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& ASSOCIATES (1981) LIMITED

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ASSESSMENT REPORT

094092

describing

GEOLOGY AND GEOCHEMICAL SURVEYS

on the

NOD CLAIMS

Nod 1-66 YB49365-YB49430

NTS 105I/11

Latitude 62°33'N and Longitude 129°24'W

in the

Watson Lake Mining District
Yukon Territory



Prepared by

Archer, Cathro & Associates (1981) Limited

for

EXPATRIATE RESOURCES LTD.

by

R.F. Gish, B.Sc.
February, 2000

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 26,400 .

for *M. Burk*
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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INTRODUCTION

The Nod 1-66 claims are owned by Expatriate Resources Ltd. and are located in the Howards Pass District along the Yukon side of the Yukon-Northwest Territories border. The district hosts two known sedimentary exhalative zinc-lead deposits and a number of showings that are associated with a laterally extensive horizon referred to as the Active Member. The Nod claims were staked to cover a 7500 by 1800 m area underlain by a syncline containing the Active Member. The XY and Anniv Deposits, both owned by Placer Dome Inc. and USX Corporation, are located in the same syncline along strike to the east and west, respectively.

The 1999 program consisted of silt and soil sampling. This work was performed by a two-person crew in mid-August from a fly camp on the property and during a one day visit later that month. The program was managed by Archer, Cathro & Associates (1981) Limited and supervised by the author.

The Author's Statement of Qualifications is in Appendix I while personnel who worked on the program are listed in Appendix II.

PROPERTY, LOCATION AND ACCESS

The Nod claims are located along the Don Creek Valley, 800 m south of the Yukon-Northwest Territories border on NTS map sheet 105I/11 at latitude 62°33'N and longitude 129°24'W (Figure 1).

The property consists of 66 mineral claims (Figure 2) registered with the Watson Lake Mining Recorder in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for Expatriate Resources Ltd. Claim registration data are listed below.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Nod 1-66	YB49365-YB49430	March 9, 2004

*Expiry dates include 1999 assessment work which has been filed but not yet accepted for credit.

In 1977 an 85 km access road was built to the nearby XY Deposit from Flat Lakes, 50 km to the southeast. Washouts have rendered this road impassable even to four-wheel drive vehicles. A winter road from the XY Deposit to the Anniv Deposit passes through the Nod property. The nearest permanent communities are Watson Lake, 265 km to the south and Ross River, 175 km to the southwest. Access during the 1999 field season was provided by a Bell 206B Jet Ranger operated by Trans North Helicopters from a base in Ross River.

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FIGURE 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY LOCATION

NOD PROPERTY

SCALE 1:5,000,000

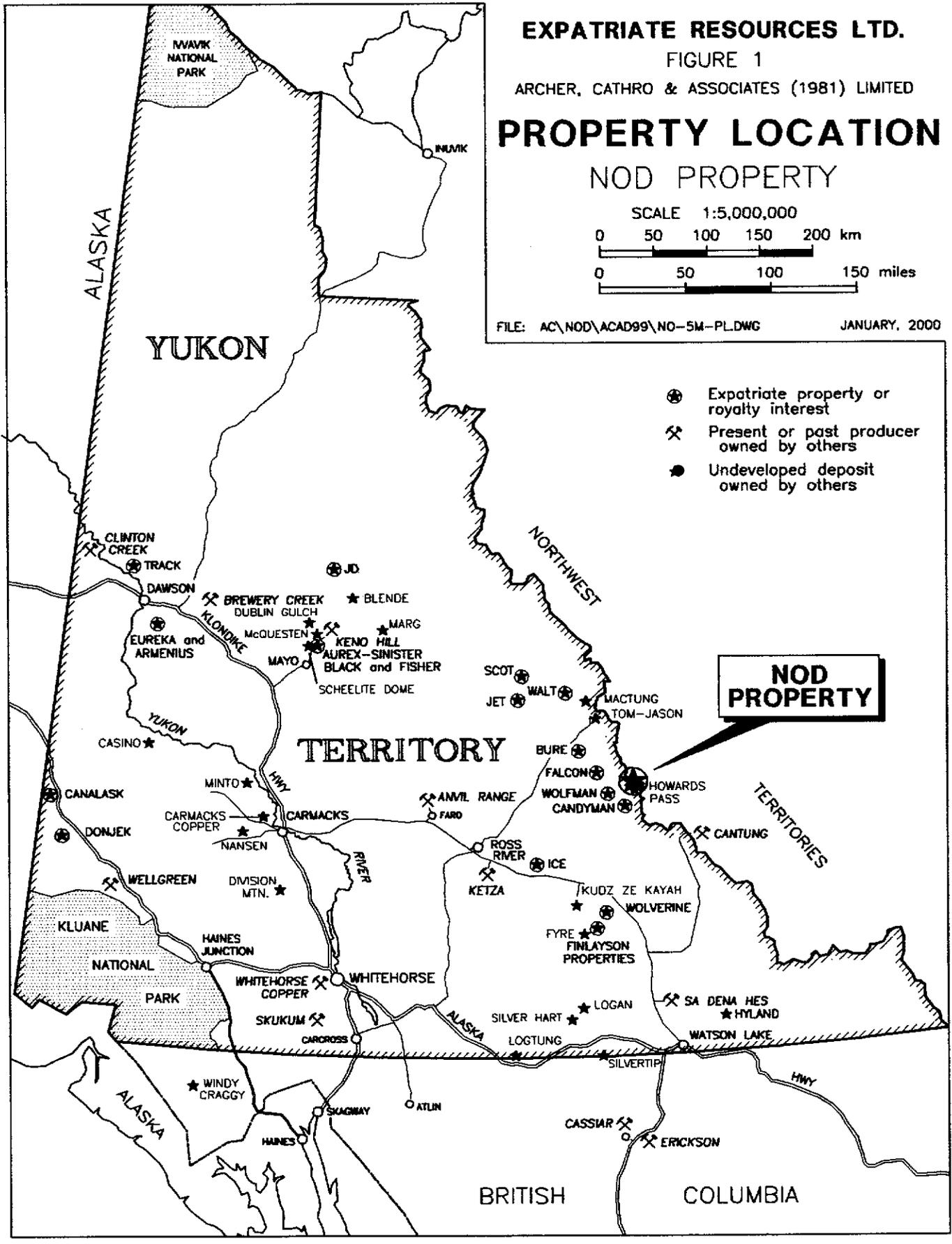
0 50 100 150 200 km

0 50 100 150 miles

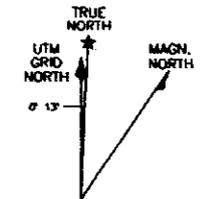
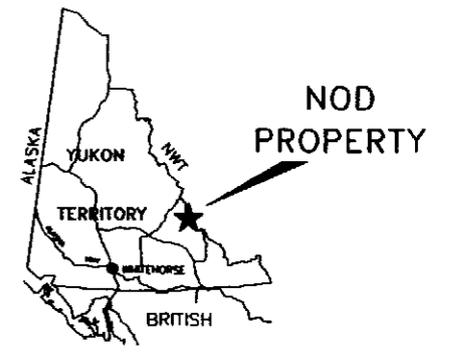
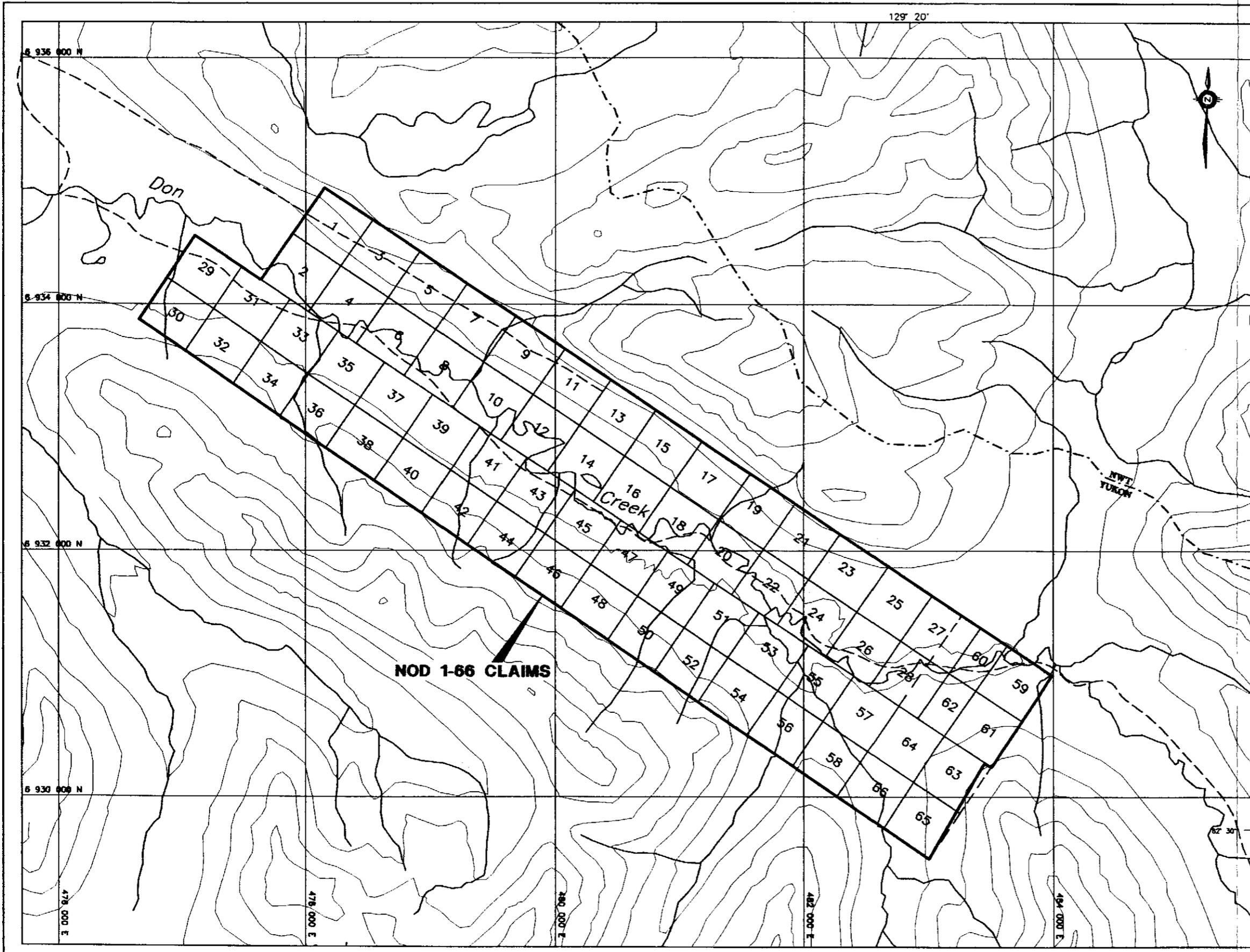
FILE: AC\NOD\ACAD99\NO-5M-PL.DWG

JANUARY, 2000

- ⊕ Expatriate property or royalty interest
- ⚡ Present or past producer owned by others
- Undeveloped deposit owned by others



NOD PROPERTY



NTS 105-I-11 and 105-I-6
 UTM ZONE 9
 CONTOUR INTERVAL 100m

EXPATRIATE RESOURCES LTD.	
FIGURE 2 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
CLAIM LOCATION	
NOD PROPERTY	
DRAWN/REVISED BY: AG	PROJECT: SELMYPH
FILE: \\NOD\ACAD99\NO-CL.DWG	DATE: JANUARY, 2000

HISTORY

The mineral potential of the Howards Pass District was recognized in 1972 after four years of reconnaissance mapping and sampling by Canex Aerial Exploration Ltd., a predecessor company of Placer Dome Canada Inc.

Canex Placer began an extensive exploration program on the XY Deposit in 1972. In 1975 Canex Placer entered into a joint venture with Essex Minerals Co., a subsidiary of U.S. Steel Corp. to explore the Howards Pass District for zinc and lead. When Canex Placer was dismantled in December 1977 the parent company, Placer Development, took over operation of the XY property. Subsequent exploration along strike to the northwest discovered the Anniv Deposit and Op Zone within the same stratigraphy. An adit was driven into the XY Deposit in 1980 and underground drilling was carried out in 1981. Aside from some environmental reclamation no further work has been conducted on the Placer claims.

The ground now covered by the Nod claims was originally staked as the Don claims in October 1972 by Placer which carried out relatively little exploration before allowing the claims to lapse in 1993 (Sinclair and Gilbert, 1975). In 1994 W4 Joint Venture staked the Nod claims. In 1996, it sold the claims to NDU Resources Ltd. which later merged with United Keno Hill Mines Ltd. Expatriate purchased a 100% interest in the Nod property from United Keno Hill in 1998.

GEOMORPHOLOGY

The Nod property is located in the Don Creek Valley within the Selwyn Mountain Range. Don Creek which flows through the centre of the claim block is part of the Yukon River watershed. Mountains on the flanks of the valley are characterized by steep sides with rounded tops due to the recessive nature of most of the underlying units. Elevations range from 1150 m in the valley to 1500 m along the southwestern and northeastern edges of the property. Most of the property is heavily vegetated and covered by glacial till, making outcrop rare. Thick scrub willow and arctic black birch ground cover is interspersed with patches of black spruce at low elevations while alpine grasses and mosses blanket flat areas and moderate slopes at higher elevations.

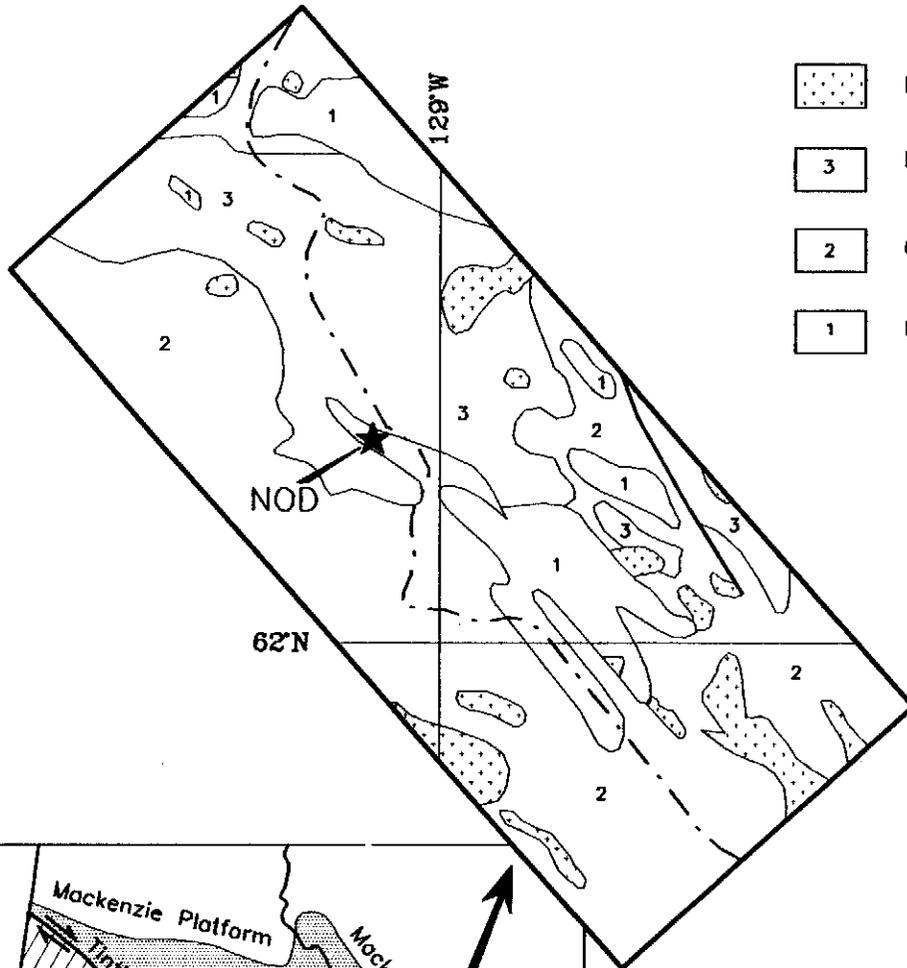
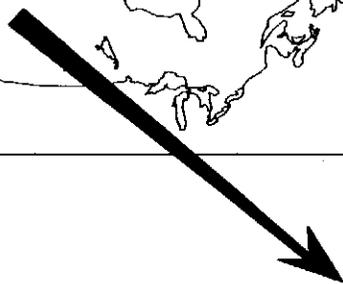
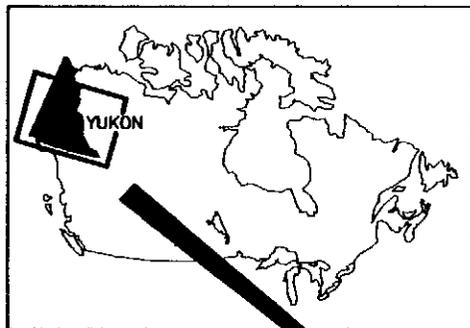
The entire property was covered by ice sheets in Pleistocene times and glacial features are common. Ice movement in the area was toward the west-northwest, subparallel to the stratigraphic trend. Soil development is poor and usually consists of "C" horizon material.

REGIONAL GEOLOGY

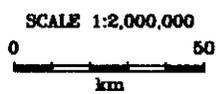
The Howards Pass District lies within Selwyn Basin, a northwest trending belt of deep water off-shelf sedimentation that formed from Lower Ordovician to Lower Devonian time. This elongate depositional trough stretches from the Yukon-Alaska border to northeast British Columbia and is bounded to the north and east by Mackenzie Platform, to the south by Macdonald Platform and to the west by Cassiar Platform and the Tintina Fault Zone (Figure 3).

Selwyn Basin stratigraphy overlies a basement of Upper Proterozoic to Lower Cambrian shale, siltstone and sandstone (Vampire Formation) which were derived primarily from igneous and metamorphic sources on the North American Craton (Table 1). This unit is conformably overlain in the Howards Pass District by massive to wavy banded limestone of the Upper Cambrian to Lower Ordovician Rabbitkettle Formation. The limestone is, in turn, overlain by the Ordovician to Silurian Road River Group which is divided into the Duo Lake Formation and Steel Formation. Duo Lake Formation stratigraphy consists of carbonaceous to siliceous shale, cherty mudstone, limestone and chert while the overlying Steel Formation comprises resistant bioturbated mudstone. From Lower Devonian to Middle Mississippian time, Earn Group turbiditic chert rich, clastic rocks were deposited from uplifted portions of west and central Selwyn Basin. Middle to Late Cretaceous intrusions of the Selwyn Plutonic Suite intrude all lithologies. They are responsible for localization of tungsten skarns (notably at Cantung and Mactung) as well as intrusive hosted and hornfels gold vein and stockwork mineralization in the Macmillan Pass area (Gordey and Anderson, 1993).

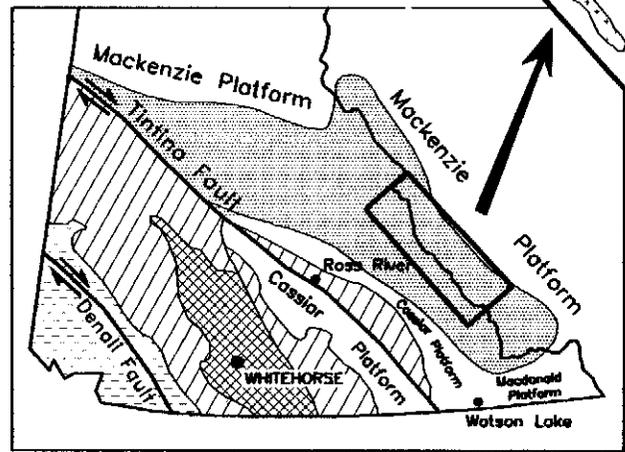
Extensional tectonism and rifting in the Howards Pass region is believed to have been initiated in Middle Ordovician times. This is marked by the transition from shallow water deposition of the Rabbitkettle Formation limestone to the basinal Duo Lake Formation shale. Active tectonism in Selwyn Basin continued throughout the Paleozoic. Early Cretaceous northeast-southwest compression led to northwest trending decollement style folds and minor thrusts (Gordey and Anderson, 1993). The regional metamorphic grade in the sedimentary rocks is lower greenschist facies.



-  Mid-Cretaceous granitic intrusions
-  Devonian-Mississippian clastic sediments
-  Cambrian Devonian basin shales, shelf carbonate sediments
-  Upper Proterozoic clastic sediments



-  Coastal and Insular Belts
-  Intermontane Belt
-  Yukon-Tanana Terrane and Slide Mountain Terrane
-  Selwyn Basin



EXPATRIATE RESOURCES LTD.

FIGURE 3
ARCHER, CATRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY
NOD PROPERTY

FILE: ...NOD\ACAD99\NO-REG-3.DWG DATE: JANUARY, 2000

TABLE 1
REGIONAL STRATIGRAPHY
(Gordey and Anderson, 1993)

MESOZOIC

MIDDLE TO LATE CRETACEOUS

SELWYN PLUTONIC SUITE: white to mottled white to grey weathering, mafic poor to moderately mafic, biotite granite or granodiorite stocks and batholiths

PALEOZOIC

DEVONIAN AND MISSISSIPPIAN
EARN GROUP

UPPER DEVONIAN TO MID-MISSISSIPPIAN

PREVOST FORMATION: brown weathering shale, minor chert-quartz sandstone

LOWER TO UPPER DEVONIAN

PORTRAIT LAKE FORMATION: black, gun blue and bluish white weathering, black siliceous shale; thin to medium bedded black chert

ORDOVICIAN AND SILURIAN
ROAD RIVER GROUP

UPPER SILURIAN

STEEL FORMATION: orange weathering, resistant, thick bedded, dolomitic, silty grey burrowed mudstone with locally abundant small pyrite cubes

LOWER ORDOVICIAN TO MIDDLE SILURIAN

DUO LAKE FORMATION: black, gun-blue, or silvery-white weathering, recessive black shale and minor thin interbeds of fine crystalline black limestone and black chert

CAMBRIAN AND ORDOVICIAN

UPPER CAMBRIAN AND LOWER ORDOVICIAN

RABBITKETTLE FORMATION: white to buff weathering, laminated or thin bedded, fine crystalline, locally nodular, blue-grey limestone; local volcanic tuff

PROTEROZOIC AND PALEOZOIC

UPPER PROTEROZOIC AND LOWER CAMBRIAN

VAMPIRE FORMATION: dark brown to rusty weathering, thin to thick bedded, greenish grey shale, siltstone and very fine grained quartz sandstone

ECONOMIC GEOLOGY OF THE HOWARDS PASS DISTRICT

The Howards Pass District hosts large sub-basin, platform-marginal stratiform zinc-lead deposits (Figure 4). Geochemical data suggests that additional deposits remain to be discovered along the 35 km long stratigraphic trend. The entire area of favourable stratigraphy has been staked by three groups. The XY, Anniv and OP properties are owned by Placer Dome and US Steel, the HP, Nod and Pot properties are owned by Expatriate and the CMC property is owned by Cominco Ltd. The XY and Anniv Deposits have an indicated geological resource of 110.5 million tonnes grading 7.7% combined zinc and lead plus an inferred resource in excess of 374 million tonnes (Ditson, 1994). Advanced exploration has modelled the XY and Anniv Deposits as probably occurring in separate sub-basins along the base of a paleoslope (Morganti, 1979). The Anniv Deposit is approximately 22 km northwest of the XY Deposit. To date the area between the deposits (the Nod property) has not been drilled to determine if other mineralized sub-basins are present.

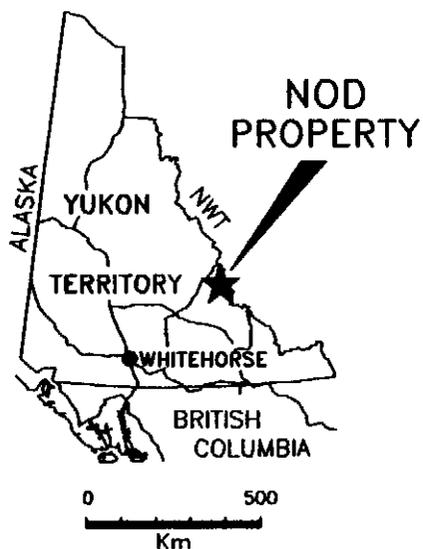
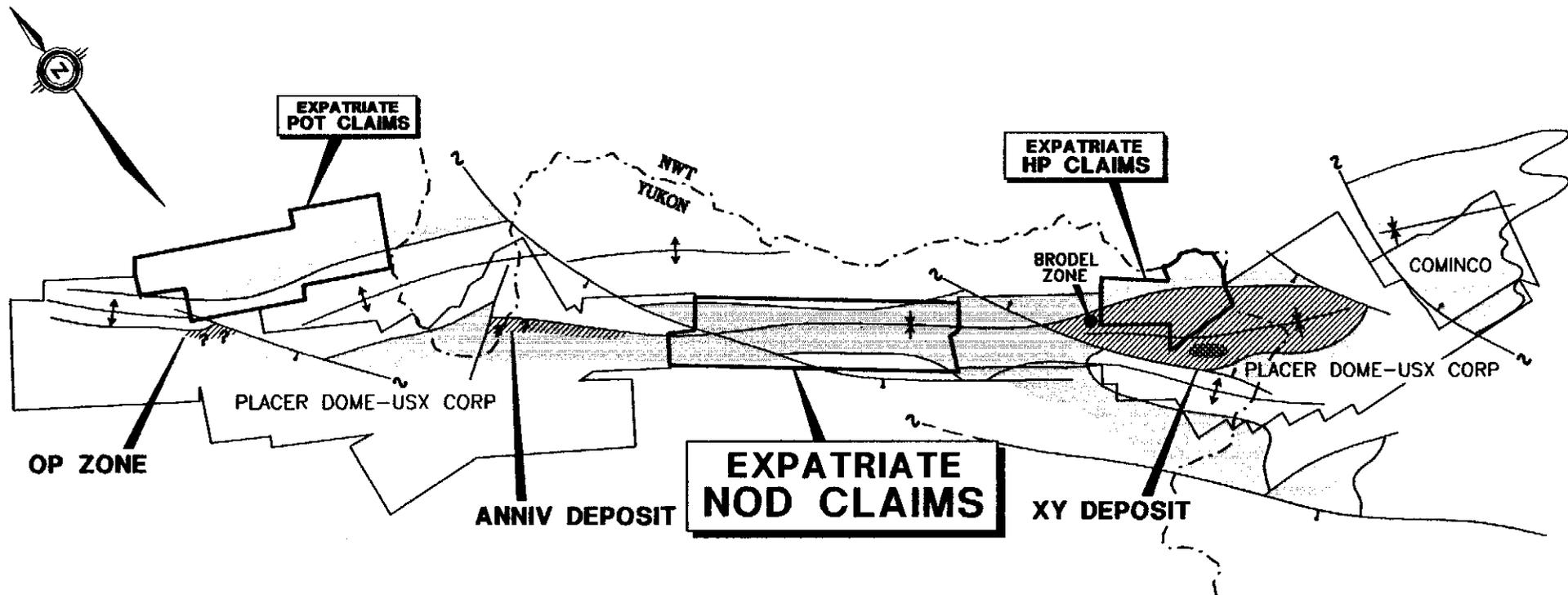
XY Deposit

The XY Deposit occurs on the southwestern limb of a syncline that extends onto the Nod Property. Most of the deposit lies beneath a ridge which parallels the northwest-southeast trending fold axis. Dimensions of the deposit, as defined to date, are 7.5 km in a northwest-southeast direction by 2.5 km across the syncline or about 5 km wide if the deposit is unfolded. Indicated resource estimates for the deposit are 55 million tonnes of 8.26% combined zinc and lead. In addition, inferred estimates include 113 million tonnes of a similar grade.

Relatively deep drilling in 1976 returned spectacular results from what is probably a higher grade core of the deposit toward the keel of the syncline. Hole 76-66 intersected 10.7 m containing 20.0% zinc and 16.1% lead at a depth of 242 m while hole 76-80 intersected 7.6 m grading 25.0% zinc and 23.1% lead at a depth of 329 m. A higher grade core of eight million tonnes grading 10.6% zinc and 5.5% lead is reported to exist within the XY Deposit (Ditson, 1994).

Anniv Deposit

The Anniv Deposit occurs within a complexly folded and faulted stratigraphic sub-basin that is truncated abruptly to the north by a fault. Drilling consisted of 64 holes totalling approximately 12,500 m, which were drilled within the 4 km long, 350 m wide area of known mineralization. The indicated resource for this deposit is 55.5 million tonnes of 7.07% combined zinc and lead. Inferred resource estimates for the Anniv Deposit are 261 million tonnes of a similar grade (Ditson, 1994).



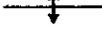
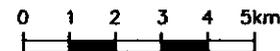
-  ANOMALOUS ROAD RIVER SHALES (UNEXPLORED POTENTIAL)
-  MINERALIZED ZONE (2-10% Pb+Zn/3m)
-  MINERALIZED HIGH GRADE CORE ZONE (10-50% Pb+Zn/10m)
-  SYNCLINE AXIS
-  ANTICLINE AXIS

FIGURE 4
EXPATRIATE RESOURCES LTD.
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
HOWARDS PASS
ZINC-LEAD DISTRICT
 NOD PROPERTY



OP Zone

The OP Zone hosts two surface showings within a 1500 m assumed strike length of the Active Member stratigraphy. Nine holes were drilled between the two surface showings. Poor ground conditions were reported as the reason why only two of the nine holes intersected the Active Member. One hole returned 4.7 m of 5.13% combined zinc and lead while the other hole intersected only barren limestone (Ditson, 1994). The OP Zone is open along strike to the northwest and downdip to the southwest.

HP Property

The HP property covers the northeastern limb of the mineralized syncline hosting the XY Deposit (Figure 5). In 1974, four drill holes totalling 504 m were drilled over a 1600 m strike length of Active Member stratigraphy. Hole 74P-1 intersected 6.1 m of 2.7% zinc and 1.0% lead while 74P-2 intersected 6.1 m of 2.9% zinc and 0.8% lead (Adamson, 1974). Although values are lower than those encountered within the XY Deposit, there remains good potential for higher grades downdip toward the core of the syncline.

Nod Property

The Nod property covers a 7.5 by 1.8 km area between the XY and Anniv Deposits. Although the area contains favourable stratigraphy, it has received relatively little work in the past. Silt sampling in 1994 returned values up to 5210 ppm zinc while 1999 soil sample values included 8550 ppm zinc and 4630 ppm lead. The Nod claim block straddles the syncline which hosts the XY Deposit 3 km to the southeast and the Anniv Deposit 1 km to the northwest.

Pot Property

The Pot property lies north and east of the OP Zone. Mineralized Active Member strata at the OP Zone projects onto the Pot property. Widely spaced silt samples taken from the property returned anomalous zinc values (>1000 ppm) over a distance of 4.5 km.

CMC Property

The CMC property covers stratiform mineralization in both the Duo Lake and Portrait Lake Formations. Trench samples from Duo Lake stratigraphy returned 0.23% lead and 0.02% zinc over 1.5 m. Grab samples 15 m upsection from the trench assayed 2.95% lead and 1.5% zinc. Geological mapping delineated an 8 m thick barite unit within the Portrait Lake Formation (Gordey and Anderson, 1993).

PROPERTY GEOLOGY AND MINERALIZATION

The Nod property is thought to be underlain by four stratigraphic packages as shown on Figure 5 and Table 2. These are: 1) Rabbitkettle Formation limestone; 2) Duo Lake Formation siliceous, calcareous and graptolitic shales, cherty mudstone, chert and limestone; 3); Portrait Lake Formation shale and chert; and, 4) Prevost Formation shale and sandstone. A broad syncline containing the units is inferred from exposures in the surrounding area. The Active Member, a subunit of the Duo Lake Formation, is projected to lie within the syncline beneath extensive glacial till and outwash on the floor of the Don Creek Valley. No lead-zinc mineralization has yet been found within these rocks on the Nod claims. The following geological descriptions are based on work done elsewhere in the Howards Pass District.

Rabbitkettle Formation

The oldest strata exposed on the Nod property consists of the Upper Cambrian and Lower Ordovician Rabbitkettle Formation (Unit CO_R). This unit comprises thin bedded and laminated, finely crystalline, nodular, blue-grey limestone. It weathers to a distinctive thin bedded "wavy banded" appearance with alternating light grey and light brown beds, the latter forming distinctive flat pebble-like fragments where they are disrupted by axial plane cleavage. Rabbitkettle Formation stratigraphy is exposed in the northern part of the property.

Duo Lake Formation

Duo Lake Formation lithologies (Units OS_{DL}, OS_{DA}, OS_{DS}) overlie the Rabbitkettle Formation and consist of the Lower Shale Unit, Active Member and Siliceous Shale Unit.

The Lower Shale Unit (Unit OS_{DL}) comprises primarily recessive, calcareous to siliceous, dark grey to black shale with minor thin bedded chert. Silica content of the shales increases upsection as carbonate content decreases.

The Active Member (Unit OS_{DA}) is the most economically significant lithology in the Howards Pass District because it hosts the zinc and lead deposits. Mineralization occurs most commonly in the upper and middle sections of this heterogeneous package. There are eight different lithological facies within the Active Member (Table 3) but their thickness, position within the sequence and number of repetitions within the sequence are highly variable. Rapid changes in facies are best explained by disruptions of beds by soft sediment slumping or later structural displacement. Correlation between detailed lithological units within the Active Member are difficult (House, 1980). Stratigraphy comprises primarily intercalated mudstone, limestone and chert with a general trend toward increasing silica and decreasing carbonate upsection. Sulphide mineralization consists of fine grained sphalerite, galena and minor pyrite.

The Siliceous Shale Unit (Unit OS_{DS}) contains light grey to black weathering, recessive graptolitic black shale, with chert and minor fine crystalline limestone.

TABLE 2
PROPERTY STRATIGRAPHY
(after House, 1980)

DEVONIAN AND MISSISSIPPIAN
LOWER EARN GROUP

LOWER TO UPPER DEVONIAN

PORTRAIT LAKE FORMATION: dark to light grey, tan and bluish white weathering, dark grey to black, carbonaceous to siliceous shale and thin bedded chert (DP)

ORDOVICIAN AND SILURIAN
ROAD RIVER GROUP

UPPER SILURIAN

STEEL FORMATION: orange weathering, resistant, thick bedded dolomitic pyritic silty burrowed light blue-grey mudstone (S_S)

LOWER ORDOVICIAN TO MIDDLE SILURIAN
DUO LAKE FORMATION

Siliceous Shale Unit: light grey to black weathering, recessive graptolitic black shale with chert and minor fine crystalline limestone (OS_{DS})

Active Member: intercalated mudstone, limestone and chert; sulphide mineralization consists of fine grained sphalerite, galena and minor pyrite (OS_{DA})

Lower Shale Unit: recessive, calcareous to siliceous, dark grey to black shale with minor thin bedded chert (OS_{DL})

CAMBRIAN AND ORDOVICIAN

UPPER CAMBRIAN AND LOWER ORDOVICIAN

RABBITKETTLE FORMATION: alternating light grey and light brown weathering, thin bedded to laminated, fine crystalline nodular blue-grey limestone (EO_R)

Portrait Lake Formation

Lower to Upper Devonian Portrait Lake Formation (Unit DP) of the Lower Earn Group overlies Duo Lake strata. Locally the Portrait Lake Formation is a sequence of dark to light grey, tan or bluish-white weathering, dark grey to black carbonaceous to siliceous shale and thin bedded chert.

The Trois stratiform barite occurrence and an associated zinc rich breccia zone are located within Portrait Lake Formation rocks in the western corner of the property (Gordey and Anderson, 1993). Soil sampling in 1973 apparently outlined a "significant" zinc anomaly in the area (Sinclair and Gilbert, 1975).

TABLE 3
STRATIGRAPHY OF AN IDEALIZED CYCLE WITHIN THE ACTIVE
MEMBER ON THE HOWARDS PASS DISTRICT
(Morganti, 1974)

Grey Chert - light grey laminated chert

Whitish Grey Zinc-Lead Mudstone – "Sulphidite" – light grey laminated chert with up to 50% zinc and lead present as sphalerite and galena plus up to 5% framboidal pyrite; water escape structures are common

Thin Bedded Cherty Mudstone - mixture of fine grained sulphide rich mudstone laminae, soft sediment slumping structures are common, grades up to 25% zinc and lead

Cherty Mudstone - dark grey to black siliceous carbonaceous mudstone, a more siliceous variant of "Thin Bedded Cherty Mudstone", lacking limestone laminae but may contain sulphides in both mudstone and chert laminae, grades up to 25% zinc and lead

Mixed Cherty Mudstone and Limestone - cherty mudstone and light grey basal limestone, contacts between lithologies are sharp and crosscutting

Thin Bedded Calcareous Mudstone - laminated calcareous and carbonaceous mudstone, laminae contain framboidal pyrite and/or sphalerite with traces of galena, slump structures are abundant

Graded Limestone - laminated limestone with carbonaceous material on top of laminae

Light Grey Basal Limestone - light grey laminated limestone with up to 35% muscovite

Prevost Formation

Upper Devonian to Middle Mississippian Prevost Formation (Unit DMP) sediments are the youngest rocks on the Nod property. Typical Prevost Formation consists of brown weathering shale, resistant grey to grey-brown weathering chert pebble conglomerate and dark grey to black chert-quartz sandstone.

PROPERTY GEOCHEMISTRY

Soil samples were collected at 100 m intervals along two claim lines and at 200 by 50 m spacing on two small grids in areas where previous sampling had outlined anomalous response. Figure 6 shows the location of 198 soil and 40 silt samples taken in 1999 together with 33 silt samples collected in 1994. The 1999 sample sites are marked with flagging bearing the sample numbers.

The samples were all sent to Chemex Labs Ltd. in North Vancouver, B.C. where they were dried, sieved to -80 mesh, digested in nitric acid-aqua regia and geochemically analyzed for 32 elements using the Induced Coupled Plasma technique. Certificates of Analysis for the 1999 samples appear in Appendix III.

Results

Figures 7 to 9 illustrate lead, zinc and nickel values, respectively. Despite extensive glacial deposits, several areas of anomalous soil and silt geochemical response have been outlined. There are two main areas and six smaller areas of anomalous soil and silt values.

The Northwest Anomaly is a 300 by 200 m area that includes up to 4630 ppm lead and 8550 ppm zinc in soil and 1710 ppm lead and 1505 ppm zinc in silt. This area corresponds with the projected location of the Active Member within the northern limb of the syncline. Approximately 1.3 km southeast along strike two samples 50 m apart returned 62 ppm lead and 2710 ppm zinc and 60 ppm lead and 1885 ppm zinc.

The Central Anomaly comprises an 800 by 600 m area of weak to strong lead, zinc and nickel geochemical response. Peak soil values are 186 ppm lead, 2550 ppm zinc and 202 ppm nickel while peak silt values are 42 ppm lead, 2560 ppm zinc and 370 ppm nickel. This anomaly may reflect the presence of the Active Member within the southern limb of the syncline. Other geochemical anomalies are located along the same trend. A silt sample taken 1 km to the northwest returned 18 ppm lead, 4030 ppm zinc and 561 ppm nickel while an area 1.5 km to the southeast produced soil and silts taken over a 500 m length that returned up to 184 ppm lead, 5820 ppm zinc and 948 ppm nickel. The elevated nickel response associated with these anomalies may be due to a sediment hosted nickel horizon upsection (uphill) that is similar to those found in correlative Lower Devonian shales at the Nick property in central Yukon. At the eastern end of the property nearly 3 km east of the Central Anomaly, a silt sample returned 1380 ppm zinc and 117 ppm nickel while a soil sample produced 118 ppm lead and 454 ppm zinc.

Sampling in the vicinity of the Trois occurrence yielded a few weakly anomalous values up to 54 ppm lead, 1130 ppm zinc and 107 ppm nickel.

CONCLUSIONS AND RECOMMENDATIONS

The Nod claim block lies directly between, and along strike from the XY and Anniv Deposits. Active Member stratigraphy hosting the deposits project onto the property. Although the claims are heavily mantled with glacial drift, soil and silt sampling have defined scattered areas of strongly anomalous zinc and lead geochemical response. Most of the anomalous sample sites correspond with the projected trace of favourable Active Member stratigraphy.

Exploration priority should be given to detailed grid soil sampling across the entire property. All drainages should be systematically prospected and mapped to help delineate the location of the Active Member.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

A handwritten signature in black ink, appearing to be 'R.F. Gish', written over a horizontal line.

R.F. Gish, B.Sc.

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1980 Geology of the shale hosted zinc-lead deposits, Howards Pass, Yukon Territory and District, N.W.T.; unpublished M.Sc. thesis, University of Alaska.

Morganti, J.M.

1979 The geology and ore deposits of the Howards Pass area, Yukon and NWT; unpublished Ph.D. thesis, University of British Columbia, Vancouver.

Sinclair, W.D. and Gilbert, G.W.

1975 The Mineral Industry of Yukon Territory 1973; Dept. of Indian Affairs and Northern Development, EGS Report 1975-9, p.106.

APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, R. Frank Gish, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address on Bowen Island, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 1993 with a B.Sc. majoring in Geological Sciences.
2. From 1976 to 1980 and 1986 to present, I have been actively engaged in mineral exploration in the Yukon Territory and am presently employed with Archer, Cathro & Associates (1981) Limited.
3. I have personally participated in and supervised the field work reported herein.



R.F. Gish, B.Sc.

APPENDIX II
LIST OF PERSONNEL

LIST OF PERSONNEL

<u>Name</u>	<u>Position</u>	<u>Period</u>
Frank Gish	Geologist	August 15-20
Iain Weatherston	Field Assistant	August 15-20
Jason Owerko	Field Assistant	August 30

APPENDIX III
CERTIFICATES OF ANALYSIS



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

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 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 BOX 4127, 2054 SECOND AVE.
 WHITEHORSE, YT
 Y1A 3S9

Project: SELWYN-NOD
 Comments:

Page Number: 1-A
 Total: 1
 Certificate Date: 22-SEP-1999
 Invoice No.: 19928419
 P.O. Number:
 Account: MPO

CERTIFICATE OF ANALYSIS

A9928419

SAMPLE	PREP CODE		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
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BB34841	201	202	1.0	0.79	54	10	740	0.5	< 2	0.31	2.5	14	16	64	3.75	< 10	< 1	0.13	20	0.15	335
BB34842	201	202	1.0	0.56	42	< 10	420	< 0.5	< 2	0.16	3.5	5	20	79	3.35	< 10	< 1	0.24	10	0.04	70
BB34843	201	202	0.4	0.70	32	< 10	630	< 0.5	< 2	0.08	0.5	7	7	39	2.48	< 10	< 1	0.09	10	0.04	55
BB34844	201	202	1.8	0.39	38	10	700	< 0.5	< 2	1.31	20.5	19	28	111	2.95	< 10	< 1	0.07	10	0.45	470
BB34845	201	202	1.0	0.68	28	10	970	< 0.5	< 2	0.38	2.0	7	10	42	2.38	< 10	< 1	0.13	10	0.07	55
BB34846	201	202	0.8	0.51	38	10	900	< 0.5	< 2	0.50	6.0	16	16	58	3.14	< 10	< 1	0.12	10	0.05	520
BB34847	201	202	0.2	0.83	38	< 10	870	0.5	< 2	0.07	2.5	27	16	59	4.39	< 10	< 1	0.16	20	0.16	815
BB34848	201	202	0.6	0.86	44	< 10	1100	0.5	< 2	0.34	4.0	10	17	78	3.73	< 10	< 1	0.13	20	0.20	140
BB34849	201	202	0.4	0.66	34	< 10	590	0.5	< 2	1.92	6.0	12	13	33	2.68	< 10	< 1	0.11	20	0.48	335
BB34850	201	202	1.4	0.46	34	< 10	500	< 0.5	< 2	0.35	2.0	7	10	52	3.04	< 10	< 1	0.19	10	0.14	115

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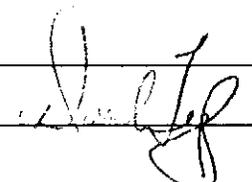
To: EXPATRIATE RESOURCES LTD.
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BOX 4127, 2054 SECOND AVE.
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Y1A 3S9

Project : SELWYN-NOD
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CERTIFICATE OF ANALYSIS A9928419

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BB34841	201	202	21	0.01	89	2050	130	0.06	4	2	28	< 0.01	< 10	< 10	88	< 10	572
BB34842	201	202	31	0.01	50	1400	54	0.42	6	3	57	< 0.01	< 10	< 10	236	< 10	376
BB34843	201	202	14	0.01	45	1050	34	0.06	< 2	1	14	< 0.01	< 10	< 10	50	< 10	228
BB34844	201	202	23	0.04	176	2260	34	0.06	8	3	29	< 0.01	< 10	< 10	165	< 10	1570
BB34845	201	202	13	0.01	51	1400	48	0.06	< 2	1	28	< 0.01	< 10	< 10	65	< 10	274
BB34846	201	202	21	0.02	102	1950	34	0.12	6	3	33	< 0.01	< 10	< 10	112	< 10	788
BB34847	201	202	12	0.01	56	1420	44	0.19	2	3	62	< 0.01	< 10	< 10	39	< 10	438
BB34848	201	202	16	0.02	89	1590	38	0.10	4	4	49	< 0.01	< 10	< 10	48	< 10	628
BB34849	201	202	9	0.03	78	1560	24	0.06	2	5	58	< 0.01	< 10	< 10	39	< 10	790
BB34850	201	202	33	0.01	51	1170	46	0.32	8	3	108	< 0.01	< 10	< 10	49	< 10	292

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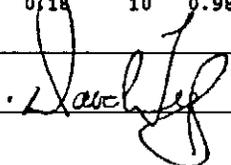
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CERTIFICATE OF ANALYSIS A9927499

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32751	201	202	1.0	0.90	26	10	1330	0.5	< 2	1.89	10.0	11	19	66	2.27	< 10	1	0.21	10	0.25	530
32752	201	202	0.6	0.65	26	10	920	0.5	< 2	1.11	3.0	11	11	46	2.52	< 10	< 1	0.22	20	0.21	200
32753	201	202	0.6	0.52	18	< 10	600	< 0.5	< 2	0.27	1.5	3	8	22	1.18	< 10	< 1	0.08	10	0.09	60
32754	201	202	1.0	0.67	18	< 10	1100	< 0.5	< 2	1.81	5.5	8	12	49	1.60	< 10	< 1	0.07	10	0.19	350
32755	201	202	0.6	0.53	16	< 10	780	< 0.5	< 2	1.53	2.0	7	9	27	1.93	< 10	< 1	0.11	10	0.24	120
32756	201	202	0.8	0.51	28	< 10	1380	< 0.5	< 2	0.46	4.0	6	14	36	1.78	< 10	< 1	0.08	10	0.11	130
32757	201	202	1.6	0.88	28	< 10	1150	< 0.5	< 2	0.52	4.5	9	21	51	2.09	< 10	< 1	0.13	20	0.14	235
32758	201	202	0.8	1.21	16	< 10	650	0.5	< 2	2.16	4.0	8	18	47	1.72	< 10	< 1	0.16	10	0.61	340
32759	201	202	0.4	0.98	8	< 10	400	< 0.5	< 2	1.47	1.5	5	13	16	1.10	< 10	< 1	0.14	10	0.37	180
32760	201	202	0.6	1.23	12	10	800	< 0.5	< 2	2.11	3.5	6	19	38	1.44	< 10	< 1	0.17	10	0.78	245
32761	201	202	1.2	0.80	16	< 10	1650	< 0.5	< 2	1.30	3.5	2	13	38	0.83	< 10	< 1	0.08	10	0.15	60
32762	201	202	1.0	0.90	26	< 10	2140	< 0.5	< 2	0.68	8.0	5	20	56	1.15	< 10	< 1	0.12	10	0.13	160
32763	201	202	1.0	1.08	20	10	1120	0.5	< 2	1.15	4.0	8	22	39	1.93	< 10	< 1	0.25	20	0.53	215
32764	201	202	1.0	0.61	16	10	630	< 0.5	< 2	0.82	4.0	10	15	43	2.28	< 10	< 1	0.14	20	0.15	275
32765	201	202	0.8	0.76	28	< 10	910	< 0.5	< 2	0.31	2.0	5	18	44	2.03	< 10	< 1	0.12	20	0.14	70
32766	201	202	1.2	1.07	22	< 10	560	< 0.5	< 2	0.28	1.5	7	20	53	2.60	< 10	< 1	0.13	20	0.09	115
32767	201	202	1.6	1.75	18	< 10	720	1.5	< 2	1.45	63.0	103	17	135	2.21	< 10	< 1	0.16	20	0.62	7160
32768	201	202	1.0	0.71	16	< 10	460	< 0.5	< 2	0.15	1.5	3	14	27	1.08	< 10	< 1	0.11	10	0.11	100
32769	201	202	0.6	0.96	22	< 10	990	< 0.5	< 2	0.65	2.0	6	22	40	1.44	< 10	< 1	0.16	30	0.21	180
32770	201	202	1.0	0.79	22	< 10	1220	0.5	< 2	1.29	5.0	6	18	50	1.71	< 10	< 1	0.16	20	0.23	120
32771	201	202	1.6	0.68	18	< 10	590	< 0.5	< 2	0.58	4.5	4	15	53	1.64	< 10	< 1	0.12	20	0.18	70
32772	201	202	0.8	0.87	22	< 10	750	< 0.5	< 2	1.17	3.0	7	14	36	1.65	< 10	< 1	0.12	10	0.23	285
32773	201	202	1.0	1.16	20	< 10	820	< 0.5	< 2	1.39	7.5	8	23	86	1.86	< 10	< 1	0.19	20	0.63	175
32774	201	202	0.6	0.65	14	< 10	740	< 0.5	< 2	1.67	2.0	4	11	29	1.05	< 10	< 1	0.10	10	0.21	100
32775	201	202	1.0	1.42	22	10	1210	0.5	< 2	1.42	3.0	7	25	43	1.92	< 10	< 1	0.25	20	0.75	190
32776	201	202	1.0	1.48	8	10	550	0.5	< 2	2.03	2.5	7	21	36	1.68	< 10	< 1	0.20	10	1.20	240
32777	201	202	1.4	1.12	10	< 10	510	0.5	< 2	1.59	2.0	6	17	46	1.49	< 10	< 1	0.16	10	0.88	140
32778	201	202	0.6	1.31	18	10	1160	< 0.5	< 2	1.33	2.0	7	18	27	1.72	< 10	< 1	0.17	20	0.84	280
32779	201	202	0.6	2.08	18	10	750	0.5	< 2	1.66	2.0	8	26	33	2.12	< 10	< 1	0.25	20	1.59	300
32780	201	202	1.0	1.07	20	10	990	0.5	< 2	1.09	3.5	11	19	38	1.89	< 10	< 1	0.25	20	0.32	290
32781	201	202	1.4	0.85	26	< 10	560	0.5	< 2	1.35	3.0	10	12	51	1.99	< 10	< 1	0.15	10	0.26	255
32782	201	202	1.6	0.84	20	10	600	0.5	< 2	1.54	4.5	9	12	62	2.09	< 10	< 1	0.19	10	0.29	260
32783	201	202	1.2	0.73	38	< 10	590	< 0.5	< 2	1.78	8.0	14	13	50	2.08	< 10	< 1	0.10	10	0.24	685
32784	201	202	1.4	0.76	92	< 10	350	0.5	< 2	1.79	9.5	31	14	61	3.07	< 10	< 1	0.14	10	0.29	765
32785	201	202	0.8	0.92	18	< 10	560	0.5	< 2	0.99	2.5	7	12	37	2.02	< 10	< 1	0.11	10	0.33	210
32786	201	202	0.8	0.89	14	< 10	730	0.5	< 2	1.39	2.5	9	14	37	1.97	< 10	< 1	0.15	10	0.41	245
32787	201	202	1.0	0.96	8	10	640	< 0.5	< 2	2.37	4.5	8	16	31	1.65	< 10	< 1	0.18	10	0.43	195
32788	201	202	0.8	1.28	14	< 10	560	0.5	< 2	1.63	2.5	12	16	29	1.91	< 10	< 1	0.16	10	0.50	650
32789	201	202	0.8	1.18	8	< 10	560	< 0.5	< 2	1.44	2.5	5	18	34	1.23	< 10	< 1	0.16	10	0.54	165
32790	201	202	1.4	0.98	24	< 10	550	1.0	< 2	1.92	28.0	15	16	72	2.58	< 10	< 1	0.18	10	0.98	795

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32752	201 202	25	< 0.01	78	2590	54	0.11	6	4	43	< 0.01	< 10	< 10	80	< 10	620
32753	201 202	6	0.01	21	1140	36	0.07	< 2	< 1	14	< 0.01	< 10	< 10	44	< 10	170
32754	201 202	4	0.01	46	1300	32	0.08	< 2	2	54	< 0.01	< 10	< 10	82	< 10	374
32755	201 202	7	0.02	69	1840	38	0.06	2	3	39	< 0.01	< 10	< 10	56	< 10	770
32756	201 202	10	0.01	47	1280	32	0.04	2	1	32	< 0.01	< 10	< 10	120	< 10	460
32757	201 202	14	0.01	56	2450	34	0.02	2	1	52	< 0.01	< 10	< 10	191	< 10	572
32758	201 202	4	0.02	39	1290	26	0.09	< 2	3	71	< 0.01	< 10	< 10	98	< 10	346
32759	201 202	3	0.03	13	990	16	0.07	< 2	1	47	< 0.01	< 10	< 10	66	< 10	134
32760	201 202	4	0.01	36	1280	22	0.07	< 2	3	67	< 0.01	< 10	< 10	99	< 10	270
32761	201 202	6	0.03	27	1290	10	0.09	< 2	1	54	< 0.01	< 10	< 10	73	< 10	158
32762	201 202	8	0.01	52	940	30	0.08	2	2	46	< 0.01	< 10	< 10	136	< 10	228
32763	201 202	8	0.01	67	2070	46	0.05	< 2	3	49	< 0.01	< 10	< 10	139	< 10	576
32764	201 202	15	0.02	101	1750	28	0.04	2	3	24	< 0.01	< 10	< 10	74	< 10	840
32765	201 202	15	0.01	52	1360	36	0.04	4	1	32	< 0.01	< 10	< 10	128	< 10	346
32766	201 202	15	0.01	72	3430	26	0.05	2	3	21	< 0.01	< 10	< 10	131	< 10	428
32767	201 202	14	0.08	561	1590	18	0.09	6	3	35	< 0.01	< 10	10	76	< 10	4030
32768	201 202	7	0.01	27	1220	20	0.03	< 2	< 1	15	< 0.01	< 10	< 10	104	< 10	190
32769	201 202	9	0.01	30	1400	26	0.03	2	3	52	< 0.01	< 10	< 10	185	< 10	282
32770	201 202	7	0.01	46	1840	26	0.07	6	3	67	< 0.01	< 10	< 10	192	< 10	514
32771	201 202	10	0.01	44	1320	32	0.02	2	2	42	< 0.01	< 10	< 10	122	< 10	486
32772	201 202	7	0.02	36	1380	30	0.04	< 2	2	56	< 0.01	< 10	< 10	103	< 10	334
32773	201 202	6	0.01	54	1480	30	0.05	2	3	68	< 0.01	< 10	< 10	163	< 10	552
32774	201 202	4	0.03	25	780	20	0.06	< 2	1	58	< 0.01	< 10	< 10	99	< 10	180
32775	201 202	6	0.01	49	1640	28	0.07	< 2	3	61	< 0.01	< 10	< 10	129	< 10	384
32776	201 202	3	0.01	39	1190	24	0.08	< 2	3	64	< 0.01	< 10	< 10	73	< 10	270
32777	201 202	5	0.01	48	1420	30	0.07	< 2	2	49	< 0.01	< 10	< 10	59	< 10	308
32778	201 202	5	0.01	34	1290	22	0.06	< 2	3	48	< 0.01	< 10	< 10	60	< 10	254
32779	201 202	4	0.02	44	1290	24	0.06	< 2	4	60	< 0.01	< 10	< 10	72	< 10	336
32780	201 202	7	0.01	70	2220	34	0.05	< 2	3	47	< 0.01	< 10	< 10	90	< 10	636
32781	201 202	10	0.01	60	1620	34	0.07	2	3	48	< 0.01	< 10	< 10	52	< 10	478
32782	201 202	11	0.02	78	1650	40	0.07	2	3	50	< 0.01	< 10	< 10	54	< 10	644
32783	201 202	8	0.06	202	1460	30	0.11	2	2	42	< 0.01	< 10	< 10	65	< 10	2550
32784	201 202	18	0.06	237	2360	42	0.08	4	3	44	< 0.01	< 10	< 10	67	< 10	2560
32785	201 202	7	0.02	57	1350	34	0.06	2	3	38	< 0.01	< 10	< 10	46	< 10	558
32786	201 202	7	0.02	65	1480	40	0.07	2	3	44	< 0.01	< 10	< 10	52	< 10	528
32787	201 202	5	0.02	55	1470	30	0.13	2	2	57	< 0.01	< 10	< 10	57	< 10	454
32788	201 202	6	0.02	41	1420	30	0.10	2	2	51	< 0.01	< 10	< 10	68	< 10	390
32789	201 202	5	0.01	32	1220	26	0.06	2	2	49	< 0.01	< 10	< 10	90	< 10	238
32790	201 202	14	0.04	370	1750	28	0.14	2	3	65	< 0.01	< 10	< 10	72	< 10	1625

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32791	201	202	0.6	0.58	24	< 10	570	0.5	< 2	0.97	4.5	6	14	46	1.91	< 10	< 1	0.17	20	0.32	180
32792	201	202	0.6	0.72	22	< 10	790	0.5	< 2	1.53	1.5	7	12	28	2.00	< 10	< 1	0.14	10	0.25	180
32793	201	202	0.8	0.78	18	< 10	840	0.5	< 2	1.23	2.0	7	13	38	1.98	< 10	< 1	0.19	20	0.22	145
32794	201	202	0.6	0.87	14	< 10	590	0.5	< 2	1.26	1.5	7	14	29	1.86	< 10	< 1	0.21	20	0.30	150
32795	201	202	0.2	0.96	16	< 10	480	0.5	< 2	1.48	1.5	7	14	26	2.00	< 10	< 1	0.17	20	0.41	260
32796	201	202	< 0.2	0.77	4	< 10	320	0.5	< 2	1.46	< 0.5	6	10	18	1.63	< 10	< 1	0.10	10	0.54	230
32797	201	202	0.2	0.77	8	< 10	470	0.5	< 2	1.95	0.5	6	11	24	1.68	< 10	< 1	0.11	10	0.43	235
32798	201	202	0.6	0.55	18	< 10	960	0.5	< 2	1.16	3.5	7	10	39	2.06	< 10	< 1	0.11	10	0.23	220
32799	201	202	0.2	0.61	26	< 10	940	< 0.5	< 2	0.18	0.5	5	12	31	2.07	< 10	< 1	0.11	10	0.15	75
32800	201	202	0.4	0.85	14	< 10	710	0.5	< 2	0.70	2.5	12	14	39	2.87	< 10	< 1	0.14	20	0.20	650
32801	201	202	1.0	0.79	12	< 10	1360	< 0.5	< 2	1.06	2.5	4	10	40	1.41	< 10	< 1	0.14	< 10	0.19	110
32802	201	202	0.6	1.02	26	< 10	450	0.5	< 2	0.69	3.0	14	11	72	2.57	< 10	< 1	0.12	10	0.21	445
32803	201	202	0.6	0.96	20	< 10	1000	0.5	< 2	0.53	2.0	8	16	35	2.45	< 10	< 1	0.23	20	0.34	240
32804	201	202	0.8	0.86	14	< 10	1030	0.5	< 2	0.70	< 0.5	10	11	29	2.12	< 10	< 1	0.16	10	0.16	350
32805	201	202	0.2	0.79	14	< 10	710	0.5	< 2	1.18	3.0	8	12	29	1.88	< 10	< 1	0.15	10	0.29	340
32806	201	202	0.2	0.71	18	< 10	540	0.5	< 2	1.11	2.0	11	11	35	2.12	< 10	< 1	0.12	10	0.29	350
32807	201	202	0.2	0.87	8	< 10	880	0.5	< 2	0.89	1.5	7	14	27	1.91	< 10	< 1	0.18	20	0.32	255
32808	201	202	1.0	0.70	24	< 10	700	0.5	< 2	1.39	4.5	8	16	74	2.56	< 10	< 1	0.21	10	0.21	120
32809	201	202	0.8	0.62	12	< 10	1010	< 0.5	< 2	0.67	1.0	8	9	41	1.67	< 10	< 1	0.10	10	0.12	425
32810	201	202	1.2	0.52	36	< 10	360	0.5	< 2	1.30	5.0	8	9	71	2.64	< 10	< 1	0.12	10	0.21	200
32811	201	202	0.6	0.59	60	< 10	240	0.5	< 2	0.12	1.0	17	10	52	3.56	< 10	< 1	0.14	10	0.05	460
32812	201	202	1.0	0.46	52	< 10	640	0.5	< 2	1.56	8.0	15	16	95	3.23	< 10	< 1	0.16	20	0.54	525
32813	201	202	0.4	0.83	8	< 10	1120	< 0.5	< 2	1.30	2.5	7	11	21	1.37	< 10	< 1	0.12	10	0.19	615
32814	201	202	0.4	0.69	10	< 10	810	< 0.5	< 2	0.46	0.5	11	11	15	1.82	< 10	< 1	0.13	10	0.17	600
32815	201	202	0.6	0.89	26	< 10	540	0.5	< 2	1.27	17.5	10	17	55	2.67	< 10	< 1	0.26	20	0.34	550
32816	201	202	0.2	0.81	10	< 10	900	0.5	< 2	1.24	< 0.5	7	10	31	2.07	< 10	< 1	0.10	20	0.19	345
32817	201	202	< 0.2	0.59	4	< 10	450	< 0.5	< 2	1.23	0.5	5	7	13	1.45	< 10	< 1	0.13	10	0.15	260
32818	201	202	0.2	0.82	10	< 10	750	0.5	< 2	1.65	0.5	7	11	22	1.80	< 10	< 1	0.19	20	0.23	315
32819	201	202	0.2	0.26	< 2	< 10	200	< 0.5	< 2	3.11	0.5	1	3	9	0.39	< 10	< 1	0.04	< 10	0.06	135
32820	201	202	0.8	0.81	12	< 10	490	0.5	< 2	1.29	8.0	9	14	50	1.77	< 10	< 1	0.17	20	0.14	290
32821	201	202	0.6	1.01	14	< 10	840	0.5	< 2	1.79	21.5	6	14	38	1.87	< 10	< 1	0.17	10	0.43	170
32822	201	202	0.2	1.12	4	< 10	370	0.5	< 2	1.75	3.5	3	9	34	1.04	< 10	< 1	0.11	< 10	0.27	305
32823	201	202	0.6	1.00	6	< 10	490	0.5	< 2	1.24	3.0	6	16	42	1.75	< 10	< 1	0.17	10	0.54	155
32824	201	202	0.6	0.99	16	< 10	430	0.5	< 2	1.52	0.5	9	11	42	1.83	< 10	< 1	0.12	10	0.54	235
32825	201	202	< 0.2	2.07	12	< 10	360	1.0	< 2	1.04	< 0.5	8	27	24	2.44	10	< 1	0.24	20	2.14	230
32826	201	202	< 0.2	0.68	2	< 10	140	< 0.5	< 2	0.79	0.5	1	9	5	0.61	< 10	< 1	0.06	< 10	0.40	15
32827	201	202	< 0.2	0.55	< 2	< 10	140	< 0.5	< 2	1.48	< 0.5	1	3	9	0.39	< 10	< 1	0.03	< 10	0.25	40
32828	201	202	0.6	1.28	8	< 10	570	0.5	< 2	1.89	1.0	7	18	39	1.95	< 10	< 1	0.16	10	0.58	135
32829	201	202	0.6	0.74	10	< 10	640	< 0.5	< 2	0.28	0.5	4	12	15	1.33	< 10	< 1	0.11	10	0.12	130
32830	201	202	0.4	1.61	12	< 10	1030	2.0	< 2	0.17	9.0	34	11	52	2.26	< 10	< 1	0.15	10	0.11	570

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project: SELWYN-NOD
Comments:

Page Number: 2-B
Total Pages: 6
Certificate Date: 13-SEP-1999
Invoice No.: 19927499
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS A9927499

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
32791	201 202	14	< 0.01	64	1110	30	0.11	6	3	61	< 0.01	< 10	< 10	82	< 10	440
32792	201 202	9	0.01	38	1290	28	0.08	6	3	46	< 0.01	< 10	< 10	53	< 10	322
32793	201 202	8	0.01	40	1340	32	0.07	2	4	39	< 0.01	< 10	< 10	76	< 10	394
32794	201 202	5	0.01	37	1380	34	0.06	4	4	50	< 0.01	< 10	< 10	87	< 10	320
32795	201 202	5	0.01	27	1170	28	0.07	2	4	46	< 0.01	< 10	< 10	59	< 10	240
32796	201 202	4	0.01	18	810	20	0.08	2	3	47	< 0.01	< 10	< 10	31	< 10	156
32797	201 202	3	0.01	27	1170	24	0.09	4	3	60	< 0.01	< 10	< 10	39	< 10	210
32798	201 202	12	0.01	118	1430	30	0.09	4	4	65	< 0.01	< 10	< 10	43	< 10	738
32799	201 202	14	0.01	46	1980	60	0.11	4	1	23	< 0.01	< 10	< 10	93	< 10	294
32800	201 202	11	0.01	49	1290	28	0.04	2	3	37	< 0.01	< 10	< 10	44	< 10	344
32801	201 202	6	0.01	100	1020	30	0.12	2	2	98	< 0.01	< 10	10	36	< 10	328
32802	201 202	6	0.01	120	1230	32	0.14	4	2	67	< 0.01	< 10	< 10	27	< 10	348
32803	201 202	11	< 0.01	51	1520	70	0.04	2	4	25	< 0.01	< 10	< 10	63	< 10	536
32804	201 202	12	0.02	40	1260	42	0.06	2	2	28	< 0.01	< 10	< 10	58	< 10	262
32805	201 202	7	0.01	58	1930	42	0.05	4	3	39	< 0.01	< 10	< 10	45	< 10	1605
32806	201 202	9	< 0.01	50	1470	50	0.05	4	3	35	< 0.01	< 10	< 10	37	< 10	658
32807	201 202	6	0.01	38	1500	66	0.05	2	3	29	< 0.01	< 10	< 10	55	< 10	468
32808	201 202	12	< 0.01	92	3320	194	0.16	6	3	61	< 0.01	< 10	< 10	68	< 10	1740
32809	201 202	8	0.01	37	1250	82	0.05	2	1	29	< 0.01	< 10	< 10	44	< 10	260
32810	201 202	23	< 0.01	84	1550	58	0.11	6	3	39	< 0.01	< 10	< 10	62	< 10	904
32811	201 202	15	0.02	45	1070	22	0.11	6	1	25	< 0.01	< 10	< 10	69	< 10	274
32812	201 202	22	< 0.01	112	1680	34	0.13	14	5	42	< 0.01	< 10	< 10	123	< 10	664
32813	201 202	4	0.02	23	1190	30	0.09	2	2	43	< 0.01	< 10	< 10	47	< 10	222
32814	201 202	5	0.02	18	1060	42	0.06	2	1	22	< 0.01	< 10	< 10	60	< 10	156
32815	201 202	11	< 0.01	948	2820	42	0.12	8	3	51	< 0.01	< 10	< 10	71	< 10	3680
32816	201 202	5	< 0.01	30	1550	26	0.08	2	3	36	< 0.01	< 10	< 10	35	< 10	156
32817	201 202	1	0.01	18	1480	22	0.04	2	3	28	< 0.01	< 10	< 10	32	< 10	184
32818	201 202	3	0.01	24	1530	34	0.08	< 2	3	44	< 0.01	< 10	< 10	49	< 10	238
32819	201 202	4	0.01	8	830	2	0.14	< 2	< 1	55	< 0.01	< 10	< 10	8	< 10	104
32820	201 202	7	< 0.01	59	1890	184	0.07	6	3	52	< 0.01	< 10	< 10	95	< 10	1785
32821	201 202	9	0.01	207	1540	140	0.11	2	2	52	< 0.01	< 10	< 10	62	< 10	5820
32822	201 202	4	0.04	105	1000	16	0.13	2	1	34	< 0.01	< 10	< 10	30	< 10	2590
32823	201 202	7	0.01	79	1400	26	0.08	2	3	51	< 0.01	< 10	< 10	50	< 10	522
32824	201 202	14	0.01	49	1000	22	0.09	6	3	51	< 0.01	< 10	< 10	41	< 10	240
32825	201 202	3	< 0.01	32	1210	26	0.05	2	5	42	< 0.01	< 10	< 10	66	< 10	210
32826	201 202	3	0.02	4	790	6	0.12	< 2	< 1	36	< 0.01	< 10	< 10	24	< 10	66
32827	201 202	2	0.05	3	410	2	0.08	2	< 1	53	0.01	< 10	< 10	10	< 10	24
32828	201 202	6	0.01	42	990	22	0.11	6	4	64	< 0.01	< 10	< 10	69	< 10	238
32829	201 202	7	0.04	21	720	22	0.03	4	1	16	< 0.01	< 10	< 10	91	< 10	184
32830	201 202	9	< 0.01	117	580	18	0.14	4	3	30	< 0.01	< 10	< 10	57	< 10	1380

CERTIFICATION:



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Analytical Chemists * Geochemists * Registered Assayers

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To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project : SELWYN-NOD
Comments:

Page Number : 3-A
Total : 6
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Account : MPO

CERTIFICATE OF ANALYSIS A9927499

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
32831	201 202	0.6	1.45	18	< 10	270	0.5	< 2	0.06	0.5	8	23	55	3.20	< 10	< 1	0.17	10	0.21	170
32832	201 202	0.2	0.44	6	< 10	280	< 0.5	< 2	0.12	< 0.5	1	6	12	0.73	< 10	< 1	0.09	10	0.03	20
32833	201 202	0.6	1.04	8	< 10	1170	0.5	< 2	0.33	2.0	7	15	31	1.78	< 10	< 1	0.15	10	0.16	150
32834	201 202	0.2	0.90	12	< 10	900	< 0.5	< 2	0.56	0.5	6	14	21	1.77	< 10	< 1	0.13	10	0.25	195
32835	201 202	0.2	0.65	2	< 10	830	< 0.5	< 2	2.68	< 0.5	1	3	40	0.39	< 10	< 1	0.03	< 10	0.05	55
32836	201 202	0.2	1.04	10	< 10	490	0.5	< 2	1.01	< 0.5	7	13	26	2.11	< 10	< 1	0.11	10	0.47	235
32837	201 202	< 0.2	1.37	10	< 10	610	0.5	< 2	0.81	< 0.5	9	18	24	2.19	< 10	< 1	0.12	20	0.91	210
32838	201 202	0.6	0.80	14	< 10	220	0.5	< 2	5.32	2.0	8	12	39	2.07	< 10	< 1	0.18	10	0.84	205
32839	201 202	1.0	1.25	14	< 10	250	0.5	< 2	1.16	2.0	8	19	38	2.19	< 10	< 1	0.23	20	0.80	145
32840	201 202	0.6	0.85	12	< 10	280	0.5	< 2	6.40	4.5	5	14	33	1.70	< 10	< 1	0.22	10	0.91	140
32841	201 202	0.6	1.01	14	< 10	310	0.5	< 2	2.48	2.5	6	15	34	1.85	< 10	< 1	0.25	20	0.71	125
32842	201 202	0.6	0.85	16	< 10	300	0.5	< 2	1.75	2.5	7	12	37	1.86	< 10	< 1	0.22	20	0.58	150
32843	201 202	1.0	0.68	22	< 10	600	0.5	< 2	1.53	7.0	7	19	65	2.02	< 10	< 1	0.20	10	0.47	170
32844	201 202	0.6	0.89	18	< 10	1150	0.5	< 2	0.52	0.5	6	16	36	1.90	< 10	< 1	0.10	20	0.20	245
32845	201 202	0.6	0.71	10	< 10	650	< 0.5	< 2	0.80	2.5	6	11	35	1.36	< 10	< 1	0.12	10	0.21	315
32846	201 202	0.8	0.59	12	< 10	510	< 0.5	< 2	0.71	3.5	5	11	35	1.53	< 10	< 1	0.12	10	0.22	345
32847	201 202	0.8	0.73	16	< 10	760	0.5	< 2	1.15	5.0	5	15	43	1.92	< 10	< 1	0.18	20	0.40	50
32848	201 202	0.6	0.80	8	< 10	930	0.5	< 2	1.19	6.0	7	18	37	1.79	< 10	< 1	0.19	20	0.32	200
32849	201 202	0.6	0.74	18	< 10	1060	0.5	< 2	1.62	4.5	6	12	46	1.77	< 10	< 1	0.12	10	0.28	205
32850	201 202	0.6	0.70	10	< 10	860	0.5	< 2	0.95	3.0	6	14	33	1.71	< 10	< 1	0.13	20	0.24	155
32851	201 202	0.6	0.66	18	< 10	590	< 0.5	< 2	0.99	1.5	7	12	29	1.87	< 10	< 1	0.08	10	0.22	190
32852	201 202	0.4	0.68	10	< 10	260	< 0.5	< 2	1.17	1.0	3	9	20	1.29	< 10	< 1	0.08	10	0.27	125
32853	201 202	< 0.2	0.96	6	< 10	210	< 0.5	< 2	5.71	3.5	7	14	20	1.74	< 10	< 1	0.17	10	1.00	225
32854	201 202	< 0.2	1.37	18	< 10	480	0.5	< 2	0.42	1.5	8	26	27	2.54	< 10	< 1	0.20	20	0.49	215
32855	201 202	0.2	0.23	< 2	< 10	380	< 0.5	< 2	0.18	1.5	1	7	6	0.42	< 10	< 1	0.04	< 10	0.04	25
32856	201 202	0.2	0.65	10	< 10	860	< 0.5	< 2	0.64	2.5	5	12	27	1.43	< 10	< 1	0.09	10	0.17	250
32857	201 202	0.8	1.19	28	< 10	970	0.5	< 2	1.33	29.0	7	31	90	1.86	< 10	< 1	0.21	20	0.39	200
32858	201 202	0.6	0.91	22	< 10	600	0.5	< 2	1.23	9.0	7	21	40	1.75	< 10	< 1	0.13	10	0.40	215
32859	201 202	0.4	0.75	16	< 10	1140	< 0.5	< 2	1.25	7.5	7	14	34	1.44	< 10	< 1	0.11	10	0.28	345
32860	201 202	< 0.2	1.20	14	< 10	1300	0.5	< 2	1.76	5.5	6	16	27	1.83	< 10	< 1	0.15	10	0.51	200
32861	201 202	0.4	1.06	8	< 10	460	< 0.5	< 2	2.74	5.5	4	13	39	1.28	< 10	< 1	0.12	10	0.52	220
32862	201 202	0.2	1.25	34	< 10	470	0.5	< 2	1.55	1.0	7	16	19	2.42	< 10	< 1	0.20	10	0.88	115
32863	201 202	0.2	1.07	12	< 10	470	< 0.5	< 2	1.56	1.0	7	14	26	2.05	< 10	< 1	0.17	10	0.69	545
32864	201 202	0.2	0.90	8	< 10	610	< 0.5	< 2	1.82	1.5	6	12	19	1.71	< 10	< 1	0.13	10	0.65	195
32865	201 202	0.4	0.99	26	< 10	510	< 0.5	< 2	1.62	0.5	7	13	25	2.25	< 10	< 1	0.15	10	0.74	120
32866	201 202	0.4	0.68	12	< 10	790	< 0.5	< 2	1.27	0.5	5	10	26	1.56	< 10	< 1	0.07	10	0.25	100
32867	201 202	< 0.2	0.87	6	< 10	810	< 0.5	< 2	2.48	1.5	6	11	15	1.57	< 10	< 1	0.14	10	0.66	255
32868	201 202	< 0.2	1.36	10	< 10	580	0.5	< 2	1.10	0.5	8	14	24	2.15	< 10	< 1	0.19	20	0.59	155
32869	201 202	0.4	1.02	8	< 10	1080	0.5	< 2	2.05	1.0	6	14	22	1.89	< 10	< 1	0.20	20	0.66	120
32870	201 202	0.2	1.04	8	< 10	590	< 0.5	< 2	2.06	1.0	6	12	23	1.73	< 10	< 1	0.18	10	0.59	240

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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
32831	201 202	9 < 0.01		55	680	116	0.04	6	3	14 < 0.01	< 10	< 10	< 10	134	< 10	454
32832	201 202	3 0.03		8	580	8	0.03	< 2	< 1	8 < 0.01	< 10	< 10	< 10	54	< 10	62
32833	201 202	4 0.03		32	680	20	0.04	2	2	20 < 0.01	< 10	< 10	< 10	99	< 10	266
32834	201 202	5 0.01		23	930	18	0.04	2	2	27 < 0.01	< 10	< 10	< 10	83	< 10	216
32835	201 202	3 0.03		14	600	2	0.12	2	< 1	65 0.01	< 10	< 10	< 10	8	< 10	20
32836	201 202	5 0.01		22	900	16	0.06	2	3	33 < 0.01	< 10	< 10	< 10	40	< 10	178
32837	201 202	4 < 0.01		25	850	18	0.05	6	4	29 < 0.01	< 10	< 10	< 10	41	< 10	166
32838	201 202	13 0.01		52	1170	50	0.06	6	4	81 < 0.01	< 10	< 10	< 10	53	< 10	396
32839	201 202	11 0.01		44	660	34	0.06	2	4	31 < 0.01	< 10	< 10	< 10	114	< 10	386
32840	201 202	12 0.01		46	1020	20	0.09	6	3	79 < 0.01	< 10	< 10	< 10	66	< 10	394
32841	201 202	13 0.01		57	940	22	0.09	2	3	45 < 0.01	< 10	< 10	< 10	78	< 10	410
32842	201 202	13 0.01		65	1420	16	0.06	2	3	38 < 0.01	< 10	< 10	< 10	73	< 10	450
32843	201 202	17 < 0.01		82	1550	24	0.07	6	3	52 < 0.01	< 10	< 10	< 10	171	< 10	680
32844	201 202	14 0.01		31	1170	32	0.03	4	1	37 < 0.01	< 10	< 10	< 10	133	< 10	278
32845	201 202	10 0.03		34	760	18	0.04	4	1	32 < 0.01	< 10	< 10	< 10	88	< 10	326
32846	201 202	9 0.01		41	700	16	0.04	4	2	26 < 0.01	< 10	< 10	< 10	100	< 10	404
32847	201 202	9 < 0.01		69	1520	60	0.05	4	3	45 < 0.01	< 10	< 10	< 10	117	< 10	1885
32848	201 202	9 < 0.01		84	2230	62	0.05	2	3	61 < 0.01	< 10	< 10	< 10	151	< 10	2170
32849	201 202	10 0.01		56	1140	54	0.08	2	3	43 < 0.01	< 10	< 10	< 10	80	< 10	498
32850	201 202	7 < 0.01		39	1820	62	0.04	2	3	52 < 0.01	< 10	< 10	< 10	127	< 10	500
32851	201 202	8 < 0.01		31	1250	66	0.04	6	3	40 < 0.01	< 10	< 10	< 10	101	< 10	440
32852	201 202	2 0.03		28	1020	10	0.04	2	2	30 < 0.01	< 10	< 10	< 10	60	< 10	196
32853	201 202	6 < 0.01		41	1390	12	0.09	6	3	89 < 0.01	< 10	< 10	< 10	30	< 10	542
32854	201 202	7 < 0.01		54	2100	30	0.01	6	3	26 < 0.01	< 10	< 10	< 10	214	< 10	538
32855	201 202	< 1 0.04		8	510	2	0.08	2	< 1	10 0.01	< 10	< 10	< 10	36	< 10	48
32856	201 202	6 0.01		33	1030	14	0.04	2	1	24 < 0.01	< 10	< 10	< 10	93	< 10	248
32857	201 202	7 0.01		98	1550	36	0.06	8	3	56 < 0.01	< 10	< 10	< 10	496	< 10	2030
32858	201 202	3 < 0.01		50	1390	26	0.05	4	3	42 < 0.01	< 10	< 10	< 10	332	< 10	958
32859	201 202	3 0.01		50	970	18	0.06	2	2	43 < 0.01	< 10	< 10	< 10	137	< 10	666
32860	201 202	2 0.01		42	840	22	0.08	< 2	3	50 < 0.01	< 10	< 10	< 10	86	< 10	856
32861	201 202	3 0.01		45	890	14	0.16	2	1	108 < 0.01	< 10	< 10	< 10	63	< 10	454
32862	201 202	3 0.01		28	1230	16	0.10	2	4	59 < 0.01	< 10	< 10	< 10	56	< 10	228
32863	201 202	3 0.01		30	1200	20	0.13	< 2	3	69 < 0.01	< 10	< 10	< 10	42	< 10	226
32864	201 202	2 0.01		29	1260	18	0.05	2	3	55 < 0.01	< 10	< 10	< 10	42	< 10	304
32865	201 202	3 0.01		30	1350	20	0.08	2	4	52 < 0.01	< 10	< 10	< 10	42	< 10	234
32866	201 202	5 0.01		26	960	24	0.06	< 2	1	46 < 0.01	< 10	< 10	< 10	57	< 10	208
32867	201 202	2 0.01		25	1310	16	0.04	2	3	68 < 0.01	< 10	< 10	< 10	50	< 10	294
32868	201 202	4 0.01		33	1050	24	0.06	2	4	36 < 0.01	< 10	< 10	< 10	52	< 10	226
32869	201 202	4 < 0.01		31	1310	22	0.04	2	4	49 < 0.01	< 10	< 10	< 10	51	< 10	234
32870	201 202	3 0.01		27	970	16	0.07	< 2	3	64 < 0.01	< 10	< 10	< 10	48	< 10	206

CERTIFICATION: _____



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
 BOX 4127, 2054 SECOND AVE.
 WHITEHORSE, YT
 Y1A 3S9

Project: SELWYN-NOD
 Comments:

Page Number: 4-A
 Total Pages: 6
 Certificate Date: 13-SEP-1999
 Invoice No.: I9927499
 P.O. Number:
 Account: MPO

CERTIFICATE OF ANALYSIS A9927499

SAMPLE	PREP CODE		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
32871	201	202	0.4	0.76	6	< 10	600	< 0.5	< 2	1.57	0.5	4	8	20	0.95	< 10	< 1	0.05	< 10	0.14	195
32872	201	202	< 0.2	2.15	12	< 10	160	0.5	< 2	2.13	< 0.5	12	26	11	2.43	10	< 1	0.31	30	1.94	520
32873	201	202	0.2	1.12	12	< 10	640	0.5	< 2	3.16	8.5	25	13	41	2.03	< 10	< 1	0.12	10	0.37	5360
32874	201	202	< 0.2	1.40	8	< 10	410	0.5	< 2	1.94	1.0	8	17	17	2.36	< 10	< 1	0.17	10	0.94	335
32875	201	202	0.8	0.76	26	< 10	1720	0.5	< 2	0.78	6.0	10	20	72	2.50	< 10	< 1	0.15	10	0.33	225
32876	201	202	< 0.2	0.88	2	< 10	140	< 0.5	< 2	2.77	0.5	3	5	11	0.67	< 10	< 1	0.03	< 10	0.20	235
32877	201	202	0.2	1.05	10	< 10	250	0.5	< 2	1.80	1.5	7	14	14	1.79	< 10	< 1	0.17	10	0.63	330
32878	201	202	0.2	0.99	10	< 10	230	0.5	< 2	2.47	< 0.5	8	12	16	2.02	< 10	< 1	0.14	10	0.78	225
32879	201	202	< 0.2	1.06	6	< 10	320	0.5	< 2	1.23	0.5	8	12	15	2.15	< 10	1	0.09	10	0.60	250
32880	201	202	< 0.2	0.88	6	< 10	320	0.5	< 2	2.53	2.0	7	12	24	2.02	< 10	< 1	0.11	10	0.69	325
32881	201	202	< 0.2	0.98	10	< 10	190	0.5	< 2	2.79	0.5	8	13	15	2.32	< 10	< 1	0.14	10	0.92	265
32882	201	202	< 0.2	1.13	10	< 10	170	0.5	< 2	1.33	< 0.5	10	13	14	2.49	< 10	< 1	0.15	20	0.60	295
32883	201	202	0.2	1.57	12	< 10	210	0.5	< 2	1.45	< 0.5	13	18	18	3.34	< 10	< 1	0.19	10	0.88	275
32884	201	202	0.4	1.45	12	< 10	430	0.5	< 2	1.47	< 0.5	7	11	34	2.42	< 10	1	0.18	20	0.42	155
32885	201	202	0.8	0.88	16	< 10	250	0.5	< 2	0.94	1.0	10	10	17	2.37	< 10	< 1	0.15	20	0.36	285
32886	201	202	0.2	1.78	8	< 10	340	0.5	< 2	2.30	< 0.5	8	21	17	2.19	< 10	< 1	0.30	20	1.48	290
32887	201	202	< 0.2	1.24	2	< 10	350	< 0.5	< 2	2.39	3.0	5	9	20	0.96	< 10	< 1	0.08	10	0.50	645
32888	201	202	0.2	1.60	10	< 10	290	0.5	< 2	2.42	< 0.5	7	18	14	1.95	< 10	< 1	0.23	10	1.20	320
32889	201	202	< 0.2	1.56	12	< 10	200	0.5	< 2	1.50	< 0.5	9	19	15	2.30	10	< 1	0.28	30	1.28	445
32890	201	202	0.2	0.82	2	< 10	240	< 0.5	< 2	2.88	0.5	5	10	18	1.32	< 10	< 1	0.14	10	0.47	235
32891	201	202	0.2	1.18	10	< 10	240	0.5	< 2	2.68	0.5	7	16	18	1.91	< 10	< 1	0.20	10	0.83	190
32892	201	202	< 0.2	0.77	< 2	< 10	380	< 0.5	< 2	3.55	0.5	3	7	17	0.75	< 10	< 1	0.06	< 10	0.25	190
32893	201	202	0.2	1.20	10	< 10	210	0.5	< 2	3.74	0.5	9	15	26	2.06	< 10	< 1	0.18	20	1.11	215
32894	201	202	< 0.2	0.49	< 2	< 10	180	< 0.5	< 2	1.26	< 0.5	2	4	8	0.64	< 10	< 1	0.06	< 10	0.10	70
32895	201	202	< 0.2	0.47	< 2	< 10	350	< 0.5	< 2	2.25	0.5	1	3	16	0.61	< 10	< 1	0.03	< 10	0.08	115
32896	201	202	0.2	0.91	18	< 10	420	0.5	< 2	1.24	0.5	14	11	23	2.51	< 10	< 1	0.23	30	0.41	460
32897	201	202	0.6	0.94	12	< 10	820	< 0.5	< 2	1.99	0.5	8	13	25	1.77	< 10	< 1	0.11	10	0.25	150
32898	201	202	0.6	1.10	12	< 10	1160	0.5	< 2	0.75	1.5	6	18	30	1.76	< 10	< 1	0.15	20	0.33	185
32899	201	202	0.6	1.18	42	< 10	1820	0.5	< 2	0.33	0.5	7	26	76	3.82	< 10	< 1	0.18	30	0.23	145
32900	201	202	0.8	1.11	10	< 10	1310	0.5	< 2	0.85	1.5	6	18	28	1.67	< 10	< 1	0.14	10	0.21	295
32901	201	202	0.6	0.86	8	< 10	1210	< 0.5	< 2	0.60	2.5	3	15	22	1.11	< 10	< 1	0.12	10	0.13	110
32902	201	202	1.0	1.10	22	< 10	1780	0.5	< 2	0.41	1.5	11	22	42	2.39	< 10	< 1	0.15	30	0.23	370
32903	201	202	1.0	1.24	24	< 10	740	0.5	< 2	0.41	2.0	10	29	59	2.47	< 10	< 1	0.22	30	0.30	175
32904	201	202	1.4	1.40	6	< 10	1250	0.5	< 2	0.22	11.0	9	11	36	1.33	< 10	< 1	0.05	10	0.07	650
32951	201	202	0.2	0.77	6	< 10	670	< 0.5	< 2	1.41	1.0	6	8	15	1.17	< 10	< 1	0.06	< 10	0.16	730
32952	201	202	0.4	0.75	14	< 10	580	< 0.5	< 2	1.21	< 0.5	6	10	15	1.85	< 10	< 1	0.11	10	0.18	175
32953	201	202	0.4	0.67	14	< 10	580	< 0.5	< 2	1.79	1.5	6	8	24	1.74	< 10	< 1	0.09	10	0.17	250
32954	201	202	0.2	0.69	8	< 10	710	< 0.5	< 2	2.30	1.5	5	7	19	1.15	< 10	< 1	0.07	< 10	0.22	405
32955	201	202	< 0.2	1.09	8	< 10	270	0.5	< 2	1.74	0.5	6	16	12	1.57	< 10	< 1	0.14	10	0.73	150
32956	201	202	< 0.2	0.37	< 2	< 10	210	< 0.5	< 2	1.16	< 0.5	1	3	11	0.45	< 10	< 1	0.03	< 10	0.05	70

CERTIFICATION: _____



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Analytical Chemists * Geochemists * Registered Assayers

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To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project: SELWYN-NOD
Comments:

Page Number: 4-B
Total Pages: 6
Certificate Date: 13-SEP-1999
Invoice No.: I9927499
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS

A9927499

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
32871	201 202	2	0.03	19	760	14	0.09	< 2	1	44	< 0.01	< 10	< 10	40	< 10	106
32872	201 202	3	< 0.01	49	2130	12	0.08	< 2	5	37	< 0.01	< 10	< 10	22	< 10	146
32873	201 202	7	0.01	69	1190	18	0.15	2	3	94	< 0.01	< 10	< 10	58	< 10	478
32874	201 202	4	0.01	29	1390	18	0.07	2	4	59	< 0.01	< 10	< 10	43	< 10	202
32875	201 202	16	< 0.01	79	1410	42	0.05	6	3	52	< 0.01	< 10	< 10	163	< 10	670
32876	201 202	< 1	0.03	15	1150	6	0.14	< 2	< 1	64	< 0.01	< 10	< 10	9	< 10	36
32877	201 202	3	0.01	22	1260	18	0.08	< 2	3	45	< 0.01	< 10	< 10	37	< 10	174
32878	201 202	2	< 0.01	43	1540	14	0.07	< 2	3	48	< 0.01	< 10	< 10	18	< 10	126
32879	201 202	3	0.01	24	1400	16	0.07	< 2	3	34	< 0.01	< 10	< 10	30	< 10	142
32880	201 202	< 1	< 0.01	28	1180	12	0.10	< 2	4	56	< 0.01	< 10	< 10	23	< 10	138
32881	201 202	3	0.01	29	1620	14	0.08	< 2	4	59	< 0.01	< 10	< 10	22	< 10	100
32882	201 202	5	0.01	25	1630	12	0.06	< 2	4	31	< 0.01	< 10	< 10	29	< 10	118
32883	201 202	5	0.01	27	1730	16	0.07	< 2	4	37	< 0.01	< 10	< 10	35	< 10	82
32884	201 202	9	0.01	30	910	18	0.08	< 2	4	49	< 0.01	< 10	< 10	52	< 10	96
32885	201 202	6	< 0.01	19	870	22	0.04	< 2	4	25	< 0.01	< 10	< 10	49	< 10	298
32886	201 202	5	< 0.01	28	1120	20	0.07	2	5	50	< 0.01	< 10	< 10	49	< 10	164
32887	201 202	2	0.03	12	910	6	0.13	< 2	1	74	0.01	< 10	< 10	21	< 10	228
32888	201 202	4	0.01	20	880	18	0.09	< 2	3	50	< 0.01	< 10	< 10	35	< 10	170
32889	201 202	4	< 0.01	26	670	26	0.04	2	5	36	< 0.01	< 10	< 10	35	< 10	138
32890	201 202	3	0.01	22	1000	12	0.10	< 2	1	51	< 0.01	< 10	< 10	28	< 10	152
32891	201 202	4	< 0.01	25	1240	16	0.05	2	3	46	< 0.01	< 10	< 10	37	< 10	158
32892	201 202	< 1	0.01	15	820	10	0.15	< 2	< 1	63	< 0.01	< 10	< 10	13	< 10	62
32893	201 202	9	< 0.01	35	1080	18	0.04	< 2	3	72	< 0.01	< 10	< 10	37	< 10	152
32894	201 202	1	0.04	8	540	< 2	0.06	< 2	< 1	30	0.01	< 10	< 10	11	< 10	50
32895	201 202	2	0.01	30	670	2	0.16	< 2	< 1	59	< 0.01	< 10	< 10	6	< 10	36
32896	201 202	11	0.01	46	1110	22	0.05	< 2	4	30	< 0.01	< 10	< 10	31	< 10	96
32897	201 202	2	0.03	22	550	18	0.09	2	2	49	< 0.01	< 10	< 10	81	< 10	140
32898	201 202	5	0.01	30	1250	40	0.06	2	2	37	< 0.01	< 10	< 10	119	< 10	256
32899	201 202	16	< 0.01	72	2350	126	0.05	8	3	46	< 0.01	< 10	< 10	201	< 10	768
32900	201 202	5	0.01	31	1300	40	0.07	2	2	36	< 0.01	< 10	< 10	134	< 10	280
32901	201 202	2	0.04	24	850	26	0.04	< 2	< 1	28	< 0.01	< 10	< 10	99	< 10	252
32902	201 202	11	< 0.01	39	1620	52	0.04	4	2	37	< 0.01	< 10	< 10	174	< 10	324
32903	201 202	11	< 0.01	70	2220	38	0.01	6	4	46	< 0.01	< 10	< 10	240	< 10	658
32904	201 202	3	0.03	15	1930	22	0.11	< 2	1	19	< 0.01	< 10	< 10	62	< 10	116
32951	201 202	1	0.03	11	870	24	0.09	< 2	1	55	0.01	< 10	< 10	39	< 10	120
32952	201 202	4	0.01	24	1090	24	0.05	< 2	3	43	< 0.01	< 10	< 10	37	< 10	206
32953	201 202	5	0.01	27	890	20	0.06	2	3	52	< 0.01	< 10	< 10	30	< 10	214
32954	201 202	2	0.02	18	920	14	0.10	< 2	1	71	< 0.01	< 10	< 10	27	< 10	134
32955	201 202	1	0.02	23	1080	16	0.05	< 2	3	52	< 0.01	< 10	< 10	24	< 10	140
32956	201 202	< 1	0.05	9	340	< 2	0.05	< 2	< 1	33	0.01	< 10	< 10	10	< 10	28

CERTIFICATION: _____



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Comments :

CERTIFICATE OF ANALYSIS A9927499

SAMPLE	PREP CODE		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
32957	201	202	0.2	0.72	22	< 10	310	< 0.5	< 2	0.19	< 0.5	6	13	29	2.25	< 10	< 1	0.16	30	0.06	65
32958	201	202	0.8	1.60	40	< 10	790	< 0.5	< 2	0.26	2.0	11	26	51	3.59	< 10	< 1	0.30	10	0.19	545
32959	201	202	0.6	0.70	56	< 10	1000	< 0.5	< 2	0.49	5.5	23	19	85	2.99	< 10	< 1	0.13	10	0.11	770
32960	201	202	0.2	0.47	12	< 10	140	< 0.5	< 2	0.03	0.5	9	6	43	2.54	< 10	< 1	0.12	10	0.03	185
32961	201	202	0.6	0.70	30	< 10	170	< 0.5	< 2	0.10	0.5	12	12	51	3.22	< 10	< 1	0.17	30	0.06	195
32962	201	202	0.8	0.64	18	< 10	320	< 0.5	< 2	0.09	0.5	4	7	29	1.84	< 10	< 1	0.09	10	0.07	55
32963	201	202	< 0.2	0.63	26	< 10	170	< 0.5	< 2	0.01	< 0.5	7	10	34	2.95	< 10	< 1	0.09	10	0.04	75
32964	201	202	0.2	1.51	4	< 10	160	0.5	< 2	1.14	0.5	6	18	13	1.97	< 10	< 1	0.13	10	1.27	145
32965	201	202	< 0.2	1.27	2	< 10	120	< 0.5	< 2	1.17	< 0.5	5	14	9	1.59	< 10	< 1	0.19	10	1.10	240
32966	201	202	< 0.2	1.20	2	< 10	180	< 0.5	< 2	1.58	< 0.5	5	14	12	1.47	< 10	< 1	0.12	10	1.03	200
32967	201	202	0.2	1.44	4	< 10	340	0.5	< 2	1.47	0.5	7	18	15	1.70	< 10	< 1	0.16	10	1.19	250
32968	201	202	0.4	0.98	10	< 10	590	0.5	< 2	1.72	2.0	7	13	24	1.58	< 10	< 1	0.10	10	0.47	290
32969	201	202	0.6	0.92	12	< 10	530	0.5	< 2	2.09	1.5	8	11	35	1.70	< 10	< 1	0.14	10	0.29	260
32970	201	202	0.6	0.99	12	< 10	1170	< 0.5	< 2	2.10	6.5	5	13	43	1.00	< 10	1	0.13	10	0.20	315
32971	201	202	0.8	1.04	34	10	1340	0.5	< 2	1.31	3.0	8	19	42	2.28	< 10	< 1	0.19	20	0.27	195
32972	201	202	0.6	0.81	30	< 10	1440	< 0.5	< 2	0.66	4.5	7	14	43	1.70	< 10	< 1	0.10	10	0.18	185
32973	201	202	0.6	0.74	18	< 10	1080	< 0.5	< 2	0.67	3.5	4	15	46	1.21	< 10	< 1	0.10	10	0.18	50
32974	201	202	0.8	0.79	34	< 10	1490	< 0.5	< 2	0.86	4.0	6	19	47	1.87	< 10	< 1	0.15	20	0.20	110
32975	201	202	0.8	0.77	34	< 10	1480	0.5	< 2	1.35	5.0	8	19	56	2.09	< 10	< 1	0.21	20	0.42	170
32976	201	202	0.8	0.89	20	< 10	1330	< 0.5	< 2	1.60	3.5	7	15	38	1.48	< 10	< 1	0.13	10	0.29	255
32977	201	202	0.6	0.76	12	< 10	1480	< 0.5	< 2	1.15	3.5	6	14	36	1.51	< 10	< 1	0.13	10	0.29	145
32978	201	202	0.6	0.86	< 2	10	1170	0.5	< 2	1.66	4.0	6	9	46	1.21	< 10	< 1	0.08	10	0.22	305
32979	201	202	0.2	0.59	2	< 10	820	< 0.5	< 2	0.53	2.0	5	8	31	1.23	< 10	< 1	0.07	10	0.16	235
32980	201	202	0.8	0.85	10	< 10	810	0.5	< 2	1.18	2.5	8	13	33	2.01	< 10	< 1	0.15	10	0.35	180
34444	201	202	0.2	0.59	< 2	< 10	470	< 0.5	< 2	2.47	1.5	4	5	21	0.90	< 10	< 1	0.06	< 10	0.16	280
34445	201	202	0.6	0.53	< 2	< 10	430	< 0.5	< 2	3.15	0.5	1	5	15	0.54	< 10	< 1	0.04	< 10	0.17	40
34446	201	202	0.2	1.11	4	< 10	220	< 0.5	< 2	0.42	0.5	7	18	16	1.98	< 10	< 1	0.20	20	0.73	165
34447	201	202	0.6	0.65	< 2	< 10	320	0.5	< 2	2.24	1.5	6	11	32	1.21	< 10	< 1	0.12	10	0.27	380
34448	201	202	0.2	0.88	< 2	< 10	210	< 0.5	< 2	2.19	0.5	6	9	18	1.27	< 10	< 1	0.15	10	0.50	155
34449	201	202	< 0.2	0.76	< 2	< 10	160	< 0.5	< 2	1.48	< 0.5	4	6	11	0.87	< 10	< 1	0.08	10	0.33	90
34450	201	202	0.2	0.85	36	< 10	190	< 0.5	< 2	2.06	0.5	7	8	13	1.54	< 10	< 1	0.12	10	0.42	340
34451	201	202	0.2	1.33	8	< 10	200	0.5	< 2	2.70	< 0.5	8	15	19	2.05	< 10	< 1	0.28	20	1.20	240
34452	201	202	0.2	1.00	< 2	< 10	230	< 0.5	< 2	0.92	3.0	5	8	12	1.35	< 10	< 1	0.13	10	0.45	150
34453	201	202	< 0.2	0.70	< 2	< 10	100	< 0.5	< 2	1.84	< 0.5	1	2	12	0.42	< 10	< 1	0.04	< 10	0.12	50
34454	201	202	0.4	3.06	12	< 10	160	0.5	< 2	0.76	0.5	16	38	21	4.96	10	< 1	0.45	60	2.41	390
34455	201	202	< 0.2	1.19	< 2	< 10	100	< 0.5	< 2	0.88	< 0.5	7	14	8	1.35	< 10	< 1	0.17	20	0.75	130
34456	201	202	0.2	0.78	< 2	< 10	150	< 0.5	< 2	2.20	1.0	3	7	15	0.96	< 10	< 1	0.10	10	0.49	95
34457	201	202	0.8	0.68	< 2	< 10	180	0.5	< 2	2.59	3.0	5	5	48	1.24	< 10	< 1	0.09	10	0.28	90
34458	201	202	1.2	0.55	10	< 10	240	< 0.5	< 2	2.02	2.0	10	7	48	2.00	< 10	< 1	0.12	10	0.63	175
34459	201	202	1.0	0.59	8	< 10	380	< 0.5	< 2	1.31	1.5	9	8	39	2.48	< 10	< 1	0.12	20	0.40	115

CERTIFICATION: _____



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
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project : SELWYN-NOD
Comments :

Page Number : 5-B
Total Pages : 6
Certificate Date: 13-SEP-1999
Invoice No. : 19927499
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9927499

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
32957	201	202	10	0.01	35	700	24	0.06	< 2	1	21	< 0.01	< 10	< 10	50	< 10	168
32958	201	202	13	0.01	50	2250	92	0.11	< 2	2	35	< 0.01	< 10	< 10	131	< 10	400
32959	201	202	15	0.02	134	1990	38	0.10	4	4	64	< 0.01	< 10	10	109	< 10	680
32960	201	202	4	0.01	36	850	18	0.08	< 2	1	24	< 0.01	< 10	< 10	17	< 10	86
32961	201	202	9	0.01	43	1460	186	0.08	2	1	23	< 0.01	< 10	< 10	42	< 10	334
32962	201	202	6	0.01	23	1290	110	0.06	< 2	< 1	16	< 0.01	< 10	< 10	28	< 10	198
32963	201	202	11	< 0.01	44	900	34	0.06	< 2	< 1	16	< 0.01	< 10	< 10	41	< 10	204
32964	201	202	2	0.01	21	960	14	0.05	< 2	3	39	< 0.01	< 10	< 10	27	< 10	142
32965	201	202	3	0.01	14	1180	12	0.06	< 2	2	38	< 0.01	< 10	< 10	21	< 10	66
32966	201	202	2	< 0.01	15	890	10	0.08	< 2	2	48	< 0.01	< 10	< 10	19	< 10	88
32967	201	202	3	< 0.01	20	1140	14	0.08	< 2	3	50	< 0.01	< 10	< 10	34	< 10	146
32968	201	202	2	0.01	25	1310	22	0.09	< 2	2	55	< 0.01	< 10	< 10	59	< 10	174
32969	201	202	5	0.01	36	1080	28	0.11	< 2	2	66	< 0.01	< 10	< 10	63	< 10	250
32970	201	202	3	0.02	42	1190	20	0.11	< 2	1	73	< 0.01	< 10	< 10	86	< 10	276
32971	201	202	9	0.01	43	1450	42	0.06	< 2	3	57	< 0.01	< 10	< 10	154	< 10	440
32972	201	202	6	0.01	35	1330	36	0.05	< 2	3	47	< 0.01	< 10	< 10	122	< 10	274
32973	201	202	5	< 0.01	38	1290	30	0.04	< 2	3	46	< 0.01	< 10	< 10	138	< 10	294
32974	201	202	8	0.01	47	2050	38	0.05	< 2	3	56	< 0.01	< 10	< 10	170	< 10	412
32975	201	202	13	0.01	64	2040	38	0.07	2	3	71	< 0.01	< 10	< 10	180	< 10	562
32976	201	202	5	0.01	45	1300	26	0.09	< 2	3	56	< 0.01	< 10	< 10	95	< 10	318
32977	201	202	6	0.01	45	1390	30	0.07	< 2	3	48	< 0.01	< 10	< 10	83	< 10	354
32978	201	202	3	0.01	47	1180	22	0.10	< 2	2	67	< 0.01	< 10	< 10	47	< 10	298
32979	201	202	5	0.02	22	780	18	0.06	< 2	1	26	< 0.01	< 10	< 10	44	< 10	148
32980	201	202	6	0.01	44	1620	32	0.06	< 2	4	46	< 0.01	< 10	< 10	72	< 10	376
34444	201	202	3	0.03	17	740	12	0.10	< 2	< 1	54	0.01	< 10	< 10	23	< 10	106
34445	201	202	2	0.03	13	760	4	0.14	< 2	< 1	63	0.01	< 10	< 10	14	< 10	42
34446	201	202	5	< 0.01	39	1170	12	0.01	< 2	2	16	< 0.01	< 10	< 10	59	< 10	214
34447	201	202	2	0.01	26	1450	160	0.09	< 2	1	46	< 0.01	< 10	< 10	45	< 10	300
34448	201	202	3	< 0.01	24	650	12	0.09	< 2	1	45	< 0.01	< 10	10	41	< 10	106
34449	201	202	2	0.03	12	450	4	0.06	< 2	< 1	34	< 0.01	< 10	< 10	28	< 10	40
34450	201	202	4	0.01	17	1310	10	0.08	< 2	2	38	< 0.01	< 10	< 10	22	< 10	50
34451	201	202	5	< 0.01	30	1170	12	0.06	< 2	3	56	< 0.01	< 10	< 10	40	< 10	94
34452	201	202	5	0.02	16	670	6	0.06	< 2	1	23	< 0.01	< 10	< 10	34	< 10	100
34453	201	202	1	0.03	7	470	< 2	0.08	< 2	< 1	37	< 0.01	< 10	< 10	8	< 10	8
34454	201	202	7	< 0.01	60	1620	14	0.01	< 2	6	24	0.01	< 10	< 10	42	< 10	126
34455	201	202	4	< 0.01	16	660	6	0.05	< 2	1	25	< 0.01	< 10	< 10	24	< 10	54
34456	201	202	3	0.01	20	650	6	0.10	< 2	1	60	< 0.01	< 10	10	25	< 10	60
34457	201	202	9	0.01	48	620	12	0.11	< 2	1	58	< 0.01	< 10	< 10	36	< 10	186
34458	201	202	14	0.01	55	1190	22	0.08	2	2	44	< 0.01	< 10	< 10	43	< 10	378
34459	201	202	10	0.01	48	1310	32	0.06	2	3	35	< 0.01	< 10	< 10	42	< 10	322

CERTIFICATION:



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To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Page Number : 6-A
Total : 6
Certificate Date: 13-SEP-1999
Invoice No. : 19927499
P.O. Number :
Account : MPO

Project : SELWYN-NOD
Comments:

CERTIFICATE OF ANALYSIS A9927499

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
34460	201 202	0.8	0.57	18	< 10	210	0.5	< 2	1.19	4.0	9	9	50	1.79	< 10	< 1	0.13	20	0.29	170
34461	201 202	0.8	0.88	20	< 10	280	0.5	< 2	1.26	4.0	9	12	45	2.03	< 10	< 1	0.23	30	0.42	190
34462	201 202	0.8	0.64	20	< 10	230	< 0.5	< 2	1.48	4.0	7	8	35	1.71	< 10	< 1	0.16	20	0.34	130
34463	201 202	0.6	0.69	22	< 10	200	< 0.5	< 2	1.34	2.0	7	8	30	1.75	< 10	< 1	0.15	20	0.48	135
34464	201 202	0.4	0.69	30	< 10	200	< 0.5	< 2	1.47	1.5	7	8	24	1.89	< 10	< 1	0.15	10	0.30	140
34465	201 202	0.4	0.49	4	< 10	240	< 0.5	< 2	3.37	1.0	6	5	31	0.99	< 10	< 1	0.07	< 10	0.21	175
34466	201 202	0.2	0.66	24	< 10	190	< 0.5	< 2	1.87	0.5	7	9	21	1.46	< 10	< 1	0.13	10	0.30	170
34467	201 202	0.2	0.60	82	< 10	170	< 0.5	< 2	2.16	0.5	8	8	20	1.92	< 10	< 1	0.19	30	0.68	160
34468	201 202	0.2	1.05	< 2	< 10	240	< 0.5	< 2	2.03	< 0.5	4	11	13	1.16	< 10	< 1	0.16	10	0.68	120
34469	201 202	< 0.2	0.60	< 2	< 10	160	< 0.5	< 2	2.36	< 0.5	4	6	11	1.01	< 10	< 1	0.11	10	0.37	175
34470	201 202	0.6	0.89	10	< 10	190	< 0.5	< 2	1.73	1.5	7	12	30	1.63	< 10	< 1	0.18	20	0.69	195
34471	201 202	1.0	0.61	22	< 10	140	< 0.5	< 2	1.84	2.5	7	9	41	1.70	< 10	< 1	0.12	10	0.58	170
34472	201 202	0.8	0.63	12	< 10	170	< 0.5	< 2	1.53	1.5	5	8	39	1.54	< 10	< 1	0.11	10	0.36	120
34473	201 202	1.0	0.84	10	< 10	220	0.5	< 2	1.26	3.5	8	14	44	1.81	< 10	< 1	0.15	20	0.50	195
34474	201 202	0.8	0.72	12	< 10	420	0.5	< 2	1.25	5.5	8	13	50	1.89	< 10	< 1	0.14	10	0.43	205
34475	201 202	1.0	0.82	8	< 10	400	0.5	< 2	1.49	6.0	9	16	58	2.18	< 10	< 1	0.19	20	0.49	190
34476	201 202	0.2	1.17	20	< 10	370	< 0.5	< 2	0.39	2.0	7	12	28	2.11	< 10	< 1	0.16	30	0.38	200
34477	201 202	0.2	0.68	< 2	< 10	230	< 0.5	< 2	0.47	1.5	1	7	15	0.84	< 10	< 1	0.10	10	0.14	20
34478	201 202	0.2	1.03	12	< 10	210	0.5	< 2	1.11	1.0	6	11	20	1.43	< 10	< 1	0.18	20	0.46	70
34479	201 202	0.2	0.61	14	10	180	< 0.5	< 2	2.36	3.0	5	7	28	1.31	< 10	< 1	0.13	10	0.44	105
34480	201 202	1.0	0.93	42	< 10	420	< 0.5	< 2	0.22	0.5	4	21	41	3.71	< 10	< 1	0.11	10	0.13	85
34481	201 202	0.6	0.68	14	< 10	350	< 0.5	< 2	1.49	1.5	6	9	33	1.62	< 10	< 1	0.11	10	0.37	145
34482	201 202	1.2	0.60	16	< 10	310	0.5	< 2	1.31	11.0	7	8	50	1.75	< 10	< 1	0.10	10	0.27	160
34483	201 202	1.2	0.63	24	< 10	270	0.5	< 2	1.59	33.5	8	10	58	2.33	< 10	< 1	0.09	10	0.32	265
34484	201 202	0.6	0.80	4	10	280	0.5	< 2	1.68	6.5	7	16	55	1.72	< 10	< 1	0.19	20	0.41	145
34485	201 202	0.8	0.81	4	< 10	450	< 0.5	< 2	1.58	3.0	8	13	37	1.69	< 10	< 1	0.16	10	0.40	375
34486	201 202	0.6	0.81	8	< 10	370	< 0.5	< 2	1.31	0.5	9	11	29	2.04	< 10	< 1	0.16	20	0.40	210
34487	201 202	1.2	0.89	8	< 10	350	< 0.5	< 2	1.46	3.0	9	12	49	2.60	< 10	< 1	0.24	20	0.48	205
34488	201 202	0.6	0.65	< 2	10	560	< 0.5	< 2	3.19	3.5	4	8	33	1.18	< 10	< 1	0.09	< 10	0.45	200

CERTIFICATION:



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CERTIFICATE OF ANALYSIS A9927499

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	N ppm	Zn ppm
34460	201 202	17	0.02	60	730	50	0.08	2	3	30	< 0.01	< 10	< 10	65	< 10	670
34461	201 202	11	0.02	58	1000	28	0.06	2	3	32	< 0.01	< 10	< 10	71	< 10	456
34462	201 202	9	0.01	62	940	14	0.07	2	3	34	< 0.01	< 10	< 10	43	< 10	466
34463	201 202	9	0.01	38	990	14	0.05	< 2	3	31	< 0.01	< 10	< 10	40	< 10	232
34464	201 202	7	< 0.01	37	940	12	0.09	< 2	2	33	< 0.01	< 10	< 10	30	< 10	134
34465	201 202	3	< 0.01	36	920	6	0.19	< 2	< 1	71	< 0.01	< 10	10	15	< 10	68
34466	201 202	4	< 0.01	26	1110	10	0.10	< 2	1	40	< 0.01	< 10	< 10	24	< 10	76
34467	201 202	6	< 0.01	32	1270	12	0.03	2	3	41	< 0.01	< 10	< 10	28	< 10	102
34468	201 202	2	0.01	19	720	10	0.11	< 2	1	38	< 0.01	< 10	< 10	29	< 10	52
34469	201 202	2	< 0.01	13	1090	8	0.10	< 2	1	44	< 0.01	< 10	< 10	15	< 10	22
34470	201 202	9	0.01	36	1160	18	0.06	< 2	2	44	< 0.01	< 10	< 10	62	< 10	224
34471	201 202	16	< 0.01	46	1080	18	0.05	2	2	37	< 0.01	< 10	< 10	56	< 10	310
34472	201 202	6	< 0.01	40	1140	16	0.10	< 2	1	35	< 0.01	< 10	< 10	41	< 10	242
34473	201 202	6	0.01	43	1380	114	0.06	< 2	3	37	< 0.01	< 10	< 10	75	< 10	520
34474	201 202	10	0.03	59	2170	432	0.05	2	2	39	< 0.01	< 10	< 10	80	< 10	1010
34475	201 202	10	0.03	77	2900	500	0.05	2	3	41	< 0.01	< 10	< 10	99	< 10	1310
34476	201 202	6	0.01	24	810	20	0.05	< 2	3	20	< 0.01	< 10	< 10	76	< 10	156
34477	201 202	6	0.02	11	570	4	0.10	< 2	< 1	21	< 0.01	< 10	< 10	42	< 10	82
34478	201 202	3	< 0.01	25	810	24	0.10	< 2	1	31	< 0.01	< 10	< 10	47	< 10	132
34479	201 202	5	< 0.01	35	1200	10	0.15	< 2	1	50	< 0.01	< 10	< 10	27	< 10	176
34480	201 202	15	0.01	51	4410	40	0.01	2	1	39	< 0.01	< 10	< 10	273	< 10	416
34481	201 202	8	< 0.01	44	1110	16	0.09	< 2	2	39	< 0.01	< 10	< 10	46	< 10	240
34482	201 202	15	0.09	74	910	104	0.07	2	2	35	< 0.01	< 10	10	50	< 10	3140
34483	201 202	21	0.26	65	1550	4630	0.07	6	2	35	< 0.01	< 10	< 10	73	< 10	8550
34484	201 202	7	0.05	82	3910	332	0.05	2	2	40	< 0.01	< 10	< 10	77	< 10	2140
34485	201 202	4	0.01	40	1200	124	0.07	< 2	3	38	< 0.01	< 10	< 10	76	< 10	468
34486	201 202	7	0.01	37	1190	36	0.07	< 2	3	34	< 0.01	< 10	< 10	49	< 10	210
34487	201 202	10	0.01	53	1110	30	0.08	< 2	4	37	< 0.01	< 10	< 10	73	< 10	396
34488	201 202	5	0.01	44	1000	24	0.17	2	< 1	74	< 0.01	< 10	20	35	< 10	330

CERTIFICATION: _____

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

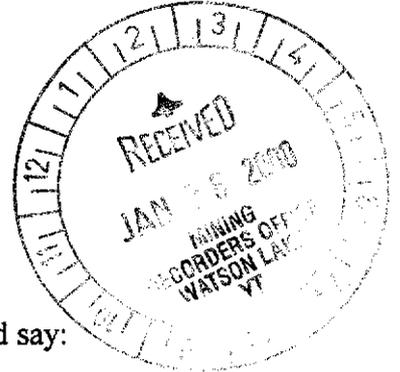
Box 4127, Whitehorse, Yukon Y1A 3S9

Telephone: (867) 667-4415

Fax: (867) 667-4622

094092

AFFIDAVIT



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

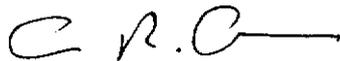
That to the best of my knowledge the attached Statement of Expenditures for exploration work on the NOD 1-66 mineral claims on Claim Sheet 1051/11 is accurate.


Joan Mariacher

Sworn before me at VANCOUVER, B.C.

this 25TH day of

JANUARY, 2000



Notary, Yukon Territory

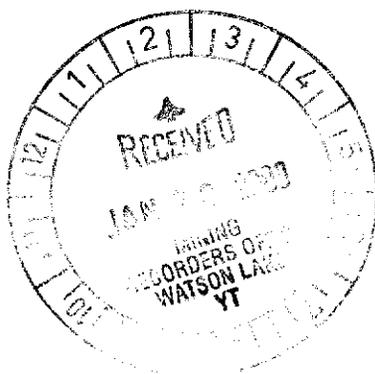
Statement of Expenditures
 Nod 1-66 Mineral Claims
 January 21, 2000

Labour

A. Archer – geologist – September to December – 13 hours at \$66/hr	\$ 918.06
D. Eaton – geologist – August to January 2000 – 38 1/2 hours at \$56/hr	2,306.92
H. Meade – geologist – August – 1 day at \$369.50/day	395.37
F. Gish – geologist – August to January 2000 – 162 hours at \$43/hr	7,453.62
J. Owerko – field assistant – August – 1 day at \$225/day	240.75
I. Weatherston – field assistant – August – 7 days at \$187.50/day	1,404.38
J. Mariacher – August to October – 27 3/4 hours at \$46.67/hr	1,385.75
– January, 2000 – 2 1/2 hours at \$41.67/hr	111.47
A. Gelling – August – 8 1/4 hours at \$46/hr	406.07
M. Cooke – November to December – 5 hours at \$36.70	<u>196.35</u>
	14,818.74

Expenses

Field room and board – 16 7/8 days at \$115/day	2,076.49
Trans North Bell 206B – 8 hours at \$700/hr plus fuel	6,441.59
Chemex Labs	1,850.85
PNT Transportation	41.20
Drafting	<u>2,932.98</u>
	13,343.11
	<u>\$28,161.85</u>



ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project

NR PROJECT

Date

AUGUST 31, 1999

LABOUR				
Field	A ARCHER - 6 HRS AT 66/HR (HP-66 Wolf-330)	396.00		
	R CARNE - 46 HRS AT 56/HR (HP-56 Wolf-2240)	2576.00		
	D. EATON - 32 HRS AT 56/HR	1792.00		
	F. GISH - 246 HRS AT 43/HR (HP-43 Wolf-2365 Wolf-3678)	10578.00		
	J. DWERKO - 12 DAYS AT 225/DAY	2700.00		
	I. WEATHERSTON - 21 DAYS AT 187.50/DAY (HP-26X No. -13/2.5)	3937.50		
Office	M. COOKE - 4 1/4 HRS AT 36.70/HR	165.15		
Accounting and Expediting	A. GELLING - 15 1/4 HRS AT 46/HR (HP/NO. - 575)	713.00		
	J. MARIACHEL - 58 1/4 HRS AT 46.67/HR (HP/NO. - 106174)	2730.00	2587.85	
OTHER SERVICES				
Room & Board in Whitehorse	8 DAYS AT 60/DAY	480.00		
Field equipment from AC stock		103.30		
Printing	Photocopies 290 AT .25	72.50		
Rentals from AC AUGUST 1-31 - 56X11 AT 300/MO + 2 COM'S AT 100/MO EACH + 1 GAS AT 250/MO		730.00		
Drafting	51 hrs at \$36 /hr. (HP/NO. - 576)	1836.00	3221.80	
EXPENSES				
Petty Cash	4.99 DI + 6.75 DY	11.74		
Telephone	25.03	25.03		
JOAN M. KLENZES		8.96		
TRANS NORTH		1649.72		
ATLAS TRAVEL		1472.00		
CARMACKS HOTEL		25.55		
PRO HARDWARE		25.79		
HOUGHEN'S PHOTO	(HP-2737)	49.35		
CAL		31.67		
NORCAN LEASING	(HP-103.13)	808.16		
SECOND AVENUE SHELL		16.46		
DORRY DEVELOPMENTS	(HP-20.79)	92.47		
WELCOME INN	(HP-31.67)	269.17		
PNT TRANSPORTATION	(HP-77 No. -38.50)	115.50	4601.57	
MANAGEMENT	6% - ON EXPENSES - ON FIELD A/C	276.09 243.43	1019.52	
GST (R100247667)	7% ON 34400.74		34400.74	
			2410.15	

E=GST exempt

3684089

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project NR PROJECT
Date SEPTEMBER 30, 1999

LABOUR			
Field	A. ARCHEL - 15 HRS AT 66/HR	(990 HP/NOB)	1254.00
	R. CARNE - 33 HRS AT 56/HR	(1400 HP)	1848.00
	D. EATON - 7 HRS AT 56/HR		392.00
	E. GISH - 27 HRS AT 43/HR	(172 HP)	1161.00
	J. OWERKO - 2 1/2 DAYS AT 225/DAY		562.50
Office	M. COOKE - 9 1/2 HRS AT 36.70/HR	(238.55 HP)	348.65
Accounting and Expediting	A. GELLING - 11 1/2 HRS AT 46/HR		529.00
	J. MARIACHER - 29 1/2 HRS AT 46.67/HR	(64.71 H/HR)	1388.43
			7483.58
OTHER SERVICES			
	Room & Board in Whitehorse 6 DAYS AT 60/DAY		360.00
	Field equipment from AC stock		171.68
	Printing Photocopies 192 @ .75		143.00
	Rentals from AC		
Drafting	58 hrs at \$36 /hr.	(990-HP 463-NOB)	2088.00
	LOOMIS COURIER - 1 AT 13.50 EA		13.50
			2681.18
EXPENSES			
	Petty Cash 52.00 + 13.08 DV		18.33
	Telephone 6.89 + 4.93 + 20.00		31.82
	D. EATON EXPENSES - 29.7904 + 20.8803		50.67
	R. CARNE EXPENSES	D3	4.67
	EILEENS PLACE		40.97
	PNT TRANSPORTATION		35.25
	ATLAS TRAVEL - 259.50 + 43.17		302.67
	SUNRISE SERVICE		92.00
	TRANS NORTH HELICOPTERS		248.07
	CAL		15.50
	HOUVEN'S PHOTO	(NOB)	15.08
	MAN'S FILEWORK		142.53
	NOLCAN LEASING		462.07
	SECOND AVENUE SHELL - 14.3504 + 53.86		68.19
	CORPORATE EXPRESS		15.88
	CARMADIS HOTEL		20.75
	INTEGRAPHICS	(NOB)	5.75
			3478.60
MANAGEMENT	6% ON EXPENSES		208.72
	- ON FIELD AC		1069.72
			1278.44
			14921.80
GST (R100247667)	7% ON 14921.80		1044.53

E=GST exempt

15966.33

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project NR PROJECT
Date OCTOBER 31, 1999

LABOUR				
Field	A. ARCHER - 10 HRS AT 66/HR	(HP)	660.00	
	R. CARNE - 14 HRS AT 56/HR	(HP)	784.00	
	D. EATON - 8 HRS AT 56/HR		448.00	
	F. GISH - 123 1/2 HRS AT 43/HR	(Mar-199 / Nov-86) HP-552550	5340.50	
Office	M. Cooke -			
Accounting and Expediting	J. Mariacher - 303 1/4 HRS AT 46.67/HR	(HP/Nov-15.68)	1425.10	9067.60
OTHER SERVICES				
	Room & Board in Whitehorse	days at \$60/day		
	Field equipment from AC stock			
	Printing	Photocopies @ .25 270	68.00	
	Rentals from AC			
Drafting	6 1/2 hrs at \$36/hr	(HP-198)	234.00	
Rooms	COURIER - 1 AT 13.50/EA		13.50	315.50
EXPENSES				
	Petty Cash	27.58 DV + 24.22 CV	61.60	
	Telephone	0.29	0.29	
	CAIL		134.68	
	ATLAS TRAVEL	50. + 20.	70.00	
	REC GEN - CL MAPS		124.00	
	PNT TRANSPORTATION		19.54	
	INTEGRAPHICS	HP	100.50	510.61
MANAGEMENT	6% on EXPENSES		30.64	
	on FIELD A/C		10	30.64
GST (R100247667)	7% on 9924.35			9924.35
				694.70
				10619.05

E=GST exempt

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project NR PROJECT
Date NOVEMBER 30, 1999

LABOUR	Field			
	A. ARCHER - 1 HR AT 66/HR	(HP)	66.00	
	R. CARNE - 3 HRS AT 56/HR	(HP)	168.00	
	D. EATON - 12 HRS AT 56/HR	(HP/NOB)	672.00	
	F. GISH - 167 HRS AT 43/HR	(HP-490Y NOB-2279)	7181.00	
Office	M. Cooke - 17 HRS at ⁷⁰ \$36.90 /hr	(HP-458.75 NOB-146.80)	623.90	
Accounting and Expediting	J. Mariacher - 334 HRS at \$41.67/hr		156.26	8867.16
OTHER SERVICES				
	Room & Board in Whitehorse	days at \$60/day		
	Field equipment from AC stock			
	Printing (HP-91.65 NOB-113.6)	204.75	Photocopies 17 @ .25 = 3.00	207.75
	Rentals from AC			
Drafting	27 HRS at \$36/hr	(HP-216 NOB-256)	972.00	1179.75
EXPENSES				
	Petty Cash	4.94 CV + 9.41 CV	14.35	
	Telephone	0.29	0.29	
	PNT TRANSPORTATION		10.11	24.79
MANAGEMENT 6% on Expenses on Field A/C				
			1.49	4.69
			3.20	10076.39
GST (R100247667) 7% on 10076.39				
				705.25
E=GST exempt				10781.74

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project

NR PROJECT

Date

DECEMBER 31, 1999

LABOUR			
Field	D. EATON - 11 Hrs AT 56/Hr	616.00	
	F. GISA - 64 Hrs AT 43/Hr (HP-1591 Nov-1161)	2752.00	
Office	M. Cooke - 6 Hrs at \$36.70/hr (HP-183.50 Nov-36.70)	220.20	
Accounting and Expediting	J. Mariacher - 3 Hrs at \$41.67/hr	125.01	3713.21
OTHER SERVICES			
	Room & Board in Whitehorse days at \$60/day		
	Field equipment from AC stock		
	Printing Photocopies 29 @ .25	7.25	
	Rentals from AC		
Drafting	15 1/2 Hrs at \$36/hr (HP-144 Nov-414)	558.00	565.25
EXPENSES			
	Petty Cash		
	Telephone		
	CALL	20.25	
	RYCOM - Roundup	140.19	160.44
MANAGEMENT 6% on Expenses on Field A/C			
		9.63	9.63
GST (R100247667) 7% on 4448.53			4448.53
			311.40

E=GST exempt

4759.93



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

EXPATRIATE RESOURCES LTD
% FRENCH CATHERO

ACCOUNT NUMBER	ARCHEXP		
INVOICE NUMBER	24150		
INVOICE DATE	18	08	99
A/C TYPE	Bell 206B	APCRAFT REGISTRATION C	GF KD
FLIGHT DATE	15	08	99
PURCHASE ORDER NO.			

CHARTERER
PO BOX 4127

BILLING ADDRESS
Whitehorse YT Y1A-3S9

FUEL & OIL - X TINTA FUEL USED
TNTA CUST. X X

HRS/LITRES FROM
2900 - RR

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
ROSS RIVER			
TO FRANK CAMP			CAMP MOVE 1/3 RESUPPLY
KZIK ROAD			FRANK / BILL RE-
BILL CAMP			SUPPLY + PAY +
ROSS RIVER		3.8	GEAR IN. SAMPLES
			OUT / ALL CAMPS

41 1.8 Nov - 1356.16
94.93
1451.09

SUB	G.L.	AMOUNT			
1607	502	2600.00	3.8	@ 700.00	2660.00
1600	131	203.00		@	
				HOLDING TIME:	@ / HR.
0000	323	200.41	FUEL 2900	@ .70 LITRE	203.00
			FUEL	@ / LITRE	
			MEALS & LODGINGS		
			OTHER		
			OTHER		
			SUB TOTAL		2863.00
			GOODS & SERVICES TAX REGISTRATION NO. R121483135		200.41
TOTAL					\$ 3063.41

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)

INITIALS
DJR
PILOTS SIGNATURE
Dove Reed

ENGINEER'S NAME
Mec
Mark Cunningham

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

THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT



REMIT PAYMENT TO:
TRANS NORTH HELICOPTERS
 TRANS NORTH TURBO AIR LTD.
 20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E6
 TELEPHONE (867) 668-2177 FAX (867) 668-3420

ACCOUNT NUMBER	ARCHEXP		
INVOICE NUMBER	24167		
INVOICE DATE	31	08	1999
A/C TYPE	206	AIRCRAFT REGISTRATION C	
FLIGHT DATE	20	08	99
PURCHASE ORDER NO.			

CHARTERER Archer Cairns
 BILLING ADDRESS Expatriate Resources P.O. Box 4127
Whitehorse Yukon Y1A-3S9

FUEL & OIL TANTA FUEL USED HRS./LITRES 3.8 FROM

TANTA CUST. ✓ ✓ 140M 2.0 3.8

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
Bells Camp			
TO Bells Camp		1.5	Drop out Food IN.
FRANKS CAMP		2.3	
x Nov-2.3 - 1706.60 119.46 ----- 1826.06			

SUB	G.L.	AMOUNT			
1607502		2660.00	3.8	@ 700.00	2660.00
1600131		159.60		@	
0000323		197.57	FUEL 228.0	@ 70 / LITRE	159.60

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

x [Signature]
 CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS GMS
 PILOT'S SIGNATURE

ENGINEER'S NAME MARK

HOLDING TIME:	@	/ HR.	
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL			2819.60
GOODS & SERVICES TAX			
REGISTRATION NO. R121483135			197.57

TOTAL \$ 3016.97

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

THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT



REMIT PAYMENT TO:
TRANS NORTH HELICOPTERS
 TRANS NORTH TURBO AIR LTD.
 20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E6
 TELEPHONE (867) 668-2177 FAX (867) 668-3420

ACCOUNT NUMBER	ARCHEXP		
INVOICE NUMBER	24171		
INVOICE DATE	26	08	99
A/C TYPE	206	AIRCRAFT REGISTRATION C	
FLIGHT DATE	22	08	99
PURCHASE ORDER NO.			

Archer Catara
 CHARTERER
Expatriate Resources
 BILLING ADDRESS
P.O. Box 4127 Whitehorse Y1A-3S9

FUEL & OIL - X	TNTA FUEL USED	HRS./LITRES	FROM
TNTA CUST.			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	YDM	2.0

FROM	TO	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
YDM	WOLFMAN		1.1	3 PAX TOWN
WOLFMAN	HP		.1	
HP	WOLFMAN		.1	1 NoD - 2.1 1553.79
WOLFMAN	Wolverine Lake		.2	108.76
Wolverine Lake	Red Lake		1.2	1662.55
Red Lake	Bill's Camp		.3	4 PAX
Bill's Camp	YDM		.3	
YDM			.7	

SUB	GL	AMOUNT			
1607502		2800.00	4.0	@ 700.00	2800.00
1600131		159.60		@	
0000323		207.17	FUEL 228.0	@ 0.70 / LITRE	159.60

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)

INITIALS GMS _____ PILOT'S SIGNATURE

_____ ENGINEER'S NAME

MEC MARK

MEALS & LODGINGS	
OTHER	
OTHER	
SUB TOTAL	2959.60
GOODS & SERVICES TAX REGISTRATION NO. R121483135	207.17

TOTAL \$ 3166.77

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

THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT



REMIT PAYMENT TO:
TRANS NORTH HELICOPTERS
 TRANS NORTH TURBO AIR LTD.
 20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E6
 TELEPHONE (867) 668-2177 FAX (867) 668-3420

ACCOUNT NUMBER	ARCHEXP		
INVOICE NUMBER	24184		
INVOICE DATE	31	10	89
A/C TYPE	206	AIRCRAFT REGISTRATION C	
FLIGHT DATE	30	08	89
PURCHASE ORDER NO.			

Expatriate Resources
 CHARTERER
 Box 4127
 BILLING ADDRESS
 Whitehorse, Yukon Y1A-3S9

FUEL & OIL-X TNTA CUST.	TNTA FUEL USED	ARS LITRES	FROM
<input checked="" type="checkbox"/>	YDM	3.4	

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
YDM			
WOLFMAN/HP		1.1	FRANK & ROB TOUR G
WOLFMAN/HP		.1	
WOLFMAN		.6	
KZK STAGE		.6	ROB & GEAR
BIUS CAMP		.3	ROB
YDM		.7	
		4.1	NOD 1.8 - 1403.64
			98.25
			1501.89

SUB	G.L.	AMOUNT			
1607	502	2380.00	3.4	@ 700.00	2380.00
1600	131	271.32		@	
0000	323	185.59		FUEL @ .70 / LITRE	271.32

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)

INITIALS *GMS* PILOT'S SIGNATURE

ENGINEER'S NAME *MARK*

HOLDING TIME:	@	/ HR.	
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL			2651.32
GOODS & SERVICES TAX REGISTRATION NO. R121483135			185.59

TOTAL \$ 2836.91

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

THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT



Chemex Labs Ltd.

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

To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

INVOICE NUMBER

I 9 9 2 7 4 9 9

BILLING INFORMATION

Date: 13-SEP-1999
Project: SELWYN-NOD ✎
P.O. No.:
Account: MPO

Comments:

Billing: For analysis performed on
Certificate A9927499

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
229	201 - Dry, sieve to -80 mesh	1.35		
	202 - save reject	0.90		
	ICP-32	7.40	9.65	2209.85
Total Cost \$				2209.85
Client Discount (25%) \$				-552.46
Net Cost \$				1657.39
(Reg# R100938885) GST \$				116.02
TOTAL PAYABLE (CDN) \$				1773.41



Chemex Labs Ltd.

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

To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

INVOICE NUMBER

I 9 9 2 8 4 1 9

BILLING INFORMATION

Date: 22-SEP-1999
Project: SELWYN-NOD
P.O. No.:
Account: MPO

Comments:

Billing: For analysis performed on
Certificate A9928419

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
10	201 - Dry, sieve to -80 mesh	1.35		
	202 - save reject	0.90		
	ICP-32	7.40	9.65	96.50
Total Cost \$				96.50
Client Discount (25%) \$				-24.13
Net Cost \$				72.37
(Reg# R100938885) GST \$				5.07
TOTAL PAYABLE (CDN) \$				77.44

POINTS NORTH TRANSPORTATION INC.

12235 - 149 ST. EDMONTON, ALBERTA T5L 2J3 • TEL. 455-9191 • FAX. 451-5501 2719 - 71A AVE. N.E., CALGARY ALBERTA T2H 2L9 • TEL. 272-1316 • FAX. 272-1960
 #165 - 6260 GRAYBAR RD. RICHMOND, B.C. V6W 1H6 • TEL. 273-0589 • FAX. 273-0565 105A GOLD RD., WHITEHORSE, YT Y1A 2W4 • TEL. 668-3156 • FAX. 661-6881

PRO NUMBER

WAS0372

ER CATHRO & ASSOCIATES
 BOX 4127

CONSIGNEE

CHEMEX LAB
 212 BROOKS BANK AVENUE
 NORTH VANCOUVER

ADDRESS Y1 Y1A 3B9

SHIPPING DATE

SHIPPER'S REF. NO.

CUSTOMER P.O. NO.

ER CATHRO & ASSOCIATES
 BOX 4127

08/24/99

ADVANCE PRO NO.

BEYOND PRO NO.

ADDRESS Y1 Y1A 3B9

DESCRIPTION	WEIGHT	RATE	PREPAID	COLLECT
6 BAGS SAMPLES	110 LB	MCN	38.50	
INVOICE				
GST# B9663 6396 RT		7.00	2.70	
6 TOTAL PIECES	TOTAL WEIGHT 110	TOTAL CHARGES	41.20	

Handwritten: 4 Nord

MS WILL BE ALLOWED AFTER 30 DAYS FROM RECEIPT OF GOODS.
 ALL FREIGHT BILLS, ORIGINAL OR CERTIFIED COPY OF ORIGINAL
 AND PAID FREIGHT MUST ACCOMPANY CLAIM.

RECEIVED SUBJECT TO CLASSIFICATION AND TARIFFS
 IN EFFECT ON THIS DATE

S: 24% PER ANNUM WILL BE CHARGED
 ON ACCOUNTS OVERDUE AFTER 30 DAYS.

ANY LOSS OR DAMAGE MUST BE NOTED
 ON PRO BILL. OTHERWISE SIGNATURE
 WILL CONSTITUTE CLEAR RECEIPT AND
 CLAIMS WILL NOT BE HONORED.

DELIVERY DATE

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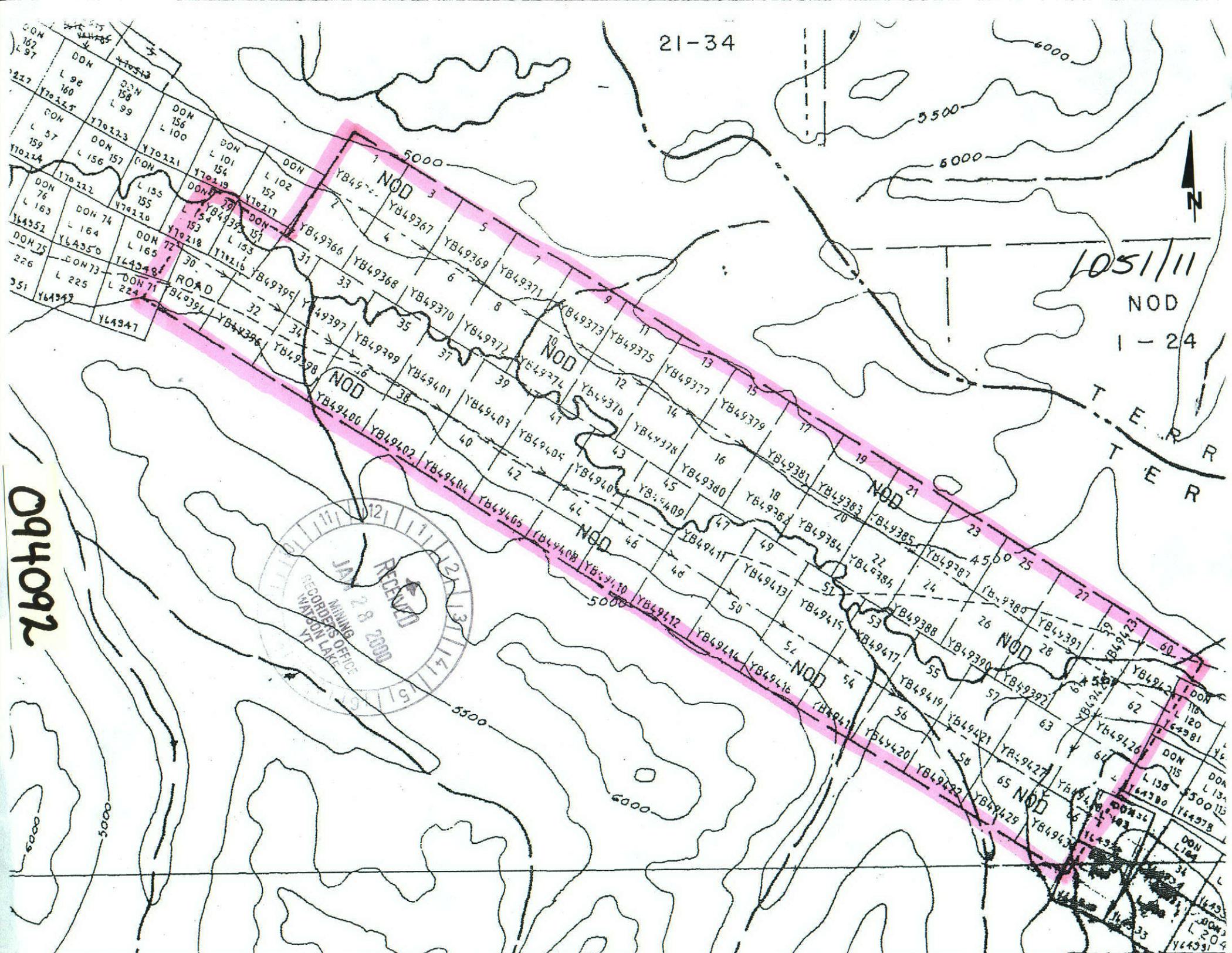
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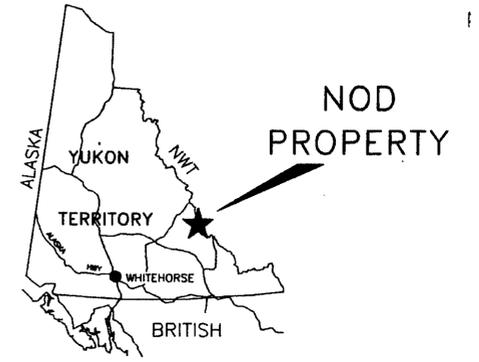
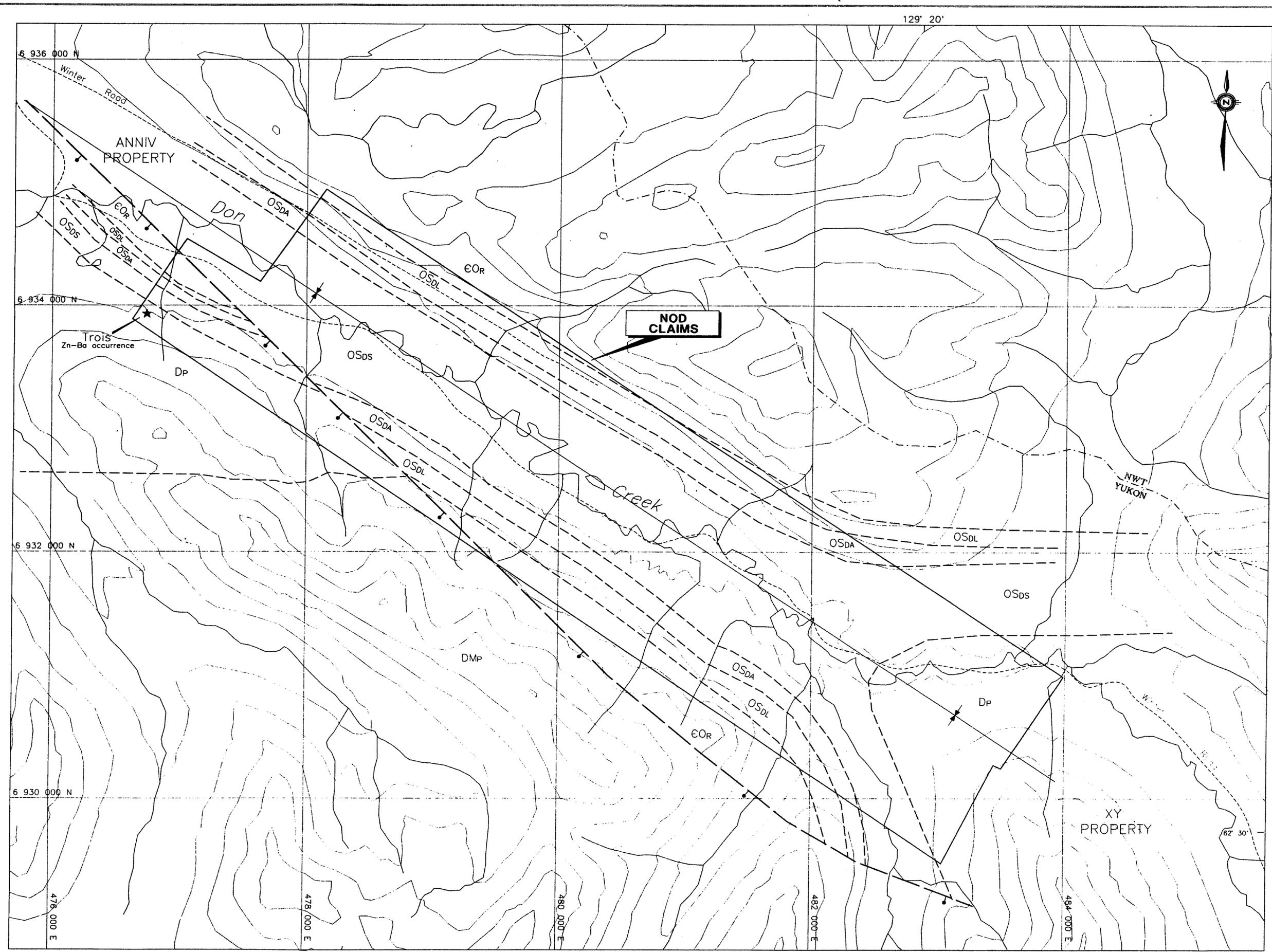


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NOD
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TRUE NORTH
 UTM GRID NORTH
 MAGN. NORTH
 σ 13'

NTS 105-1-11 and 105-1-6
 UTM ZONE 9
 CONTOUR INTERVAL 100m

LEGEND

- DEVONIAN AND MISSISSIPPIAN**
- UPPER EARN GROUP**
 UPPER DEVONIAN TO MIDDLE MISSISSIPPIAN
 PREVOST FORMATION: brown weathering shale, minor chert-quartzite sandstone
 [DMP]
- LOWER EARN GROUP**
 LOWER TO UPPER DEVONIAN
 PORTRAIT LAKE FORMATION: dark to light grey, tan and bluish white weathering, dark grey to black, carbonaceous to siliceous shale and thin bedded chert
 [DP]
- ORDOVICIAN AND SILURIAN**
 ROAD RIVER GROUP
- LOWER ORDOVICIAN TO MIDDLE SILURIAN**
 DUO LAKE FORMATION
- [OSds] Siliceous Shale Unit: light grey to black weathering, recessive grotolitic black shale, with chert and minor fine crystalline limestone
- [OSda] Active Member: intercalated mudstone, limestone and chert; sulphide mineralization consists of fine grained sphalerite, galena and minor pyrite
- [OSdl] Lower Shale Unit: recessive, calcareous to siliceous, dark grey to black shale with minor thin bedded chert
- CAMBRIAN AND ORDOVICIAN**
- UPPER CAMBRIAN AND LOWER ORDOVICIAN**
 RABBITKITTLE FORMATION: alternating light grey and light brown weathering, thin bedded to laminated, fine crystalline nodular blue-grey limestone
 [EOR]
- assumed geological contact

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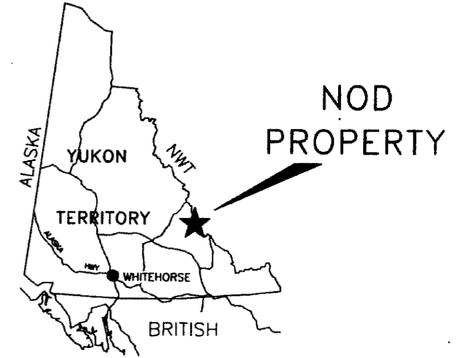
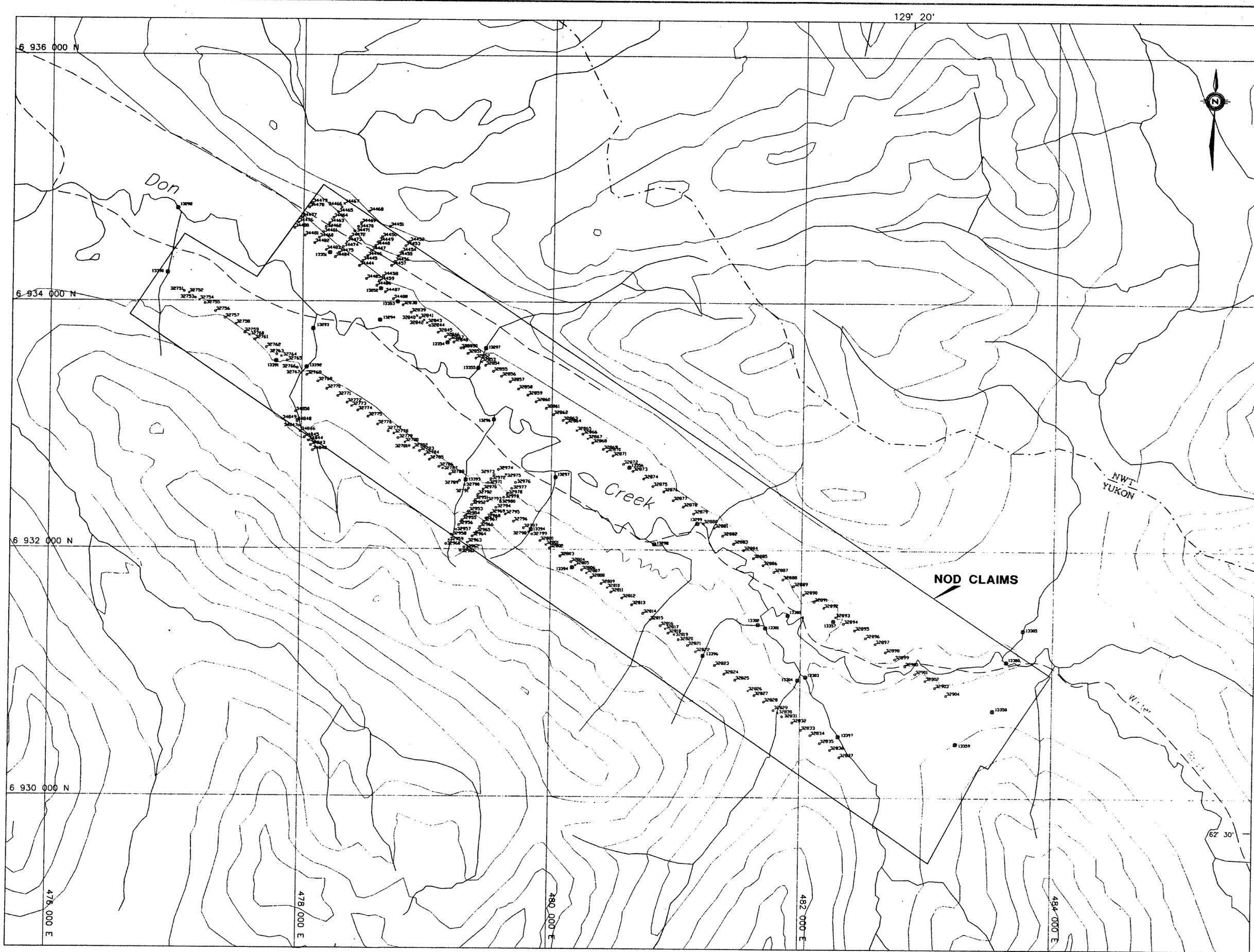
EXPATRIATE RESOURCES LTD.

FIGURE 5
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY
 NOD PROPERTY

SCALE 1:15,000
 0 100 200 300 400 500 600 700 800 900 1000 1100 m

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 FILE: ...NOD\ACAD99\N015-GEO.DWG DATE: JANUARY, 2000



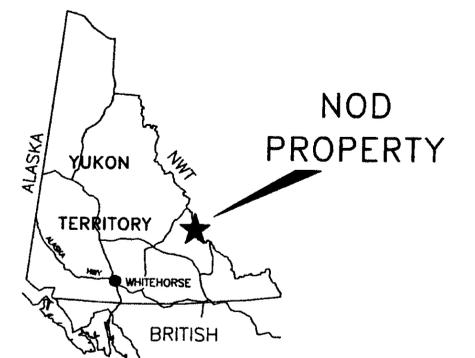
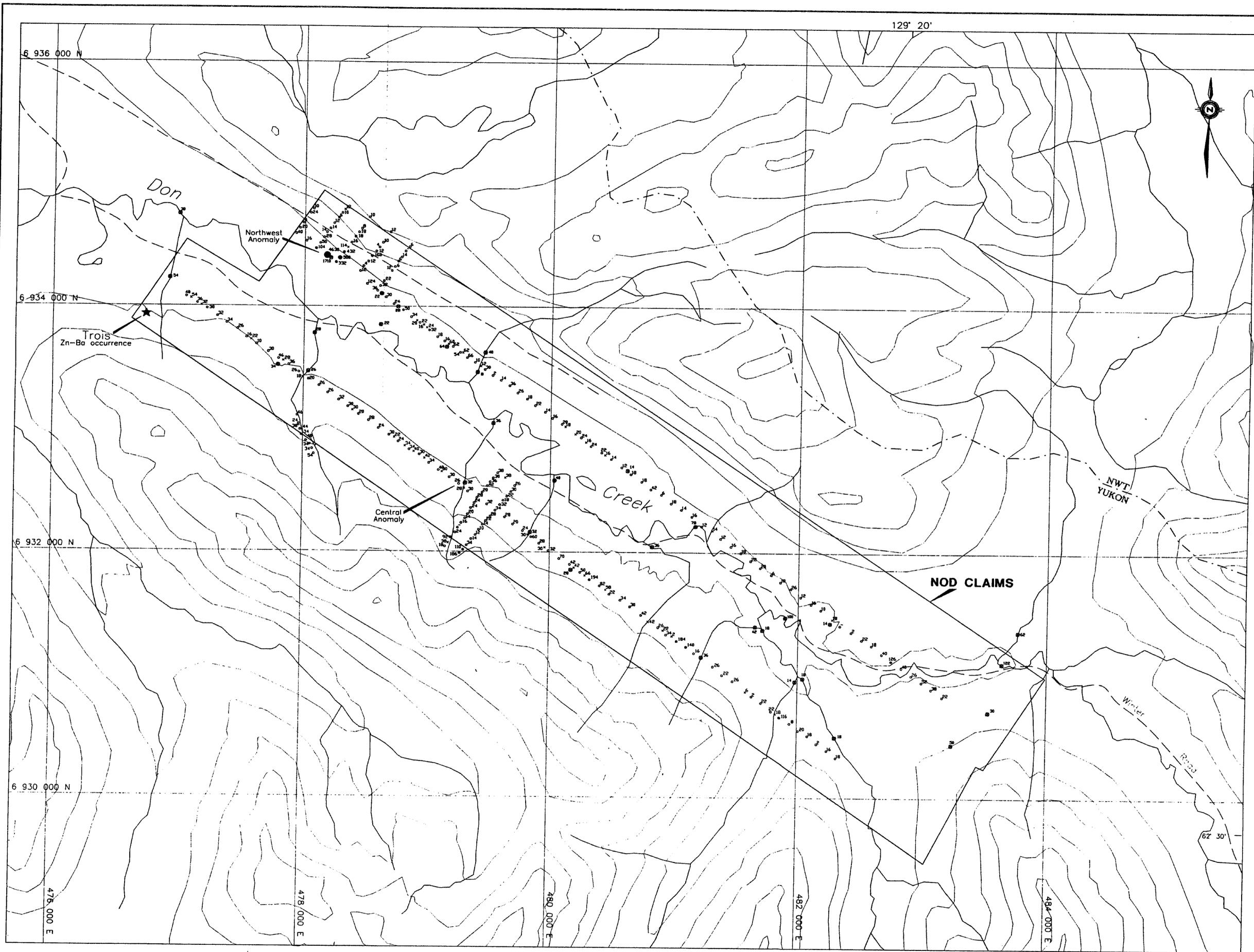
TRUE NORTH
 UTM GRID NORTH
 σ 13'
 MAGN. NORTH

NTS 105-1-11 and 105-1-6
 UTM ZONE 9
 CONTOUR INTERVAL 100m

- 32974 1999 soil sample location and sample number
- 32764 1999 silt sample location and sample number
- 12358 1994 silt sample location and sample number

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EXPATRIATE RESOURCES LTD.	
FIGURE 6 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
SAMPLE LOCATION NOD PROPERTY	
SCALE 1:15,000 0 100 200 300 400 500 600 700 800 900 1000 m	
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FILE: ...NOD\ACAD99\N015-SL.DWG	DATE: JANUARY, 2000



TRUE NORTH
 UTM GRID NORTH
 MAGN. NORTH
 σ 13'

NTS 105-I-11 and 105-I-6
 UTM ZONE 9
 CONTOUR INTERVAL 100m

- 110 1999 soil sample location with Pb value in ppm
- 40 1999 silt sample location with Pb value in ppm
- 1700 1994 silt sample location with Pb value in ppm

- < 100 ppm Pb in soil
- ≥ 100 < 500 ppm Pb in soil
- ≥ 500 < 2000 ppm Pb in soil
- ≥ 2000 ppm Pb in soil

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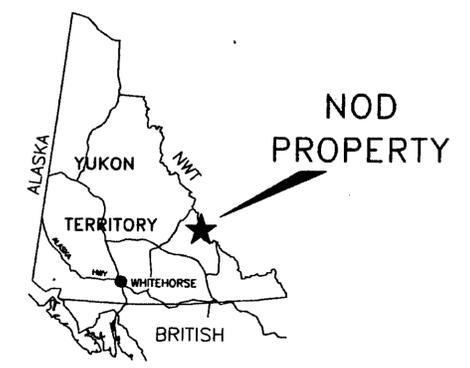
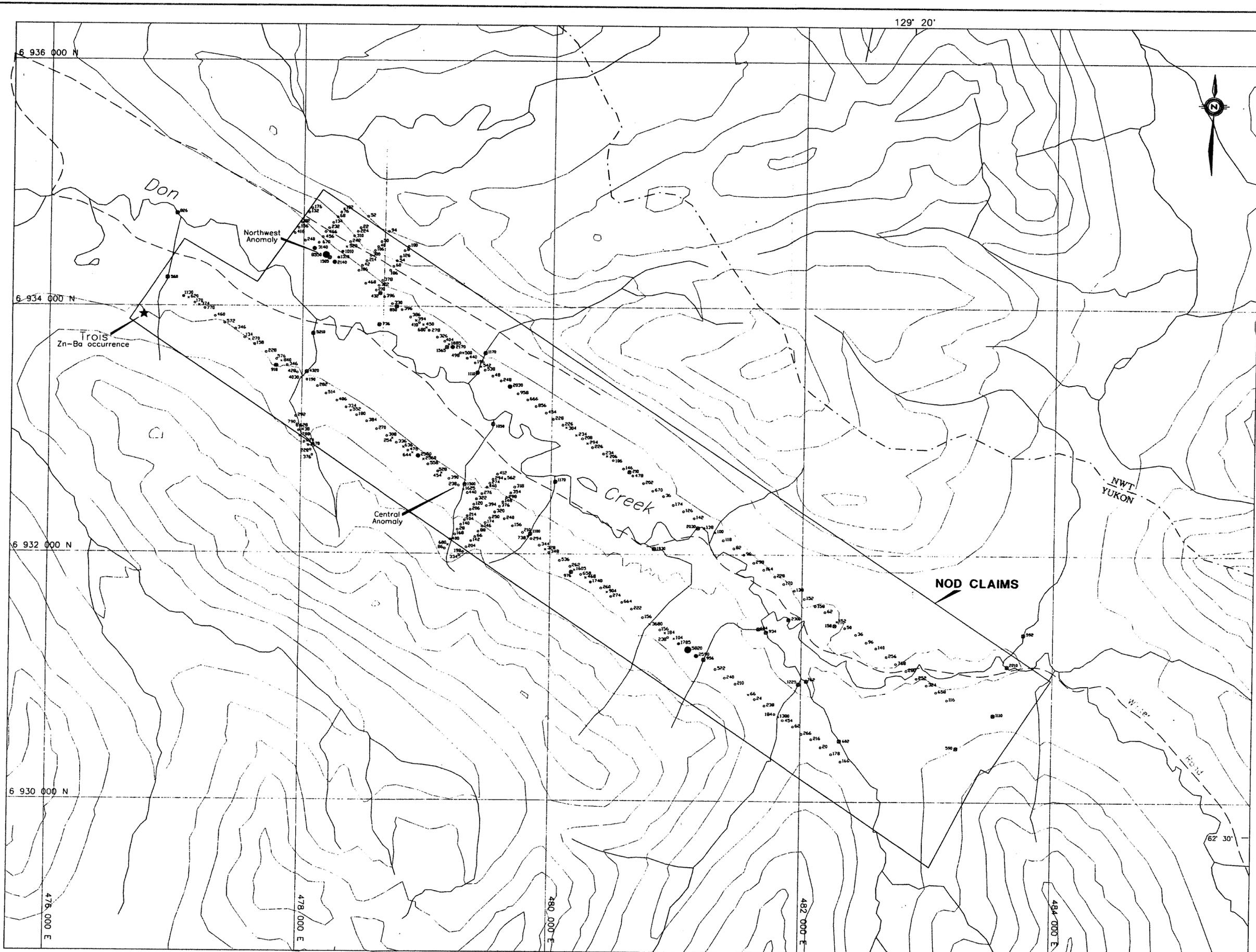
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FIGURE 7
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LEAD GEOCHEMISTRY
 NOD PROPERTY

SCALE 1:15,000

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 FILE: ...NOD\ACAD99\N015-PB.DWG DATE: JANUARY, 2000



TRUE NORTH
 UTM GRID NORTH
 MAGN. NORTH
 σ 13'

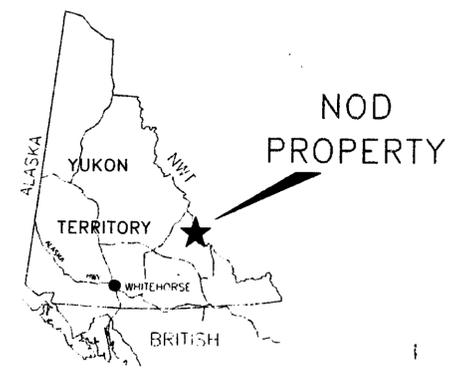
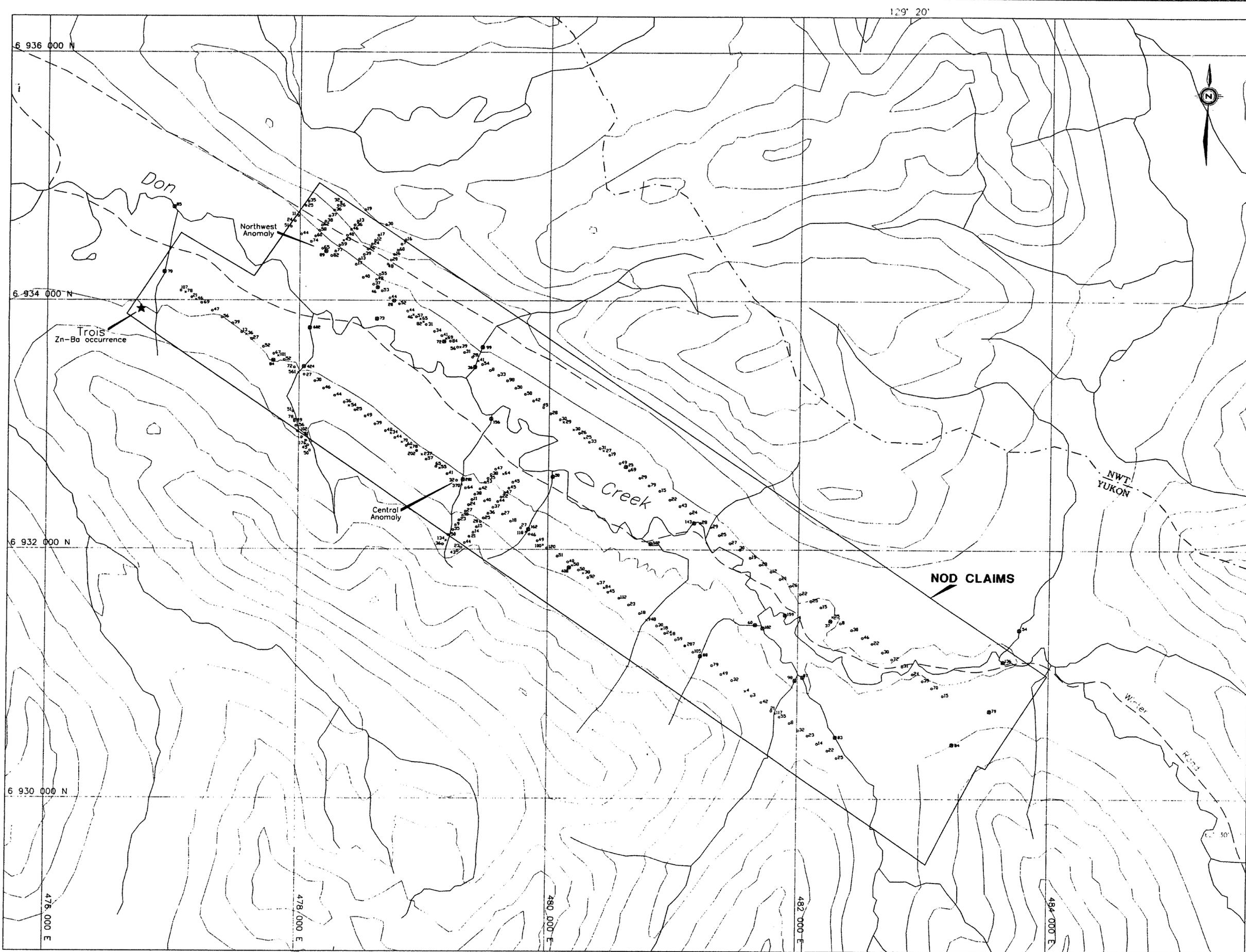
NTS 105-1-11 and 105-1-6
 UTM ZONE 9
 CONTOUR INTERVAL 100m

- 1000 1999 soil sample location with Zn value in ppm
- ⊙ 150 1999 silt sample location with Zn value in ppm
- 850 1994 silt sample location with Zn value in ppm

- < 1000 ppm Zn in soil
- ≥ 1000 < 2000 ppm Zn in soil
- ≥ 2000 < 4000 ppm Zn in soil
- ≥ 4000 ppm Zn in soil

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EXPATRIATE RESOURCES LTD.	
FIGURE 8 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
ZINC GEOCHEMISTRY	
NOD PROPERTY	
SCALE 1:15,000 	
DRAWN/REVISED BY: AG	PROJECT: SELWYN
FILE: ...NOD\ACAD99\1015-ZN.DWG	DATE: JANUARY, 2000



TRUE NORTH
 UTM GRID NORTH
 MAGN. NORTH
 7' 15"

NTS 105-1-11 and 105-1-6
 UTM ZONE 9
 CONTOUR INTERVAL 100m

- 58 1999 soil sample location with Ni value in ppm
 - 29 1999 silt sample location with Ni value in ppm
 - 54 1994 silt sample location with Ni value in ppm
- < 200 ppm Ni in soil
 ● ≥ 200 ppm Ni in soil

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EXPATRIATE RESOURCES LTD.

FIGURE 9
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NICKEL GEOCHEMISTRY
 NOD PROPERTY

SCALE 1:15,000

0 100 200 300 400 500 600 700 800 900 1000 m

DRAWN/REVISED BY: AC PROJECT: SELWYN
 FILE: ...NOD\ACAD99\NO15-NI.DWG DATE: JANUARY, 2000