5	156	2.3
BB36577		120.5	0.004	0.08	0.55	2	4.0	428	0.77	0.13	19.0	0.49	0.72	4.8	119	6.6
BB36578		134.0	0.005	0.14	0.59	3	5.1	319	0.51	0.08	19.6	0.38	0.80	4.6	107	4.0
BB36579		127.0	0.005	0.06	0.90	1	14.0	564	0.80	0.06	15.0	0.42	0.66	3.1	110	13.7
BB36580		185.5	0.003	0.10	0.34	2	20.0	359	0.85	0.15	18.6	0.52	1.04	3.6	122	21.8
BB36581		141.5	0.003	0.03	0.21	1	6.8	435	0.08	<0.05	13.9	0.66	0.64	2.9	155	0.8
BB36582		161.5	0.003	0.04	0.33	2	5.9	443	0.20	<0.05	19.4	0.52	0.84	3.9	156	2.2
BB36583		131.0	0.004	0.04	0.33	1	4.4	175.5	0.10	<0.05	13.0	0.58	0.64	2.7	165	0.9
BB36584		130.0	0.003	0.03	0.34	1	3.4	190.5	0.06	<0.05	15.4	0.48	0.66	3.3	139	0.4
BB36585		368	0.004	0.03	0.16	2	10.8	121.0	0.51	0.13	51.6	0.50	1.44	13.6	132	13.2
BB36586		460	0.003	0.07	0.17	2	103.5	97.1	1.30	<0.05	51.1	0.59	1.73	9.9	145	26.0
BB36587		372	0.004	0.08	0.15	2	59.9	96.6	1.04	0.05	46.6	0.53	1.52	8.6	149	18.5
BB36588		321	0.004	0.10	0.50	3	15.5	138.0	0.78	0.18	49.3	0.35	1.50	9.4	116	15.6
BB36589		630	0.004	0.05	0.41	4	26.3	149.0	2.10	<0.05	68.5	0.31	2.82	164.5	62	10.8
BB36590		207	0.005	0.07	0.31	4	10.9	126.0	0.65	<0.05	49.7	0.57	0.95	56.2	128	4.2
BB36591		160.5	0.003	0.07	0.64	3	4.8	133.0	0.91	<0.05	29.0	0.52	0.83	16.4	133	3.7

Comments: REE's may not be totally soluble in MS61 method.

ALS Chemex

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

Date : 7-Aug-2003
Account: EMP

Project : Finlayson

CERTIFICATE OF ANALYSIS VA03027932

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
BB36522		77.8	244	10.6
BB36523		31.9	198	6.7
BB36524		30.0	144	6.5
BB36525		24.1	225	29.1
BB36526		26.9	190	18.2
BB36527		84.7	281	24.2
BB36562		15.9	69	15.1
BB36563		37.9	96	91.2
BB36564		46.3	120	13.2
BB36565		62.0	165	51.5
BB36566		42.0	503	20.7
BB36567		32.6	280	8.2
BB36568		74.9	203	16.9
BB36569		52.2	199	32.1
BB36570		17.8	90	8.4
BB36571		18.0	96	24.9
BB36572		16.5	100	34.1
BB36573		28.5	253	23.4
BB36574		27.4	124	28.9
BB36575		21.2	183	33.5
BB36576		20.2	205	27.7
BB36577		49.5	160	20.1
BB36578		46.8	115	20.4
BB36579		26.0	151	34.2
BB36580		30.1	226	40.3
BB36581		20.6	158	26.5
BB36582		23.8	174	29.3
BB36583		15.5	130	38.3
BB36584		16.8	139	47.8
BB36585		47.7	207	11.2
BB36586		38.3	201	5.8
BB36587		39.4	301	4.7
BB36588		51.7	150	28.8
BB36589		93.2	192	37.6
BB36590		112.0	482	24.4
BB36591		38.0	146	51.4

Comments: REE's may not be totally soluble in MS61 method.

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To: EP
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CERTIFICATE VA03037722

Project : OZ

P.O. No:

This report is for 61 SOIL samples submitted to our lab in North Vancouver, BC, Canada on 24-Sep-2003.

The following have access to data associated with this certificate:

AL ARCHER JOAN MARIACHER	ROB CARNE BILL WENGZYNOWSKI	DOUG EATON

SAMPLE PREPARATION

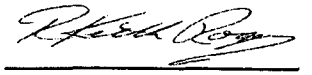
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	47 element four acid ICP-MS

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

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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Date : 1-Oct-2003
Account: EMP

Project : OZ

CERTIFICATE OF ANALYSIS VA03037722

Sample Description	Method	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
S02672		0.50	0.24	10.25	6.1	900	6.14	5.16	1.42	0.53	242	78.9	203	70.7	175.5	8.65
S02673		0.48	0.36	10.15	8.5	730	12.70	7.82	1.46	0.79	222	65.7	171	76.2	151.0	8.70
S02674		0.56	0.64	6.11	9.5	290	8.25	24.1	1.68	2.15	96.1	84.1	129	16.65	473	17.60
S02675		0.80	0.49	7.17	34.5	480	31.7	17.85	4.56	1.70	69.4	85.9	223	108.5	313	9.66
S02676		0.66	0.46	7.48	25.5	430	35.8	19.30	3.93	1.46	85.5	99.5	228	112.0	306	9.27
S02677		0.68	0.38	8.35	16.3	500	11.30	18.25	1.14	0.95	117.5	111.0	251	145.0	347	11.80
S02678		0.66	0.18	10.90	8.5	660	10.95	2.98	1.05	0.55	191.0	58.3	110	70.1	136.5	7.60
S02679		0.56	0.24	10.90	18.0	970	4.37	1.14	1.03	0.31	236	65.1	110	46.0	157.0	7.39
S02680		0.44	0.39	10.05	1.9	510	5.40	2.71	2.15	1.29	217	89.8	67	51.1	304	9.96
S02681		0.38	0.33	12.15	27.5	540	8.55	1.58	1.80	1.39	183.0	95.6	103	90.1	219	9.50
S02682		0.42	0.29	10.40	176.0	800	10.25	2.09	1.39	0.98	180.5	100.5	94	44.8	195.0	7.83
S02683		0.42	0.18	13.35	27.1	1060	6.48	0.77	0.74	1.82	284	80.7	85	79.3	78.1	6.64
S02684		0.38	0.34	12.00	11.5	660	8.16	5.38	0.71	0.26	251	22.2	42	36.8	40.7	5.54
S02685		0.36	0.38	10.65	9.7	760	6.56	9.06	0.78	0.52	198.5	18.7	44	38.7	40.2	4.53
S02686		0.38	0.30	10.15	9.6	700	8.05	11.15	0.54	0.39	210	15.8	47	38.9	36.7	4.64
S02687		0.30	0.55	10.10	22.4	710	12.50	6.36	1.77	0.46	155.5	27.9	87	41.1	64.3	7.18
S02692		0.26	0.18	13.15	10.5	830	6.82	0.66	0.51	0.12	248	149.5	92	75.3	150.5	8.08
S02693		0.26	0.15	13.20	18.4	790	5.23	1.16	0.44	0.06	245	53.0	87	62.1	103.5	7.84
S02694		0.28	0.26	10.70	33.2	830	4.63	1.06	0.87	0.32	208	65.3	145	54.4	185.0	8.37
S02695		0.38	0.29	11.10	55.5	880	6.10	1.35	0.97	0.48	257	85.7	124	62.2	313	8.40
S02696		0.30	0.14	15.15	45.0	1140	4.50	0.45	0.50	0.11	233	61.3	96	84.9	71.5	7.97
S02697		0.32	0.70	6.83	13.6	1230	12.30	1.05	7.90	1.98	99.3	51.1	68	37.6	172.0	7.95
S02698		0.32	0.34	7.64	15.3	1000	13.10	0.68	3.26	2.62	60.2	25.1	28	19.00	84.0	4.73
S02699		0.30	0.21	9.94	11.0	590	10.40	6.19	1.19	0.52	241	23.4	46	57.4	52.2	5.43
S02700		0.32	0.32	12.25	24.3	850	6.28	14.75	0.46	0.20	182.0	21.9	85	46.8	59.6	7.00
S02701		0.40	0.35	11.85	15.3	850	5.89	12.50	0.56	0.19	187.5	22.6	75	38.6	48.1	7.14
S02702		0.44	0.80	10.00	18.4	740	21.9	8.23	1.83	1.25	171.0	32.0	83	45.6	82.3	7.38
S02703		0.42	0.67	9.65	32.9	740	18.60	6.97	2.71	1.76	171.5	39.7	89	42.0	104.5	8.23
S02704		0.44	0.57	10.50	26.7	790	14.35	6.87	1.71	0.76	178.0	28.8	82	41.4	74.2	6.96
S02705		0.38	0.34	10.60	15.9	740	8.55	6.36	1.69	0.41	180.5	25.4	77	35.6	63.5	7.38
S02706		0.30	0.41	7.97	35.0	710	3.60	6.07	0.69	0.49	108.5	11.3	48	23.0	20.7	4.19
S02707		0.24	0.19	7.45	12.0	640	2.66	3.87	1.01	0.40	72.6	8.2	27	18.80	18.8	3.57
S02708		0.36	0.40	9.86	12.9	650	5.30	5.09	0.52	0.36	105.0	9.0	35	52.1	16.3	3.92
S02709		0.38	0.14	10.95	11.9	910	4.46	1.50	0.68	0.16	151.5	24.2	86	43.6	40.2	5.36
S02710		0.40	0.26	11.85	11.8	850	6.14	2.56	0.56	0.20	180.0	43.5	91	47.3	70.0	6.11
S02711		0.34	0.12	11.20	8.8	800	5.46	2.61	0.60	0.13	180.5	30.2	80	43.6	47.3	5.48
S02713		0.32	0.97	9.04	104.0	720	9.20	3.53	1.61	0.43	133.0	24.3	51	36.4	59.5	5.45
S02714		0.36	0.39	10.25	63.5	770	10.95	3.59	0.96	0.35	185.0	26.4	64	48.8	50.2	5.57
S02715		0.40	0.29	10.50	27.2	830	8.98	2.71	0.70	0.27	219	21.6	62	55.7	49.4	4.83
S02716		0.34	0.36	10.50	41.4	760	32.4	2.81	0.80	0.77	231	25.2	58	62.0	58.3	5.28

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

ALS Chemex

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Date : 1-Oct-2003
Account: EMP

Project : OZ

CERTIFICATE OF ANALYSIS VA03037722

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
S02717		0.36	0.25	11.15	7.2	860	8.97	2.29	0.53	0.12	232	22.8	63	61.7	49.4	4.67
S02718		0.42	0.22	9.00	8.2	660	4.65	2.80	0.60	0.16	157.0	9.7	26	37.8	16.4	3.83
S02719		0.40	0.34	9.02	11.2	580	5.90	8.69	1.08	0.40	174.0	21.2	37	30.9	34.3	4.88
S02720		0.44	0.50	9.78	13.3	610	6.37	21.5	1.02	0.42	186.0	20.3	34	43.3	36.1	4.61
S02721		0.48	0.42	11.05	14.1	730	6.46	27.4	0.93	0.41	182.5	24.4	50	56.8	51.6	4.62
S02722		0.40	0.57	10.95	16.8	680	6.81	22.5	0.88	0.57	190.0	27.4	48	52.2	47.7	4.84
S02723		0.40	0.43	9.41	14.1	600	4.85	22.9	0.69	0.38	204	13.0	27	35.2	27.1	4.18
S02724		0.42	0.33	9.43	8.9	620	5.48	13.15	0.73	0.31	215	11.2	26	38.2	22.7	4.01
S02725		0.42	0.34	11.25	9.4	770	5.63	4.86	0.46	0.39	161.5	25.1	65	57.9	50.4	5.31
S02726		0.46	0.28	11.40	9.0	640	5.65	4.13	0.48	0.32	206	20.1	59	52.5	48.3	5.89
S02727		0.42	0.47	12.95	11.6	820	6.96	7.72	0.42	0.37	178.5	21.8	56	59.1	43.6	4.81
S02728		0.30	0.95	13.35	11.8	1600	6.06	4.76	0.27	0.97	198.0	37.1	70	46.6	64.6	6.01
S02729		0.32	6.22	11.15	23.4	980	7.52	28.8	0.42	1.48	152.0	23.2	45	54.8	96.1	4.94
S02730		0.34	4.01	11.85	20.3	1330	7.17	21.6	0.34	1.90	209	31.7	58	48.3	89.2	5.24
S02733		0.58	0.19	13.40	10.6	920	5.03	0.59	0.40	0.04	203	24.9	83	75.6	<0.2	7.51
S02734		0.52	0.35	8.17	12.4	640	11.80	5.04	3.06	1.25	144.5	56.0	122	71.3	266	8.25
S02735		0.66	0.42	8.84	14.0	680	13.25	4.88	1.89	0.62	221	40.1	70	61.8	112.0	5.72
S02736		0.62	0.49	9.45	22.5	620	13.45	7.29	1.74	0.89	270	41.1	106	78.1	118.5	7.91
S02737		0.62	0.13	12.55	6.6	890	8.15	1.38	0.45	<0.02	268	35.8	83	73.7	70.5	8.49
S02738		0.62	0.81	9.59	10.0	630	7.52	25.0	0.70	0.57	335	28.4	52	76.3	66.9	6.58
S02739		0.52	0.71	7.40	14.4	400	17.70	10.30	5.15	1.08	166.5	70.1	158	46.7	278	8.74

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Date : 1-Oct-2003
Account: EMP

Project : OZ

CERTIFICATE OF ANALYSIS VA03037722

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
S02672		34.4	0.49	0.2	0.130	3.36	94.3	205	3.43	1130	6.09	0.78	2.4	243	1360	28.1
S02673		32.6	0.55	0.3	0.136	3.22	101.0	202	3.29	1520	7.45	0.76	4.4	205	1220	37.2
S02674		29.5	1.20	0.2	0.176	1.31	40.9	147.0	2.85	1840	545	1.18	6.1	118.0	2130	53.7
S02675		25.3	0.35	0.3	0.164	1.80	35.7	244	4.52	1675	14.00	0.96	5.3	272	1400	17.2
S02676		27.4	0.31	0.2	0.149	1.91	46.3	288	4.31	1745	4.65	0.78	1.1	295	1100	21.1
S02677		56.4	0.43	0.1	0.167	3.85	55.1	740	4.39	3670	25.6	0.52	1.8	310	1160	18.5
S02678		34.1	0.45	0.3	0.126	3.10	89.9	234	2.24	1475	4.15	0.76	3.9	127.5	940	29.9
S02679		32.9	0.59	0.2	0.124	4.05	115.5	181.5	2.25	1115	1.16	0.76	3.1	173.0	1220	37.9
S02680		25.4	0.51	0.3	0.091	3.07	108.0	126.5	1.17	2660	4.96	1.20	12.6	132.5	690	57.7
S02681		36.8	0.45	0.2	0.128	4.14	93.4	198.0	1.47	1845	3.56	0.39	18.8	196.5	740	103.0
S02682		30.9	0.39	0.2	0.120	3.94	82.1	172.0	1.50	1540	2.25	0.84	22.0	130.5	1080	71.4
S02683		40.4	0.47	0.2	0.149	4.22	124.5	165.5	1.65	1105	1.62	0.54	15.7	101.0	870	115.0
S02684		42.9	0.51	0.6	0.148	4.62	113.0	157.5	0.82	1065	3.59	1.05	19.2	38.9	1260	44.4
S02685		35.2	0.36	1.2	0.128	3.87	82.3	132.0	0.97	821	4.91	1.33	19.0	38.5	960	50.4
S02686		33.7	0.44	0.7	0.142	3.77	115.5	138.5	0.90	772	6.29	1.03	20.3	34.2	1110	50.2
S02687		32.3	0.42	0.7	0.130	2.74	81.3	157.5	1.83	1125	3.53	1.04	18.9	66.9	1210	48.5
S02692		38.1	0.52	0.2	0.140	4.13	105.5	199.5	1.68	1910	1.24	0.62	12.7	277	1000	39.5
S02693		37.0	0.50	0.2	0.127	4.30	104.5	178.5	1.55	1155	1.18	0.60	16.2	92.6	1160	34.9
S02694		33.7	0.47	0.2	0.129	3.53	99.5	207	3.00	1055	2.74	0.66	13.6	173.5	1260	37.4
S02695		33.4	0.50	0.3	0.142	3.90	114.5	201	2.40	1245	1.73	0.65	17.2	206	1050	42.3
S02696		40.3	0.47	0.1	0.133	4.86	109.0	152.5	1.65	1000	1.22	0.59	17.0	89.4	960	32.8
S02697		20.9	0.30	0.4	0.077	1.84	51.1	108.5	2.95	1345	4.22	0.64	34.4	116.5	2070	29.1
S02698		19.40	0.19	0.8	0.084	2.07	31.5	83.8	1.70	712	2.29	1.83	13.0	59.9	1160	16.1
S02699		37.5	0.47	0.9	0.136	3.62	124.0	187.5	1.29	1200	7.75	1.22	28.4	39.3	1560	42.6
S02700		38.0	0.36	0.4	0.138	3.82	86.4	170.5	1.22	1085	6.69	0.77	16.4	49.9	940	42.4
S02701		38.6	0.39	0.5	0.138	3.66	101.5	168.5	1.12	1000	4.50	0.99	17.9	44.6	1040	36.9
S02702		31.4	0.43	0.5	0.136	2.98	78.7	157.5	1.76	1215	2.74	0.98	9.6	66.2	1180	98.3
S02703		31.4	0.50	0.5	0.175	2.68	81.3	174.0	2.31	1340	3.03	1.07	10.9	92.3	1530	78.1
S02704		33.2	0.42	0.7	0.153	3.10	87.9	164.0	1.76	1090	2.98	1.08	13.1	63.2	1260	65.2
S02705		31.2	0.41	0.9	0.122	3.02	89.6	140.5	1.65	1140	3.17	1.28	17.0	54.4	1320	43.9
S02706		27.7	0.19	1.1	0.120	2.71	43.1	115.0	0.61	685	26.0	1.06	21.3	22.1	1520	49.9
S02707		26.0	0.19	0.6	0.103	2.63	30.2	78.0	0.57	411	21.3	1.25	16.9	12.2	1020	36.9
S02708		33.0	0.22	1.0	0.121	3.75	43.6	133.0	0.51	529	15.50	1.02	21.7	16.7	1140	59.5
S02709		33.2	0.31	0.7	0.108	3.52	58.5	143.0	1.46	763	4.02	1.06	13.8	67.4	830	40.0
S02710		36.0	0.32	0.6	0.108	3.80	62.0	184.0	1.63	1020	4.32	0.89	14.4	98.7	930	56.3
S02711		34.5	0.32	0.5	0.112	3.68	72.9	159.0	1.26	852	4.45	0.91	16.6	65.6	830	37.5
S02713		30.7	0.32	1.0	0.112	3.25	61.6	121.0	1.41	856	3.74	1.32	16.8	50.8	1320	60.4
S02714		34.4	0.50	0.7	0.119	3.41	95.0	145.0	1.47	903	3.31	0.92	13.4	66.3	1290	41.1
S02715		36.1	0.51	0.6	0.127	3.83	116.0	135.5	1.24	684	2.71	0.91	16.0	57.2	1260	34.7
S02716		37.0	0.52	0.7	0.129	3.63	124.5	158.5	1.34	937	3.29	0.90	15.2	66.4	1380	32.0

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Date : 1-Oct-2003
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Project : OZ

CERTIFICATE OF ANALYSIS VA03037722

Sample Description	Method Analyte Units LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
S02717		40.5	0.57	0.6	0.147	4.16	128.0	143.5	1.15	635	2.52	0.88	15.0	59.2	1160	29.9
S02718		34.6	0.40	0.9	0.128	3.74	77.9	113.0	0.75	621	2.52	1.03	19.5	17.4	1360	33.8
S02719		32.6	0.35	0.9	0.108	3.39	76.3	109.5	0.97	1020	8.13	1.23	15.0	36.3	1520	52.0
S02720		37.6	0.41	1.1	0.136	3.64	85.0	122.5	0.96	1035	9.58	1.22	16.4	33.9	1310	53.4
S02721		39.6	0.40	1.1	0.144	3.87	85.6	122.0	1.10	916	7.11	1.20	15.2	48.2	990	48.1
S02722		38.6	0.39	1.0	0.140	3.99	82.8	141.5	1.08	966	10.05	1.14	15.0	51.8	1080	49.2
S02723		35.1	0.39	1.0	0.139	3.97	87.0	108.0	0.63	875	9.60	1.17	18.8	18.9	1430	55.1
S02724		34.6	0.45	1.2	0.136	3.87	106.5	103.5	0.64	826	5.66	1.20	20.6	18.4	1410	49.1
S02725		38.7	0.39	0.5	0.132	4.15	83.2	153.0	1.33	955	5.60	0.84	12.7	57.5	920	43.5
S02726		34.4	0.39	0.4	0.123	3.98	93.8	131.5	1.17	1115	10.50	0.78	12.8	44.4	1130	46.4
S02727		40.8	0.35	0.5	0.139	4.70	79.4	160.0	1.17	814	2.63	0.83	16.4	49.2	1010	64.3
S02728		40.5	0.36	0.3	0.152	4.52	79.8	168.0	1.24	1130	4.98	0.71	12.4	72.1	750	97.9
S02729		37.2	0.36	0.5	0.224	4.26	80.5	144.0	0.89	952	4.02	0.77	14.2	51.5	890	534
S02730		38.9	0.38	0.5	0.186	4.29	91.3	151.5	1.05	1080	4.64	0.70	14.2	65.9	820	420
S02733		39.7	0.48	0.1	0.148	4.14	95.4	188.0	1.56	915	3.16	0.76	13.0	74.2	760	34.6
S02734		27.4	0.40	0.3	0.170	2.41	61.0	170.0	2.91	1340	2.58	1.40	0.6	166.5	1300	27.4
S02735		29.4	0.43	1.5	0.118	2.64	95.3	124.5	1.64	1120	6.18	1.55	11.8	105.0	1080	36.4
S02736		30.5	0.55	0.5	0.153	3.14	137.0	165.0	2.10	1330	6.25	1.02	16.8	137.0	1420	54.5
S02737		39.2	0.51	0.2	0.142	3.66	133.5	223	1.26	1270	1.60	0.59	13.7	70.4	1360	30.7
S02738		37.1	0.56	0.6	0.147	3.67	158.5	134.0	1.03	1250	13.40	1.08	19.4	50.7	1370	98.0
S02739		26.1	0.50	0.4	0.172	1.73	83.8	118.0	2.98	1535	9.40	1.29	2.7	161.5	1580	29.8

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA03037722

Sample Description	Method Analyte Units LOR	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Tl % 0.01	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
S02672		243	<0.002	0.05	0.12	2	9.2	146.5	0.13	<0.05	32.4	0.60	1.38	8.5	179	3.2
S02673		289	<0.002	0.07	0.10	2	16.9	130.0	0.25	0.06	40.3	0.64	1.63	9.9	173	13.6
S02674		147.0	0.025	0.24	0.33	3	27.0	94.3	0.11	0.41	20.1	1.11	0.92	10.0	174	9.5
S02675		264	<0.002	0.05	0.14	1	35.5	172.5	0.19	0.11	10.0	0.93	1.86	2.2	200	45.7
S02676		271	<0.002	0.04	0.17	1	36.1	158.0	0.06	0.12	12.6	0.57	1.81	2.8	167	8.4
S02677		760	<0.002	0.17	0.17	2	57.3	76.1	0.09	0.17	14.0	0.54	4.35	7.0	200	2.8
S02678		268	<0.002	0.01	0.10	1	21.5	146.0	0.15	<0.05	29.7	0.52	1.30	4.7	149	18.7
S02679		249	<0.002	0.02	0.06	2	7.3	137.5	0.16	<0.05	31.9	0.56	1.21	7.0	139	1.5
S02680		222	<0.002	0.16	0.15	2	24.2	233	0.77	0.15	26.9	0.40	1.04	6.1	95	6.2
S02681		335	<0.002	0.14	0.15	2	8.3	163.0	0.98	0.06	24.2	0.49	1.48	4.8	158	11.7
S02682		242	<0.002	0.09	0.27	1	13.8	172.5	1.20	0.08	23.3	0.61	1.28	4.8	152	14.1
S02683		297	<0.002	0.03	0.14	1	10.6	143.5	0.92	<0.05	42.0	0.46	1.44	6.6	145	13.2
S02684		429	<0.002	0.05	0.18	1	26.4	192.0	1.24	0.14	50.1	0.39	1.78	10.4	100	33.2
S02685		317	<0.002	0.02	0.33	1	19.8	215	1.50	0.24	40.4	0.43	1.41	8.7	101	48.4
S02686		339	<0.002	0.04	0.30	1	22.4	136.5	1.52	0.29	49.6	0.43	1.50	9.5	101	50.5
S02687		228	<0.002	0.03	0.32	1	23.5	194.0	0.94	0.16	26.9	0.64	1.09	5.8	164	43.0
S02692		314	<0.002	0.03	0.08	1	9.1	134.0	0.67	<0.05	32.4	0.47	1.41	7.2	143	7.4
S02693		336	<0.002	0.04	0.12	1	7.6	112.5	1.09	0.05	39.8	0.47	1.48	8.8	137	10.3
S02694		238	<0.002	0.07	0.20	1	7.6	116.0	0.84	0.09	26.3	0.58	1.12	6.2	167	17.6
S02695		264	<0.002	0.09	0.15	2	12.1	140.0	1.05	0.10	29.8	0.66	1.29	6.7	167	13.3
S02696		318	<0.002	0.02	0.08	<1	7.5	137.5	1.04	<0.05	37.7	0.55	1.34	5.9	162	9.4
S02697		136.5	<0.002	0.15	0.40	3	8.8	338	2.24	0.09	16.0	0.61	0.84	4.6	197	16.2
S02698		99.8	<0.002	0.05	0.42	1	4.5	429	0.59	0.05	10.4	0.37	0.62	4.0	94	35.5
S02699		383	<0.002	0.04	0.28	2	29.1	185.5	3.59	0.16	54.3	0.67	1.75	10.4	122	104.5
S02700		311	<0.002	0.06	0.27	1	21.1	140.0	1.23	0.31	35.2	0.50	1.35	6.5	151	41.6
S02701		295	<0.002	0.05	0.30	1	17.9	149.5	1.08	0.37	35.7	0.51	1.23	7.4	142	23.5
S02702		248	<0.002	0.04	0.23	1	23.6	175.0	0.23	0.13	31.6	0.54	1.30	6.8	146	43.0
S02703		224	<0.002	0.03	0.20	1	30.8	190.0	0.50	0.09	29.2	0.73	1.18	6.2	178	30.8
S02704		259	<0.002	0.03	0.26	1	25.2	182.5	0.54	0.13	32.7	0.61	1.25	6.6	159	33.3
S02705		236	<0.002	0.03	0.27	1	18.9	246	1.07	0.15	32.9	0.61	1.13	6.9	158	46.5
S02706		218	<0.002	0.06	0.83	1	16.7	128.0	1.12	0.13	31.7	0.47	1.07	5.0	112	37.0
S02707		198.0	<0.002	0.06	0.75	1	23.7	221	0.45	0.07	27.7	0.42	1.03	4.4	93	71.6
S02708		330	<0.002	0.07	0.52	1	28.6	133.5	1.49	0.07	43.6	0.46	1.48	5.3	95	42.3
S02709		254	<0.002	0.02	0.40	<1	10.1	154.5	0.58	<0.05	30.2	0.51	1.08	4.5	140	15.5
S02710		298	<0.002	0.02	0.28	1	11.6	139.0	0.71	0.07	34.8	0.55	1.35	5.0	146	31.2
S02711		283	<0.002	0.02	0.28	1	11.7	151.5	1.11	0.09	30.1	0.49	1.20	4.6	137	24.1
S02713		256	<0.002	0.01	0.45	1	21.1	228	0.87	0.07	27.2	0.56	1.28	9.8	127	61.9
S02714		284	<0.002	0.02	0.34	1	22.0	143.5	0.68	0.09	40.1	0.50	1.39	14.3	126	85.7
S02715		318	<0.002	0.02	0.32	1	20.8	133.0	0.82	0.06	47.1	0.47	1.47	17.3	121	64.3
S02716		329	<0.002	0.02	0.37	2	24.0	126.0	0.69	0.08	50.3	0.47	1.53	18.2	117	46.7

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

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

Date : 1-Oct-2003
Account: EMP

Project : OZ

CERTIFICATE OF ANALYSIS VA03037722

Sample Description	Method Analyte Units LOR	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.01	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
S02717		350	<0.002	0.01	0.28	1	18.2	133.0	0.70	0.07	52.8	0.44	1.49	21.6	119	79.8
S02718		362	<0.002	0.02	0.45	2	15.5	97.7	1.07	0.06	53.1	0.39	1.61	10.2	77	29.0
S02719		307	<0.002	0.02	0.43	2	17.1	179.5	0.82	0.25	39.9	0.46	1.46	11.0	99	69.6
S02720		350	<0.002	0.02	0.40	2	22.4	179.0	0.83	0.58	44.8	0.45	1.60	12.5	106	31.8
S02721		343	<0.002	0.02	0.28	2	16.9	204	0.88	0.40	41.1	0.43	1.59	12.9	121	17.1
S02722		370	<0.002	0.02	0.34	2	21.4	166.0	0.61	0.46	40.1	0.43	1.69	14.0	110	19.2
S02723		381	<0.002	0.02	0.39	2	19.0	122.5	0.95	0.53	50.7	0.38	1.75	14.6	80	34.5
S02724		356	<0.002	0.02	0.51	2	18.0	122.5	1.33	0.27	54.7	0.42	1.65	14.3	81	30.5
S02725		344	<0.002	0.02	0.13	1	15.5	128.0	0.60	0.10	32.5	0.42	1.37	7.7	120	13.3
S02726		356	<0.002	0.03	0.16	1	14.0	103.5	0.54	0.09	44.4	0.46	1.45	8.9	112	18.4
S02727		430	<0.002	0.04	0.37	1	22.4	121.5	1.02	0.19	40.6	0.43	1.79	15.0	124	61.5
S02728		360	<0.002	0.04	0.27	1	12.1	137.5	0.61	0.12	31.2	0.42	1.46	16.0	183	28.9
S02729		390	<0.002	0.06	0.52	2	20.8	109.0	0.84	0.49	32.8	0.34	1.84	20.0	129	79.9
S02730		382	<0.002	0.06	0.38	2	21.0	118.0	0.93	0.37	36.5	0.38	1.77	24.8	157	57.8
S02733		281	<0.002	0.10	<0.05	1	6.5	145.0	0.54	<0.05	30.6	0.53	1.09	5.6	160	6.7
S02734		239	<0.002	0.04	0.11	1	20.7	221	0.05	0.06	23.5	0.63	1.43	5.2	160	1.8
S02735		224	<0.002	0.05	0.37	2	19.8	266	0.50	0.13	40.8	0.50	1.20	8.1	115	60.8
S02736		285	<0.002	0.10	0.23	2	24.3	140.0	0.87	0.16	52.6	0.60	1.49	12.4	136	83.3
S02737		338	<0.002	0.03	0.15	1	27.8	109.5	0.85	0.06	39.3	0.43	1.47	8.3	139	78.0
S02738		340	<0.002	0.16	0.34	2	20.6	118.0	1.27	0.76	83.5	0.42	1.66	25.5	103	19.4
S02739		180.0	<0.002	0.03	0.26	2	45.2	184.0	0.11	0.11	30.8	1.07	1.05	11.6	212	10.9

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

C: EP
C/O ARCHER CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Date : 1-Oct-2003
Account: EMP

Project : OZ

CERTIFICATE OF ANALYSIS VA03037722

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
S02672		34.8	246	6.2
S02673		46.4	265	5.1
S02674		55.5	260	3.6
S02675		30.1	312	5.4
S02676		31.6	331	5.0
S02677		54.1	476	1.9
S02678		32.0	186	5.3
S02679		48.9	208	3.7
S02680		40.9	687	6.6
S02681		28.9	839	4.6
S02682		24.7	653	5.6
S02683		24.2	294	4.8
S02684		39.9	134	17.5
S02685		32.6	152	36.7
S02686		40.2	131	17.4
S02687		32.1	180	18.6
S02692		33.9	336	3.4
S02693		30.1	155	5.3
S02694		33.2	235	5.0
S02695		30.3	333	7.8
S02696		22.1	136	2.8
S02697		26.3	224	7.6
S02698		17.0	205	35.0
S02699		58.3	150	27.6
S02700		26.2	138	10.6
S02701		28.8	132	16.8
S02702		28.8	260	13.8
S02703		30.5	314	15.3
S02704		29.9	208	19.6
S02705		27.9	165	25.8
S02706		25.5	112	34.8
S02707		21.7	98	16.6
S02708		28.2	118	28.4
S02709		19.0	114	21.3
S02710		22.9	181	16.0
S02711		22.1	144	16.0
S02713		34.7	143	31.4
S02714		41.0	156	19.0
S02715		43.6	135	16.9
S02716		51.7	160	19.0

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
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To: EP
C/O ARCHER CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Date : 1-Oct-2003
Account: EMP

Project : OZ

CERTIFICATE OF ANALYSIS VA03037722

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
S02717		48.6	116	16.8
S02718		54.7	107	27.8
S02719		43.2	142	28.6
S02720		57.4	142	32.4
S02721		47.3	145	36.7
S02722		51.0	153	27.9
S02723		58.7	127	30.0
S02724		64.8	128	31.6
S02725		39.3	143	12.9
S02726		42.8	154	10.7
S02727		36.9	175	15.5
S02728		21.1	292	8.4
S02729		39.3	504	15.6
S02730		26.9	459	13.0
S02733		22.9	136	2.6
S02734		35.5	236	5.8
S02735		44.3	188	49.4
S02736		60.9	231	13.0
S02737		31.9	164	4.7
S02738		75.1	178	18.0
S02739		56.8	212	5.9

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 – 510 West Hastings Street
Vancouver, B.C. V6B 1L8
Telephone: 604-688-2568 Fax: 604-688-2578

AFFIDAVIT

I, Joan Mariacher, of Vancouver, B.C. make oath and say:

That to the best of my knowledge the attached Statement of Expenditures for exploration work on the Oz 1-30 mineral claims on Claim Sheet 105G/6 is accurate.

Joan Mariacher

Sworn before me at Vancouver, B.C.

this 5th day of December, 2003

Notary Public, Yukon Territory

Statement of Expenditures
Oz 1-30 Mineral Claims
December 9, 2003

Labour

B. Wengzynowski – geologist – 8 days July at $480/day	$ 4,108.80
L. Groat – geologist – 4 days July at $800/day	3,424.00
D. Kellett – geologist – 4 days July at $288/day	1,232.64
S. Eaton – fieldman – 6 days July at $224/day	1,438.08
C. Carleton - fieldman – 1 day July at $208/day	222.56
	10,426.08

Expenses

Field room and board – 23 days at $115/day	2,830.15
Trans North Helicopter Bell 206B	3,869.71
Kluane Airways	3,098.72
ALS Chemex	1,215.22
	11,013.80
	$21,439.88

ARCTEC, CRATHRO & ASSOCIATES (1987) LIMITED

In Account With

Project EMERALD PROJECT
Date JULY 31, 2002

LABOUR			
Field	D. EATON - 27 HLS AT 60/HR	1620.00	
	B. WENGZYNOWSKI - 248 HRS AT 60/HR	14880.00	
	L. GROAT - 24 DAYS AT 800/DAY	19200.00	
	H. NEUFELD - 8 DAYS AT 351/DAY	2816.00	
	G. DOWNS - 2 DAYS AT 288/DAY	576.00	
	D. KELLETT - 26 1/2 DAYS AT 288/DAY	7632.00	
	S. EATON - 7 DAYS AT 224/DAY	1568.00	
	A. GILLIS - 2 DAYS AT 224/DAY	448.00	
	C. CARLETON - 14 DAYS AT 208/DAY	2912.00	
Accounting and Expediting	J. Mariacher— 66 hrs at $ 55/hr	3630.00	55282.00
OTHER SERVICES			
Room & Board in Whitehorse	34 days at $90/day	3060.00	
Field equipment from AC stock	114 MANDAYS AT 20/DAY	2280.00	
Printing	Photocopies 197 @ .15	29.55	
Rentals from AC	JULY 1-31 - 4 ICOMS AT 21.33/DAY + SAT SYSTEM AT 30/DAY + SBX II AT 10/DAY + 2 UV LAMPS AT 2/DAY	1963.33	
LOOMIS COURIER - 3 AT 13.85		41.55	7384.33
EXPENSES			
Petty Cash	43.09 DT + 9.90 CV	52.99	
Telephone	17 47 + 48.07 + 6.65	72.19	
B. WENGXDENSKI	- 19.60 DT + 31.56 DV + 23.36 DT + 43.19 DV	110.71	
ATLAS DEVCORP		833.34	
GOVT YUKON	- SHARK CLS	529.50	
INTEGRAPHICS		108.73	
SUNRISE SERVICE		59.73	
ROSS RIVER SERVICE	- 43.99 DT + 124.04 DT	167.96	
GREYHOUND COURIERS		177.34	
TRANS NORTH HELICOPTERS		20346.07	
CORPORATE COURIERS		13.96	
NORTH 60 PETRO	- 84.45 DT + 1298.90 DV	1383.35	
COWSEN'S		121.81	
KLUANE AIRWAYS		7283.00	
SPORTSLODGE		118.36	
MACPHERSON RENTALS	- 99.43 DT + 336.99 DT	359.35	
NORCAN LEASING		2047.70	
RIVERDALE SURE-A		1914.83	
MAYO BIGWAY		13.44	
MILLS BASICS		5.09	
MAE'S FIREWEED		203.93	
BUILDERS SUPPLY LAND		477.45	
HORWOOD'S OFFICE		1.75	
GREAT SLAVE HELICOPTERS		5580.00	
JOAN M XDENSKI	- 341.11 DT + 1678.16 DT	2019.27	44539.68
MANAGEMENT	6% on Expenses	2671.38	
	on Field A/C	125.00	2796.38
			110003.39
GST (R100247667) 7% on	110003.39		7700.24
			117703.63

E=GST exempt

REMIT PAYMENT TO:

TRANS NORTH HELICOPTERS

TRANS NORTH TURBO AIR LTD.

20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E6
TELEPHONE (867) 668-2177 FAX (867) 668-3420

ACCOUNT NUMBER: ARCHCAC

INVOICE NUMBER: 31334

INVOICE DATE: 13 07 03

AREA: B.C. ☐ YUKON ☑ NWT ☐ ALTA ☐

Archer Cathro & Associates
1016-510 W. Hastings St.
Vancouver, B.C.
V6B 1L8

A/C TYPE: B 206

AIRCRAFT REGISTRATION C: GMIG

FLIGHT DATE: DAY 13 MONTH 07 YEAR 03

PURCHASE ORDER NO.

FUEL & OIL-X TNTA	FUEL & OIL-X CUST.	TNTA FUEL USED	HRS./LITRES	FROM
✓			3.5	

FROM / TO	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
FROM Ross River			
TO Faulkyson			
Half Moon x 3			
Faulkyson			
Ross River			

Please Remit To:
Trans North Helicopters
P.O. Box 8
Whitehorse, Yukon
Y1A 5X9

	@		
3.5	@ 925.	3237	50
~~HOLDING~~ TIME:	@ / HR.		
FUEL 399	@ .95 / LITRE	379	05
FUEL	@ / LITRE		
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL		3616	55
GOODS & SERVICES TAX REGISTRATION NO. R121483135		253	16
TOTAL	$	3869	71

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

X _____ CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

PILOT'S SIGNATURE

ENGINEER'S NAME

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

THIS IS YOUR ONLY INVOICE – PAY UPON RECEIPT

KLUANE AIRWAYS LTD.
BOX 31489
WHITEHORSE, YUKON Y1A 6K8

Archer Cathro & Ass.
CHARTERER

07/14/03
INVOICE DATE
17500	
AIRCRAFT TYPE	REGISTRATION

№ 5003

BILLING ADDRESS

PHONE:

FROM Finlayson	MILES	HOURS	REMARKS/PASSENGER/CARGO
TO EP Bills Camp		.3	Down + Gear
Finlayson		.3	1h

SPECIAL INSTRUCTIONS		
	.6 @ 810 PER HOUR	486.00
	@ PER MILE	
	WAITING TIME @ / HR	
#5137	FUEL 60 @ .95 / GAL.	57.00
	PILOT'S EXPENSES	
	OTHER	
EP or		
	SUB-TOTAL	543.00
CHARTERER'S SIGNATURE	GST	38.01
	2% PER MONTH CHARGES ON ACCOUNTS OVER 30 DAYS TOTAL $	581.01
PILOT'S SIGNATURE		

WHITE - OFFICE
YELLOW - OFFICE COPY RECORD
PINK - CUSTOMER COPY
GOLD - BASE COPY (Stays in book.)

WILLOW PRINTERS LTD.

KLUANE AIRWAYS LTD.
BOX 31489
WHITEHORSE, YUKON Y1A 6K8

Archer Cathro + Ass
CHARTERER

07/17/93
INVOICE DATE
A500	
AIRCRAFT TYPE	REGISTRATION

№ 5007

BILLING ADDRESS

PHONE:

FROM Finlayson	MILES	HOURS	REMARKS/PASSENGER/CARGO
TO EP Bills Camp			Grocs in
Finlayson		.3	Dawn Kellet out
			Sarah Eaton
EP		.1	in

SPECIAL INSTRUCTIONS			
EP Bills Camp	.4 @ 910 PER HOUR		324.00
	@ PER MILE		
	WAITING TIME @ / HR		
	FUEL 40 @ .95 / GAL.		38.00
	PILOT'S EXPENSES		
	OTHER		
#5141			
	SUB-TOTAL		362.00
	GST		25.34
	2% PER MONTH CHARGES ON ACCOUNTS OVER 30 DAYS TOTAL $		387.34

CHARTERER'S SIGNATURE

PILOT'S SIGNATURE

WHITE - OFFICE
YELLOW - OFFICE COPY RECORD
PINK - CUSTOMER COPY
GOLD - BASE COPY (Stays in book.)

WILLOW PRINTERS LTD.

KLUANE AIRWAYS LTD.
BOX 31489
WHITEHORSE, YUKON Y1A 6K8

07	24	07
INVOICE DATE		
500		
AIRCRAFT TYPE	REGISTRATION	

Archer Cathro
CHARTERER

№ 5148

BILLING ADDRESS

PHONE:

FROM Finlayson	MILES	HOURS	REMARKS/PASSENGER/CARGO
TO Bills Camp		.4	into Bill Mor Starth
		.6	Net out
		.6	internal + Bill
		.6	internal + Lee
EP 07			

SPECIAL INSTRUCTIONS			
EP Bills Camp	2.2 @ 810	PER HOUR	1782.00
	@	PER MILE	
	WAITING TIME @	/ HR	
	FUEL 220 @ .95	/ GAL.	209.00
De mobe	PILOT'S EXPENSES		
	OTHER		
		SUB-TOTAL	1991.00
B. Archer		GST	139.37
CHARTERER'S SIGNATURE	2% PER MONTH CHARGES ON ACCOUNTS OVER 30 DAYS	TOTAL $	2130.37
PILOT'S SIGNATURE			

WHITE - OFFICE
YELLOW - OFFICE COPY RECORD
PINK - CUSTOMER COPY
GOLD - BASE COPY (Stays in book.)

WILLOW PRINTERS LTD

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

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

INVOICE NUMBER: 1048126

BILLING INFORMATION

Certificate: **VA03037722**
Account: **EMP**
Date : **01-Oct-2003**
Project : OZ
P.O. No.:
Quote:
Terms: **Due on Receipt** C1

Comments:

ANALYSED FOR QUANTITY	CODE -	DESCRIPTION	UNIT PRICE	TOTAL
61	PREP-41	Dry, Sieve (180 um) Soil	1.88	114.68
25.96	PREP-41	Wt. Charge (kg) - Dry, Sieve (180 um) Soil	0.56	14.54
61	ME-MS61	47 element four acid ICP-MS	13.50	823.50
61	GEO-4A01	Four Acid Dig - ME-MS61	3.00	183.00

SUBTOTAL (CAD)	$	1,135.72
GST R100938885	$	79.50
TOTAL PAYABLE (CAD)	**$**	**1,215.22**

To: **EP**
ATTN: ACCOUNTS PAYABLE
C/O ARCHER CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Please Remit Payments to :
ALS Chemex
212 Brooksbank Avenue
North Vancouver BC V7J 2C1