MAP NO.:
105 I 12

ASSESSMENT REPORT X
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092992
MINING DISTRICT: WATSON LAKE
TYPE OF WORK: GEOLOGY
GEOCHEMISTRY

REPORT FILED UNDER: ARCHER CATHRO & ASSOCIATES (1981) LIMITED

DATE PERFORMED: JULY 6-13, AUGUST 14-18, 1991 **DATE FILED:** DECEMBER 3, 1991

LOCATION: **LAT.:** 62°35'N **AREA:** HOWARDS PASS

LONG.: 129°45'W **VALUE $:**33,600

CLAIM NAME & NO.: FALCON 1-180

WORK DONE BY: ROBERT C. CARNE

WORK DONE FOR: FALCONBRIDGE LIMITED AND NDU RESOURCES

DATE TO GOOD STANDING:

REMARKS: OCCURRENCE IS LOCATED NEAR HOWARDS PASS SEDEX PB ZN DEPOSITS. THE STRATABOUND NI ZN OCCURS AS A THIN HORIZON AT THE UPPER ROAD RIVER LOWER EARN GROUP INTERFACE WHICH MARKS THE TRANSITION FROM STARVED BASIN CALCAREOUS SHALES AND SILICLASTIC TURBIDITES AND DEBRIS FLOWS. SOILS GIVE ELEVATED VALUES FOR CU, CD, AG, AS AND MO WITH VERY HIGH ZN AND NI WHICH IS CHARACTERISTIC OF SEDEX DEPOSITS.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded 23 Dec 71

TRANSMITTAL FORM

From ▶ Mining Recorder at: Watson Lake

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☐ DIAMOND DRILL LOGS — Claims — Claim sheet no.
- ☑ QUARTZ ASSESSMENT REPORT — Claims: FALCON 1-130 — Claim sheet no.: 105-1-12.

Type of report: Geological, Geochemical

Submitted by: Archer, Cathro + Associates (1981) Ltd.

Cls. work performed on: Falcon 1-148 YB 16116-893 Falcon 149-180 YB 34188-1119

$ req. for ren. application: 33600.00

Signature

REPLY ACTION

Date returned

092992

Signature

027-26 (6-86)

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

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

(604) 688-2568

REPORT ON

GEOLOGICAL MAPPING AND GEOCHEMICAL SAMPLING

on the

FALCON PROPERTY, YUKON TERRITORY

Falcon 1-148 Claims (YB16746 to YB16893)
Falcon 149-180 Claims (YB34088 to YB34119)

Latitude 62°35'N; Longitude 129°45'W

NTS 105I/12

Watson Lake Mining District

092992

for

FALCONBRIDGE LIMITED

and

NDU RESOURCES LTD.

OFFICE OF THE RECORDER
MINERAL RIGHTS
YUKON TERRITORY

RECEIVED
DEC 23 1991
RECORDER
WATSON LAKE, Y.T.
I.A. & N.D.

R.C. Carne, M.Sc.

November, 1991

Field Work Performed July 6-13, August 14-18, 1991

BOX 4127, 3125 THIRD AVENUE, WHITEHORSE, Y.T. Y1A 3S9

(403) 667-4415

This report has been examined by the Geological Evaluation Unit under Section 53 (1) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 33 600 .

D J Ouellette

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

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5	Geology, Southeast, 1:10,000	In Pocket
6	Zinc Geochemistry, Northwest, 1:10,000	In Pocket
7	Zinc Geochemistry, Southeast, 1:10,000	In Pocket
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SUMMARY AND RECOMMENDATIONS

The Falcon claims cover a large area of anomalous multi-element silt geochemical response centred about calcareous spring deposits (tufa) with elevated metal values. Samples of this material collected by the GSC in 1984 contained up to 18.5% Zn and 0.9% Ni. The exploration target is zinc-nickel rich polymetallic massive sulphide mineralization similar to that found in Lower Devonian shales on the Nick property in central Yukon. The 1991 program of reconnaissance geochemical sampling, grid geochemical sampling and geological mapping was funded by Falconbridge Limited under the terms of a June, 1991 option agreement with the property owner, NDU Resources Ltd.

The potential for sedimentary exhalative (sedex) zinc-nickel mineralization is demonstrated by intense multi-element geochemical response in six areas within, or immediately adjacent to, the Falcon property. The anomalies appear to reflect a source horizon at the recessive Lower Devonian contact between Road River Group and Earn Group sedimentary rocks. This stratigraphic position marks the transition between "starved basin", dominantly calcareous or dolomitic shale and mudstone of the Ordovician to Lower Devonian Road River Group and siliciclastic turbidite and debris flow deposits interlayered with carbonaceous cherty argillites of the Middle Devonian to Mississippian Earn Group.

Two areas of strong silt geochemical response were explored in 1991 by grid soil surveys on 50 by 100 m or 200 m sample spacing. Zinc values exceed 1% and nickel determinations range up to 4920 ppm. Elevated copper (50 to 1105 ppm), cadmium (20 to >100 ppm), silver (1 to 11.4 ppm), arsenic (25 to 405 ppm) and molybdenum (25 to 330 ppm) response coincide with the zinc and nickel anomalies. This suite of metals is characteristic of the Nick polymetallic sedex mineralization but values for all metals, especially zinc and nickel, are much higher on the Falcon claims and form much more well defined anomalies than

results of similar soil geochemical surveys on the Nick property. This suggests that the potential for economic thicknesses of high grade polymetallic massive sulphide mineralization may be higher on the Falcon property.

A semi-controlled, contoured photomosaic should be prepared from existing government aerial photography to provide a basis for follow-up mapping and sampling programs. An additional 54 claims should be added to the Falcon property prior to further physical work to cover unstaked extensions of anomalous areas. Initial priority should also be given to detailed silt geochemical sampling around the property perimeter to determine whether the claim block should be enlarged further to cover unexplored extensions of favourable stratigraphy. Detailed soil sampling carried out in conjunction with geological mapping is the most effective method for defining source areas of elevated stream sediment geochemical response. The two 1991 soil sample grids should be enlarged to encompass anomalous drainage basins along strike. In addition to this, three other areas of anomalous stream sediment geochemical response remain to be tested by grid soil surveys and detailed geological mapping. Follow-up by hand trenching and shallow diamond drilling should be carried out on the most promising targets generated by detailed exploration. A proposed budget for this work follows.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

/mc

R.C. Carne.

PROPOSED 1992 EXPLORATION BUDGET
FALCON PROPERTY

Diamond Drilling - 600 m BQ @ $100/m	$ 60,000
Helicopter - 75 hours @ $750/hr	56,000
Labour - senior geologist for 60 days (office and field), three assistants for 15 days, cook for 30 days, one assistant for 15 days; expediting and accounting	40,000
Room and Board	20,000
Assays - assume 1500 soil samples and 100 rock samples	19,000
Travel and Freight	5,600
Assessment Filing	5,000
Office - drafting, long distance calls, map prints	5,000
Truck Rental	4,000
Management	10,400
	$225,000
Plus 7% GST	15,750
TOTAL -	$240,750

INTRODUCTION

The Falcon property was staked in March, 1990 by NDU Resources Ltd. to cover coincident zinc-nickel geochemical anomalies revealed by multi-element reanalyses of old geochemical pulps collected by Archer, Cathro & Associates Limited in 1976 and 1977 during the course of regional exploration.

The 1991 program of reconnaissance geochemical sampling, grid geochemical sampling and geological mapping was funded by Falconbridge Limited under the terms of a June, 1991 option agreement with NDU Resources. The potential for sedimentary exhalative (sedex) zinc-nickel mineralization is demonstrated by property-wide anomalous geochemical values in silts and soils derived from a poorly exposed Lower Devonian shale horizon. The 1991 exploration program consisted of prospecting, geological mapping and geochemical sampling totalling 478 soil, silt and rock samples. Two areas of strong geochemical response were further defined by 1991 grid soil sampling while a third corresponds to an area partially investigated in detail by earlier explorers in 1974.

The author's Statement of Qualifications is given in Appendix I while a list of personnel who worked on the project appears as Appendix II.

HISTORY

The area was previously staked and explored in 1972-74 by Dynasty Exploration Ltd. (later Cyprus Anvil Mining Corp.) and a number of junior mining companies whose field exploration was directed by Dolmage, Campbell and Associates and by Cominco in 1977-79. Highly anomalous zinc values in silts and soils were explored with grid geochemical sampling, geophysical surveys and limited diamond drilling but no mineralization was found and the geochemical response was attributed to high backgrounds in metalliferous Road River Group shales. A GSC reconnaissance-scale multi-element stream sediment survey released in 1982 confirmed the anomalies but no further exploration was carried out due to low zinc prices and the effects of economic downturn on the mining industry.

The GSC later carried out follow-up sampling and prospecting in one of the anomalous drainages and discovered a large area of mound-forming tufa carrying secondary zinc mineralization (smithsonite, zincian calcite and hemimorphite). Analyses of this material range up to 18.5% Zn and 0.9% Ni. The source was attributed to hydromorphic dispersion from a nearby undiscovered base metal deposit.

The Falcon claims were staked by NDU Resources Ltd. in March, 1990 based on geochemical and geological similarities with the Nick nickel-zinc sedex deposit in north-central Yukon. The 1991 exploration program was funded by Falconbridge Limited under the terms of a June, 1991 option agreement with NDU.

LOCATION AND ACCESS

The Falcon property is located in eastern Yukon, approximately 150 km northeast of the community of Ross River (Figure 1). The property trends roughly northwest-southeast and is centred at coordinates 62°35'N and 129°45'W on NTS map sheet 105I/12. The claims lie 75 km northwest of the Cantung Highway and 8 km west of the Anniv sedex zinc-lead deposit at Howards Pass. A system of winter roads built from Cantung to Howards Pass to support drilling and underground exploration in the 1970's and early 1980's extends to within 4 km of the Falcon claims. The claim block covers a number of west-southwesterly trending ridges and valley bottoms in the headwaters region of the Pelly River. Elevations on the property range from 1100 to 1700 m.

The 1991 exploration was carried out from a basecamp on the North Canol Road at Dewhurst Creek, approximately 65 km northeast of the centre of the claim block. The field work was supported with daily set outs and pickups by a Trans North Air Ltd. helicopter based near the camp at Macmillan Pass.

CLAIM STATUS

The property consists of 180 Falcon claims (Figures 2 and 3) that are registered with the Watson Lake mining recorder as follows.

Claim Name	Grant Numbers	Expiry Date
Falcon 1-148	YB16746-YB16893	September 20, 1993
Falcon 149-180	YB34088-YB34119	September 20, 1993

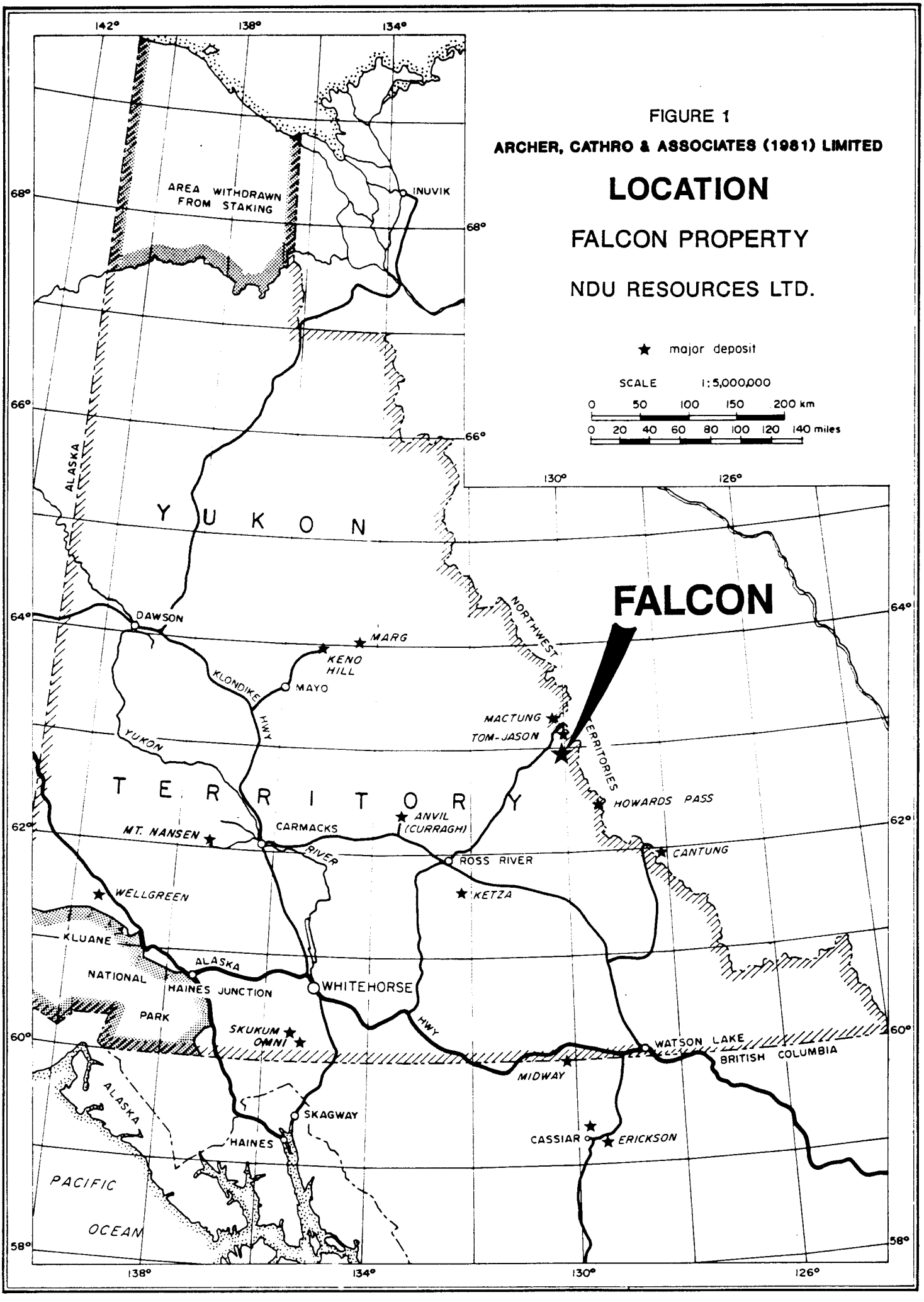


FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LOCATION
FALCON PROPERTY
NDU RESOURCES LTD.
★ major deposit
SCALE 1:5,000,000
0 50 100 150 200 km
0 20 40 60 80 100 120 140 miles
FALCON
142°
138°
134°
130°
126°
68°
66°
64°
62°
60°
58°
AREA WITHDRAWN FROM STAKING
INUVIK
ALASKA
YUKON
TERRITORY
DAWSON
MARG
KENO HILL
KLONDIKE HWY
MAYO
YUKON
NORTHWEST TERRITORIES
MACTUNG
TOM-JASON
HOWARDS PASS
MT. NANSEN
CARMACKS
ANVIL (CURRAGH)
RIVER
ROSS RIVER
CANTUNG
WELLGREEN
KETZA
KLUANE
NATIONAL PARK
ALASKA
HAINES JUNCTION
WHITEHORSE
SKUKUM OMNI
HWY
WATSON LAKE
BRITISH COLUMBIA
MIDWAY
SKAGWAY
HAINES
CASSIAR
ERICKSON
PACIFIC OCEAN

GEOLOGY

The Falcon property lies along the east side of Selwyn Basin. Stratigraphy in the area is broken into two sequences. The Ordovician to Lower Devonian Road River Group comprises a variably calcareous or dolomitic starved basin shale, mudstone and chert assemblage. The overlying Middle Devonian to Mississippian Earn Group consists of fine-grained siliceous argillite interlayered and interfingered with fine- to coarse-grained siliciclastic rocks deposited as turbidites and debris flows. Geology of the property is shown on Figures 4 and 5 while stratigraphy is summarized on Table I.

The Road River Group hosts the 500+ million tonne Howards Pass zinc-lead sedex deposits located 8 to 20 km southeast of the Falcon claims. The Tom and Jason barite-hosted lead-zinc-silver sedex deposits occur in Upper Devonian Earn Group siliceous argillites at Macmillan Pass, 80 km to the north.

Structural geology of the Falcon claims area is relatively simple, consisting of open and upright to slightly overturned folds. While most measured bedding attitudes are relatively steep, the associated folds have relatively small amplitudes and the overall effect is one of relatively flat-lying to broadly-folded stratigraphy. Normal faults strike northeasterly, parallelling regional structural trends.

Road River Group lithologies are generally recessive and exposures of the unit are relatively rare. The lowest part of the section on the property consists of non-siliceous, grey weathering black, fissile shale with thin dolomitic siltstone "pinstripes" spaced at 3 to 8 mm intervals (Unit OSDps). This sequence is probably correlative with Early Silurian rocks which host the nearby Howards Pass sedex mineralization.

An orange-brown weathering, thick to massive bedded, laminated to bioturbated dolomitic siltstone and silty mudstone unit (OSDds) forms the most

TABLE I
TABLE OF FORMATIONS

UPPER DEVONIAN TO MISSISSIPPIAN:
UPPER EARN GROUP

uDMss	brown weathering silty shale and siltstone (distal turbidites)
uDMtb	brown weathering silty sandstone and shale (proximal turbidites)

MIDDLE TO UPPER DEVONIAN:
LOWER EARN GROUP

mDsc	silvery-grey weathering siliceous black shale and cherty argillite
mDcg	dark grey to black weathering chert granule siltstone, pebbly mudstone and fine-grained conglomerate (debris flows and turbidites)
mDba	dark grey laminated barite
mDca	black chert, cherty argillite
mDss	grey to rusty-grey weathering silty shale

ORDOVICIAN TO LOWER DEVONIAN:
ROAD RIVER GROUP

OSDsm	brown weathering silty mudstone with scattered orange weathering ferroan dolomite and/or grey weathering limestone intervals
OSDca	very carbonaceous cherty argillite and thin-bedded black chert
OSDfs	very soft fissile black shale, commonly graptolitic
OSDds	orange-brown weathering dolomitic siltstone to silty mudstone
OSDps	non-siliceous, grey weathering black shale with thin dolomitic siltstone "pinstripes"

reliable marker unit within the Road River assemblage. This is correlative with a distinctive unit variously known throughout Selwyn Basin as the "flaggy mudstone", "chippy mudstone" and "Silurian siltstone".

Very soft, recessive, fissile black shale (Unit OSDfs) is exposed only in creek cuts and steep side hills. Graptolites are often present where bedding plane partings dominate over cleavage. These fossils, in addition to rarely seen trilobite carapace fragments, define an Upper Silurian to Lower Devonian age for the assemblage.

A resistant thin-bedded black chert and carbonaceous, cherty argillite sequence (Unit OSDca) overlies the fossiliferous shale unit. These rocks typically display a high degree of internal structural complexity, probably due to abrupt changes in ductility between the chert and argillite members.

The uppermost member of the Road River Group is a variably brown weathering, dark grey silty mudstone sequence with scattered orange weathering ferroan dolomite and/or grey weathering limestone intervals (Unit OSDsm).

The Middle to Upper Devonian Lower Earn Group consists of variably fine- to coarse-grained siliciclastic rocks. Internal stratigraphy is well defined because these lithologies are resistant and occur at relatively high structural levels on well-exposed ridge crests.

The lowest member of the Earn Group consists of grey to rusty-grey weathering silty black shale (Unit mDss) in apparently conformable contact with underlying Road River lithologies. This is overlain by, and interbedded with, 5 to 150 m thick, resistant, medium- to thick-bedded black chert and cherty argillite sequences (Unit mDca).

Dark grey, laminated, bedded barite (Unit mDba) occurs in two locations in the northwest part of the property (Figure 4). The barite appears to be lensoidal in shape with maximum thickness of about 30 m over strike lengths up to

150 m. The barite is probably correlative with baritic lead-zinc-silver sedex deposits at Macmillan Pass.

The bulk of the Lower Earn Group consists of medium-bedded dark grey to black weathering chert granule siltstone and fine-grained conglomerate debris flows (Unit mDcg) with intervals of black cherty argillite (Unit mDca) and silvery grey weathering siliceous black shale and chert (Unit mDsc).

The Upper Devonian to Mississippian Upper Earn Group consists of brown weathering silty sandstone and shale (Unit uDMtb) deposited as proximal turbidites and brown weathering silty shale and siltstone (Unit uDMss) deposited as distal turbidites.

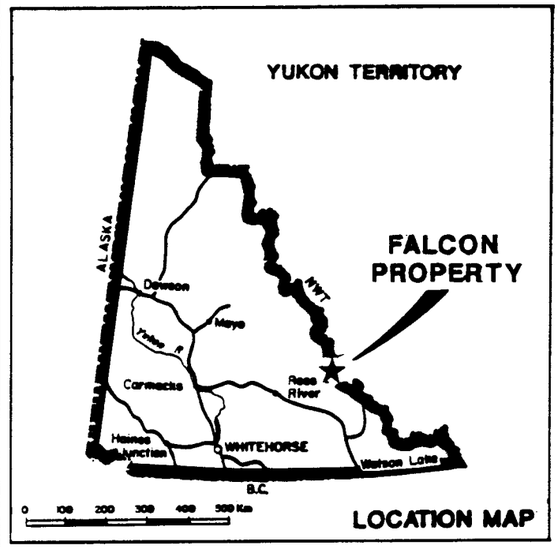
No intrusive rocks have been discovered to date on the Falcon property.

GEOCHEMISTRY AND MINERALIZATION

Geochemistry of the Falcon claims and the immediately surrounding area is plotted on 1:10,000 scale maps (Figures 6 to 9). Geochemical values from two areas of grid soil sampling in 1991 are given in detail at 1:5,000 scale on Figures 10 to 18. Geochemical and geological data are summarized at 1:20,000 scale on Figure 19. Complete results of multi-element analyses of the 478 soil, silt and rock samples collected from the Falcon property in 1991 appear as Appendix III.

Samples were analyzed at Chemex Labs Ltd., North Vancouver, B.C. Soil and stream sediment samples collected in pre-numbered kraft paper bags were dried and sieved to minus 80 mesh. Rock samples were prepared for geochemical analysis using standard crushing and pulverizing procedure. All samples were analyzed for thirty-two elements using induced coupled plasma (ICP) determination on nitric acid-aqua regia digestions of two gram sample splits. Platinum, palladium and gold analyses were carried out on selected sample pulps by fire assay-induced coupled plasma fluorescence (FA-ICP-AFS) procedure. Grid soil samples were taken from the "B" horizon, where possible, at 50 m intervals with line spacings of 100 or 200 m. Control was established by Hip Chain and compass from a cut baseline. Sample sites were marked by orange flagging labelled with the sample number.

Anomalous zinc and nickel geochemical values reflect a source horizon at the Lower Devonian contact between the Road River and Earn Groups. This is a relatively recessive stratigraphic interval and no mineralization has yet been discovered to explain the high metal response. In addition to anomalous zinc and nickel response, the horizon is reflected by elevated silver (1 to 11.4 ppm), arsenic (25 to 405 ppm), copper (50 to 1105 ppm), cadmium (20 to >100 ppm) and molybdenum (25 to 330 ppm) values. This suite of metals is characteristic of polymetallic sedex mineralization comprising the Lower Devonian Nick deposit in



SYMBOLS

ferricrete

Figure 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SAMPLE LOCATION

FALCON – GRID 2

NR PROJECT

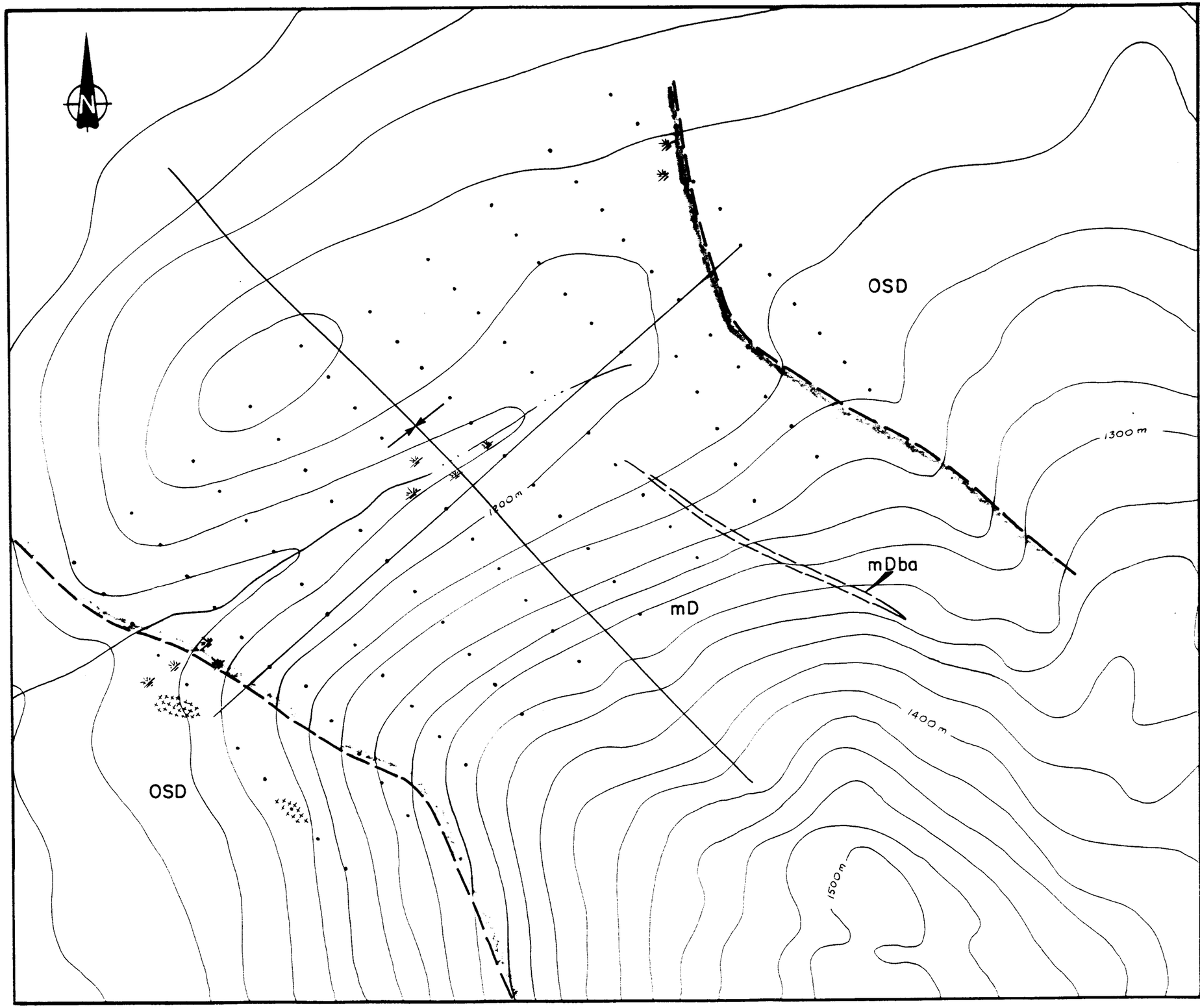
FALCONBRIDGE LIMITED

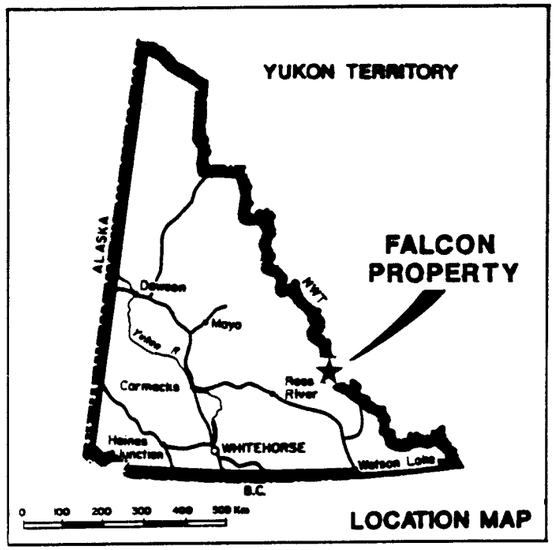
NDU RESOURCES LTD.

SCALE 1:5000

0 50 100 200 300m

To accompany report dated Nov. 1991





LOCATION MAP

LEGEND

MIDDLE TO UPPER DEVONIAN:

LOWER EARN GROUP

- mD — undivided fine to medium grained siliciclastic rocks
- mDba — laminated grey bedded barite

ORDOVICIAN TO LOWER DEVONIAN:

ROAD RIVER GROUP

- OSD — undivided calcareous and dolomitic siltstone, mudstone and chert

SYMBOLS

- geological contact (approximate)
- favourable Lower Devonian stratigraphic horizon
- ferricrete
- syncline

Figure 16.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FALCON – GRID 2

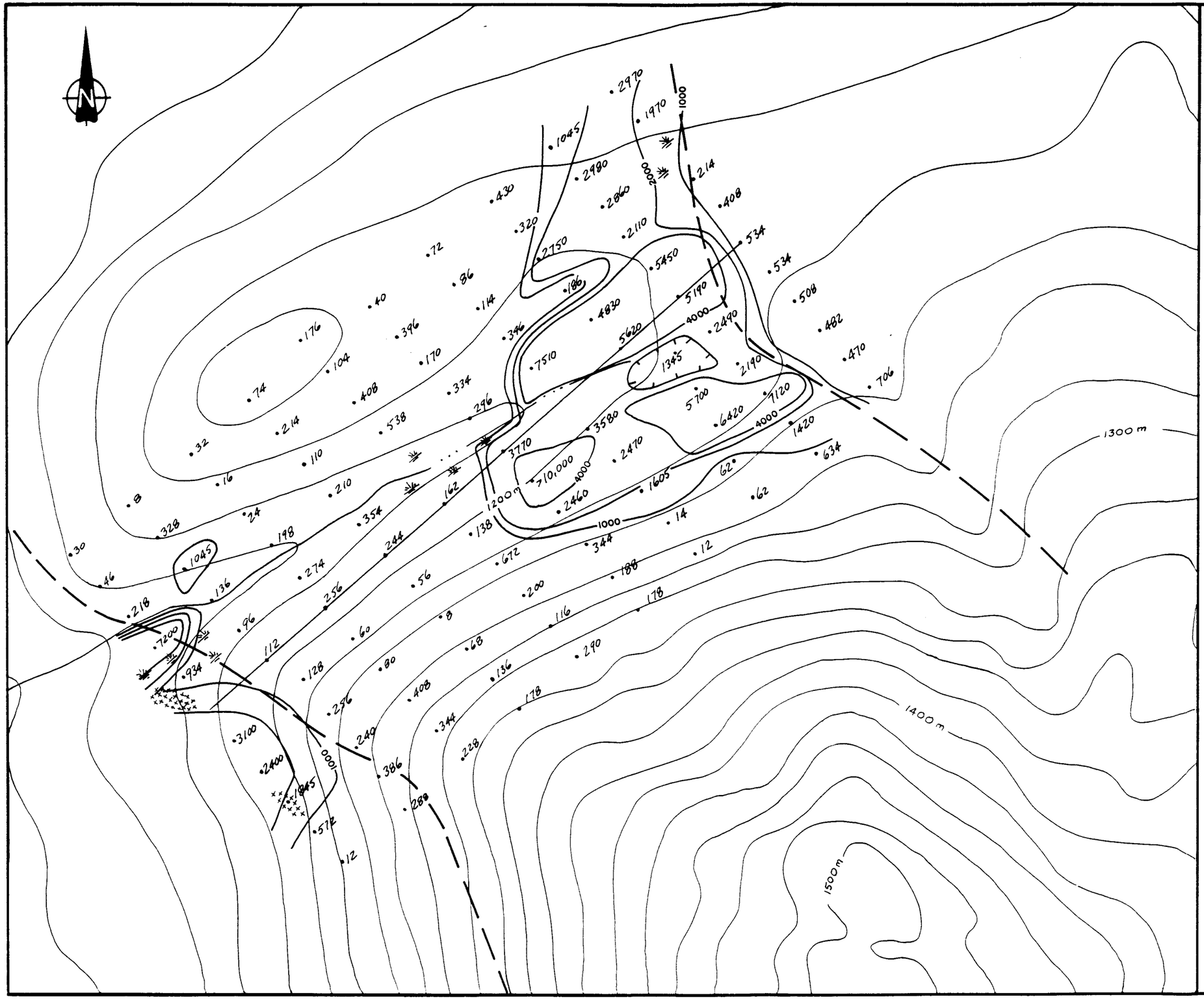
GEOLOGY

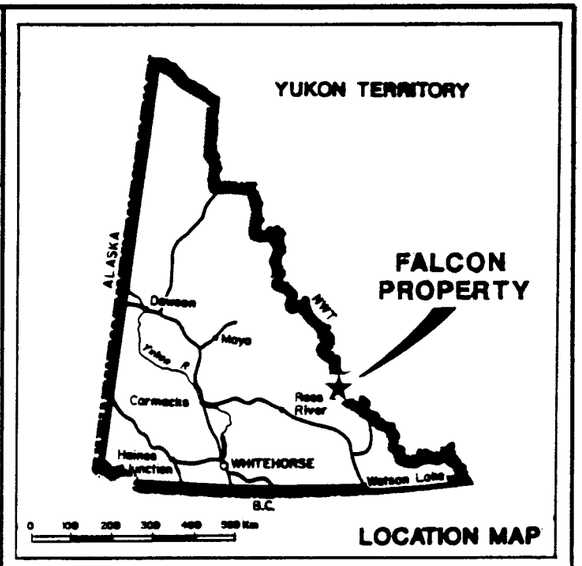
FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:5000

0 50 100 200 300m

To accompany report dated Nov. 1991





SYMBOLS

ferricrete

4000
2000 — contour intervals (ppm)
1000

favourable Lower Devonian stratigraphic horizon (approximate)

Figure 17

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FALCON – GRID 2

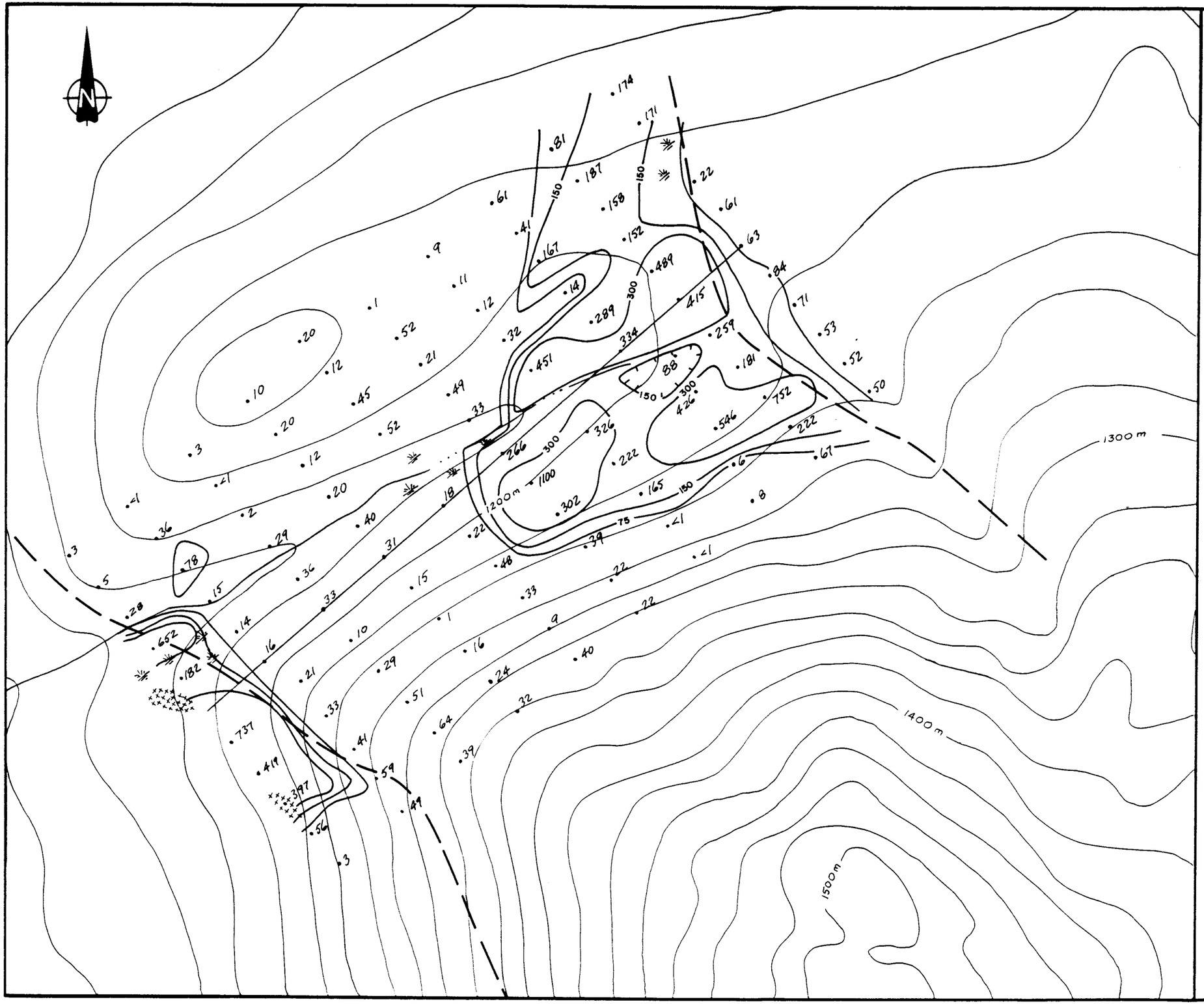
ZINC GEOCHEMISTRY

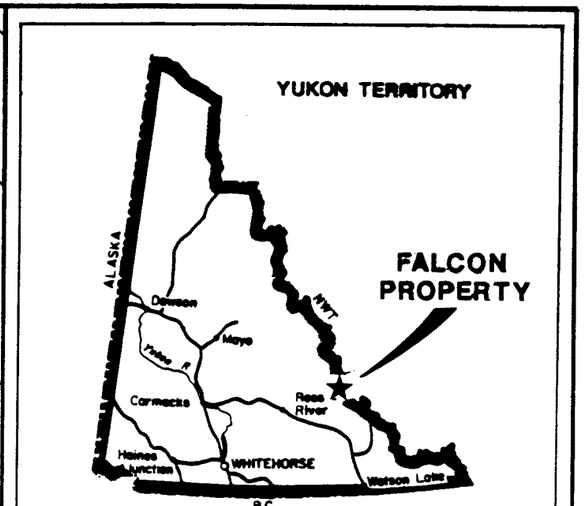
FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:5000

0 50 100 200 300m

To accompany report dated Nov. 1991





SYMBOLS

- ferricrete
- 300 / 150 / 75 — contour intervals (ppm)
- favourable Lower Devonian stratigraphic horizon (approximate)

Figure 18

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FALCON – GRID 2

NICKEL GEOCHEMISTRY

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:5000

0 50 100 200 300m

To accompany report dated Nov. 1991

central Yukon. Platinum, palladium and gold values were determined for soil sample pulps from a transect across the strongest multi-element anomaly on Grid 1 (Figure 14). Precious metal values are low and the little variation present bears no relationship to variability of zinc and nickel. Lead values are uniformly low (less than 30 ppm) suggesting that conventional barite-lead-zinc sedex mineralization is not present.

Seven distinct areas of anomalous multi-element geochemical response occur within the area of, or immediately adjacent to, the Falcon property. These areas are identified on Figure 19 and described below.

Area A

The Falcon claims were originally staked to cover an area of anomalous geochemical response centred about metalliferous calcareous spring deposits (tufa). Samples of this material collected by the GSC in 1984 returned values which range up to 18.5% Zn and 0.9% Ni. Zinc-bearing materials include smithsonite, zincian calcite and hemimorphite.

Soil sampling in Grid 1 was carried out in 1991 over the area of metalliferous tufa to define the source of metal response. Sample locations, geology, contoured zinc values and contoured nickel values are given on Figures 10 to 13. Selected sample pulps were reanalyzed for platinum, palladium and gold and these values are shown on Figure 14.

Anomalous zinc (1000 to >10,000 ppm) and nickel values (75 to 4920 ppm) occur in soil samples taken along or downslope of the Lower Devonian Road River Group-Earn Group contact for a one kilometre distance along both sides of a northwest-trending syncline. Soil samples taken from the immediate area of the metalliferous tufa do not carry elevated metal values. The tufa was probably deposited from spring waters and the contained metals were likely derived from upslope mineralized areas outlined by anomalous soil geochemistry. The anomalies

extend off the grid to the southeast. Analyses of silt samples taken from creeks draining the northeast limb of the syncline outline a further two kilometre potential strike length extension to the southeast. Total area of uneroded potential mineralization, if continuous across the keel of the syncline below Earn Group cover rock, could exceed one square kilometre.

Area B

Anomalous multi-element geochemical response occurs on both limbs of a faulted anticline southeast of Grid 1. Drainages carrying metal values in silts >10,000 ppm Zn and up to 571 ppm Ni outline at least an 1800 m strike length of anomalous Lower Devonian stratigraphy on the northeast limb. No detailed soil sampling was carried out over this target in 1991 but results of 1974 grid soil sampling in the most anomalous drainage basin returned strongly anomalous zinc values downslope of a 300 m long section of the anomalous trend (Figure 7.)

Area C

A large area of moderately to strongly anomalous zinc response (up to 14,400 ppm) in silts was outlined by 1972-74 exploration west of the south-central part of the Falcon property. This area is not represented by the 1990-91 data base and multi-element geochemical values are not available. Sufficient mapping has not been carried out to indicate whether or not potential mineralization relates to the Lower Devonian contact or to another stratigraphic setting.

Area D

The strongest geochemical response in the property area occurs at the extreme northeast end of the current property where a silt sample taken at the mouth of a one kilometre long creek in 1977 and reanalyzed in 1990 returned values of 8500 ppm Zn and 3380 ppm Ni. Grid soil sampling (Grid 2) of the drainage basin was carried out in 1991 to define a source area for the silt geochemical anomaly. Results are documented on Figures 15 to 18.

Anomalous zinc (1000 to >10,000 ppm) and nickel values (75 to 1100 ppm) were returned from Grid 2 samples in two heavily vegetated and overburden-covered areas that correspond to the extrapolated Lower Devonian Road River Group-Earn Group contact along both limbs of a northwest-trending anticline. A 500 m strike length of anomalous stratigraphy is outlined on the northeast limb while a 200 m long anomaly occurs along the southwest limb. Both anomalies are open to extension by additional sampling along strike.

Area E

Reconnaissance-scale silt sampling along the northwest side of the Falcon property has outlined a potentially mineralized strike length of 4 km along the Lower Devonian contact. Anomalous silt sample values range from 3800 to 5500 ppm Zn and 313 to 396 ppm Ni.

Area F

A single anomalous creek drains the Lower Devonian contact on the northeast edge of the property. The silt sample, taken approximately 400 m downstream of the favourable stratigraphic interval returned values of 7570 ppm Zn and 425 ppm Ni. Background zinc and nickel values in silt samples collected from nearby creeks indicate that the potentially mineralized strike length is less than 700 m.

Area G

Four tufa occurrences were sampled along the length of a creek that largely drains Road River Group stratigraphy along the northwest edge of the property and in adjacent unstaked ground. Samples of this material returned metal values ranging from 1.28% to 2.03% Zn and 122 to 483 ppm Ni with background levels of silver, arsenic, copper, cadmium and molybdenum. The tufa occurs along the creek banks as flat-lying deposits of secondary carbonate minerals that are largely overgrown by vegetation or covered by colluvium. In the downstream example, a 5 to 8 m thick tufa deposit has been cut down by the creek, forming a steep-sided

canyon. Silt samples from the drainage returned background values for zinc and nickel and this, in conjunction with the physical setting of the secondary carbonate suggests that metalliferous tufa is not presently precipitating from the creek waters in this location. Tufa formation may have been a short-lived post glacial phenomenon. Stream waters were then probably more acidic than now as freshly exposed pyrite in Earn Group shales in the drainage headwaters oxidized rapidly. The ability to carry zinc in solution, and presumably other metals as well, would be enhanced until neutralization occurred by mixing with alkaline ground water draining the dolomitic and calcareous Road River Group. Because the tufa is only enriched in zinc, the source is probably not the Lower Devonian zinc-nickel sedex mineralization targeted elsewhere on the property.

Results of multi-element geochemical sampling carried out in the Falcon claims area in 1990 and 1991, taken in conjunction with results of similar programs carried out recently elsewhere in Selwyn Basin for polymetallic sedex deposits, have refined an exploration approach for this relatively new and poorly understood type of mineralization. Reconnaissance-scale geochemical silt sampling is the most effective method of outlining potential areas of interest. Anomalous drainage basins should be further explored by detailed silt sampling and property-scale geological mapping to provide a framework for grid soil geochemical surveys. Because the suite of metals contained in Nick-type sedex mineralization has relatively high mobility in most Selwyn Basin surficial environments, extensive downstream/downslope dispersion is often present. In spite of this, the geochemical contrast between regional background values and anomalous areas on the Falcon property is abrupt. The grid soil geochemical anomalies have abrupt lateral margins and the upslope limits are distinct so that targets for follow-up exploration by trenching or diamond drilling can be relatively well defined by close spaced soil geochemical sampling carried out in conjunction with detailed geological mapping.

APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

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

Robert C. Carne, B.Sc.,M.Sc.

APPENDIX II

LIST OF PERSONNEL

LIST OF PERSONNEL

NAME	POSITION	PERIOD
Rob Carne	Senior Geologist	July 6-13, August 14-18
Clark Damer	Field Assistant	July 6-13, August 14-18
Bill Wengzynowski	Field Assistant	July 6-13
Kelly Owerko	Field Assistant	July 6-13
Tom Becker	Field Assistant	August 14-18

APPENDIX III

GEOCHEMICAL CERTIFICATES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS A9118332

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T 30141	201	298	0.6	0.79	40	2310	0.5	< 2	1.52	11.5	20	42	127	3.06	10	1	0.20	30	0.51	550	51
T 30142	201	298	1.4	1.32	30	3300	1.0	< 2	0.90	2.5	9	44	109	3.83	10	< 1	0.22	30	0.22	170	27
T 30143	201	298	1.0	0.98	30	1690	< 0.5	< 2	0.21	2.5	6	40	87	2.99	< 10	< 1	0.14	20	0.10	130	30
T 30144	201	298	0.8	0.47	< 5	400	< 0.5	< 2	0.03	< 0.5	2	5	32	1.48	< 10	< 1	0.07	< 10	0.02	45	3
T 30145	201	298	1.2	0.57	20	1200	< 0.5	< 2	0.02	< 0.5	3	7	86	4.02	< 10	< 1	0.18	10	0.03	75	8
T 30146	201	298	1.6	0.69	30	800	< 0.5	< 2	0.02	< 0.5	2	10	92	3.98	< 10	< 1	0.24	10	0.06	75	9
T 30147	201	298	1.0	0.63	35	740	< 0.5	< 2	0.05	0.5	3	12	179	4.78	< 10	< 1	0.29	10	0.04	90	21
T 30148	201	298	2.2	0.71	45	600	< 0.5	< 2	0.07	0.5	2	30	108	3.88	< 10	< 1	0.31	20	0.05	50	39
T 30149	201	298	7.2	1.55	90	530	< 0.5	< 2	0.06	< 0.5	< 1	79	240	4.50	10	5	0.35	40	0.06	20	191
T 30150	201	298	1.8	1.94	165	1150	< 0.5	< 2	0.11	< 0.5	3	71	312	10.60	< 10	6	0.22	20	0.13	65	211
T 30151	201	298	1.4	1.16	35	2500	0.5	< 2	0.41	16.5	8	46	137	3.62	10	1	0.30	30	0.17	210	34
T 30881	201	298	< 0.2	0.12	395	200	< 0.5	< 2	0.36	40.5	18	5	11	>15.00	< 10	< 1	0.02	< 10	0.03	300	330
T 30882	201	298	0.6	0.47	20	1370	< 0.5	< 2	0.01	1.0	2	15	22	3.17	< 10	< 1	0.32	30	0.03	15	29
T 30883	201	298	1.4	1.05	35	1300	< 0.5	< 2	0.05	< 0.5	3	36	85	3.36	< 10	1	0.19	20	0.08	50	39
T 30884	201	298	< 0.2	0.83	55	2010	< 0.5	< 2	0.10	1.5	4	43	88	2.95	< 10	5	0.16	20	0.08	75	46
T 30885	201	298	0.2	0.46	5	940	< 0.5	< 2	0.01	< 0.5	< 1	10	12	1.01	< 10	< 1	0.13	20	0.02	15	6
T 30886	201	298	6.6	3.00	55	1910	< 0.5	< 2	0.04	1.0	1	70	166	2.23	< 10	< 1	0.08	10	0.04	15	39
T 30887	201	298	0.4	0.95	35	710	< 0.5	< 2	0.09	9.0	42	13	102	8.49	< 10	< 1	0.09	10	0.05	1840	11
T 30888	201	298	4.4	0.73	20	860	< 0.5	< 2	0.02	1.5	2	18	149	1.35	< 10	2	0.10	20	0.02	60	9
T 30889	201	298	0.6	1.60	5	1460	0.5	< 2	0.44	11.5	20	25	132	2.34	< 10	< 1	0.20	20	0.52	510	6
T 30890	201	298	0.4	1.36	25	1510	0.5	< 2	0.52	10.5	10	25	113	2.08	< 10	< 1	0.20	20	0.48	315	8
T 30891	201	298	8.4	1.54	25	2220	< 0.5	< 2	0.08	2.5	4	66	160	2.33	< 10	4	0.18	10	0.25	70	36
T 30892	201	298	2.4	1.05	25	1470	0.5	< 2	0.13	4.0	< 1	97	70	1.30	< 10	8	0.17	10	0.09	35	35
T 30893	201	298	0.4	1.72	5	3240	< 0.5	< 2	0.10	0.5	3	35	118	3.49	< 10	< 1	0.31	20	0.52	75	21
T 30894	201	298	1.0	0.59	30	1480	< 0.5	< 2	0.01	< 0.5	1	24	34	1.63	< 10	< 1	0.19	20	0.05	15	6
T 30972	201	298	0.4	0.83	30	2310	0.5	< 2	3.35	4.0	11	39	75	2.50	10	< 1	0.19	20	1.93	270	43
T 30973	201	298	0.6	0.60	30	2280	0.5	< 2	1.57	20.5	8	30	88	2.61	10	1	0.12	20	0.69	210	27
T 30974	201	298	0.2	0.62	25	2040	0.5	< 2	3.92	6.0	7	33	66	1.96	10	< 1	0.13	20	2.26	175	49
T 30975	201	298	0.4	0.71	20	2380	0.5	< 2	0.96	18.0	10	28	81	2.81	10	< 1	0.16	30	0.36	265	42
T 30976	201	298	0.2	0.89	15	2560	0.5	< 2	1.29	10.5	6	35	68	2.39	10	2	0.16	30	0.25	140	25
T 30977	201	298	< 0.2	0.73	20	2430	0.5	< 2	2.26	17.5	10	36	74	2.54	10	< 1	0.17	30	1.11	240	34
T 30978	201	298	0.2	0.64	20	1960	0.5	< 2	5.21	10.0	8	37	76	1.69	20	1	0.16	20	3.08	220	60
T 30979	201	298	0.2	0.95	20	2090	0.5	< 2	1.30	5.0	8	34	103	2.55	10	< 1	0.22	30	0.51	190	21
T 30980	201	298	0.2	0.62	25	1850	0.5	< 2	3.63	14.5	8	32	68	2.02	10	1	0.14	20	2.08	240	45
T 30981	201	298	0.4	0.97	20	2090	< 0.5	< 2	1.30	14.0	8	25	67	2.41	10	< 1	0.15	20	0.41	740	12
T 30982	201	298	0.6	0.68	30	2390	< 0.5	< 2	0.99	8.0	6	33	87	2.02	10	< 1	0.14	20	0.24	160	21
T 30983	201	298	0.2	0.58	25	1950	< 0.5	< 2	3.09	13.0	9	29	67	2.16	10	< 1	0.12	20	1.69	250	39
T 30984	201	298	0.2	0.53	< 5	150	< 0.5	< 2	0.09	< 0.5	1	4	8	0.46	< 10	< 1	0.03	< 10	0.06	20	1
T 30985	201	298	0.2	0.15	< 5	270	< 0.5	< 2	0.05	< 0.5	1	3	3	0.51	< 10	< 1	0.02	< 10	0.03	20	< 1
T 30986	201	298	0.4	0.30	< 5	80	< 0.5	< 2	0.02	< 0.5	< 1	4	3	0.43	< 10	< 1	0.02	< 10	0.02	15	< 1

CERTIFICATION: B. Caughlin

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T 30141	201	298	< 0.01	209	3860	20	10	5	222	< 0.01	< 10	< 10	414	< 10	1760
T 30142	201	298	< 0.01	113	6710	28	5	4	188	< 0.01	< 10	< 10	326	< 10	584
T 30143	201	298	0.01	86	2550	22	5	2	96	< 0.01	< 10	< 10	329	< 10	568
T 30144	201	298	0.04	7	680	8	< 5	< 1	28	0.01	< 10	< 10	28	< 10	74
T 30145	201	298	0.01	15	1660	26	5	3	180	< 0.01	< 10	< 10	32	< 10	154
T 30146	201	298	0.02	22	1320	28	5	4	208	< 0.01	< 10	< 10	46	< 10	178
T 30147	201	298	0.02	20	1700	26	5	6	306	0.01	< 10	< 10	195	< 10	186
T 30148	201	298	0.01	12	2980	42	10	4	291	0.01	< 10	< 10	277	< 10	86
T 30149	201	298	0.01	18	5130	32	30	2	162	< 0.01	< 10	20	937	< 10	90
T 30150	201	298	0.01	35	6780	30	40	5	273	0.02	< 10	20	991	< 10	198
T 30151	201	298	< 0.01	99	3600	24	10	5	243	0.01	< 10	< 10	491	< 10	918
T 30881	201	298	< 0.01	69	2750	50	15	2	81	< 0.01	< 10	< 10	29	< 10	3080
T 30882	201	298	< 0.01	17	1050	38	5	1	69	< 0.01	< 10	< 10	105	< 10	236
T 30883	201	298	0.01	25	2530	30	5	1	103	0.01	< 10	< 10	405	< 10	172
T 30884	201	298	0.01	37	1930	20	10	1	163	0.01	< 10	< 10	675	< 10	308
T 30885	201	298	0.03	4	620	16	< 5	< 1	23	0.01	< 10	< 10	82	< 10	28
T 30886	201	298	0.01	18	6470	8	10	< 1	69	< 0.01	< 10	10	629	< 10	40
T 30887	201	298	0.02	88	2300	24	< 5	1	40	< 0.01	< 10	< 10	108	< 10	660
T 30888	201	298	< 0.01	15	1240	22	< 5	< 1	33	< 0.01	< 10	< 10	148	< 10	66
T 30889	201	298	< 0.01	219	1490	14	< 5	3	85	0.01	< 10	< 10	153	< 10	1090
T 30890	201	298	< 0.01	191	1470	20	< 5	3	101	0.01	< 10	< 10	172	< 10	1015
T 30891	201	298	0.02	48	2850	18	5	1	76	0.01	< 10	10	890	< 10	292
T 30892	201	298	0.03	18	1920	18	5	< 1	101	0.01	< 10	< 10	1165	< 10	98
T 30893	201	298	< 0.01	59	1380	26	5	3	62	0.01	< 10	< 10	263	< 10	414
T 30894	201	298	0.02	13	850	18	< 5	1	32	< 0.01	< 10	< 10	70	< 10	88
T 30972	201	298	< 0.01	143	2170	14	5	4	181	0.01	< 10	< 10	335	< 10	614
T 30973	201	298	< 0.01	204	2090	18	5	3	78	< 0.01	< 10	< 10	265	< 10	3130
T 30974	201	298	< 0.01	147	1650	10	5	4	138	< 0.01	< 10	< 10	289	< 10	760
T 30975	201	298	< 0.01	220	1860	26	5	3	56	< 0.01	< 10	< 10	320	< 10	2760
T 30976	201	298	< 0.01	279	2370	24	< 5	3	82	0.01	< 10	< 10	340	< 10	2770
T 30977	201	298	< 0.01	191	2250	14	5	4	96	< 0.01	< 10	< 10	331	< 10	2770
T 30978	201	298	< 0.01	160	1310	12	5	4	184	0.01	< 10	< 10	336	< 10	1070
T 30979	201	298	< 0.01	154	2580	20	5	3	92	0.01	< 10	< 10	257	< 10	1960
T 30980	201	298	< 0.01	180	1580	12	< 5	4	127	< 0.01	< 10	< 10	280	< 10	2050
T 30981	201	298	< 0.01	281	2260	14	< 5	3	151	0.01	< 10	< 10	199	< 10	2910
T 30982	201	298	< 0.01	108	3750	30	5	3	244	0.01	< 10	< 10	294	< 10	896
T 30983	201	298	< 0.01	160	1850	10	5	3	132	< 0.01	< 10	< 10	254	< 10	1990
T 30984	201	298	0.04	7	440	2	< 5	< 1	12	0.01	< 10	< 10	22	< 10	68
T 30985	201	298	0.04	2	170	4	< 5	< 1	7	0.02	< 10	< 10	20	< 10	22
T 30986	201	298	0.04	2	250	4	< 5	< 1	5	0.01	< 10	< 10	15	< 10	14

CERTIFICATION: B. Campbell

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SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T 30987	201	298	6.0	0.17	< 5	40	< 0.5	< 2	0.02	< 0.5	< 1	3	4	0.34	< 10	< 1	0.02	< 10	0.01	15	2
T 30988	201	298	0.6	0.39	30	2900	< 0.5	< 2	0.01	< 0.5	1	9	25	1.11	< 10	< 1	0.11	< 10	0.02	5	16
T 30989	201	298	0.2	0.43	< 5	630	< 0.5	< 2	0.01	1.5	< 1	16	43	0.74	< 10	< 1	0.05	20	0.02	15	6
T 30990	201	298	0.2	1.38	30	3620	0.5	< 2	1.06	93.0	6	37	189	1.94	10	< 1	0.19	20	0.34	250	12
T 30991	201	298	0.6	0.70	5	810	< 0.5	< 2	0.76	26.5	1	12	35	0.76	< 10	< 1	0.06	< 10	0.15	40	2
T 30992	201	298	0.8	0.26	< 5	220	< 0.5	< 2	0.16	4.0	< 1	6	23	0.41	< 10	< 1	0.04	< 10	0.03	10	2
T 30993	201	298	< 0.2	0.65	5	460	< 0.5	< 2	0.03	< 0.5	2	17	16	1.04	< 10	< 1	0.11	20	0.06	20	7
T 30994	201	298	< 0.2	0.81	5	530	< 0.5	< 2	0.02	< 0.5	2	17	12	1.54	< 10	< 1	0.08	10	0.11	35	7
T 30995	201	298	< 0.2	0.71	20	300	< 0.5	< 2	< 0.01	< 0.5	2	12	116	1.43	< 10	< 1	0.10	30	0.05	15	18
T 30996	201	298	0.2	0.36	< 5	150	< 0.5	< 2	< 0.01	< 0.5	< 1	4	58	0.57	< 10	< 1	0.03	20	0.02	20	1
T 30997	201	298	0.4	0.33	< 5	60	< 0.5	< 2	0.01	< 0.5	< 1	4	42	0.45	< 10	< 1	0.03	< 10	0.04	10	< 1
T 30998	201	298	< 0.2	1.11	5	540	< 0.5	< 2	0.03	< 0.5	1	21	117	0.84	< 10	< 1	0.14	20	0.21	35	2
T 30999	201	298	< 0.2	1.40	20	2480	< 0.5	< 2	0.81	1.0	7	33	88	2.13	10	< 1	0.23	30	0.61	215	10

CERTIFICATION: B. Caplan

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SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
R 30987	201	298	0.03	2	190	6	< 5	< 1	4	0.01	< 10	< 10	23	< 10	18
R 30988	201	298	< 0.01	11	860	16	< 5	1	187	< 0.01	< 10	< 10	56	< 10	104
R 30989	201	298	0.01	8	750	4	< 5	< 1	14	< 0.01	< 10	< 10	99	< 10	58
R 30990	201	298	< 0.01	394	1750	12	5	3	145	0.01	< 10	10	342	< 10	3410
R 30991	201	298	0.03	145	1140	8	< 5	1	71	0.01	< 10	10	108	< 10	1520
R 30992	201	298	0.03	16	470	6	< 5	< 1	18	< 0.01	< 10	< 10	38	< 10	138
R 30993	201	298	< 0.01	13	540	10	< 5	< 1	24	0.01	< 10	< 10	157	< 10	110
R 30994	201	298	0.01	14	580	12	< 5	< 1	17	0.01	< 10	< 10	142	< 10	108
R 30995	201	298	< 0.01	17	370	28	< 5	1	20	0.01	< 10	< 10	169	< 10	128
R 30996	201	298	0.01	5	150	4	< 5	< 1	2	0.01	< 10	< 10	38	< 10	30
R 30997	201	298	0.05	1	140	6	< 5	< 1	4	0.02	< 10	< 10	25	< 10	8
R 30998	201	298	< 0.01	7	440	6	< 5	1	7	0.01	< 10	< 10	133	< 10	92
R 30999	201	298	< 0.01	51	1720	16	< 5	4	57	0.01	< 10	< 10	248	< 10	398

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

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

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

BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR(FALCON)
Comments:

Page Number :1-A
Total Pages :1
Certificate Date: 25-JUL-9
Invoice No. :I911833
P.O. Number :

CERTIFICATE OF ANALYSIS A9118333

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T 29723	205	294	< 0.2	0.11	< 5	760	< 0.5	< 2	>15.00	>100.0	< 1	15	11	0.12	50	< 1	0.02	10	0.26	30	< 1
T 29724	205	294	< 0.2	0.56	10	2430	< 0.5	< 2	>15.00	67.5	8	30	66	0.84	40	< 1	0.16	10	0.56	250	9
T 29725	205	294	< 0.2	0.12	< 5	410	< 0.5	< 2	>15.00	69.5	< 1	14	8	0.14	50	< 1	0.03	10	0.22	25	1
T 29726	205	294	< 0.2	0.24	5	1140	< 0.5	< 2	>15.00	92.0	3	22	24	0.46	50	< 1	0.09	10	0.33	110	3
T 29727	205	294	< 0.2	0.15	15	3990	< 0.5	< 2	0.22	0.5	< 1	9	7	0.44	< 10	< 1	0.09	< 10	< 0.01	< 5	5

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Page Number :1-B
Total Pages :1
Certificate Date: 25-JUL-9
Invoice No. :I911833
P.O. Number :

CERTIFICATE OF ANALYSIS A9118333

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 29723	205	294	< 0.01	224	200	6	< 5	1	217	< 0.01	< 10	40	14	30	>10000
T 29724	205	294	< 0.01	453	1260	< 2	< 5	2	168	< 0.01	< 10	20	180	30	>10000
T 29725	205	294	< 0.01	176	110	4	< 5	< 1	215	< 0.01	< 10	40	32	30	>10000
T 29726	205	294	< 0.01	122	530	4	< 5	1	313	< 0.01	< 10	< 10	63	40	>10000
T 29727	205	294	< 0.01	5	100	< 2	< 5	1	143	< 0.01	< 10	< 10	13	< 10	216

CERTIFICATION: B. Caughlin

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Project : NR (FALCON)
Comments:

Page / er : 1-A
Total F. : 7
Certificate Date: 29-JUL-91
Invoice No. : I9118336
P.O. Number :

CERTIFICATE OF ANALYSIS A9118336

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T 29728	201	298	0.4	1.11	20	3920	0.5	< 2	0.73	2.0	14	36	94	4.04	< 10	< 1	0.26	20	0.37	345	9
T 29729	201	298	0.2	1.25	15	3320	0.5	< 2	1.52	4.5	14	57	157	3.29	< 10	< 1	0.31	20	0.45	540	14
T 29730	201	298	< 0.2	1.70	60	2300	1.0	< 2	1.56	31.5	36	79	188	3.19	< 10	< 1	0.44	30	0.42	1130	30
T 29731	201	298	0.6	1.51	20	2610	1.0	< 2	1.24	16.5	6	53	125	2.39	< 10	< 1	0.35	20	0.35	185	12
T 29732	201	298	< 0.2	1.35	40	3190	0.5	< 2	1.16	15.5	15	58	121	3.07	< 10	< 1	0.31	20	0.34	390	19
T 29733	201	298	< 0.2	1.58	95	3110	1.0	< 2	0.65	35.0	21	50	137	4.85	< 10	1	0.23	20	0.22	490	40
T 29734	201	298	0.2	1.53	20	2540	0.5	< 2	0.97	9.5	6	52	70	2.37	< 10	1	0.27	20	0.33	145	13
T 29735	201	298	< 0.2	1.45	60	2750	1.0	< 2	0.92	20.5	16	55	114	3.51	< 10	1	0.27	20	0.31	420	27
T 29736	201	298	< 0.2	1.33	25	2720	1.0	< 2	1.36	21.5	5	57	99	2.34	< 10	< 1	0.23	20	0.35	160	15
T 29737	201	298	< 0.2	1.36	40	2130	1.0	< 2	0.79	35.5	7	55	115	2.74	< 10	3	0.26	20	0.22	365	26
T 29738	201	298	0.4	2.21	30	1820	1.0	< 2	0.91	46.0	75	40	130	4.28	< 10	< 1	0.25	20	0.27	2810	25
T 29739	201	298	< 0.2	1.38	45	3080	1.0	< 2	0.90	22.0	16	52	101	3.30	< 10	< 1	0.26	20	0.30	400	24
T 29740	201	298	< 0.2	1.00	30	1920	0.5	< 2	0.54	57.5	6	30	50	2.24	< 10	2	0.18	20	0.17	205	14
T 29741	201	298	0.4	1.27	20	1400	0.5	< 2	0.43	3.0	14	40	132	2.49	< 10	< 1	0.28	30	0.34	280	16
T 29742	201	298	< 0.2	1.14	35	2770	0.5	< 2	0.88	23.5	19	43	94	3.08	< 10	< 1	0.21	20	0.26	655	23
T 29743	201	298	0.8	1.28	20	2260	0.5	< 2	1.14	10.5	7	36	87	2.43	< 10	< 1	0.26	20	0.31	360	9
T 29744	201	298	< 0.2	1.40	35	2630	0.5	< 2	0.84	25.0	12	49	84	2.59	< 10	< 1	0.27	20	0.28	435	18
T 29745	201	298	1.0	1.33	10	2310	0.5	< 2	1.05	5.0	10	28	81	1.96	< 10	< 1	0.25	20	0.36	365	6
T 30401	203	205	< 0.2	2.13	35	3570	1.5	< 2	1.78	40.5	38	122	124	3.15	< 10	< 1	0.63	30	0.69	1390	31
T 30402	201	298	1.2	0.80	35	1830	< 0.5	< 2	0.05	1.0	3	34	62	2.14	< 10	< 1	0.18	30	0.07	35	30
T 30403	201	298	0.4	1.99	85	3720	1.0	< 2	0.28	4.0	2	109	199	2.76	10	8	0.24	20	0.16	25	58
T 30404	201	298	2.4	2.16	115	2700	0.5	< 2	0.11	1.0	3	80	219	3.10	< 10	4	0.17	20	0.07	15	58
T 30405	201	298	0.6	0.94	70	2840	< 0.5	< 2	0.02	0.5	2	53	103	3.16	< 10	7	0.19	30	0.07	15	64
T 30406	201	298	11.4	1.05	< 5	3170	< 0.5	< 2	0.04	0.5	< 1	151	51	0.83	10	9	0.15	30	0.05	10	14
T 30407	201	298	< 0.2	0.56	10	1330	< 0.5	< 2	0.01	< 0.5	1	44	29	0.97	< 10	2	0.12	30	0.04	20	16
T 30408	201	298	2.0	0.53	< 5	950	< 0.5	< 2	0.04	1.5	< 1	10	71	0.65	< 10	1	0.04	< 10	0.02	10	3
T 30409	201	298	0.8	1.14	55	1710	0.5	< 2	0.04	0.5	8	12	86	3.88	< 10	< 1	0.29	20	0.19	80	31
T 30410	201	298	0.4	1.35	35	460	< 0.5	< 2	0.02	0.5	9	18	56	4.80	< 10	< 1	0.28	30	0.33	95	23
T 30411	203	205	0.2	1.33	55	4670	0.5	< 2	0.03	< 0.5	2	180	78	1.89	< 10	3	0.39	20	0.15	15	42
T 30412	203	205	0.6	1.22	20	1760	0.5	< 2	0.11	1.5	2	85	33	1.54	< 10	2	0.32	20	0.10	30	18
T 30413	201	298	1.6	0.69	5	600	< 0.5	< 2	0.05	0.5	< 1	20	22	0.89	< 10	1	0.11	< 10	0.05	10	6
T 30414	201	298	7.8	1.53	75	3050	0.5	< 2	1.54	27.0	13	28	178	5.34	10	1	0.14	10	0.33	440	15
T 30415	201	298	1.6	1.56	35	3290	0.5	< 2	1.49	35.5	5	38	136	2.09	10	< 1	0.23	20	0.34	160	15
T 30416	201	298	0.6	1.27	20	3220	0.5	< 2	1.48	25.0	2	35	87	1.66	10	< 1	0.25	20	0.32	50	9
T 30417	201	298	1.0	1.86	40	3890	0.5	< 2	1.23	17.5	8	40	99	3.86	10	< 1	0.26	30	0.30	600	15
T 30418	201	298	3.0	0.89	405	6370	< 0.5	< 2	0.22	>100.0	876	10	325	>15.00	< 10	< 1	0.04	< 10	0.04	>10000	306
T 30419	201	298	4.0	1.76	80	3940	1.0	< 2	1.34	>100.0	25	55	409	4.29	10	< 1	0.38	30	0.39	1035	35
T 30420	201	298	1.4	1.13	20	2470	0.5	< 2	0.05	2.0	4	45	71	2.55	< 10	2	0.19	20	0.10	60	34
T 30421	201	298	0.2	0.79	< 5	1010	< 0.5	< 2	0.02	0.5	1	31	42	0.93	< 10	< 1	0.12	40	0.04	25	6
T 30422	201	298	1.6	0.85	5	820	< 0.5	< 2	0.03	1.5	< 1	13	41	0.76	< 10	< 1	0.08	< 10	0.03	20	6

CERTIFICATION: B. Caplin

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

BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR (FALCON)
Comments:

Certificate Date: 29-JUL-91
Invoice No. :I9118336
P.O. Number :

CERTIFICATE OF ANALYSIS A9118336

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 29728	201	298	< 0.01	118	2360	20	< 5	5	136	< 0.01	< 10	< 10	184	< 10	996
T 29729	201	298	< 0.01	167	5520	22	< 5	5	171	0.01	< 10	< 10	351	< 10	1220
T 29730	201	298	< 0.01	442	6680	12	< 5	4	303	0.02	< 10	< 10	755	< 10	7340
T 29731	201	298	< 0.01	203	4880	14	< 5	3	200	0.01	< 10	< 10	378	< 10	3010
T 29732	201	298	< 0.01	253	4760	14	< 5	4	200	0.01	< 10	< 10	509	< 10	3820
T 29733	201	298	< 0.01	299	4110	20	< 5	4	177	0.02	< 10	10	751	< 10	4060
T 29734	201	298	0.01	184	3460	22	< 5	3	157	0.01	< 10	< 10	366	< 10	2440
T 29735	201	298	< 0.01	234	4030	18	< 5	4	182	0.01	< 10	< 10	582	< 10	3370
T 29736	201	298	0.01	431	3640	22	< 5	2	221	0.01	< 10	< 10	530	< 10	4040
T 29737	201	298	< 0.01	337	3810	14	< 5	3	207	0.01	< 10	< 10	603	< 10	3680
T 29738	201	298	< 0.01	637	2810	20	< 5	5	93	< 0.01	< 10	10	351	< 10	8000
T 29739	201	298	< 0.01	248	3840	16	< 5	4	177	0.01	< 10	< 10	562	< 10	3580
T 29740	201	298	< 0.01	571	2190	16	< 5	2	104	0.01	< 10	< 10	307	< 10	>10000
T 29741	201	298	< 0.01	67	3260	12	5	3	94	0.01	< 10	< 10	442	< 10	632
T 29742	201	298	< 0.01	267	3800	20	< 5	3	171	0.01	< 10	< 10	497	< 10	3840
T 29743	201	298	< 0.01	145	2320	20	< 5	4	166	< 0.01	< 10	< 10	217	< 10	1830
T 29744	201	298	< 0.01	303	3360	8	< 5	3	155	0.01	< 10	< 10	508	< 10	4640
T 29745	201	298	0.01	67	1540	10	< 5	3	156	< 0.01	< 10	< 10	176	< 10	544
T 30401	203	205	0.01	295	5560	12	< 5	7	264	0.01	< 10	< 10	453	< 10	4270
T 30402	201	298	< 0.01	36	1210	36	< 5	1	118	0.01	< 10	< 10	406	< 10	310
T 30403	201	298	< 0.01	63	5030	18	15	1	256	0.03	< 10	10	1700	< 10	354
T 30404	201	298	0.01	57	6200	12	10	2	170	0.04	< 10	10	1170	< 10	316
T 30405	201	298	< 0.01	35	1300	20	10	1	136	0.05	10	< 10	1300	< 10	284
T 30406	201	298	< 0.01	19	1320	20	< 5	1	200	0.11	< 10	< 10	1515	< 10	86
T 30407	201	298	< 0.01	14	510	12	< 5	1	41	0.07	< 10	< 10	606	< 10	104
T 30408	201	298	0.05	7	1340	4	< 5	< 1	16	< 0.01	< 10	< 10	61	< 10	28
T 30409	201	298	< 0.01	84	1770	20	5	5	108	< 0.01	< 10	< 10	140	< 10	644
T 30410	201	298	< 0.01	65	2480	20	5	3	12	< 0.01	< 10	< 10	131	< 10	652
T 30411	203	205	0.02	35	1680	16	10	2	123	0.01	10	< 10	1080	< 10	216
T 30412	203	205	0.01	25	1310	32	< 5	2	75	< 0.01	10	< 10	757	< 10	194
T 30413	201	298	0.05	14	1060	2	< 5	1	23	< 0.01	< 10	< 10	216	< 10	92
T 30414	201	298	0.01	268	2780	16	< 5	3	201	< 0.01	< 10	20	371	< 10	2840
T 30415	201	298	0.01	480	2140	16	< 5	3	189	< 0.01	< 10	< 10	402	< 10	5680
T 30416	201	298	0.01	476	1870	10	< 5	3	186	0.01	< 10	< 10	353	< 10	4820
T 30417	201	298	< 0.01	304	2810	20	< 5	5	168	0.01	< 10	< 10	385	< 10	2960
T 30418	201	298	< 0.01	1420	9200	52	< 5	4	86	< 0.01	20	40	188	< 50	>10000
T 30419	201	298	0.01	244	5270	24	10	8	287	0.02	< 10	< 10	606	< 10	3010
T 30420	201	298	< 0.01	54	2140	26	< 5	1	68	0.01	< 10	< 10	562	< 10	410
T 30421	201	298	< 0.01	13	540	6	< 5	< 1	18	0.01	< 10	< 10	172	< 10	114
T 30422	201	298	0.06	18	900	2	< 5	< 1	23	< 0.01	< 10	< 10	125	< 10	112

CERTIFICATION: B. Caplin

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Project : NR (FALCON)
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CERTIFICATE OF ANALYSIS A9118336

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T 30423	201	298	2.2	1.57	20	3550	0.5	< 2	0.04	9.5	2	32	103	1.23	< 10	1	0.20	< 10	0.08	30	7
T 30424	201	298	< 0.2	0.56	10	3660	< 0.5	< 2	0.01	< 0.5	2	17	23	0.88	< 10	2	0.10	20	0.04	10	11
T 30425	201	298	< 0.2	1.04	45	3260	< 0.5	< 2	0.17	1.5	5	31	71	3.07	< 10	< 1	0.20	30	0.15	150	19
T 30426	201	298	1.2	1.40	70	3010	< 0.5	< 2	0.59	6.5	13	26	71	4.65	< 10	< 1	0.16	10	0.18	460	18
T 30427	201	298	2.2	1.15	25	2340	< 0.5	< 2	0.49	0.5	19	22	45	2.33	< 10	< 1	0.17	10	0.15	645	15
T 30428	201	298	1.4	1.03	20	2240	< 0.5	< 2	0.44	1.5	4	23	51	1.78	< 10	< 1	0.19	10	0.18	80	9
T 30429	201	298	0.4	0.63	10	3340	< 0.5	< 2	0.21	1.0	2	15	37	1.54	< 10	< 1	0.13	20	0.09	40	8
T 30430	201	298	< 0.2	0.71	20	3530	< 0.5	< 2	0.20	0.5	27	18	45	2.39	< 10	< 1	0.15	30	0.10	830	14
T 30431	201	298	< 0.2	0.64	10	2580	< 0.5	< 2	0.09	0.5	2	17	30	1.69	< 10	1	0.14	30	0.07	30	9
T 30432	201	298	1.2	0.74	20	2270	< 0.5	< 2	0.20	1.5	5	15	37	1.63	< 10	< 1	0.14	10	0.11	145	9
T 30433	201	298	< 0.2	0.75	20	2570	< 0.5	< 2	0.12	1.0	5	19	35	1.71	< 10	< 1	0.17	30	0.09	95	10
T 30434	201	298	1.0	1.01	20	1790	0.5	< 2	0.21	3.5	8	25	72	2.13	< 10	< 1	0.21	30	0.13	240	13
T 30435	201	298	0.4	0.68	10	1360	< 0.5	< 2	0.05	0.5	2	15	35	1.13	< 10	1	0.13	< 10	0.07	35	5
T 30436	201	298	0.4	0.63	20	1400	< 0.5	< 2	0.15	1.0	2	13	34	1.62	< 10	< 1	0.08	30	0.09	45	6
T 30437	201	298	< 0.2	0.70	15	1340	< 0.5	< 2	0.13	1.5	7	11	35	2.29	< 10	< 1	0.11	30	0.10	175	7
T 30438	201	298	1.0	0.87	15	2320	< 0.5	< 2	0.55	3.0	4	12	50	1.66	< 10	1	0.09	20	0.32	50	5
T 30439	201	298	0.4	0.67	15	1100	< 0.5	< 2	0.02	0.5	1	13	29	1.31	< 10	< 1	0.08	20	0.07	20	7
T 30440	201	298	0.4	0.56	30	730	< 0.5	< 2	0.02	1.5	5	18	68	2.41	< 10	< 1	0.11	30	0.08	25	25
T 30441	201	298	2.2	0.55	15	1170	< 0.5	< 2	< 0.01	0.5	4	12	43	1.94	< 10	2	0.13	30	0.07	20	37
T 30442	201	298	5.0	0.99	20	2480	0.5	< 2	0.75	3.5	7	27	95	1.93	10	2	0.17	20	0.20	155	22
T 30443	201	298	0.2	0.54	15	3380	< 0.5	< 2	0.37	0.5	3	13	32	1.43	< 10	1	0.10	20	0.16	50	7
T 30444	201	298	0.4	0.74	15	1460	< 0.5	< 2	0.54	< 0.5	4	14	28	1.27	< 10	< 1	0.10	10	0.20	105	8
T 30445	201	298	0.8	1.13	30	3170	0.5	< 2	0.33	2.5	5	23	40	1.88	< 10	< 1	0.18	20	0.21	230	10
T 30446	203	205	0.4	1.37	30	3190	0.5	< 2	0.51	2.0	4	70	38	1.87	10	< 1	0.33	10	0.27	95	9
T 30447	201	298	0.4	0.85	15	2430	< 0.5	< 2	0.54	8.0	5	18	43	1.47	< 10	< 1	0.12	20	0.20	310	7
T 30448	201	298	0.8	0.95	15	2680	< 0.5	< 2	0.45	6.5	7	20	40	1.48	< 10	< 1	0.15	20	0.28	270	7
T 30449	201	298	0.6	0.66	< 5	1430	< 0.5	< 2	0.62	3.5	1	14	25	0.67	< 10	< 1	0.11	10	0.19	15	6
T 30450	201	298	1.2	1.02	25	2770	< 0.5	< 2	0.24	1.5	5	22	60	2.57	< 10	< 1	0.15	20	0.41	95	13
T 30451	203	205	< 0.2	1.13	30	690	< 0.5	< 2	0.01	< 0.5	6	23	77	3.96	< 10	< 1	0.37	30	0.15	35	12
T 30452	201	298	< 0.2	0.70	25	260	< 0.5	< 2	< 0.01	< 0.5	2	11	13	1.72	< 10	< 1	0.07	30	0.06	20	11
T 30453	201	298	0.2	0.46	30	2570	< 0.5	< 2	0.14	< 0.5	2	13	31	1.45	< 10	< 1	0.08	20	0.09	30	10
T 30454	201	298	< 0.2	0.59	30	880	< 0.5	< 2	0.01	< 0.5	1	13	23	1.14	< 10	1	0.09	20	0.04	10	9
T 30455	201	298	< 0.2	0.57	25	980	< 0.5	< 2	0.01	< 0.5	1	13	16	0.98	< 10	< 1	0.09	30	0.03	10	7
T 30456	201	298	0.2	0.83	15	1570	< 0.5	< 2	0.01	< 0.5	1	14	20	1.31	< 10	< 1	0.10	20	0.07	15	9
T 30457	201	298	3.6	0.56	15	930	< 0.5	< 2	0.01	< 0.5	< 1	20	19	0.84	< 10	2	0.10	20	0.03	5	6
T 30501	201	298	0.2	1.05	30	2470	0.5	< 2	0.80	20.0	9	37	79	2.54	10	< 1	0.18	20	0.21	240	21
T 30502	201	298	1.0	1.75	30	1460	0.5	< 2	0.07	3.5	2	34	45	2.13	< 10	< 1	0.24	10	0.17	40	10
T 30503	201	298	0.6	1.32	25	2130	0.5	< 2	0.08	1.5	2	24	51	1.91	< 10	< 1	0.23	20	0.13	25	8
T 30504	201	298	< 0.2	0.93	15	1710	< 0.5	2	0.07	2.0	2	18	31	1.62	< 10	< 1	0.17	20	0.11	75	12
T 30505	201	298	1.0	0.90	25	4490	0.5	< 2	0.33	14.5	7	28	68	1.85	< 10	3	0.20	20	0.14	170	11

CERTIFICATION: B. Caughlin

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

BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR (FALCON)
Comments:

Certificate Date: 29-JUL-91
Invoice No. :19118336
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CERTIFICATE OF ANALYSIS A9118336

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 30423	201	298	0.03	35	2230	6	< 5	1	51	< 0.01	< 10	10	252	< 10	248
T 30424	201	298	< 0.01	16	790	16	< 5	< 1	35	< 0.01	< 10	< 10	151	< 10	124
T 30425	201	298	< 0.01	66	2180	30	5	3	83	0.01	< 10	< 10	292	< 10	630
T 30426	201	298	< 0.01	63	1650	18	< 5	3	97	< 0.01	< 10	10	216	< 10	732
T 30427	201	298	< 0.01	24	1400	14	< 5	2	75	< 0.01	< 10	< 10	208	< 10	212
T 30428	201	298	0.01	32	1050	18	< 5	2	87	< 0.01	< 10	< 10	202	< 10	294
T 30429	201	298	0.01	18	980	10	< 5	1	65	< 0.01	< 10	< 10	119	< 10	170
T 30430	201	298	< 0.01	27	1220	16	< 5	2	73	< 0.01	< 10	< 10	155	< 10	266
T 30431	201	298	< 0.01	16	720	18	5	1	44	< 0.01	< 10	< 10	132	< 10	144
T 30432	201	298	0.02	15	1210	10	< 5	1	43	< 0.01	< 10	< 10	118	< 10	120
T 30433	201	298	< 0.01	20	790	12	< 5	2	49	< 0.01	< 10	< 10	137	< 10	192
T 30434	201	298	< 0.01	34	1310	16	< 5	2	65	< 0.01	< 10	< 10	189	< 10	318
T 30435	201	298	0.04	21	650	6	< 5	1	26	0.01	< 10	< 10	131	< 10	176
T 30436	201	298	< 0.01	22	740	14	< 5	1	38	< 0.01	< 10	< 10	82	< 10	208
T 30437	201	298	< 0.01	26	850	12	< 5	2	30	< 0.01	< 10	< 10	47	< 10	212
T 30438	201	298	< 0.01	26	1140	18	< 5	2	74	< 0.01	< 10	< 10	68	< 10	212
T 30439	201	298	< 0.01	14	810	10	< 5	1	28	< 0.01	< 10	< 10	107	< 10	122
T 30440	201	298	< 0.01	91	850	14	5	2	19	< 0.01	< 10	< 10	179	< 10	518
T 30441	201	298	< 0.01	54	590	24	5	1	33	< 0.01	< 10	< 10	171	< 10	534
T 30442	201	298	0.01	72	3180	20	< 5	2	115	< 0.01	< 10	< 10	236	< 10	574
T 30443	201	298	0.01	26	1220	8	< 5	1	65	< 0.01	< 10	< 10	104	< 10	206
T 30444	201	298	0.02	20	1100	4	< 5	1	60	0.01	< 10	< 10	110	< 10	176
T 30445	201	298	< 0.01	27	1140	16	< 5	2	58	< 0.01	< 10	< 10	172	< 10	206
T 30446	203	205	< 0.01	31	1230	16	< 5	3	73	< 0.01	< 10	< 10	179	< 10	252
T 30447	201	298	< 0.01	48	1160	6	< 5	2	97	< 0.01	< 10	< 10	130	< 10	592
T 30448	201	298	< 0.01	53	1120	10	< 5	2	94	< 0.01	< 10	< 10	126	< 10	748
T 30449	201	298	< 0.01	15	800	2	< 5	1	107	< 0.01	< 10	< 10	76	< 10	124
T 30450	201	298	< 0.01	46	1200	24	< 5	2	90	0.01	< 10	< 10	151	< 10	364
T 30451	203	205	< 0.01	36	720	12	< 5	3	7	< 0.01	< 10	< 10	130	< 10	424
T 30452	201	298	< 0.01	23	720	4	< 5	1	6	< 0.01	< 10	< 10	105	< 10	158
T 30453	201	298	< 0.01	28	990	14	< 5	1	42	< 0.01	< 10	< 10	114	< 10	168
T 30454	201	298	< 0.01	8	700	14	< 5	1	26	< 0.01	< 10	< 10	128	< 10	76
T 30455	201	298	< 0.01	7	690	8	< 5	1	27	< 0.01	< 10	< 10	112	< 10	64
T 30456	201	298	< 0.01	15	700	14	< 5	1	26	0.01	< 10	< 10	131	< 10	108
T 30457	201	298	< 0.01	4	720	22	< 5	1	46	< 0.01	< 10	< 10	203	< 10	32
T 30501	201	298	< 0.01	194	3280	14	< 5	4	176	0.01	< 10	< 10	344	< 10	2420
T 30502	201	298	< 0.01	31	2030	26	< 5	2	39	< 0.01	< 10	< 10	360	< 10	394
T 30503	201	298	< 0.01	25	1400	16	< 5	2	36	< 0.01	< 10	< 10	210	< 10	176
T 30504	201	298	< 0.01	22	890	16	< 5	1	37	< 0.01	< 10	< 10	188	< 10	166
T 30505	201	298	< 0.01	87	1850	18	5	2	74	< 0.01	< 10	< 10	342	< 10	1060

CERTIFICATION: B. Caughlin

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

BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR (FALCON)
Comments:

Page Number :3-A
Total Pages :7
Certificate Date: 29-JUL-91
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P.O. Number :

CERTIFICATE OF ANALYSIS A9118336

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T 30506	201	298	0.4	0.55	20	3260	< 0.5	< 2	0.13	1.0	3	18	43	1.73	< 10	2	0.11	30	0.10	40	14
T 30507	201	298	0.4	0.72	25	2490	< 0.5	< 2	0.21	2.0	5	21	45	1.86	< 10	< 1	0.14	20	0.14	115	15
T 30508	201	298	0.4	0.78	25	910	< 0.5	< 2	0.06	1.0	4	21	38	1.77	< 10	2	0.14	20	0.08	55	15
T 30841	201	298	< 0.2	0.67	30	640	< 0.5	< 2	0.01	< 0.5	3	26	29	2.01	10	1	0.15	20	0.07	35	22
T 30842	201	298	0.8	0.36	< 5	2960	< 0.5	< 2	< 0.01	< 0.5	1	8	12	0.57	< 10	< 1	0.11	10	0.02	< 5	6
T 30843	201	298	8.2	0.68	10	1020	< 0.5	< 2	0.04	1.5	< 1	20	26	1.76	< 10	< 1	0.20	10	0.02	5	45
T 30844	201	298	2.0	1.47	50	2140	0.5	< 2	0.64	5.5	3	47	116	2.67	10	2	0.21	20	0.10	30	40
T 30845	201	298	< 0.2	1.07	30	1490	0.5	< 2	0.13	0.5	3	36	93	2.29	10	1	0.26	20	0.14	25	27
T 30846	201	298	< 0.2	0.94	40	1350	0.5	< 2	0.02	< 0.5	5	37	98	2.46	10	2	0.21	20	0.11	25	33
T 30847	201	298	< 0.2	0.95	20	640	< 0.5	< 2	0.01	< 0.5	3	26	62	1.62	10	1	0.22	20	0.12	15	13
T 30848	201	298	0.2	0.55	20	1820	< 0.5	< 2	0.02	< 0.5	< 1	17	12	1.12	10	2	0.12	20	0.03	5	13
T 30849	201	298	0.2	1.21	40	1410	0.5	< 2	0.03	1.0	5	27	44	2.86	10	2	0.25	20	0.18	20	29
T 30850	201	298	0.2	1.15	40	2490	1.5	< 2	1.41	13.0	16	103	130	2.91	10	5	0.20	20	0.47	505	43
T 30851	201	298	5.8	0.33	< 5	220	< 0.5	< 2	0.01	< 0.5	< 1	24	17	0.29	< 10	< 1	0.03	20	0.01	5	3
T 30852	201	298	1.8	0.43	5	1510	< 0.5	< 2	0.01	< 0.5	< 1	15	14	0.85	< 10	1	0.10	20	0.03	5	14
T 30853	201	298	0.4	0.42	10	2460	< 0.5	< 2	0.01	< 0.5	1	15	26	1.06	< 10	1	0.09	20	0.03	5	15
T 30854	201	298	1.2	0.38	10	2070	< 0.5	< 2	0.02	< 0.5	1	13	31	0.97	< 10	1	0.06	10	0.02	10	13
T 30855	201	298	0.6	0.59	25	1710	< 0.5	< 2	0.04	1.5	2	11	56	1.77	< 10	< 1	0.09	20	0.05	5	24
T 30856	201	298	0.6	0.26	10	2510	< 0.5	< 2	< 0.01	< 0.5	1	11	16	0.97	< 10	2	0.06	10	0.01	5	18
T 30857	201	298	0.2	0.29	15	2140	< 0.5	< 2	< 0.01	< 0.5	1	10	14	0.87	< 10	< 1	0.05	20	0.01	10	12
T 30858	201	298	0.8	0.39	5	2640	< 0.5	< 2	0.03	2.0	< 1	21	31	0.70	< 10	1	0.07	10	0.02	10	9
T 30859	201	298	0.2	0.50	20	2080	< 0.5	< 2	0.04	1.5	2	29	37	1.39	< 10	< 1	0.16	20	0.06	25	16
T 30860	201	298	0.2	0.94	60	3520	0.5	< 2	0.33	4.0	5	50	88	2.78	< 10	4	0.24	30	0.16	45	35
T 30861	201	298	1.6	0.40	5	540	< 0.5	< 2	0.06	4.5	1	11	67	0.72	< 10	< 1	0.05	< 10	0.02	20	3
T 30862	201	298	< 0.2	0.60	10	1810	< 0.5	< 2	0.02	0.5	< 1	33	22	0.94	< 10	1	0.13	20	0.06	10	12
T 30863	201	298	< 0.2	1.18	50	2100	1.0	< 2	0.06	5.5	1	165	96	1.67	10	36	0.27	40	0.18	5	56
T 30864	201	298	0.2	0.77	5	1520	< 0.5	< 2	0.02	2.0	1	28	52	1.21	< 10	1	0.19	30	0.08	10	18
T 30865	201	298	6.2	1.36	35	3550	0.5	< 2	0.13	4.0	1	65	86	1.28	< 10	7	0.23	10	0.15	30	15
T 30866	201	298	3.0	1.00	20	3440	0.5	< 2	0.17	4.5	3	47	74	1.67	< 10	4	0.18	20	0.11	30	18
T 30867	201	298	0.4	0.65	30	3380	< 0.5	< 2	0.18	3.0	3	25	109	2.22	< 10	2	0.14	30	0.11	30	20
T 30868	201	298	< 0.2	0.76	35	3470	< 0.5	< 2	0.13	< 0.5	3	28	39	1.93	< 10	2	0.10	30	0.08	25	18
T 30869	201	298	0.6	1.05	35	3550	0.5	< 2	0.24	9.0	8	37	57	1.90	< 10	2	0.18	20	0.15	220	15
T 30870	201	298	< 0.2	0.72	15	1860	< 0.5	< 2	0.16	3.0	2	23	31	1.26	< 10	< 1	0.13	20	0.11	35	11
T 30871	201	298	2.6	1.21	30	3220	0.5	< 2	0.27	7.5	9	34	63	1.94	< 10	3	0.19	20	0.16	230	13
T 30872	201	298	3.2	1.02	45	6710	0.5	< 2	0.49	20.0	2	64	153	1.58	10	5	0.16	20	0.16	35	22
T 30873	201	298	0.2	0.73	20	2270	< 0.5	< 2	0.09	1.5	3	19	44	1.63	< 10	1	0.17	20	0.11	40	9
T 30874	201	298	< 0.2	0.91	35	3080	< 0.5	< 2	0.07	2.0	2	24	50	1.62	< 10	1	0.19	20	0.11	65	11
T 30875	201	298	0.6	0.73	5	930	< 0.5	< 2	0.05	5.0	2	17	42	0.86	< 10	< 1	0.12	10	0.05	15	9
T 30876	201	298	< 0.2	0.94	40	2520	< 0.5	< 2	0.07	4.0	3	35	52	1.87	< 10	1	0.21	20	0.13	60	17
T 30877	201	298	0.4	1.22	25	3500	< 0.5	2	0.29	1.0	3	25	45	1.85	< 10	3	0.22	20	0.20	180	8

CERTIFICATION: B. Caplin

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ET 30506	201	298	< 0.01	27	1320	20	5	1	46	< 0.01	< 10	< 10	208	< 10	232
ET 30507	201	298	< 0.01	46	1450	18	< 5	2	60	< 0.01	< 10	< 10	210	< 10	360
ET 30508	201	298	0.01	29	1230	10	< 5	1	34	0.01	< 10	< 10	185	< 10	216
ET 30841	201	298	< 0.01	36	620	34	< 5	1	76	0.01	< 10	< 10	325	< 10	290
ET 30842	201	298	< 0.01	3	430	22	< 5	1	80	< 0.01	< 10	< 10	44	< 10	36
ET 30843	201	298	0.01	9	1860	168	10	< 1	128	< 0.01	< 10	< 10	206	< 10	50
ET 30844	201	298	< 0.01	97	6000	58	15	3	336	0.01	< 10	< 10	481	< 10	662
ET 30845	201	298	< 0.01	53	1980	22	5	2	83	0.01	< 10	< 10	475	< 10	476
ET 30846	201	298	< 0.01	57	990	22	5	< 1	59	< 0.01	< 10	< 10	519	< 10	456
ET 30847	201	298	< 0.01	32	620	24	< 5	1	36	0.01	< 10	< 10	251	< 10	290
ET 30848	201	298	< 0.01	15	560	22	< 5	1	75	< 0.01	< 10	< 10	164	< 10	116
ET 30849	201	298	< 0.01	47	1490	24	5	3	107	0.01	< 10	< 10	347	< 10	534
ET 30850	201	298	< 0.01	278	4220	14	5	5	184	0.02	< 10	< 10	1150	< 10	2710
ET 30851	201	298	< 0.01	8	210	10	< 5	< 1	5	< 0.01	< 10	< 10	114	< 10	40
ET 30852	201	298	0.01	13	680	26	< 5	< 1	60	< 0.01	< 10	< 10	187	< 10	116
ET 30853	201	298	< 0.01	17	610	20	< 5	< 1	70	< 0.01	< 10	< 10	178	< 10	152
ET 30854	201	298	0.01	16	870	20	< 5	< 1	42	< 0.01	< 10	< 10	130	< 10	118
ET 30855	201	298	< 0.01	43	1620	18	10	3	90	< 0.01	< 10	< 10	117	< 10	286
ET 30856	201	298	< 0.01	21	440	28	< 5	< 1	50	< 0.01	< 10	< 10	136	< 10	150
ET 30857	201	298	< 0.01	18	400	10	< 5	< 1	37	< 0.01	< 10	< 10	106	< 10	138
ET 30858	201	298	0.02	10	680	10	< 5	< 1	27	< 0.01	< 10	< 10	179	< 10	68
ET 30859	201	298	0.01	31	700	16	< 5	< 1	64	< 0.01	< 10	< 10	286	< 10	224
ET 30860	201	298	< 0.01	82	2350	16	5	3	110	0.02	< 10	< 10	728	< 10	624
ET 30861	201	298	0.05	19	740	4	< 5	< 1	15	< 0.01	< 10	< 10	82	< 10	86
ET 30862	201	298	0.02	17	680	10	< 5	< 1	42	0.01	< 10	< 10	411	< 10	138
ET 30863	201	298	0.01	20	1120	18	5	2	25	0.08	40	20	5620	< 10	304
ET 30864	201	298	< 0.01	27	1090	12	< 5	< 1	28	< 0.01	< 10	< 10	283	< 10	234
ET 30865	201	298	0.01	47	1990	20	5	1	101	0.01	< 10	< 10	1015	< 10	316
ET 30866	201	298	0.01	49	1980	18	5	1	129	0.01	< 10	< 10	814	< 10	344
ET 30867	201	298	< 0.01	50	1880	12	5	1	87	< 0.01	< 10	< 10	259	< 10	424
ET 30868	201	298	< 0.01	29	2000	14	5	2	58	0.01	< 10	< 10	391	< 10	240
ET 30869	201	298	< 0.01	65	1760	20	< 5	2	75	< 0.01	< 10	< 10	445	< 10	550
ET 30870	201	298	< 0.01	26	1020	14	< 5	1	53	< 0.01	< 10	< 10	242	< 10	232
ET 30871	201	298	< 0.01	61	1870	24	< 5	2	80	< 0.01	< 10	< 10	442	< 10	434
ET 30872	201	298	0.01	89	1940	6	5	2	99	0.01	< 10	< 10	843	< 10	704
ET 30873	201	298	0.01	22	960	20	< 5	1	34	0.01	< 10	< 10	178	< 10	172
ET 30874	201	298	< 0.01	25	1200	16	< 5	1	40	< 0.01	< 10	< 10	295	< 10	162
ET 30875	201	298	0.02	31	1210	6	< 5	< 1	26	< 0.01	< 10	< 10	179	< 10	202
ET 30876	201	298	0.01	45	1260	14	5	1	56	0.01	< 10	< 10	388	< 10	384
ET 30877	201	298	< 0.01	26	1190	18	< 5	2	63	< 0.01	< 10	< 10	146	< 10	212

CERTIFICATION: B. Caughlin

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PHONE: 604-984-0221

: ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR (FALCON)
Comments:

Page [illegible] :4-A
Total Pages :7
Certificate Date: 29-JUL-91
Invoice No. :19118336
P.O. Number :

CERTIFICATE OF ANALYSIS A9118336

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T 30878	201	298	< 0.2	0.92	35	3870	< 0.5	< 2	0.12	0.5	5	21	31	1.88	< 10	< 1	0.17	30	0.16	150	9
T 30879	201	298	0.6	1.22	15	2550	< 0.5	< 2	0.31	6.0	6	25	36	1.34	< 10	1	0.18	20	0.25	405	4
T 30880	201	298	0.4	1.15	20	2850	0.5	< 2	0.45	5.5	7	23	53	1.77	< 10	1	0.19	20	0.30	265	5
T 31002	201	298	1.0	1.21	45	2160	0.5	< 2	0.55	15.5	17	40	162	3.99	< 10	3	0.29	30	0.21	450	35
T 31003	201	298	0.6	0.85	30	2250	< 0.5	< 2	0.48	7.5	14	21	124	3.14	< 10	2	0.23	20	0.19	425	15
T 31004	201	298	0.2	0.89	25	2370	0.5	< 2	0.74	17.0	12	27	102	2.91	< 10	< 1	0.23	20	0.19	600	18
T 31005	201	298	0.2	1.03	50	2180	0.5	< 2	0.43	30.0	21	45	177	2.58	< 10	2	0.19	20	0.13	770	39
T 31006	201	298	0.4	0.94	35	2200	0.5	< 2	0.67	18.5	22	31	119	2.89	10	< 1	0.22	20	0.16	600	24
T 31007	201	298	< 0.2	1.11	40	2390	< 0.5	< 2	0.63	36.0	42	39	140	5.40	< 10	< 1	0.18	20	0.21	1420	41
T 31008	201	298	0.2	0.83	45	1450	0.5	< 2	0.82	4.5	8	27	96	2.38	< 10	< 1	0.16	20	0.26	245	19
T 31009	201	298	< 0.2	1.20	40	2960	0.5	< 2	0.74	45.0	46	36	101	5.93	< 10	1	0.21	20	0.28	1520	70
T 31010	201	298	0.2	1.44	35	2660	0.5	< 2	0.82	38.0	25	38	129	3.11	10	1	0.23	20	0.32	690	22
T 31011	203	205	< 0.2	2.23	20	5000	1.0	< 2	1.52	6.5	8	94	102	2.62	10	< 1	0.69	30	0.56	215	9
T 31012	201	298	< 0.2	1.95	40	2560	0.5	< 2	0.91	71.0	116	42	182	5.33	10	< 1	0.26	20	0.44	2890	49
T 31013	201	298	0.6	1.14	60	2170	0.5	< 2	0.58	4.0	12	34	78	2.88	10	< 1	0.26	30	0.29	385	44
T 31014	201	298	< 0.2	2.12	45	2970	1.0	< 2	0.94	65.0	90	35	175	3.60	10	< 1	0.24	20	0.31	2090	27
T 31015	203	205	< 0.2	1.95	40	4510	1.0	< 2	1.34	67.5	112	92	149	3.66	10	< 1	0.48	20	0.56	2530	31
T 31016	201	298	0.2	0.78	45	3410	< 0.5	< 2	0.63	11.5	6	32	64	1.78	< 10	< 1	0.19	30	0.15	160	28
T 31017	201	298	1.2	1.07	80	5390	0.5	< 2	1.18	10.0	17	48	140	3.54	10	< 1	0.28	30	0.21	355	41
T 31018	201	298	0.6	0.73	650	1420	< 0.5	< 2	0.70	10.5	20	12	109	4.76	< 10	< 1	0.17	30	0.46	335	25
T 31019	201	298	1.0	1.78	235	3070	1.0	< 2	0.75	18.0	20	67	352	4.31	10	3	0.27	30	0.37	405	50
T 31020	203	205	< 0.2	1.22	130	3470	0.5	< 2	0.43	23.0	30	71	190	4.18	< 10	< 1	0.31	20	0.15	1020	21
T 31021	201	298	0.4	1.86	235	2100	0.5	< 2	0.75	11.5	16	51	240	4.84	10	< 1	0.24	20	0.29	300	41
T 31022	201	298	2.0	0.59	110	1940	< 0.5	< 2	0.05	< 0.5	1	40	57	7.05	< 10	3	0.13	10	0.05	20	35
T 31023	201	298	< 0.2	2.93	250	820	1.0	< 2	0.64	9.5	23	72	283	8.31	10	4	0.26	20	0.45	435	59
T 31024	201	298	< 0.2	0.61	50	2400	< 0.5	< 2	0.48	44.0	5	15	52	1.81	< 10	< 1	0.14	20	0.11	280	12
T 31025	201	298	< 0.2	2.91	180	1910	1.0	< 2	0.64	17.0	31	65	352	7.73	10	< 1	0.21	20	0.32	530	58
T 31026	201	298	< 0.2	1.63	40	2480	0.5	< 2	0.73	38.5	13	47	85	2.21	10	2	0.16	20	0.20	1150	33
T 31027	201	298	< 0.2	4.40	100	2020	2.5	< 2	0.64	58.0	197	50	512	6.49	10	< 1	0.14	20	0.18	3050	57
T 31028	201	298	0.2	0.88	25	2310	0.5	< 2	1.45	10.5	15	31	98	2.27	10	< 1	0.17	20	0.77	295	23
T 31029	201	298	< 0.2	2.73	140	2440	1.5	< 2	0.70	32.5	63	51	393	6.96	10	< 1	0.18	20	0.31	1000	55
T 31030	201	298	< 0.2	1.20	25	820	1.5	< 2	0.16	9.0	65	16	99	3.27	< 10	< 1	0.19	20	0.10	1685	11
T 31031	201	298	0.2	1.10	60	2430	1.0	< 2	1.63	27.5	50	43	169	3.29	10	1	0.18	20	0.84	815	36
T 31032	203	205	< 0.2	1.35	25	930	1.5	< 2	0.12	8.0	64	127	67	4.02	< 10	< 1	0.22	10	0.13	2500	9
T 31033	201	298	< 0.2	0.88	35	2480	0.5	< 2	1.33	16.5	26	30	114	2.50	10	< 1	0.16	20	0.67	435	24
T 31034	201	298	0.2	1.00	25	1620	0.5	< 2	0.77	7.5	14	26	84	2.07	10	< 1	0.18	20	0.41	240	22
T 31040	201	298	< 0.2	2.07	15	680	1.0	< 2	0.21	< 0.5	7	26	195	4.29	10	< 1	0.47	40	0.46	100	4
T 31041	201	298	< 0.2	0.96	20	1270	1.0	< 2	0.21	7.0	6	226	97	2.75	10	5	0.11	20	0.10	30	81
T 31042	201	298	< 0.2	1.17	25	710	< 0.5	< 2	0.02	1.0	10	29	38	5.51	< 10	2	0.10	30	0.12	175	17
T 31043	201	298	0.8	1.14	15	1000	0.5	< 2	0.29	82.0	10	29	76	3.34	10	< 1	0.19	30	0.25	210	8

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T 30878	201	298	< 0.01	17	1180	16	< 5	2	46	< 0.01	< 10	< 10	129	< 10	148
T 30879	201	298	< 0.01	38	1080	18	< 5	2	70	< 0.01	< 10	< 10	144	< 10	392
T 30880	201	298	< 0.01	44	1070	16	< 5	3	85	< 0.01	< 10	< 10	128	< 10	446
T 31002	201	298	< 0.01	130	4190	20	10	4	275	0.01	< 10	10	540	< 10	1180
T 31003	201	298	< 0.01	120	2720	12	< 5	3	159	< 0.01	< 10	< 10	187	< 10	926
T 31004	201	298	< 0.01	183	3850	18	< 5	3	203	< 0.01	< 10	< 10	238	< 10	1610
T 31005	201	298	< 0.01	209	3030	20	5	2	181	0.01	< 10	10	598	< 10	2030
T 31006	201	298	< 0.01	211	3620	24	5	3	205	< 0.01	< 10	< 10	331	< 10	2230
T 31007	201	298	< 0.01	263	4160	22	< 5	4	188	0.01	< 10	10	444	< 10	3090
T 31008	201	298	< 0.01	122	3230	10	< 5	3	145	< 0.01	< 10	< 10	161	< 10	886
T 31009	201	298	< 0.01	313	3780	14	5	4	167	0.01	< 10	< 10	358	< 10	4330
T 31010	201	298	< 0.01	271	3170	20	< 5	4	156	0.01	< 10	< 10	270	< 10	2780
T 31011	203	205	0.01	102	6020	22	< 5	5	276	0.01	< 10	< 10	310	< 10	880
T 31012	201	298	< 0.01	396	3430	18	< 5	4	153	< 0.01	< 10	10	337	< 10	4040
T 31013	201	298	< 0.01	106	2700	18	5	5	136	< 0.01	< 10	< 10	206	< 10	658
T 31014	201	298	< 0.01	370	3720	18	< 5	4	184	0.01	< 10	10	296	< 10	4170
T 31015	203	205	< 0.01	371	4170	14	< 5	4	208	0.01	< 10	< 10	353	< 10	4010
T 31016	201	298	< 0.01	141	2620	14	5	2	129	< 0.01	< 10	< 10	287	< 10	1555
T 31017	201	298	< 0.01	176	5530	20	10	5	217	0.01	< 10	10	350	< 10	1395
T 31018	201	298	< 0.01	115	1850	26	10	5	130	< 0.01	< 10	< 10	81	< 10	1355
T 31019	201	298	< 0.01	206	3750	18	10	9	183	0.01	< 10	10	623	< 10	1815
T 31020	203	205	< 0.01	356	2400	12	< 5	3	160	< 0.01	< 10	10	262	< 10	2050
T 31021	201	298	< 0.01	174	4480	14	10	6	183	0.01	< 10	10	551	< 10	1505
T 31022	201	298	< 0.01	28	2770	28	20	2	97	0.01	< 10	< 10	593	< 10	264
T 31023	201	298	< 0.01	171	3150	18	15	11	146	0.01	< 10	30	815	< 10	1320
T 31024	201	298	0.01	273	1500	16	< 5	1	185	< 0.01	< 10	< 10	114	< 10	990
T 31025	201	298	< 0.01	179	2930	12	10	9	163	0.01	< 10	20	661	< 10	1890
T 31026	201	298	0.01	487	2270	14	< 5	2	144	0.01	< 10	< 10	474	< 10	4270
T 31027	201	298	< 0.01	386	2460	16	5	7	160	< 0.01	< 10	30	399	< 10	4340
T 31028	201	298	< 0.01	123	1310	12	< 5	4	119	< 0.01	< 10	10	276	< 10	1050
T 31029	201	298	< 0.01	246	2880	18	15	7	172	0.01	< 10	20	561	< 10	3030
T 31030	201	298	< 0.01	190	980	20	< 5	4	29	< 0.01	< 10	10	96	< 10	1880
T 31031	201	298	< 0.01	226	1780	22	5	5	131	< 0.01	< 10	10	440	< 10	2280
T 31032	203	205	< 0.01	157	850	14	< 5	3	24	< 0.01	< 10	< 10	94	< 10	968
T 31033	201	298	< 0.01	148	1480	14	5	4	112	< 0.01	< 10	< 10	298	< 10	1480
T 31034	201	298	< 0.01	99	790	14	< 5	3	63	< 0.01	< 10	< 10	277	< 10	764
T 31040	201	298	< 0.01	72	2530	12	< 5	4	92	< 0.01	< 10	< 10	65	< 10	708
T 31041	201	298	< 0.01	183	2300	18	10	< 1	54	< 0.01	< 10	< 10	1090	< 10	926
T 31042	201	298	< 0.01	110	1150	24	5	2	40	< 0.01	< 10	< 10	306	< 10	1195
T 31043	201	298	< 0.01	161	1600	14	< 5	6	109	< 0.01	< 10	< 10	53	< 10	1845

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T 31044	201	298	< 0.2	1.01	30	2070	0.5	< 2	0.03	2.0	2	91	88	1.66	< 10	13	0.10	30	0.09	20	35
T 31045	201	298	0.2	1.29	50	2380	0.5	< 2	0.04	< 0.5	6	45	31	2.96	< 10	2	0.16	20	0.11	80	47
T 31046	201	298	< 0.2	0.30	< 5	240	< 0.5	< 2	0.04	< 0.5	2	10	3	0.86	< 10	< 1	0.03	< 10	0.04	30	1
T 31047	201	298	< 0.2	0.57	20	2150	< 0.5	< 2	0.01	< 0.5	< 1	18	7	0.72	< 10	1	0.10	20	0.03	10	24
T 31048	201	298	0.2	0.67	30	1670	< 0.5	< 2	0.01	< 0.5	1	18	7	0.74	< 10	< 1	0.10	30	0.04	10	19
T 31049	201	298	1.8	0.63	30	1770	< 0.5	< 2	0.03	< 0.5	1	19	11	0.86	< 10	2	0.10	30	0.04	15	22
T 31050	201	298	1.6	0.41	< 5	130	< 0.5	< 2	0.03	< 0.5	2	4	2	0.60	< 10	2	0.02	< 10	0.03	20	1
T 31051	201	298	< 0.2	0.88	< 5	6100	0.5	< 2	0.07	< 0.5	1	21	7	0.46	< 10	1	0.09	20	0.03	25	12
T 31052	201	298	0.8	0.91	25	5620	< 0.5	< 2	0.07	< 0.5	1	37	18	0.72	< 10	1	0.07	20	0.02	20	25
T 31053	201	298	1.2	1.36	85	2730	0.5	< 2	0.05	< 0.5	1	172	65	2.23	< 10	18	0.32	30	0.10	10	107
T 31054	201	298	0.8	1.68	70	3590	0.5	< 2	0.42	1.0	2	102	117	1.91	< 10	9	0.21	20	0.10	25	55
T 31055	201	298	< 0.2	0.50	5	850	< 0.5	< 2	0.04	< 0.5	< 1	6	7	0.64	< 10	< 1	0.02	< 10	0.03	20	2
T 31056	201	298	1.2	1.46	40	3940	0.5	< 2	0.31	1.0	2	66	65	1.66	< 10	3	0.24	20	0.14	125	48
T 31057	201	298	0.2	1.28	5	2970	1.0	< 2	0.92	1.0	13	41	71	4.49	< 10	< 1	0.31	30	0.34	235	7
T 31058	201	298	1.6	0.78	20	2290	0.5	< 2	0.13	7.0	1	76	88	1.22	< 10	6	0.11	10	0.09	35	18
T 31059	201	298	2.4	2.03	45	1120	1.5	< 2	0.94	12.0	5	202	168	3.65	< 10	14	0.53	40	0.51	135	64
T 31060	201	298	4.0	1.93	45	490	1.5	< 2	0.51	3.5	4	95	170	5.54	< 10	4	0.49	30	0.87	75	38
T 31061	201	298	< 0.2	1.10	10	1200	1.0	< 2	0.46	14.0	6	46	72	2.37	< 10	< 1	0.22	30	0.22	135	34
T 31062	201	298	1.0	2.14	15	2220	1.0	< 2	0.86	4.5	11	41	287	4.09	< 10	< 1	0.55	30	0.63	115	13
T 31063	201	298	0.6	1.56	35	1670	0.5	< 2	0.65	2.0	7	51	82	4.19	< 10	< 1	0.41	30	0.39	155	6
T 31064	201	298	1.0	0.92	15	620	0.5	< 2	0.13	< 0.5	1	37	39	1.19	< 10	7	0.12	10	0.12	40	12
T 31065	201	298	1.6	1.11	15	840	< 0.5	< 2	0.02	< 0.5	5	30	53	3.30	< 10	2	0.24	20	0.10	50	5
T 31066	201	298	< 0.2	1.13	20	730	0.5	< 2	0.02	< 0.5	5	34	39	2.52	< 10	< 1	0.18	10	0.10	45	11
T 31067	201	298	< 0.2	0.34	< 5	30	< 0.5	< 2	0.06	< 0.5	1	2	3	0.53	< 10	< 1	0.02	< 10	0.05	25	< 1
T 31068	201	298	< 0.2	0.31	< 5	260	< 0.5	< 2	0.03	< 0.5	1	6	4	0.65	< 10	1	0.04	< 10	0.03	20	< 1
T 31069	201	298	2.4	1.94	65	250	1.0	< 2	0.10	< 0.5	4	113	59	4.56	< 10	2	0.62	40	0.36	240	37
T 31070	201	298	< 0.2	1.97	120	2760	2.5	< 2	0.50	6.5	< 1	222	201	2.67	< 10	43	0.35	40	0.20	15	108
T 31071	201	298	2.2	2.35	160	520	3.5	< 2	3.50	21.0	1	368	260	3.94	< 10	19	0.36	40	0.15	35	100
T 31072	201	298	1.0	0.59	15	1630	< 0.5	< 2	0.09	1.5	< 1	34	54	0.83	< 10	2	0.07	< 10	0.01	10	15
T 31073	201	298	1.0	0.96	40	340	0.5	< 2	0.02	0.5	< 1	132	81	1.87	< 10	13	0.24	20	0.06	5	49
T 31074	201	298	1.2	1.37	5	1370	1.0	< 2	0.08	0.5	3	43	56	2.04	< 10	< 1	0.25	30	0.13	40	7
T 31075	201	298	< 0.2	0.34	5	490	< 0.5	< 2	0.02	< 0.5	< 1	10	10	0.35	< 10	< 1	0.06	< 10	0.03	5	1
T 31076	201	298	< 0.2	1.26	15	910	< 0.5	< 2	0.01	< 0.5	6	36	34	2.95	< 10	2	0.18	20	0.11	90	11
T 31077	201	298	< 0.2	1.03	15	500	< 0.5	< 2	0.01	< 0.5	4	27	20	1.84	< 10	< 1	0.12	10	0.09	40	6
T 31078	201	298	< 0.2	1.28	25	620	< 0.5	< 2	0.02	< 0.5	15	19	80	4.79	< 10	< 1	0.17	20	0.10	155	17
T 31079	201	298	< 0.2	1.60	25	1260	< 0.5	< 2	0.02	< 0.5	20	37	107	6.21	< 10	< 1	0.22	20	0.17	100	17
T 31080	201	298	< 0.2	1.53	15	1720	0.5	< 2	0.06	0.5	6	41	59	2.87	< 10	< 1	0.18	20	0.12	30	14
T 31081	201	298	0.6	1.86	20	1340	0.5	< 2	0.03	< 0.5	5	32	60	4.21	< 10	< 1	0.38	30	0.18	25	11
T 31082	201	298	0.6	0.75	5	650	< 0.5	< 2	0.02	< 0.5	2	21	39	1.86	< 10	< 1	0.14	10	0.06	15	9
T 31083	201	298	1.0	1.39	30	3040	1.5	< 2	0.94	18.0	5	98	93	2.14	< 10	1	0.25	30	0.36	95	39

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SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
R 31044	201	298	< 0.01	30	1220	18	10	< 1	139	0.04	10	10	2590	< 10	168
R 31045	201	298	0.01	42	1920	34	10	1	207	0.01	< 10	< 10	609	< 10	328
R 31046	201	298	0.05	4	410	4	< 5	< 1	13	0.04	< 10	< 10	58	< 10	18
R 31047	201	298	< 0.01	4	1160	14	5	1	117	0.01	< 10	< 10	177	< 10	32
R 31048	201	298	< 0.01	5	990	14	5	1	95	0.01	< 10	< 10	140	< 10	32
R 31049	201	298	< 0.01	3	1460	10	5	1	89	0.01	< 10	< 10	133	< 10	34
R 31050	201	298	0.05	1	270	< 2	< 5	< 1	10	0.03	< 10	< 10	29	< 10	6
R 31051	201	298	< 0.01	3	3260	18	5	2	338	0.01	< 10	< 10	147	< 10	50
R 31052	201	298	< 0.01	8	3190	18	< 5	1	302	< 0.01	< 10	< 10	169	< 10	50
R 31053	201	298	< 0.01	15	2890	26	20	2	298	0.02	20	10	3120	< 10	64
R 31054	201	298	< 0.01	45	5160	24	15	1	395	0.01	< 10	10	1415	< 10	242
R 31055	201	298	0.07	2	470	< 2	< 5	< 1	15	0.01	< 10	< 10	53	< 10	8
R 31056	201	298	0.01	24	3730	36	10	1	345	0.01	< 10	< 10	766	< 10	236
R 31057	201	298	< 0.01	104	2270	18	< 5	8	143	< 0.01	< 10	< 10	160	< 10	544
R 31058	201	298	0.04	67	2320	6	5	< 1	66	< 0.01	< 10	10	1015	< 10	276
R 31059	201	298	< 0.01	98	6600	18	10	7	353	0.05	< 10	20	2500	< 10	552
R 31060	201	298	0.01	81	6890	36	10	5	543	0.01	< 10	< 10	814	< 10	564
R 31061	201	298	< 0.01	109	2240	8	5	4	146	< 0.01	< 10	< 10	310	< 10	928
R 31062	201	298	< 0.01	102	5940	20	< 5	4	263	0.01	< 10	< 10	202	< 10	856
R 31063	201	298	0.01	69	5220	16	< 5	4	341	0.01	< 10	< 10	144	< 10	412
R 31064	201	298	0.06	15	1740	36	< 5	< 1	74	0.01	< 10	< 10	627	< 10	50
R 31065	201	298	< 0.01	33	1170	30	< 5	2	17	0.01	< 10	< 10	135	< 10	212
R 31066	201	298	0.01	49	1630	18	< 5	< 1	52	< 0.01	< 10	< 10	293	< 10	322
R 31067	201	298	0.08	1	220	< 2	< 5	< 1	7	0.02	< 10	< 10	20	< 10	8
R 31068	201	298	0.06	8	350	< 2	< 5	< 1	7	< 0.01	< 10	< 10	30	< 10	44
R 31069	201	298	< 0.01	40	3330	26	< 5	10	604	0.01	< 10	< 10	501	< 10	82
R 31070	201	298	< 0.01	90	4490	14	40	8	236	0.08	30	30	7130	< 10	696
R 31071	201	298	0.01	63	>10000	14	55	12	1370	0.04	< 10	50	3160	< 10	500
R 31072	201	298	< 0.01	16	1910	12	10	1	101	0.01	< 10	< 10	279	< 10	80
R 31073	201	298	< 0.01	25	1740	12	15	1	107	0.03	10	10	1995	< 10	122
R 31074	201	298	< 0.01	46	2370	32	< 5	< 1	81	< 0.01	< 10	< 10	217	< 10	260
R 31075	201	298	0.05	5	630	4	< 5	< 1	12	< 0.01	< 10	< 10	54	< 10	26
R 31076	201	298	< 0.01	44	1590	16	< 5	1	46	< 0.01	< 10	< 10	374	< 10	250
R 31077	201	298	0.01	33	1180	12	< 5	< 1	29	< 0.01	< 10	< 10	260	< 10	208
R 31078	201	298	0.01	93	2270	18	5	1	12	< 0.01	< 10	< 10	103	< 10	574
R 31079	201	298	< 0.01	125	2640	32	< 5	1	34	< 0.01	< 10	< 10	230	< 10	788
R 31080	201	298	< 0.01	68	2300	24	< 5	< 1	109	< 0.01	< 10	< 10	246	< 10	318
R 31081	201	298	0.01	32	2670	22	< 5	< 1	186	< 0.01	< 10	< 10	191	< 10	242
R 31082	201	298	0.04	30	1680	12	< 5	< 1	61	< 0.01	< 10	< 10	107	< 10	228
R 31083	201	298	< 0.01	172	2950	18	5	4	153	0.01	< 10	< 10	803	< 10	1545

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

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

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

BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR (FALCON)
Comments:

Certificate Date: 29-JUL-91
Invoice No. :19118336
P.O. Number :

CERTIFICATE OF ANALYSIS A9118336

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T 31084	201	298	0.2	0.34	< 5	180	< 0.5	< 2	0.03	< 0.5	< 1	12	3	0.40	< 10	< 1	0.06	< 10	0.04	20	3
T 31085	201	298	1.0	1.02	15	1430	0.5	< 2	0.03	< 0.5	1	64	36	1.57	10	1	0.28	30	0.14	10	8
T 31086	201	298	0.8	1.88	30	2710	1.5	< 2	0.82	3.5	10	58	160	3.60	10	< 1	0.30	20	0.21	135	15
T 31087	201	298	< 0.2	0.86	10	1100	< 0.5	< 2	0.08	6.0	15	10	37	4.15	< 10	< 1	0.11	10	0.11	705	2
T 31088	201	298	1.0	1.76	20	3170	0.5	< 2	0.83	< 0.5	27	35	59	5.14	10	< 1	0.18	20	0.26	915	5
T 31089	201	298	1.0	1.16	15	1930	0.5	< 2	0.31	< 0.5	21	19	126	6.12	< 10	< 1	0.17	30	0.21	525	9
T 31090	201	298	0.4	1.01	15	1180	0.5	< 2	0.23	< 0.5	16	16	68	3.91	< 10	< 1	0.19	10	0.21	260	3
T 31091	201	298	< 0.2	0.41	5	880	< 0.5	< 2	0.05	1.0	1	42	30	0.67	< 10	2	0.05	< 10	0.02	15	9
T 31092	201	298	< 0.2	0.17	< 5	760	< 0.5	< 2	0.05	< 0.5	1	11	8	0.75	< 10	1	0.03	< 10	0.03	30	1
T 31093	201	298	< 0.2	0.87	20	3060	0.5	< 2	0.42	13.5	10	43	75	3.55	< 10	3	0.23	30	0.18	270	13
T 31094	201	298	0.4	1.28	45	3330	0.5	< 2	0.41	10.0	8	63	116	3.39	10	5	0.30	30	0.18	160	39
T 31095	201	298	0.2	0.64	15	2830	< 0.5	< 2	0.03	< 0.5	2	45	28	1.05	< 10	2	0.15	20	0.04	15	25
T 31096	201	298	< 0.2	0.50	< 5	1500	< 0.5	< 2	0.02	< 0.5	< 1	23	7	0.51	< 10	< 1	0.09	20	0.03	10	8
T 31097	201	298	0.6	0.25	< 5	540	< 0.5	< 2	0.01	< 0.5	< 1	12	3	0.54	< 10	< 1	0.05	10	0.02	20	1
T 31098	201	298	0.2	0.07	< 5	20	< 0.5	< 2	0.02	< 0.5	1	4	< 1	0.33	< 10	1	0.02	< 10	0.02	15	< 1
T 31099	201	298	0.2	0.81	20	2800	< 0.5	< 2	0.04	< 0.5	< 1	58	31	1.22	< 10	6	0.20	30	0.04	10	47
T 31100	201	298	1.4	0.11	< 5	100	< 0.5	< 2	0.02	< 0.5	< 1	4	< 1	0.30	< 10	< 1	0.02	< 10	0.02	10	1
T 31101	201	298	0.8	0.22	< 5	1260	< 0.5	< 2	0.02	< 0.5	< 1	9	4	0.35	< 10	1	0.04	< 10	0.02	10	3
T 31102	201	298	0.6	1.08	20	3370	0.5	< 2	0.05	< 0.5	< 1	65	59	1.04	< 10	2	0.13	20	0.04	10	22
T 31103	201	298	3.2	1.09	25	2630	0.5	< 2	0.05	< 0.5	1	79	47	1.43	10	3	0.24	30	0.07	15	67
T 31104	201	298	0.8	1.29	45	5930	2.0	2	0.09	< 0.5	< 1	74	15	0.91	10	2	0.22	40	0.04	15	70
T 31105	201	298	1.6	1.20	105	3250	< 0.5	< 2	0.07	< 0.5	< 1	104	43	2.40	10	6	0.20	20	0.06	10	79
T 31106	201	298	10.8	0.17	< 5	650	< 0.5	< 2	0.02	< 0.5	< 1	7	3	0.41	< 10	< 1	0.02	< 10	0.02	10	1
T 31107	201	298	0.4	0.82	5	5450	< 0.5	< 2	0.03	< 0.5	< 1	36	13	0.67	< 10	2	0.15	30	0.03	5	25
T 31108	201	298	1.0	0.23	< 5	730	< 0.5	< 2	0.01	< 0.5	< 1	7	1	0.29	< 10	< 1	0.05	< 10	0.02	10	1
T 31109	201	298	1.8	0.43	5	350	< 0.5	< 2	0.05	< 0.5	1	17	5	0.59	< 10	1	0.07	< 10	0.03	10	3
T 31110	201	298	0.8	1.00	25	3130	0.5	< 2	0.03	0.5	2	74	41	1.74	10	7	0.29	30	0.07	15	50
T 31111	201	298	1.0	2.13	20	2800	1.5	< 2	1.18	16.5	5	117	175	3.13	10	3	0.72	30	0.55	175	19
T 31112	201	298	1.6	2.16	110	750	2.0	< 2	0.87	8.0	1	345	288	3.22	20	27	0.53	40	0.42	40	83
T 31113	201	298	3.8	2.19	75	1920	1.5	< 2	0.61	9.5	9	160	241	4.04	10	8	0.45	30	0.37	125	56
T 31114	201	298	1.0	1.01	25	2030	0.5	< 2	1.49	5.5	9	46	86	3.46	10	< 1	0.32	40	0.88	215	14
T 31115	201	298	0.4	0.39	5	3280	< 0.5	< 2	0.02	< 0.5	< 1	50	12	0.65	< 10	1	0.07	< 10	0.04	10	9
T 31116	201	298	1.0	0.15	< 5	80	< 0.5	< 2	0.03	< 0.5	1	5	1	0.42	< 10	< 1	0.03	< 10	0.03	15	< 1
T 31117	201	298	2.0	1.22	10	2570	1.0	< 2	0.19	< 0.5	2	64	47	1.09	< 10	3	0.35	20	0.25	15	12
T 31118	201	298	< 0.2	1.52	20	1380	0.5	< 2	0.04	< 0.5	4	59	60	3.02	< 10	3	0.36	20	0.19	30	19
T 31119	201	298	1.4	0.78	15	460	< 0.5	< 2	0.01	< 0.5	3	33	23	1.39	< 10	1	0.18	10	0.08	20	10
T 31120	201	298	< 0.2	0.82	< 5	1220	< 0.5	< 2	0.61	0.5	2	24	9	0.77	< 10	< 1	0.13	10	0.17	70	2
T 31121	201	298	< 0.2	1.11	30	3960	1.0	< 2	0.31	4.5	7	98	92	2.38	10	7	0.29	30	0.16	55	28
T 31122	201	298	< 0.2	1.17	15	3510	0.5	< 2	0.03	0.5	3	111	49	1.66	10	5	0.23	30	0.13	20	23
T 31123	201	298	< 0.2	0.66	5	560	< 0.5	< 2	< 0.01	< 0.5	10	15	35	3.73	< 10	< 1	0.19	30	0.05	115	5

CERTIFICATION: B. Caplin

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ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR (FALCON)
Comments:

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CERTIFICATE OF ANALYSIS A9118336

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 31084	201	298	0.06	5	540	2	< 5	< 1	11	< 0.01	< 10	< 10	102	< 10	30
T 31085	201	298	< 0.01	20	1530	16	< 5	2	150	< 0.01	< 10	< 10	277	< 10	108
T 31086	201	298	0.01	140	6300	20	5	4	335	0.01	< 10	< 10	278	< 10	718
T 31087	201	298	0.03	110	860	16	< 5	4	19	0.01	< 10	< 10	50	< 10	554
T 31088	201	298	< 0.01	121	1860	14	< 5	10	122	0.01	< 10	< 10	112	< 10	628
T 31089	201	298	< 0.01	158	1310	36	< 5	9	63	< 0.01	< 10	< 10	33	< 10	1085
T 31090	201	298	< 0.01	96	810	22	< 5	5	42	< 0.01	< 10	< 10	53	< 10	394
T 31091	201	298	0.06	14	1150	< 2	< 5	< 1	39	< 0.01	< 10	< 10	431	< 10	84
T 31092	201	298	0.07	4	320	2	< 5	< 1	19	0.01	< 10	< 10	93	< 10	20
T 31093	201	298	< 0.01	104	2360	14	< 5	5	129	< 0.01	< 10	< 10	274	< 10	766
T 31094	201	298	< 0.01	102	3790	30	10	6	226	0.01	< 10	< 10	699	< 10	790
T 31095	201	298	0.02	17	1010	16	< 5	< 1	101	0.01	< 10	< 10	543	< 10	122
T 31096	201	298	0.02	5	710	6	< 5	< 1	61	0.02	< 10	< 10	209	< 10	38
T 31097	201	298	0.05	2	330	8	< 5	< 1	23	0.02	< 10	< 10	93	< 10	16
T 31098	201	298	0.09	1	80	< 2	< 5	< 1	4	0.02	< 10	< 10	15	< 10	4
T 31099	201	298	0.01	11	1560	24	5	1	165	0.02	< 10	< 10	866	< 10	46
T 31100	201	298	0.07	1	160	< 2	< 5	< 1	8	0.01	< 10	< 10	31	< 10	4
T 31101	201	298	0.07	3	370	4	< 5	< 1	20	0.01	< 10	< 10	79	< 10	8
T 31102	201	298	0.02	14	2420	18	< 5	< 1	151	< 0.01	< 10	< 10	572	< 10	44
T 31103	201	298	< 0.01	12	2370	32	5	1	239	0.01	< 10	< 10	846	< 10	60
T 31104	201	298	< 0.01	6	4480	30	20	2	1265	0.02	< 10	10	572	< 10	122
T 31105	201	298	< 0.01	12	4100	28	20	2	342	0.02	< 10	< 10	1050	< 10	70
T 31106	201	298	0.04	2	330	2	< 5	< 1	15	< 0.01	< 10	< 10	61	< 10	6
T 31107	201	298	< 0.01	4	2680	34	5	< 1	349	0.01	< 10	< 10	306	< 10	46
T 31108	201	298	0.08	1	440	4	< 5	< 1	39	< 0.01	< 10	< 10	59	< 10	6
T 31109	201	298	0.06	2	1520	6	< 5	< 1	28	< 0.01	< 10	< 10	166	< 10	16
T 31110	201	298	< 0.01	31	2050	34	10	1	232	0.01	< 10	< 10	1000	< 10	202
T 31111	201	298	< 0.01	99	5980	16	< 5	8	387	0.01	< 10	< 10	602	< 10	782
T 31112	201	298	0.01	106	8370	18	20	8	313	0.09	10	30	4250	< 10	416
T 31113	201	298	< 0.01	236	4500	24	10	10	271	0.03	< 10	10	1585	< 10	1290
T 31114	201	298	0.01	134	1240	16	< 5	8	153	< 0.01	< 10	< 10	163	< 10	1040
T 31115	201	298	0.06	26	300	< 2	< 5	< 1	46	0.01	< 10	< 10	221	< 10	128
T 31116	201	298	0.10	2	130	< 2	< 5	< 1	5	0.02	< 10	< 10	29	< 10	6
T 31117	201	298	0.04	31	1370	12	< 5	1	122	0.01	< 10	< 10	397	< 10	116
T 31118	201	298	0.02	57	2110	16	< 5	1	110	0.01	< 10	< 10	491	< 10	376
T 31119	201	298	0.04	30	630	16	< 5	< 1	31	0.01	< 10	< 10	267	< 10	204
T 31120	201	298	0.05	16	1580	8	< 5	< 1	83	< 0.01	< 10	< 10	163	< 10	98
T 31121	201	298	< 0.01	93	2750	10	5	1	115	0.01	< 10	< 10	893	< 10	570
T 31122	201	298	< 0.01	50	1130	14	< 5	1	149	0.03	< 10	< 10	972	< 10	258
T 31123	201	298	< 0.01	75	760	20	< 5	2	13	< 0.01	< 10	< 10	113	< 10	352

CERTIFICATION: B. Caplin

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T 31124	201	298	2.2	0.81	10	1020	0.5	< 2	0.03	< 0.5	2	96	51	1.70	< 10	< 1	0.16	30	0.07	10	6
T 31125	201	298	0.4	0.91	5	610	0.5	< 2	0.03	< 0.5	< 1	85	19	0.95	< 10	1	0.22	20	0.10	15	6
T 31126	201	298	5.0	1.20	45	2450	1.0	< 2	1.34	7.5	16	177	160	3.14	< 10	1	0.18	20	0.15	360	12
T 31127	201	298	2.0	0.13	< 5	90	< 0.5	< 2	0.03	< 0.5	1	9	4	0.40	< 10	< 1	0.04	< 10	0.02	15	< 1
T 31128	201	298	0.2	0.29	< 5	80	< 0.5	< 2	0.02	< 0.5	< 1	6	2	0.32	< 10	< 1	0.05	< 10	0.03	10	< 1
T 31129	201	298	1.4	0.96	15	870	< 0.5	< 2	0.05	0.5	3	39	54	1.25	< 10	1	0.32	10	0.13	25	10
T 31130	201	298	0.8	0.15	< 5	70	< 0.5	< 2	0.06	< 0.5	1	5	3	0.40	< 10	1	0.03	< 10	0.04	15	< 1
T 31131	201	298	47.0	0.66	10	740	< 0.5	< 2	0.09	2.5	1	78	69	0.76	< 10	1	0.05	10	0.02	10	17
T 31132	201	298	1.4	0.60	< 5	530	< 0.5	< 2	0.02	0.5	1	26	23	0.56	< 10	1	0.14	10	0.06	10	3
T 31133	201	298	1.2	0.28	< 5	60	< 0.5	< 2	0.03	< 0.5	< 1	5	2	0.24	< 10	< 1	0.03	< 10	0.02	10	< 1

CERTIFICATION: B. Caughlin

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T 31124	201	298	0.04	22	2190	14	< 5	1	91	0.01	< 10	< 10	172	< 10	82
T 31125	201	298	0.02	15	550	18	< 5	1	29	0.01	< 10	< 10	293	< 10	58
T 31126	201	298	0.01	275	7110	18	5	5	181	< 0.01	< 10	10	406	< 10	2020
T 31127	201	298	0.10	6	190	< 2	< 5	< 1	5	0.02	< 10	< 10	37	< 10	30
T 31128	201	298	0.09	4	400	2	< 5	< 1	6	< 0.01	< 10	< 10	20	< 10	14
T 31129	201	298	0.04	41	840	12	< 5	< 1	26	< 0.01	< 10	< 10	201	< 10	276
T 31130	201	298	0.10	3	200	2	< 5	< 1	9	0.01	< 10	< 10	19	< 10	14
T 31131	201	298	0.03	42	450	< 2	< 5	< 1	28	0.03	< 10	< 10	211	< 10	146
T 31132	201	298	0.06	8	430	4	< 5	< 1	11	< 0.01	< 10	< 10	117	< 10	46
T 31133	201	298	0.11	1	160	< 2	< 5	< 1	6	0.01	< 10	< 10	14	< 10	4

CERTIFICATION: B. Caplan

Chemex Labs Ltd.

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BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR(FALCON)
Comments:

Page No. :1
Total Pag. :1
Certificate Date: 02-AUG-91
Invoice No. :I9118874
P.O. Number :

CERTIFICATE OF ANALYSIS A9118874

SAMPLE DESCRIPTION	PREP CODE	Zn %
T 29723	214 --	1.64
T 29724	214 --	1.99
T 29725	214 --	1.28
T 29726	214 --	2.03

CERTIFICATION: D Christie

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BOX 4127
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Y1A 3S9

Project : NR (FALCON)
Comments:

Certificate Date: 03-SEP-91
Invoice No. :19120620
P.O. Number :

CERTIFICATE OF ANALYSIS A9120620

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T32160	201	298	0.2	1.10	5	2550	< 0.5	< 2	0.91	3.0	3	31	46	1.67	10	3	0.19	30	0.38	80	13
T32161	201	298	1.0	1.04	5	1260	< 0.5	< 2	1.55	4.5	5	29	62	1.52	10	< 1	0.12	20	0.35	185	8
T32162	201	298	0.8	1.12	10	1280	< 0.5	< 2	1.20	3.5	4	27	43	1.46	10	4	0.18	20	0.33	400	4
T32163	201	298	0.8	1.24	10	2130	< 0.5	< 2	0.67	1.5	5	32	38	2.16	10	3	0.21	20	0.41	125	11
T32164	201	298	0.2	1.08	< 5	1830	< 0.5	< 2	0.44	2.0	6	26	33	1.87	10	2	0.14	20	0.41	125	10
T32165	201	298	0.2	0.97	15	2000	< 0.5	< 2	0.47	3.5	4	29	35	1.87	10	2	0.13	20	0.27	135	12
T32166	201	298	< 0.2	0.85	30	3550	< 0.5	< 2	0.48	2.0	4	26	36	2.48	10	< 1	0.16	20	0.44	160	24
T32167	201	298	< 0.2	0.79	25	820	< 0.5	2	0.44	6.0	6	24	67	2.84	10	< 1	0.13	30	0.31	125	69
T32168	201	298	0.6	1.25	50	1540	< 0.5	< 2	0.87	67.0	24	50	132	2.23	10	6	0.18	20	0.41	900	30
T32169	201	298	0.4	0.84	10	1540	< 0.5	< 2	0.76	6.0	4	29	59	2.07	10	< 1	0.16	30	0.38	70	22
T32170	201	298	0.6	0.92	25	1900	< 0.5	< 2	0.75	10.0	5	33	62	2.23	10	2	0.18	30	0.38	60	25
T32171	201	298	0.6	1.10	5	1620	< 0.5	< 2	1.12	16.0	6	35	57	2.33	10	2	0.19	20	0.42	290	18
T32172	201	298	0.6	1.51	40	1380	< 0.5	< 2	0.85	28.5	7	45	93	2.43	10	3	0.22	20	0.53	270	19
T32173	201	298	0.8	1.37	5	1300	< 0.5	< 2	0.64	10.0	4	39	62	2.19	10	3	0.20	20	0.42	235	14
T32174	201	298	0.6	1.30	20	1780	< 0.5	< 2	0.73	22.0	6	37	68	1.96	10	4	0.17	30	0.41	325	13
T32175	201	298	0.2	1.32	20	2910	< 0.5	< 2	1.05	18.5	5	60	81	1.99	10	8	0.24	30	0.47	85	27
T32176	201	298	0.6	1.26	20	2300	< 0.5	< 2	0.68	5.5	5	33	56	2.32	10	2	0.21	30	0.53	100	12
T32177	201	298	0.6	1.57	20	2110	< 0.5	< 2	0.87	25.5	6	44	66	1.77	10	5	0.29	30	0.54	140	10
T32178	201	298	1.4	1.34	30	2410	< 0.5	2	1.07	19.5	9	47	113	1.72	10	2	0.25	30	0.36	290	8
T32179	201	298	0.6	0.55	10	950	< 0.5	< 2	1.32	3.5	< 1	12	39	1.18	10	1	0.12	20	0.11	70	4
T32180	201	298	0.8	1.18	< 5	1100	< 0.5	< 2	1.14	3.0	6	25	50	2.02	10	< 1	0.13	20	0.30	360	8
T32181	201	298	1.4	0.92	10	990	< 0.5	< 2	0.03	2.0	25	21	66	2.15	< 10	3	0.13	20	0.15	1180	11
T32182	201	298	1.8	0.78	5	770	< 0.5	< 2	0.10	2.0	4	13	69	1.23	< 10	3	0.09	10	0.11	140	7
T32183	201	298	0.4	0.54	20	720	< 0.5	< 2	0.03	4.0	6	8	70	5.52	< 10	< 1	0.13	20	0.05	250	11
T32184	201	298	1.2	0.71	< 5	2350	< 0.5	< 2	0.10	5.0	1	11	105	1.37	< 10	< 1	0.12	10	0.10	35	6
T32185	201	298	0.2	0.38	15	300	< 0.5	< 2	0.01	< 0.5	1	7	22	1.44	< 10	1	0.07	10	0.02	35	4
T32186	201	298	0.6	0.76	25	2180	< 0.5	< 2	0.01	< 0.5	3	13	75	2.94	10	1	0.15	30	0.04	20	15
T32187	201	298	0.4	0.52	25	540	< 0.5	< 2	< 0.01	< 0.5	1	15	32	1.57	< 10	1	0.09	30	0.02	30	12
T32188	201	298	0.6	0.56	25	470	< 0.5	4	0.01	< 0.5	< 1	12	39	1.78	< 10	< 1	0.13	10	0.04	25	11
T32189	201	298	0.6	0.69	50	1070	< 0.5	< 2	0.01	0.5	< 1	18	51	2.54	< 10	1	0.20	20	0.07	30	18
T32190	201	298	0.4	1.98	60	4710	< 0.5	< 2	0.29	48.5	64	41	191	5.13	10	< 1	0.25	10	0.42	3780	69
T32191	201	298	< 0.2	1.78	35	1810	< 0.5	< 2	1.12	>100.0	60	46	153	4.21	10	< 1	0.30	20	0.48	2880	62
T32192	201	298	0.2	1.18	105	3390	< 0.5	< 2	0.70	37.0	5	39	83	3.78	10	1	0.23	30	0.44	155	26
T32193	201	298	< 0.2	1.21	30	720	< 0.5	2	0.09	0.5	4	21	57	2.55	< 10	< 1	0.16	20	0.12	60	10
T32194	201	298	< 0.2	1.83	35	470	< 0.5	< 2	0.16	< 0.5	5	36	54	4.21	10	< 1	0.19	20	0.54	165	11
T32195	201	298	< 0.2	0.75	15	450	< 0.5	< 2	0.03	< 0.5	1	20	26	1.85	10	1	0.15	20	0.12	50	9
T32196	201	298	< 0.2	1.87	40	2070	< 0.5	< 2	0.22	< 0.5	5	36	48	3.38	10	< 1	0.22	20	0.44	115	14
T32197	201	298	0.4	0.79	5	4360	< 0.5	2	0.01	< 0.5	< 1	19	12	0.88	< 10	4	0.09	10	0.05	5	9
T32198	201	298	1.4	1.45	45	2640	< 0.5	< 2	0.08	< 0.5	< 1	52	30	2.98	< 10	5	0.12	10	0.17	15	31
T32199	201	298	0.2	0.86	15	2430	< 0.5	< 2	0.02	< 0.5	1	25	18	1.60	< 10	1	0.10	20	0.08	25	18

CERTIFICATION: B. Caughlin

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Project : NR (FALCON)
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Certificate Date: 03-SEP-91
Invoice No. : I9120620
P.O. Number :

CERTIFICATE OF ANALYSIS A9120620

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T32160	201	298	< 0.01	63	1540	< 2	< 5	3	68	0.01	< 10	< 10	256	< 10	534
T32161	201	298	0.01	84	1570	4	5	2	84	< 0.01	< 10	10	249	< 10	534
T32162	201	298	0.01	71	1690	12	5	3	70	< 0.01	< 10	< 10	219	< 10	508
T32163	201	298	0.01	53	1370	10	5	4	49	< 0.01	< 10	< 10	281	< 10	482
T32164	201	298	< 0.01	52	1130	14	< 5	3	35	< 0.01	< 10	< 10	235	< 10	470
T32165	201	298	< 0.01	50	1240	2	5	2	42	< 0.01	< 10	< 10	357	< 10	706
T32166	201	298	< 0.01	67	2020	16	5	2	72	< 0.01	< 10	< 10	356	< 10	634
T32167	201	298	< 0.01	222	810	16	5	4	30	< 0.01	< 10	< 10	254	< 10	1420
T32168	201	298	< 0.01	752	1790	12	5	4	73	< 0.01	< 10	10	491	10	7120
T32169	201	298	< 0.01	181	2150	14	< 5	3	59	0.01	< 10	< 10	259	< 10	2190
T32170	201	298	< 0.01	259	2130	6	< 5	4	63	0.01	< 10	< 10	294	< 10	2490
T32171	201	298	< 0.01	415	1960	14	< 5	4	80	< 0.01	< 10	< 10	338	10	5190
T32172	201	298	< 0.01	489	1690	14	< 5	4	77	0.01	< 10	< 10	451	10	5450
T32173	201	298	< 0.01	152	1860	8	< 5	4	67	0.01	< 10	10	430	< 10	2110
T32174	201	298	< 0.01	158	1700	6	< 5	3	68	0.01	< 10	10	415	10	2860
T32175	201	298	< 0.01	187	2120	< 2	5	4	122	0.02	< 10	20	984	< 10	2980
T32176	201	298	< 0.01	81	1670	12	< 5	4	66	0.01	< 10	< 10	216	< 10	1045
T32177	201	298	< 0.01	174	1810	12	< 5	4	74	0.01	< 10	10	409	10	2970
T32178	201	298	< 0.01	171	1870	10	5	4	95	0.01	< 10	20	442	< 10	1970
T32179	201	298	< 0.01	22	830	20	< 5	1	86	< 0.01	< 10	10	79	< 10	214
T32180	201	298	0.01	61	1580	2	< 5	3	66	< 0.01	< 10	< 10	180	< 10	408
T32181	201	298	< 0.01	18	1910	12	< 5	1	32	< 0.01	< 10	< 10	190	< 10	162
T32182	201	298	0.03	22	1790	8	< 5	1	40	< 0.01	< 10	< 10	121	< 10	138
T32183	201	298	0.01	48	1450	22	< 5	2	41	< 0.01	< 10	< 10	44	< 10	672
T32184	201	298	0.03	33	1280	16	< 5	1	130	0.01	< 10	< 10	103	< 10	200
T32185	201	298	0.03	9	500	12	< 5	< 1	15	0.01	< 10	< 10	59	< 10	116
T32186	201	298	< 0.01	40	810	18	5	2	66	< 0.01	< 10	< 10	162	< 10	290
T32187	201	298	< 0.01	22	380	6	< 5	1	16	0.01	10	< 10	100	< 10	178
T32188	201	298	0.03	22	610	10	< 5	1	62	0.01	< 10	< 10	108	< 10	188
T32189	201	298	0.02	39	850	16	5	2	147	0.01	< 10	< 10	236	< 10	344
T32190	201	298	0.02	302	2180	10	10	3	108	0.01	< 10	10	489	< 10	2460
T32191	201	298	0.01	1100	1800	14	< 5	3	154	0.01	< 10	< 10	423	20	>10000
T32192	201	298	< 0.01	266	2950	10	5	4	85	0.01	< 10	< 10	345	10	3770
T32193	201	298	< 0.01	33	2280	22	< 5	< 1	43	< 0.01	< 10	< 10	144	< 10	296
T32194	201	298	< 0.01	49	2560	16	< 5	2	50	0.02	< 10	< 10	197	< 10	334
T32195	201	298	< 0.01	21	610	20	5	< 1	29	0.01	< 10	< 10	184	< 10	170
T32196	201	298	< 0.01	52	2150	10	5	3	47	0.01	< 10	< 10	284	< 10	396
T32197	201	298	< 0.01	1	420	8	< 5	1	50	0.01	< 10	< 10	179	< 10	40
T32198	201	298	< 0.01	20	3670	2	< 5	3	105	0.01	< 10	< 10	548	< 10	176
T32199	201	298	< 0.01	12	820	40	< 5	1	57	0.02	< 10	< 10	279	< 10	104

CERTIFICATION: B. Caryl

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Project : NR (FALCON)
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Page No. :2-A
Total Pa :5
Certificate Date: 03-SEP-91
Invoice No. :I9120620
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CERTIFICATE OF ANALYSIS A9120620

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T32200	201	298	< 0.2	1.64	15	2550	< 0.5	< 2	0.14	< 0.5	5	32	34	3.07	< 10	1	0.20	20	0.41	100	13
T32276	205	294	< 0.2	0.16	10	>10000	< 0.5	< 2	0.19	3.0	9	25	18	0.14	30	6	0.03	< 10	0.01	5	10
T32277	201	298	< 0.2	0.49	155	840	< 0.5	2	0.32	15.0	2	13	30	4.07	< 10	1	0.10	10	0.07	80	12
T32301	201	298	0.4	1.44	15	2990	< 0.5	< 2	1.24	28.0	3	44	63	1.62	10	5	0.27	20	0.50	45	11
T32302	201	298	0.8	1.60	20	1450	< 0.5	6	0.85	17.0	6	46	63	1.95	10	4	0.28	20	0.51	195	12
T32303	201	298	0.8	0.22	< 5	120	< 0.5	< 2	0.09	2.0	< 1	2	7	0.25	< 10	< 1	0.02	< 10	0.01	10	< 1
T32304	201	298	0.8	1.11	30	1540	< 0.5	4	0.73	19.5	4	30	48	1.96	10	2	0.11	20	0.39	225	13
T32305	201	298	< 0.2	0.82	20	670	< 0.5	< 2	0.15	< 0.5	4	17	25	1.97	< 10	< 1	0.08	20	0.14	30	13
T32306	201	298	0.4	0.92	10	1590	< 0.5	< 2	0.49	2.5	8	20	57	2.17	10	2	0.11	30	0.45	195	10
T32307	201	298	0.2	0.55	5	810	< 0.5	< 2	0.40	1.0	< 1	7	13	0.64	< 10	2	0.05	< 10	0.08	45	1
T32308	201	298	< 0.2	0.69	5	370	< 0.5	2	0.01	< 0.5	< 1	14	11	0.78	< 10	1	0.09	30	0.06	15	6
T32309	201	298	0.2	0.88	5	340	< 0.5	4	0.02	< 0.5	< 1	17	12	1.26	< 10	1	0.12	20	0.12	35	7
T32310	201	298	1.4	0.50	5	300	< 0.5	< 2	0.31	3.5	< 1	7	15	0.44	< 10	< 1	0.04	< 10	0.08	25	< 1
T32311	201	298	0.8	1.35	10	1430	< 0.5	< 2	1.57	23.0	7	40	68	1.82	10	4	0.23	20	0.61	210	13
T32312	201	298	< 0.2	0.84	5	1460	< 0.5	< 2	0.66	92.5	2	11	68	0.85	< 10	< 1	0.05	< 10	0.08	260	3
T32313	201	298	0.6	1.41	15	4080	< 0.5	< 2	0.29	59.0	9	25	130	1.52	< 10	3	0.12	10	0.22	735	13
T32314	201	298	2.0	2.01	40	3910	< 0.5	< 2	0.24	23.5	6	54	196	2.64	10	5	0.27	10	0.45	135	24
T32315	201	298	0.6	0.12	< 5	60	< 0.5	4	0.02	< 0.5	< 1	3	3	0.29	< 10	2	0.02	< 10	0.02	15	< 1
T32316	201	298	1.8	0.15	5	190	< 0.5	< 2	0.02	0.5	< 1	3	6	0.35	< 10	1	0.03	< 10	0.02	15	< 1
T32317	201	298	< 0.2	0.35	5	920	< 0.5	< 2	0.01	0.5	< 1	8	12	0.61	< 10	1	0.08	10	0.03	10	6
T32318	201	298	0.8	0.31	< 5	560	< 0.5	< 2	0.06	2.5	< 1	7	12	0.43	< 10	< 1	0.04	< 10	0.03	15	1
T32319	201	298	1.2	0.99	10	3980	< 0.5	< 2	1.77	>100.0	1	13	92	0.93	10	1	0.03	10	0.15	175	3
T32320	201	298	0.2	0.57	5	500	< 0.5	< 2	1.83	91.0	< 1	8	32	0.46	10	1	0.05	< 10	0.17	190	1
T32321	201	298	0.4	1.10	10	2340	< 0.5	< 2	0.52	13.5	4	36	33	1.52	10	1	0.23	30	0.34	120	12
T32323	201	298	0.6	0.70	10	1490	< 0.5	< 2	0.26	1.0	2	16	29	1.34	< 10	2	0.12	10	0.25	60	6
T32324	201	298	1.8	1.01	10	2060	< 0.5	< 2	0.38	0.5	6	20	55	1.62	< 10	4	0.15	20	0.25	170	9
T32325	201	298	1.8	0.71	5	500	< 0.5	< 2	0.10	0.5	1	10	59	1.62	< 10	3	0.10	10	0.09	40	6
T32326	201	298	0.4	0.31	< 5	230	< 0.5	< 2	0.01	< 0.5	< 1	9	15	0.45	< 10	< 1	0.05	10	0.02	10	< 1
T32327	201	298	0.2	0.27	5	140	< 0.5	< 2	0.01	< 0.5	< 1	4	7	0.48	< 10	< 1	0.05	< 10	0.03	10	1
T32328	201	298	1.0	0.81	5	570	< 0.5	< 2	0.01	< 0.5	< 1	13	27	0.52	10	1	0.13	40	0.06	15	1
T32329	201	298	3.8	0.49	15	2580	< 0.5	< 2	0.01	< 0.5	< 1	10	12	0.70	< 10	< 1	0.07	10	0.03	10	19
T32330	201	298	0.2	0.83	15	3590	< 0.5	2	0.02	< 0.5	< 1	18	25	1.99	< 10	2	0.15	20	0.10	20	23
T32331	201	298	3.4	0.82	15	4070	< 0.5	2	0.02	< 0.5	< 1	16	33	1.14	< 10	3	0.09	10	0.09	20	7
T32332	201	298	2.0	1.32	15	4220	< 0.5	2	0.03	1.0	< 1	16	66	1.61	< 10	< 1	0.08	10	0.16	25	6
T32333	201	298	2.0	1.00	10	2040	< 0.5	< 2	0.18	2.0	3	17	59	1.45	< 10	2	0.10	10	0.25	190	7
T32334	201	298	1.0	0.84	10	2010	< 0.5	< 2	0.16	0.5	11	15	59	1.79	< 10	1	0.09	10	0.28	290	9
T32335	201	298	2.0	0.43	10	480	< 0.5	< 2	0.12	1.0	< 1	5	55	0.53	< 10	3	0.04	< 10	0.05	15	< 1
T32336	201	298	0.4	0.10	< 5	90	< 0.5	2	0.03	< 0.5	< 1	2	5	0.25	< 10	1	0.02	< 10	0.01	10	< 1
T32337	201	298	2.0	0.73	5	890	< 0.5	< 2	0.11	1.5	< 1	13	55	0.63	< 10	1	0.09	< 10	0.08	15	1
T32338	201	298	2.2	1.15	5	2810	< 0.5	< 2	0.13	1.5	< 1	24	54	1.04	< 10	2	0.19	10	0.24	40	3

CERTIFICATION: B. Caplan

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Project : NR (FALCON)
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CERTIFICATE OF ANALYSIS A9120620

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T32200	201	298	< 0.01	45	1620	16	5	2	30	0.01	< 10	< 10	289	< 10	408
T32276	205	294	< 0.01	6	230	< 2	5	< 1	4370	< 0.01	< 10	< 10	645	40	286
T32277	201	298	0.03	56	3190	< 2	15	1	37	0.01	< 10	< 10	196	< 10	1015
T32301	201	298	0.01	334	1460	8	< 5	3	144	0.01	< 10	< 10	444	10	5620
T32302	201	298	0.01	289	1580	4	< 5	4	75	0.01	< 10	< 10	507	10	4830
T32303	201	298	0.05	14	220	< 2	< 5	< 1	10	0.01	< 10	< 10	18	< 10	186
T32304	201	298	< 0.01	167	1620	10	5	2	64	< 0.01	< 10	10	380	< 10	2750
T32305	201	298	< 0.01	41	760	20	< 5	1	24	< 0.01	< 10	< 10	148	< 10	320
T32306	201	298	< 0.01	61	1720	10	< 5	3	48	0.01	< 10	< 10	134	< 10	430
T32307	201	298	0.03	9	500	< 2	< 5	< 1	36	0.01	< 10	< 10	55	< 10	72
T32308	201	298	< 0.01	11	240	10	< 5	< 1	12	0.01	< 10	< 10	132	< 10	86
T32309	201	298	0.01	12	510	6	< 5	1	14	0.01	< 10	< 10	190	< 10	114
T32310	201	298	0.06	32	480	4	< 5	< 1	23	0.01	< 10	< 10	62	< 10	346
T32311	201	298	0.01	451	1690	6	< 5	3	105	0.01	< 10	< 10	400	10	7510
T32312	201	298	0.03	326	980	< 2	< 5	< 1	75	0.01	< 10	10	121	< 10	3580
T32313	201	298	0.02	222	2250	10	< 5	1	50	< 0.01	< 10	10	267	< 10	2470
T32314	201	298	0.01	165	2970	10	10	3	60	0.01	< 10	10	528	< 10	1605
T32315	201	298	0.06	< 1	200	< 2	< 5	< 1	4	< 0.01	< 10	< 10	27	< 10	14
T32316	201	298	0.06	< 1	210	< 2	< 5	< 1	4	0.01	< 10	< 10	30	< 10	12
T32317	201	298	0.05	8	230	< 2	< 5	< 1	16	0.01	< 10	< 10	116	< 10	62
T32318	201	298	0.02	6	660	< 2	< 5	< 1	11	< 0.01	< 10	< 10	61	< 10	62
T32319	201	298	< 0.01	546	1610	8	< 5	2	183	< 0.01	< 10	40	85	10	6420
T32320	201	298	0.03	426	880	< 2	< 5	< 1	104	< 0.01	< 10	< 10	80	10	5700
T32321	201	298	< 0.01	88	1640	10	< 5	2	59	0.01	< 10	< 10	398	< 10	1345
T32323	201	298	0.02	33	830	8	< 5	1	42	0.01	< 10	< 10	130	< 10	256
T32324	201	298	0.01	36	1580	2	< 5	2	77	< 0.01	< 10	< 10	168	< 10	274
T32325	201	298	0.04	29	870	4	< 5	< 1	37	0.01	< 10	< 10	95	< 10	198
T32326	201	298	0.04	2	440	< 2	< 5	< 1	6	< 0.01	< 10	< 10	32	< 10	24
T32327	201	298	0.06	< 1	210	< 2	< 5	< 1	9	0.01	< 10	< 10	36	< 10	16
T32328	201	298	< 0.01	3	360	< 2	< 5	1	6	< 0.01	< 10	< 10	54	< 10	32
T32329	201	298	0.03	10	330	2	< 5	< 1	35	0.01	< 10	< 10	180	< 10	74
T32330	201	298	0.01	20	930	8	5	< 1	49	0.01	< 10	< 10	242	< 10	214
T32331	201	298	0.03	12	700	6	< 5	< 1	37	< 0.01	< 10	< 10	117	< 10	110
T32332	201	298	0.01	20	1130	8	< 5	2	39	0.01	< 10	< 10	121	< 10	210
T32333	201	298	< 0.01	40	1510	8	5	2	60	< 0.01	< 10	< 10	156	< 10	354
T32334	201	298	0.01	31	1180	< 2	< 5	1	61	< 0.01	< 10	< 10	153	< 10	244
T32335	201	298	0.02	15	1060	2	< 5	< 1	25	< 0.01	< 10	< 10	41	< 10	56
T32336	201	298	0.05	1	240	< 2	< 5	< 1	4	0.01	< 10	< 10	11	< 10	8
T32337	201	298	0.02	16	1650	< 2	< 5	1	34	< 0.01	< 10	< 10	140	< 10	68
T32338	201	298	0.02	24	1220	12	< 5	1	64	0.01	< 10	< 10	254	< 10	136

CERTIFICATION: B. Campbell

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CERTIFICATE OF ANALYSIS A9120620

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T32339	201	298	1.2	1.06	10	3040	< 0.5	4	0.12	2.0	4	22	91	1.44	< 10	2	0.16	10	0.24	230	11
T32340	201	298	0.6	1.07	15	2370	< 0.5	< 2	0.16	3.5	2	16	201	1.60	< 10	< 1	0.13	10	0.34	40	5
T32341	201	298	0.8	0.70	< 5	2550	< 0.5	< 2	1.86	11.0	40	9	118	1.08	< 10	< 1	0.07	10	0.13	1625	3
T32342	201	298	0.4	1.10	15	860	< 0.5	< 2	1.60	1.5	6	21	39	1.76	10	1	0.16	20	0.45	175	7
T32343	201	298	0.4	0.40	< 5	530	< 0.5	< 2	3.16	0.5	1	4	48	0.24	10	1	0.02	10	0.06	65	< 1
T32344	201	298	2.6	0.74	5	440	< 0.5	2	0.49	< 0.5	4	11	31	0.42	< 10	< 1	0.11	< 10	0.09	185	2
T32347	201	298	0.2	0.98	20	190	< 0.5	< 2	1.18	7.0	132	15	139	6.92	< 10	< 1	0.02	< 10	0.21	4800	< 1
T32348	201	298	< 0.2	1.22	< 5	300	< 0.5	< 2	0.17	11.0	210	7	479	>15.00	< 10	< 1	0.04	< 10	0.09	7280	< 1
T32349	201	298	< 0.2	3.48	< 5	190	< 0.5	< 2	0.05	12.5	227	7	1105	>15.00	< 10	< 1	0.03	< 10	0.08	9580	< 1
T32350	201	298	2.8	2.57	10	50	< 0.5	< 2	0.06	< 0.5	50	5	512	12.95	< 10	< 1	0.02	< 10	0.04	1820	1
T32351	201	298	2.8	0.19	5	30	< 0.5	2	0.02	< 0.5	< 1	1	25	0.43	< 10	2	0.01	< 10	0.02	20	< 1
T32352	201	298	1.6	1.33	15	650	< 0.5	< 2	0.04	1.0	7	13	429	1.88	< 10	< 1	0.11	10	0.27	135	6
T32353	201	298	0.8	1.71	15	410	< 0.5	2	0.08	1.0	4	18	392	1.61	< 10	< 1	0.14	10	0.45	90	7
T32354	201	298	0.8	1.27	20	450	< 0.5	2	0.05	1.5	5	18	222	1.14	< 10	1	0.15	10	0.42	60	4
T32355	201	298	0.8	1.30	5	420	< 0.5	< 2	0.08	0.5	6	21	101	1.62	< 10	3	0.17	20	0.52	135	5
T32356	201	298	1.4	1.01	10	470	< 0.5	4	0.09	2.0	1	16	105	1.01	< 10	2	0.12	10	0.31	35	1
T32357	201	298	1.4	0.64	20	270	< 0.5	< 2	0.03	0.5	20	12	66	1.14	< 10	< 1	0.07	10	0.20	755	4
T32358	201	298	1.6	0.62	5	320	< 0.5	< 2	0.03	1.0	5	11	66	0.88	< 10	1	0.08	10	0.15	155	3
T32359	201	298	0.6	0.58	< 5	1050	< 0.5	< 2	0.41	1.5	1	10	18	0.98	< 10	1	0.09	10	0.12	45	2
T32360	201	298	0.6	1.21	5	1620	< 0.5	< 2	1.25	9.5	4	20	50	1.60	10	< 1	0.15	10	0.41	105	5
T32361	201	298	0.8	2.01	35	3620	< 0.5	< 2	0.31	1.0	3	40	60	2.89	10	3	0.21	20	0.39	80	14
T32373	201	298	1.8	1.23	15	1110	< 0.5	4	0.09	< 0.5	2	20	39	2.57	< 10	< 1	0.15	10	0.33	60	8
T32374	201	298	0.6	0.12	< 5	30	< 0.5	< 2	0.02	< 0.5	< 1	1	4	0.42	< 10	1	0.02	< 10	0.02	15	< 1
T32375	201	298	1.2	0.42	< 5	480	< 0.5	4	0.01	< 0.5	< 1	7	8	0.68	< 10	2	0.06	20	0.03	20	1
T32376	201	298	0.4	0.34	5	160	< 0.5	< 2	0.01	< 0.5	< 1	6	8	0.61	< 10	1	0.06	10	0.03	20	1
T32377	201	298	0.8	0.77	5	930	< 0.5	< 2	0.09	0.5	1	16	36	1.56	< 10	< 1	0.12	10	0.22	70	5
T32378	201	298	0.8	1.54	30	2210	< 0.5	< 2	1.44	80.5	46	20	112	2.36	10	< 1	0.14	10	0.38	5690	15
T32379	201	298	1.2	1.01	10	1220	< 0.5	< 2	1.07	5.0	7	13	82	1.21	10	2	0.11	10	0.33	615	3
T32380	201	298	0.6	0.49	10	1190	< 0.5	< 2	0.03	0.5	< 1	13	27	1.04	< 10	1	0.07	10	0.03	20	8
T32381	201	298	3.0	0.68	285	2400	< 0.5	< 2	1.43	>100.0	1025	18	63	10.50	10	< 1	0.12	< 10	0.12	>10000	719
T32382	201	298	1.0	0.40	< 5	220	< 0.5	< 2	0.01	5.5	3	11	10	0.45	< 10	1	0.07	10	0.03	125	5
T32383	201	298	0.8	0.54	15	1110	< 0.5	2	1.72	68.0	2	12	37	0.54	< 10	2	0.06	10	0.19	200	3
T32384	201	298	1.0	1.68	5	3020	< 0.5	< 2	0.99	16.0	18	43	77	1.95	10	3	0.24	20	0.27	620	9
T32385	201	298	1.2	1.64	35	3330	< 0.5	< 2	1.11	17.0	12	47	88	2.13	10	1	0.23	20	0.31	355	10
T32386	201	298	2.4	1.43	20	2530	< 0.5	< 2	1.19	18.0	63	33	115	1.84	10	2	0.16	10	0.23	1300	8
T32387	201	298	1.0	0.64	10	2770	< 0.5	4	1.24	10.0	1	20	56	1.16	10	4	0.14	20	0.20	90	6
T32388	201	298	0.8	0.47	10	730	< 0.5	2	1.02	1.5	< 1	11	20	0.68	< 10	1	0.08	10	0.19	20	2
T32389	201	298	0.2	0.10	< 5	90	< 0.5	2	0.08	< 0.5	< 1	1	2	0.18	< 10	1	0.02	< 10	0.02	10	< 1
T32390	201	298	0.6	0.78	5	2920	< 0.5	< 2	0.62	6.0	7	16	33	1.26	< 10	< 1	0.11	10	0.10	300	4
T32391	201	298	2.0	1.49	35	3220	< 0.5	4	1.02	36.0	6	35	142	2.03	10	< 1	0.23	20	0.28	155	15

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T32339	201	298	0.01	32	1590	12	5	1	62	< 0.01	< 10	< 10	289	< 10	178
T32340	201	298	0.01	39	1180	14	< 5	3	60	< 0.01	< 10	< 10	106	< 10	228
T32341	201	298	0.01	64	1300	4	< 5	2	123	< 0.01	< 10	< 10	42	< 10	344
T32342	201	298	0.01	51	1350	6	< 5	3	83	< 0.01	< 10	< 10	163	< 10	408
T32343	201	298	0.01	29	1060	< 2	5	< 1	179	< 0.01	< 10	< 10	9	< 10	80
T32344	201	298	0.06	10	860	2	< 5	1	48	< 0.01	< 10	< 10	73	< 10	60
T32347	201	298	0.02	737	840	4	< 5	1	295	0.01	< 10	< 10	14	< 10	3100
T32348	201	298	< 0.01	419	950	34	< 5	3	55	< 0.01	< 10	< 10	24	< 10	2400
T32349	201	298	< 0.01	397	510	38	< 5	4	16	< 0.01	< 10	< 10	24	< 10	1945
T32350	201	298	0.01	56	1160	12	< 5	5	12	0.01	< 10	< 10	19	< 10	572
T32351	201	298	0.03	3	180	< 2	< 5	< 1	4	0.01	< 10	< 10	18	< 10	12
T32352	201	298	0.01	49	1290	10	5	2	31	< 0.01	< 10	< 10	90	< 10	288
T32353	201	298	0.01	59	1150	2	< 5	2	22	< 0.01	< 10	< 10	132	< 10	386
T32354	201	298	0.01	41	980	2	< 5	2	26	< 0.01	< 10	< 10	133	< 10	240
T32355	201	298	< 0.01	33	1150	8	< 5	1	27	< 0.01	< 10	< 10	173	< 10	256
T32356	201	298	0.01	21	1130	< 2	< 5	2	29	< 0.01	< 10	< 10	118	< 10	128
T32357	201	298	0.01	16	980	< 2	< 5	1	17	< 0.01	< 10	< 10	75	< 10	112
T32358	201	298	0.02	14	1030	8	< 5	< 1	15	< 0.01	< 10	< 10	86	< 10	96
T32359	201	298	0.04	15	600	< 2	< 5	< 1	26	0.01	< 10	< 10	75	< 10	136
T32360	201	298	< 0.01	78	1450	18	5	2	190	< 0.01	< 10	< 10	152	< 10	1045
T32361	201	298	< 0.01	52	1290	18	< 5	3	53	0.01	< 10	< 10	360	< 10	538
T32373	201	298	0.01	36	1710	6	< 5	1	16	0.01	< 10	< 10	160	< 10	328
T32374	201	298	0.05	< 1	100	2	< 5	< 1	4	0.02	< 10	< 10	17	< 10	8
T32375	201	298	0.02	3	230	2	< 5	< 1	4	0.01	< 10	< 10	45	< 10	30
T32376	201	298	0.02	5	230	< 2	< 5	< 1	7	0.01	< 10	< 10	46	< 10	46
T32377	201	298	0.02	28	720	6	< 5	1	44	< 0.01	< 10	< 10	106	< 10	218
T32378	201	298	0.01	652	1900	10	< 5	3	232	< 0.01	< 10	10	180	10	7200
T32379	201	298	0.02	182	1010	2	< 5	2	249	0.01	< 10	< 10	100	< 10	934
T32380	201	298	0.02	11	1400	12	< 5	< 1	32	< 0.01	< 10	< 10	113	< 10	106
T32381	201	298	< 0.01	2580	>10000	14	35	3	174	< 0.01	10	30	400	60	>10000
T32382	201	298	0.02	14	250	< 2	< 5	< 1	8	0.01	< 10	< 10	96	< 10	140
T32383	201	298	0.01	198	1230	< 2	< 5	1	147	< 0.01	< 10	20	104	< 10	1120
T32384	201	298	0.01	85	1470	16	< 5	3	132	< 0.01	< 10	< 10	440	< 10	960
T32385	201	298	0.01	91	1820	18	5	4	160	< 0.01	< 10	10	503	< 10	1080
T32386	201	298	0.01	94	1610	2	< 5	3	144	< 0.01	< 10	20	333	< 10	740
T32387	201	298	0.02	48	1850	12	5	2	163	0.01	< 10	< 10	189	< 10	388
T32388	201	298	0.03	14	540	6	< 5	1	88	0.01	< 10	< 10	89	< 10	100
T32389	201	298	0.06	1	180	< 2	< 5	< 1	11	< 0.01	< 10	< 10	8	< 10	12
T32390	201	298	0.02	25	1010	6	< 5	1	97	0.01	< 10	< 10	201	< 10	210
T32391	201	298	0.01	436	2310	12	< 5	2	159	< 0.01	< 10	< 10	376	< 10	3500

CERTIFICATION: B. Caughlin

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T32392	201	298	1.8	1.17	25	3510	< 0.5	< 2	0.35	12.0	5	12	78	2.00	10	2	0.16	10	0.12	70	15
T32393	201	298	1.6	0.23	< 5	170	< 0.5	< 2	0.01	< 0.5	1	3	5	0.40	< 10	1	0.05	< 10	0.02	10	2
T32394	201	298	1.6	0.70	25	1950	< 0.5	< 2	0.11	4.5	1	14	110	1.22	< 10	3	0.08	< 10	0.03	25	28
T32395	201	298	2.2	1.79	145	2860	< 0.5	< 2	0.62	14.5	3	62	265	3.30	10	8	0.23	30	0.14	60	60
T32396	201	298	2.2	2.93	405	2790	< 0.5	< 2	0.20	9.0	5	100	310	4.31	10	9	0.23	30	0.14	45	134
T32397	201	298	1.0	0.22	5	490	< 0.5	< 2	0.01	< 0.5	1	5	16	0.50	< 10	1	0.05	< 10	0.02	10	5
T32398	201	298	1.8	0.17	5	460	< 0.5	< 2	0.03	1.0	1	7	16	0.53	< 10	1	0.04	< 10	0.02	15	5
T32399	201	298	1.2	0.85	< 5	4480	< 0.5	< 2	0.07	2.5	< 1	30	98	0.72	< 10	2	0.07	10	0.04	5	11
T32400	201	298	1.2	0.66	5	960	< 0.5	< 2	0.05	1.5	< 1	5	81	0.50	< 10	< 1	0.03	< 10	0.02	10	< 1
T32402	201	298	1.8	0.47	< 5	1780	< 0.5	< 2	0.05	1.5	1	8	49	0.84	< 10	< 1	0.04	< 10	0.02	10	7
T32403	201	298	1.2	0.28	< 5	310	< 0.5	< 2	0.01	0.5	< 1	7	16	0.61	< 10	2	0.05	< 10	0.02	10	6
T32404	201	298	1.2	0.43	15	220	< 0.5	< 2	< 0.01	< 0.5	< 1	4	36	0.61	< 10	< 1	0.08	< 10	0.02	10	7
T32405	201	298	3.4	0.11	< 5	90	< 0.5	< 2	0.02	< 0.5	< 1	2	5	0.33	< 10	< 1	0.02	< 10	0.01	10	< 1
T32406	201	298	3.6	0.33	< 5	1690	< 0.5	< 2	0.01	< 0.5	1	11	10	0.46	< 10	2	0.04	< 10	0.01	5	6
T32407	201	298	0.6	0.26	< 5	1660	< 0.5	< 2	0.02	< 0.5	2	22	7	0.48	< 10	1	0.04	10	0.02	10	4
T32408	201	298	0.2	0.91	25	3080	< 0.5	< 2	0.04	1.5	2	65	58	1.38	< 10	8	0.11	20	0.04	5	37
T32409	201	298	1.0	0.23	< 5	230	< 0.5	< 2	0.02	< 0.5	< 1	10	5	0.31	< 10	< 1	0.05	10	0.02	10	1
T32410	201	298	7.0	0.14	< 5	90	< 0.5	< 2	0.02	< 0.5	< 1	2	2	0.35	< 10	< 1	0.02	< 10	0.01	10	< 1
T32411	201	298	2.2	0.09	< 5	230	< 0.5	< 2	0.02	0.5	1	2	4	0.23	< 10	1	0.03	< 10	0.01	10	< 1
T32412	201	298	0.8	0.67	5	3190	< 0.5	< 2	0.05	2.0	1	27	47	1.11	< 10	1	0.10	20	0.06	15	24
T32413	201	298	2.2	0.43	5	880	< 0.5	< 2	0.04	1.0	< 1	7	73	0.75	< 10	< 1	0.06	< 10	0.01	10	11
T32414	201	298	2.2	0.13	< 5	90	< 0.5	< 2	0.01	< 0.5	< 1	3	2	0.40	< 10	< 1	0.03	< 10	0.01	10	1
T32415	201	298	1.8	0.07	< 5	30	< 0.5	< 2	0.02	< 0.5	< 1	1	1	0.31	< 10	< 1	0.02	< 10	0.01	10	< 1
T32416	201	298	0.2	0.11	< 5	20	< 0.5	< 2	0.02	< 0.5	< 1	1	1	0.33	< 10	< 1	0.02	< 10	0.01	10	< 1
T32417	201	298	0.8	0.75	25	1970	< 0.5	< 2	0.05	1.5	1	36	71	1.57	10	4	0.12	20	0.05	10	73
T32418	201	298	0.2	0.74	5	270	< 0.5	< 2	< 0.01	< 0.5	1	23	18	0.93	10	< 1	0.10	20	0.07	10	9
T32419	201	298	3.2	0.33	< 5	170	< 0.5	< 2	0.02	0.5	1	4	29	0.43	< 10	1	0.03	< 10	0.02	10	< 1
T32420	201	298	0.4	1.15	5	730	< 0.5	< 2	0.53	< 0.5	7	25	127	2.22	10	< 1	0.25	20	0.18	60	8
T32421	201	298	3.2	1.49	20	2150	< 0.5	< 2	1.30	3.5	8	44	383	4.02	20	< 1	0.39	30	0.32	90	16
T32422	201	298	2.8	0.76	5	1530	< 0.5	4	1.58	12.5	4	16	135	1.88	10	1	0.15	10	0.26	140	16
T32423	201	298	0.6	0.72	5	1750	< 0.5	< 2	0.58	13.5	6	21	45	2.39	10	3	0.14	20	0.21	100	16
T32424	201	298	2.8	0.65	15	2390	< 0.5	< 2	0.07	2.0	2	22	61	1.79	< 10	< 1	0.11	20	0.06	20	26
T32425	201	298	0.8	0.46	15	2690	< 0.5	< 2	0.03	0.5	< 1	21	43	1.38	< 10	< 1	0.09	20	0.04	20	23
T32426	201	298	1.4	0.33	15	1170	< 0.5	< 2	0.02	< 0.5	< 1	16	12	0.61	< 10	< 1	0.06	20	0.02	15	7
T32427	201	298	2.2	0.14	< 5	170	< 0.5	< 2	0.02	< 0.5	< 1	3	3	0.39	< 10	< 1	0.03	< 10	0.01	15	< 1
T32428	201	298	0.6	0.09	< 5	20	< 0.5	< 2	0.01	< 0.5	< 1	1	< 1	0.27	< 10	< 1	0.02	< 10	0.01	10	< 1
T32429	201	298	1.4	0.18	< 5	210	< 0.5	< 2	0.02	< 0.5	< 1	7	10	0.51	< 10	< 1	0.03	< 10	0.01	10	5
T32430	201	298	0.6	0.08	< 5	30	< 0.5	< 2	0.02	< 0.5	1	< 1	< 1	0.28	< 10	< 1	0.02	< 10	0.01	10	< 1
T32431	201	298	1.0	0.97	15	3100	< 0.5	< 2	0.28	9.0	6	32	78	2.85	10	1	0.12	30	0.15	200	39
T32432	201	298	< 0.2	0.13	560	870	< 0.5	< 2	1.15	>100.0	244	31	34	>15.00	30	< 1	0.01	< 10	0.19	>10000	69

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ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR (FALCON)
Comments:

Page N... :4-B
Total Pa... :5
Certificate Date: 03-SEP-91
Invoice No. : I9120620
P.O. Number :

CERTIFICATE OF ANALYSIS A9120620

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T32392	201	298	< 0.01	81	3540	16	5	2	95	< 0.01	< 10	< 10	135	10	556
T32393	201	298	0.04	2	230	< 2	< 5	< 1	5	0.01	< 10	< 10	51	< 10	28
T32394	201	298	0.03	25	1630	6	10	1	129	0.01	< 10	< 10	264	< 10	102
T32395	201	298	< 0.01	106	6420	18	35	7	320	0.04	< 10	10	1200	10	578
T32396	201	298	< 0.01	92	5830	12	35	10	251	0.07	< 10	30	1675	10	582
T32397	201	298	0.05	6	220	< 2	< 5	< 1	9	0.01	< 10	< 10	116	< 10	58
T32398	201	298	0.04	5	220	< 2	< 5	< 1	8	0.03	< 10	< 10	139	< 10	38
T32399	201	298	0.01	19	3300	< 2	5	< 1	78	< 0.01	< 10	10	418	< 10	68
T32400	201	298	0.02	8	1490	4	< 5	< 1	13	< 0.01	< 10	< 10	31	< 10	24
T32402	201	298	0.02	11	1900	< 2	< 5	< 1	27	< 0.01	< 10	10	64	< 10	38
T32403	201	298	0.03	7	450	6	< 5	< 1	20	0.01	< 10	< 10	81	< 10	54
T32404	201	298	< 0.01	8	500	14	5	1	25	< 0.01	< 10	< 10	27	< 10	72
T32405	201	298	0.04	3	150	< 2	< 5	< 1	4	0.01	< 10	< 10	22	< 10	6
T32406	201	298	0.05	3	390	6	< 5	< 1	24	0.02	< 10	< 10	177	< 10	16
T32407	201	298	0.03	4	390	6	< 5	< 1	42	0.06	< 10	< 10	350	< 10	20
T32408	201	298	0.01	11	2530	10	10	< 1	149	0.03	< 10	< 10	996	< 10	66
T32409	201	298	0.04	4	220	< 2	< 5	< 1	7	0.01	< 10	< 10	58	< 10	20
T32410	201	298	0.04	3	200	< 2	< 5	< 1	5	0.02	< 10	< 10	18	< 10	6
T32411	201	298	0.06	4	220	2	< 5	< 1	5	0.01	< 10	< 10	13	< 10	6
T32412	201	298	0.01	25	1580	4	5	< 1	75	< 0.01	< 10	< 10	318	< 10	170
T32413	201	298	0.03	10	1380	42	< 5	< 1	41	< 0.01	< 10	< 10	60	< 10	48
T32414	201	298	0.03	2	310	< 2	< 5	< 1	9	< 0.01	< 10	< 10	49	< 10	10
T32415	201	298	0.03	1	140	< 2	< 5	< 1	4	0.01	< 10	< 10	18	< 10	6
T32416	201	298	0.03	1	180	< 2	< 5	< 1	3	0.01	< 10	< 10	18	< 10	6
T32417	201	298	< 0.01	29	1820	16	10	1	158	< 0.01	< 10	10	621	< 10	232
T32418	201	298	< 0.01	29	530	< 2	< 5	< 1	11	< 0.01	< 10	< 10	140	< 10	188
T32419	201	298	0.03	5	1060	2	< 5	< 1	5	< 0.01	< 10	< 10	26	< 10	12
T32420	201	298	0.02	64	3860	10	< 5	2	110	< 0.01	< 10	< 10	122	< 10	452
T32421	201	298	< 0.01	117	7580	18	5	5	260	< 0.01	< 10	< 10	252	10	956
T32422	201	298	0.01	85	3350	6	< 5	2	193	< 0.01	< 10	< 10	125	10	1170
T32423	201	298	0.01	133	1950	4	< 5	2	80	< 0.01	< 10	< 10	161	< 10	1165
T32424	201	298	0.01	54	1560	20	10	1	84	< 0.01	< 10	< 10	283	< 10	392
T32425	201	298	< 0.01	33	1170	12	5	< 1	73	< 0.01	< 10	< 10	244	< 10	272
T32426	201	298	0.02	10	680	12	< 5	< 1	36	0.03	< 10	< 10	219	< 10	68
T32427	201	298	0.05	3	210	2	< 5	< 1	8	0.02	< 10	< 10	36	< 10	6
T32428	201	298	0.02	< 1	140	< 2	< 5	< 1	4	0.01	< 10	< 10	12	< 10	4
T32429	201	298	0.02	9	240	6	< 5	< 1	12	0.01	< 10	< 10	95	< 10	58
T32430	201	298	0.04	2	220	< 2	< 5	< 1	3	< 0.01	< 10	< 10	11	< 10	4
T32431	201	298	0.01	122	1840	16	5	3	76	< 0.01	< 10	< 10	295	10	894
T32432	201	298	< 0.01	4920	>10000	14	< 5	1	174	< 0.01	10	50	509	170	>10000

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ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR (FALCON)
Comments:

Page No. :5-A
Total Pages :5
Certificate Date: 03-SEP-91
Invoice No. :I9120620
P.O. Number :

CERTIFICATE OF ANALYSIS A9120620

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
T32433	201	298	1.4	1.02	25	3260	< 0.5	< 2	0.96	40.5	27	19	96	6.74	20	1	0.13	40	0.55	655	16
T32434	201	298	0.4	0.35	20	1000	< 0.5	< 2	1.19	12.5	1	56	34	1.01	10	< 1	0.03	< 10	0.45	115	8
T32435	201	298	1.2	0.13	< 5	120	< 0.5	2	0.02	< 0.5	< 1	12	9	0.50	< 10	< 1	0.03	< 10	0.01	15	2
T32436	201	298	0.8	0.10	< 5	10	< 0.5	< 2	0.02	< 0.5	< 1	< 1	1	0.37	< 10	< 1	0.01	< 10	0.01	15	< 1
T32437	201	298	0.4	1.70	< 5	2870	< 0.5	< 2	0.76	6.0	7	65	80	2.54	20	< 1	0.33	30	0.31	70	14
T32438	201	298	1.0	0.66	< 5	3060	< 0.5	< 2	1.21	21.0	2	9	47	0.74	10	< 1	0.06	10	0.23	105	9
T32439	201	298	3.4	1.07	25	2040	< 0.5	< 2	0.21	4.5	2	24	70	1.64	10	1	0.18	20	0.16	30	19
T32440	201	298	3.2	0.71	40	3380	< 0.5	< 2	0.72	10.5	7	15	135	1.98	10	1	0.14	30	0.18	135	36
T32441	201	298	0.8	0.53	10	420	< 0.5	2	0.01	0.5	< 1	18	27	1.04	< 10	< 1	0.09	20	0.04	10	13
T32442	201	298	0.6	0.43	20	410	< 0.5	< 2	0.01	< 0.5	2	17	26	1.04	< 10	< 1	0.08	20	0.03	15	16

CERTIFICATION: B. Caplan

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Project : NR (FALCON)
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Certificate Date: 03-SEP-91
Invoice No. : I9120620
P.O. Number :

CERTIFICATE OF ANALYSIS A9120620

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T32433	201	298	< 0.01	230	2390	22	< 5	12	99	< 0.01	< 10	< 10	184	20	2940
T32434	201	298	0.02	81	2080	2	< 5	< 1	79	< 0.01	< 10	< 10	108	< 10	672
T32435	201	298	0.01	12	260	< 2	< 5	< 1	9	0.01	< 10	< 10	55	< 10	88
T32436	201	298	0.02	2	100	< 2	< 5	< 1	5	0.01	< 10	< 10	14	< 10	8
T32437	201	298	0.01	98	5400	16	< 5	4	209	< 0.01	< 10	< 10	261	< 10	572
T32438	201	298	0.01	55	1810	2	5	1	100	< 0.01	< 10	< 10	130	< 10	486
T32439	201	298	0.01	50	2380	6	5	1	57	< 0.01	< 10	< 10	311	< 10	460
T32440	201	298	< 0.01	71	2270	18	10	2	104	< 0.01	< 10	< 10	214	< 10	806
T32441	201	298	0.01	23	1000	12	< 5	< 1	32	< 0.01	< 10	< 10	182	< 10	146
T32442	201	298	0.01	21	810	6	< 5	< 1	32	0.01	< 10	< 10	208	< 10	160

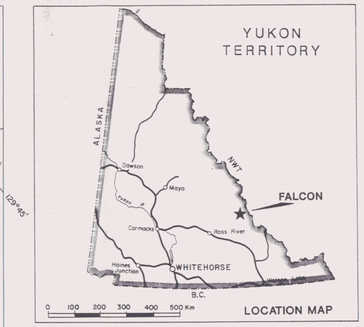
CERTIFICATION: B. Caughlin

GRID 2 (see Figure 15 for detail)

PLACER DOME OP CLAIMS

FALCON 1-180 CLAIMS

PELLY RIVER



LOCATION MAP

SYMBOLS

- silt sample
- soil sample
- rock sample
- tufa sample
- GSC silt sample
- GSC rock sample
- Geological station
- claim posts (tagged)
- claim posts (not tagged)

Figure 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SAMPLE LOCATION

FALCON – NORTHWEST

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

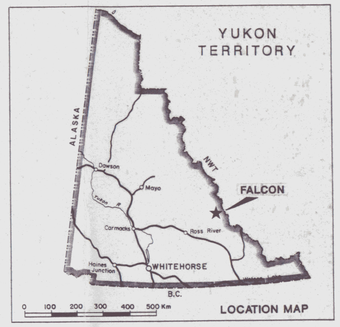
SCALE 1:10,000

0 500 1000 Metres

0 500 1000 2000 3000 Feet

092092
DOE 092092 (343)
MAP# 105F/12

To accompany report dated Nov. 91



PLACER DOME
OP CLAIMS

PLACER DOME
OP CLAIMS

GRID I (see Figure 10 for detail)

FALCON 1-180 CLAIMS

DON CREEK

SYMBOLS

- silt sample
- soil sample
- rock sample
- tufa sample
- GSC silt sample
- GSC rock sample
- Geological station
- claim posts (tagged)
- claim posts (not tagged)

092992

Figure 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SAMPLE LOCATION

FALCON – SOUTHEAST
FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

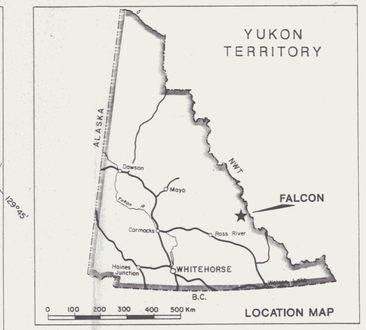
SCALE 1:10,000

0 500 1000 Metres

0 500 1000 2000 3000 Feet

MAP # 1057/12 (344)

To accompany report dated Nov. 1991



LOCATION MAP

FALCON PROPERTY

PELLY RIVER

LEGEND

STRATIGRAPHY

UPPER DEVONIAN TO MISSISSIPPIAN:
UPPER EARN GROUP

- uDM — undivided
- uDMss — brown weathering silty shale and siltstone (distal turbidites)
- uDMtb — brown weathering silty sandstone and shale (proximal turbidites)

MIDDLE TO UPPER DEVONIAN:
LOWER EARN GROUP

- mD — undivided
- mDba — dark grey laminated barite
- mDsc — silvery grey weathering siliceous black shale and cherty argillite
- mDcg — dark grey to black weathering chert granule siltstone, pebbly mudstone and fine-grained conglomerate (debris flows and turbidites)
- mDca — black chert, cherty argillite
- mDss — grey to rusty-grey weathering silty shale

ORDOVICIAN TO LOWER DEVONIAN:
ROAD RIVER GROUP

- OSD — undivided
- OSDsm — brown weathering silty mudstone with scattered orange weathering ferroan dolomite and/or grey weathering limestone intervals
- OSDca — very carbonaceous cherty argillite and thin-bedded black chert
- OSDfs — very soft fissile black shale, commonly graptolitic
- OSDds — orange brown weathering dolomitic siltstone to silty mudstone
- OSDps — non-siliceous, grey weathering black shale with thin dolomitic siltstone "pinstripes"

SYMBOLS

- geological contact (defined, approximate, inferred)
- favourable Lower Devonian stratigraphic horizon (defined, approximate, inferred)
- normal fault (down-dropped side shown)
- bedding attitude
- cleavage attitude
- anticline (upright, overturned)
- syncline (upright, overturned)
- bright green "zinc" moss
- tufa deposit
- ferricrete deposit
- graptolite locality
- trilobite locality
- geological data point

092992

Figure 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

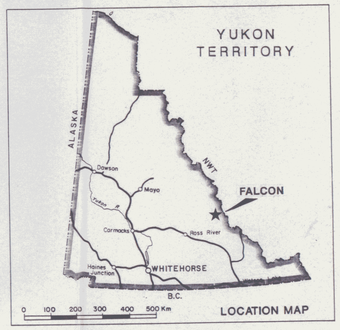
GEOLOGY

FALCON – NORTHWEST

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:10,000
0 500 1000 Metres
0 500 1000 2000 3000 Feet

MAP# 1057-12 (345)
To accompany report dated Nov. 1991



FALCON CLAIMS

LEGEND

STRATIGRAPHY

UPPER DEVONIAN TO MISSISSIPPIAN:
UPPER EARN GROUP

- uDM — undivided
- uDMss — brown weathering silty shale and siltstone (distal turbidites)
- uDMtb — brown weathering silty sandstone and shale (proximal turbidites)

MIDDLE TO UPPER DEVONIAN:
LOWER EARN GROUP

- mD — undivided
- mDba — dark grey laminated barite
- mDsc — silvery grey weathering siliceous black shale and cherty argillite
- mDcg — dark grey to black weathering chert granule siltstone, pebbly mudstone and fine-grained conglomerate (debris flows and turbidites)
- mDca — black chert, cherty argillite
- mDss — grey to rusty-grey weathering silty shale

ORDOVICIAN TO LOWER DEVONIAN:
ROAD RIVER GROUP

- OSD — undivided
- OSDsm — brown weathering silty mudstone with scattered orange weathering ferroan dolomite and/or grey weathering limestone intervals
- OSDca — very carbonaceous cherty argillite and thin-bedded black chert
- OSDfs — very soft fissile black shale, commonly graptolitic
- OSDds — orange brown weathering dolomitic siltstone to silty mudstone
- OSDps — non-siliceous, grey weathering black shale with thin dolomitic siltstone "pinstripes"

SYMBOLS

- geological contact (defined, approximate, inferred)
- favourable Lower Devonian stratigraphic horizon (defined, approximate, inferred)
- normal fault (down-dropped side shown)
- bedding attitude
- cleavage attitude
- anticline (upright, overturned)
- syncline (upright, overturned)
- bright green "zinc" moss
- tufa deposit
- ferricrete deposit
- (G) graptolite locality
- (T) trilobite locality
- geological data point

092992

Figure 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOLOGY

FALCON – SOUTHEAST

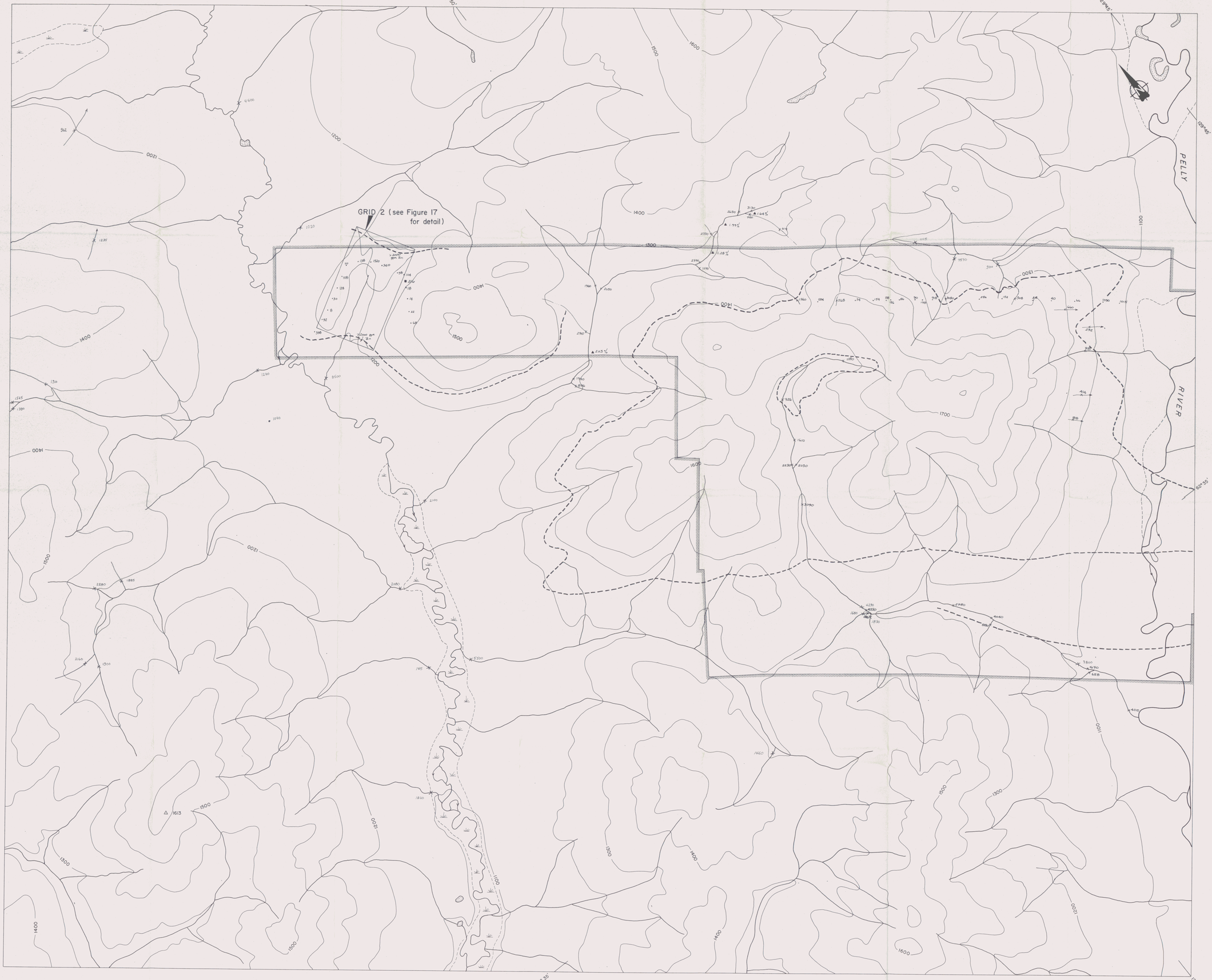
FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

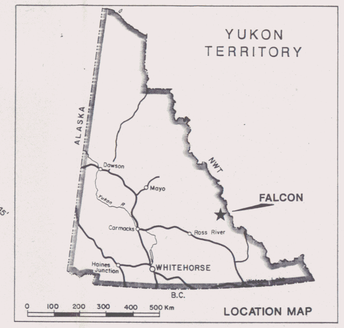
SCALE 1:10,000

0 500 1000 Metres
0 500 1000 2000 3000 Feet

MAP# 1057-12 (346)

To accompany report dated Nov. 1991





SYMBOLS

- soil sample, zinc value in ppm
- stream sediment sample, zinc value in ppm
- spring sediment sample, zinc value in ppm
- rock sample, zinc value in ppm
- tufa sample, zinc value in ppm
- GSC silt sample, zinc value in ppm
- GSC rock sample, zinc value in ppm
- 1973-1976 stream sediment sample, zinc value in ppm (from assessment reports)
- favourable stratigraphic horizon

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Figure 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ZINC GEOCHEMISTRY

FALCON – NORTHWEST

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

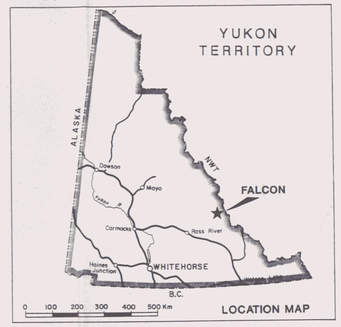
SCALE 1:10,000

0 500 1000 Metres

0 500 1000 2000 3000 Feet

MAP# 105F/12 (347)

To accompany report dated Nov. 1991



GRID 1 (see Figure 12 for detail)

SYMBOLS

- soil sample, zinc value in ppm
- stream sediment sample, zinc value in ppm
- spring sediment sample, zinc value in ppm
- rock sample, zinc value in ppm
- tufa sample, zinc value in ppm
- GSC silt sample, zinc value in ppm
- GSC rock sample, zinc value in ppm
- 1973-1976 stream sediment sample, zinc value in ppm (from assessment reports)
- favourable stratigraphic horizon

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Figure 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ZINC GEOCHEMISTRY

FALCON – SOUTHEAST

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:10,000

0 500 1000 Metres

0 500 1000 2000 3000 Feet

MAP# 105F/12 (348)

To accompany report dated Nov. 1991

GRID 2 (see Figure 18 for detail)

FALCON PROPERTY

PELLY RIVER

YUKON TERRITORY

ALASKA

NWT

B.C.

Dawson

Mayo

Carmacks

Ross River

Haines Junction

WHITEHORSE

FALCON

0 100 200 300 400 500 Km

LOCATION MAP

SYMBOLS

- soil sample, nickel value in ppm
- stream sediment sample, nickel value in ppm
- spring sediment sample, nickel value in ppm
- rock sample, nickel value in ppm
- tufa sample, nickel value in ppm
- GSC silt sample, nickel value in ppm
- GSC rock sample, nickel value in ppm

favourable stratigraphic horizon

129°50'

62°35'

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Figure 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NICKEL GEOCHEMISTRY

FALCON – NORTHWEST

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:10,000

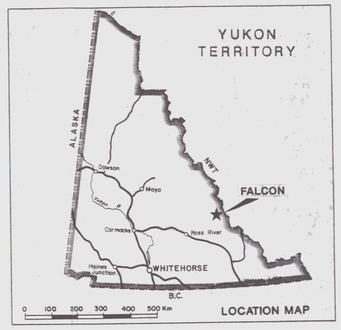
0 500 1000 Metres

0 500 1000 2000 3000 Feet

MAP# 105I/12

(349)

To accompany report dated Nov. 1991



GRID I (see Figure 13 for detail)

FALCON PROPERTY

DON CREEK

129°40'

62°35'

62°30'

129°45'

SYMBOLS

- soil sample, nickel value in ppm
- stream sediment sample, nickel value in ppm
- spring sediment sample, nickel value in ppm
- rock sample, nickel value in ppm
- tufa sample, nickel value in ppm
- GSC silt sample, nickel value in ppm
- GSC rock sample, nickel value in ppm

favourable stratigraphic horizon

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Figure 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NICKEL GEOCHEMISTRY

FALCON – SOUTHEAST

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

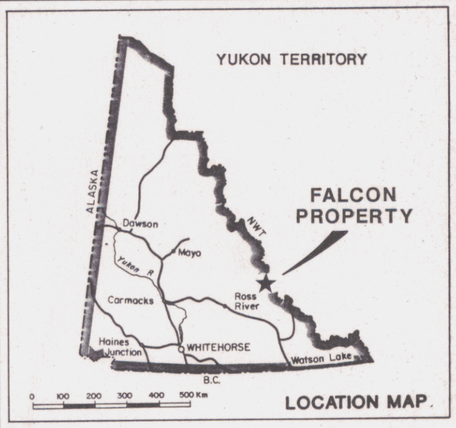
SCALE 1:10,000

0 500 1000 Metres

0 500 1000 2000 3000 Feet

MAP# 105 I/12 (350)

To accompany report dated Nov. 1991



LOCATION MAP

SYMBOLS

tufa deposit

ferricrete

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MAP# 105I/12

Figure 10

SAMPLE LOCATION

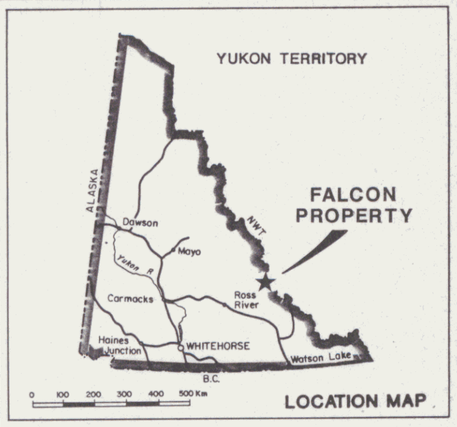
FALCON – GRID I

NR PROJECT

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:5000
0 50 100 200 300m

To accompany report dated Nov. 1991



LOCATION MAP

LEGEND

MIDDLE TO UPPER DEVONIAN:
LOWER EARN GROUP

- mD — undivided
- mDss — grey to rusty-grey weathering silty shale
- mDcg — chert granule siltstone, pebbly mudstone and chert pebble conglomerate
- mDca — black chert and cherty argillite

ORDOVICIAN TO LOWER DEVONIAN:
ROAD RIVER GROUP

- OSD — undivided
- OSDsm — brown weathering silty mudstone with dolomitic intervals
- OSDca — very carbonaceous cherty argillite and black chert
- OSDds — orange brown weathering dolomitic siltstone to silty mudstone

SYMBOLS

- geological contact (approximate)
- favourable Lower Devonian stratigraphic horizon (approximate)
- normal fault
- bedding attitude
- anticline (overturned)
- tufa deposit
- ferricrete

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(352)
MAP #105I/12

Figure 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

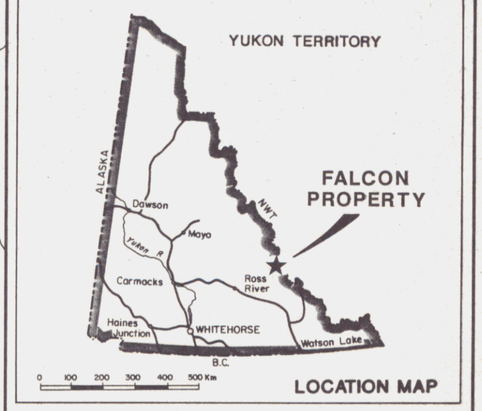
FALCON – GRID I

GEOLOGY

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:5000
0 50 100 200 300m

To accompany report dated Nov. 1991



SYMBOLS

- tufa deposit
- ferricrete
- 4000 / 2000 / 1000 — contour intervals (ppm)
- favourable Lower Devonian stratigraphic horizon (approximate)
- normal fault

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MAP # 105I/12

Figure 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

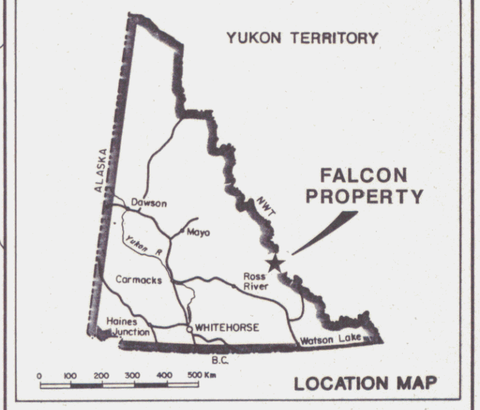
FALCON – GRID I

ZINC GEOCHEMISTRY

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:5000
0 50 100 200 300m

To accompany report dated Nov. 1991



LOCATION MAP

SYMBOLS

- tufa deposit
- ferricrete
- 300 / 150 / 75 — contour intervals (ppm)
- favourable Lower Devonian stratigraphic horizon (approximate)
- normal fault

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MAP# 105I/12

Figure 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

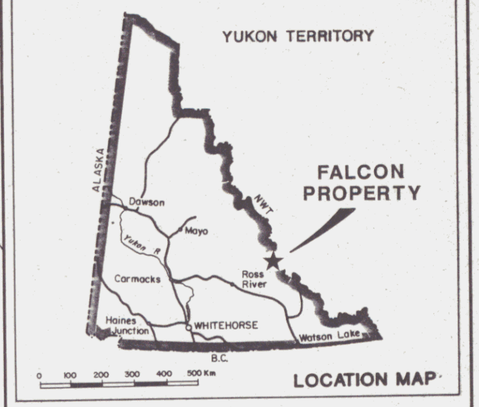
FALCON - GRID I

NICKEL GEOCHEMISTRY

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:5000
0 50 100 200 300m

To accompany report dated Nov. 1991



LOCATION MAP

SYMBOLS

- tufa deposit
- ferricrete
- Pt, Pd, Au (ppb)
- favourable Lower Devonian stratigraphic horizon (approximate)
- normal fault

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MAP # 105I/12

Figure 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

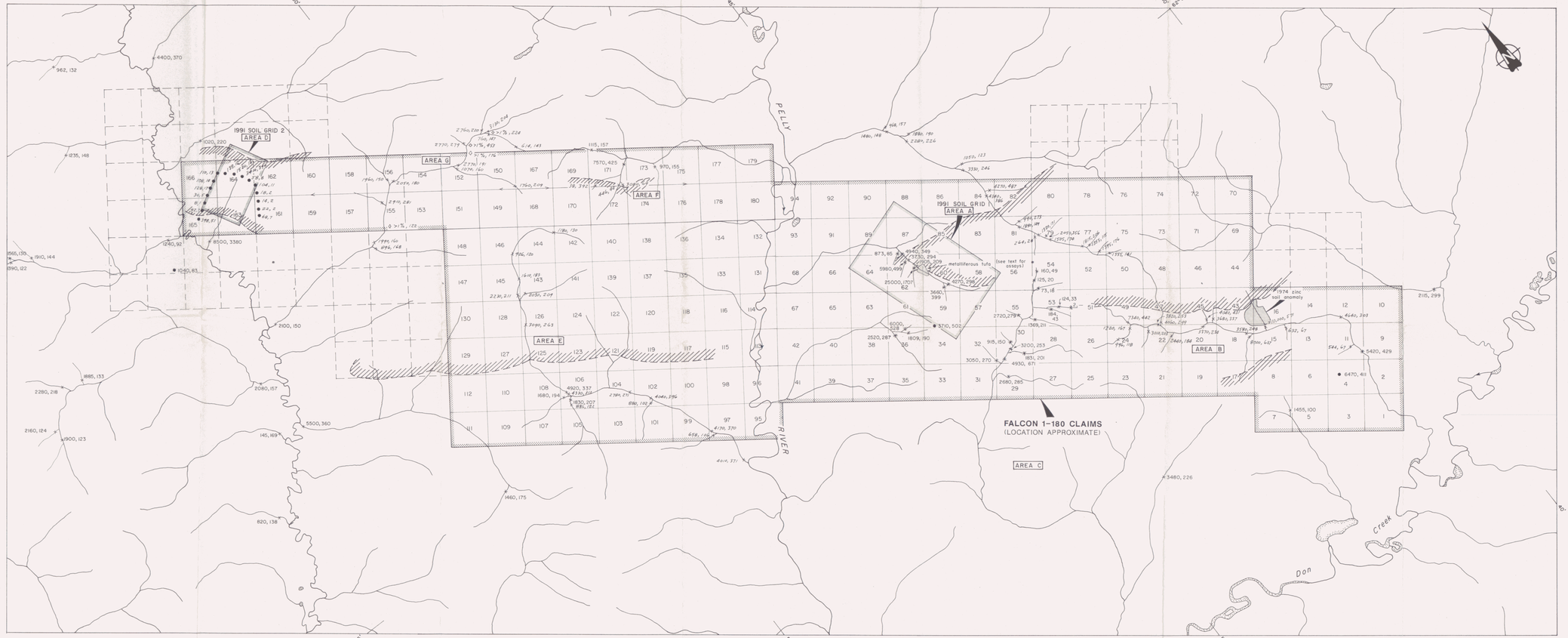
FALCON – GRID I

PLATINUM, PALLADIUM AND GOLD GEOCHEMISTRY

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:5000
0 50 100 200 300m

To accompany report dated Nov. 1991



SYMBOLS

- GSC silt sample (1981, 1984)
- IJV/NR silt sample (1976, 1977, 1991)
- IJV/NR soil sample (1976, 1977, 1991)
- 1369, 211 zinc, nickel (ppm)
- trace of potentially mineralized horizon with hachure on down-dip side of contact
- proposed additional staking

092992
(350)
MAP # 105716

Figure 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COMPILATION MAP

FALCON CLAIMS

FALCONBRIDGE LIMITED
NDU RESOURCES LTD.

SCALE 1:20,000

0 500 1000 1500 Metres

0 1/4 1/2 1 Mile

To accompany report dated Nov 1991