

# ARCHER, CATHRO

& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

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## PROSPECTING AND RECLAMATION

at the

### NORTHERN DANCER PROPERTY

Dansar 1-4            YB91322-YB91325  
5F-6F                YB91394-YB91395

093 994

NTS 105B/4

Latitude 60°00'10"N; Longitude 131°37'00"W

in the

Watson Lake Mining District  
Yukon Territory

Prepared by

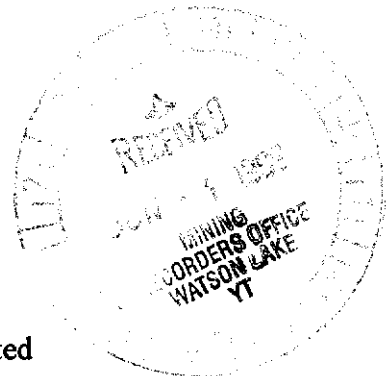
Archer, Cathro & Associates (1981) Limited

for

**NORDAC RESOURCES LTD.**

by

W.D. Eaton, B.A., B.Sc.  
May, 1999



Field work conducted in August and October, 1998

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 2850.00.

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

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## **INTRODUCTION**

The Northern Dancer property is owned 100% by Nordac Resources Ltd. It consists of six claims in Yukon and one claim (nine units) in British Columbia. This report describes work conducted in 1998 on the Yukon claims.

The first four Dansar claims were staked in early June 1998 to cover the Logtung Deposit, a porphyry-type tungsten-molybdenum prospect. This deposit received extensive work in the late 1970's and early 1980's which outlined an open pittable mineral resource of 160 million tonnes grading 0.12% WO<sub>3</sub> and 0.055% MoS<sub>2</sub>. Surprisingly the claims covering the deposit were allowed to expire by the previous owner.

The other two Dansar claims were added later in the summer to fill a gap between the Yukon and British Columbia claims and to cover beryl showings and strong multi-element soil geochemical values.

Work in 1998 included removal of old drums which were abandoned on the property by an earlier operator plus a few prospecting traverses done in conjunction with the drum removal trips. The author conducted most of the work and supervised the remainder. The Author's Statement of Qualifications appears in Appendix I.

## **PROPERTY, LOCATION AND ACCESS**

The property consists of six contiguous claims located in the Watson Lake Mining District on NTS mapsheet 105B/4. It is centred at latitude 60°00'10"N and longitude 131°37'00"W (Figure 1). The southern edge of the property follows the B.C.- Yukon border. Nordac also owns an adjoining nine unit claim on the B.C. side of the border. Claim data for the Yukon claims are listed below.

<u>Claim Name</u>	<u>Record Number</u>	<u>Expiry Date*</u>
Dansar 1-4	YB91322-YB91325	March 12, 2004
5F-6F	YB91394-YB91395	March 12, 2004

\*Includes 1998 assessment which has been filed but not yet accepted.

Access is provided by a 13 km gravel road that extends from KM 1203 on the Alaska Highway to the property. Although the road has not been maintained since the early 1980's, it is easily passible with a four-wheel drive vehicle during summer and fall.

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FIGURE 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

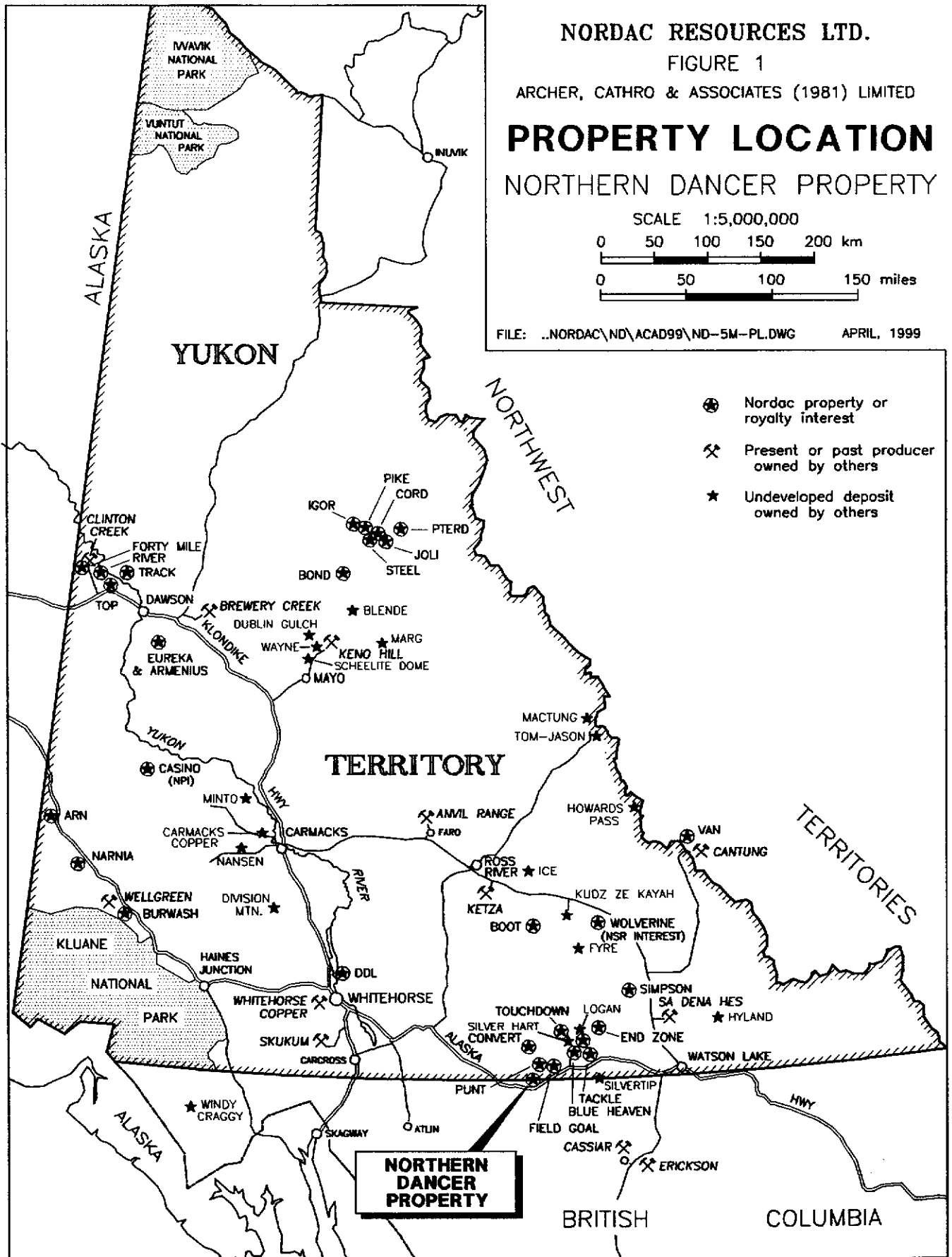
**PROPERTY LOCATION**  
NORTHERN DANCER PROPERTY

SCALE 1:5,000,000

0 50 100 150 200 km

0 50 100 150 miles

FILE: ..NORDAC\ND\ACAD99\ND-5M-PL.DWG APRIL, 1999



- ⊛ Nordac property or royalty interest
- ⚡ Present or past producer owned by others
- ★ Undeveloped deposit owned by others

## **PREVIOUS WORK**

In 1975 the Bath Uranium Partnership discovered tungsten stream sediment anomalies in Logjam Creek but it was not until the following year that the anomalies were traced to their source and claims were staked. After preliminary prospecting, ownership was transferred to Logjam Resources Ltd. which immediately optioned the claims to Amax Potash Limited. Between 1977 and 1981 Amax built a road to the property and explored with geological mapping, soil geochemistry, IP surveys, 47 diamond drill holes totalling 11,157 m and 496 m of underground workings. A preliminary feasibility study prepared in 1984 concluded that the deposit was uneconomic. Airborne magnetic and electromagnetic surveys were also conducted in 1984. Amax dropped its option in 1986.

In 1993 NDU Resources Ltd. optioned the property and explored for gold with soil geochemical surveys, prospecting, reanalyses of old drill core and 234 m of diamond drilling in two holes (Eaton, 1994). Results were generally disappointing and the option was dropped.

## **GEOMORPHOLOGY**

The claims cover the headwaters of two creeks, one draining west into the Smart River and the other (Logtung Creek) southeast into the Swift River. Local elevations range from 1500 to 1850 m above sea level. The area has undergone recent alpine and valley glaciation and is typified by steep ridges separating broad U-shaped valleys blanketed by glacial debris. Outcrop is most abundant along ridge crests and on north or west facing slopes. South and east facing slopes are usually covered by talus. The property is above treeline which is at about 1400 m.

## **GEOLOGY**

Regional and property geology are well described in Noble et al (1986) plus a number of company reports, notably Harris (1978 and 1979). No attempt was made to remap the property in 1998 and the following is a brief summary of the earlier descriptions.

The property lies south of the Tintina Fault within the Yukon-Tanana Terrane. Country rocks consist of Paleozoic fine grained clastic and carbonate sedimentary rocks that were accreted to North America during a Mesozoic arc-continent collision. The sediments are intruded by two Mesozoic intrusive suites. The older suite is Jurassic to Triassic age and includes stocks and dykes of ultramafic to granodiorite composition. The younger intrusions are Cretaceous in age, quartz monzonite to monzogranite in composition and range from batholiths (Cassiar, Seagull and Hake) through to narrow hypabyssal dykes.

Figure 2 illustrates geology in the main areas of interest on the Yukon and B.C. claims. Sedimentary rocks on the property are Carboniferous age and consist of isoclinally folded graphitic quartzites with calcareous shale interbeds. They generally exhibit shallow to moderate dips. The sedimentary rocks are intruded by a Triassic diorite stock flanked by numerous satellite dykes and a Cretaceous monzogranite stock accompanied by pegmatic dyke swarms and a slightly younger but apparently comagmatic felsic dyke complex. Both ages of intrusions produced extensive hornfels halos and localized skarn horizons.

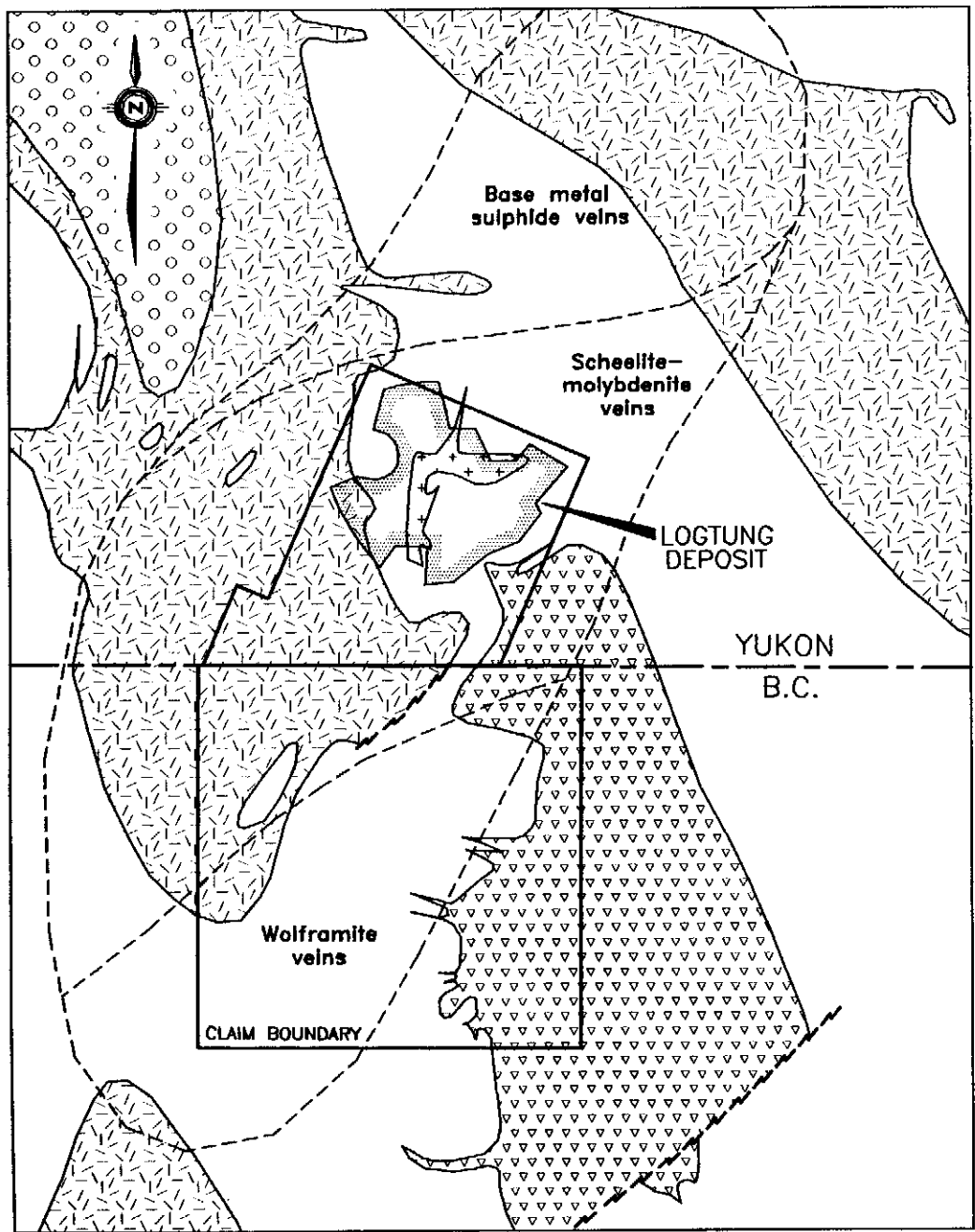
## **SOIL GEOCHEMISTRY**

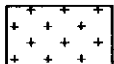
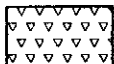
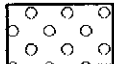



Figure 3 shows the location of two soil samples collected during prospecting traverses. The samples were sent to Chemex Labs Ltd. in North Vancouver where they were dried, screened to -80 mesh and then geochemically analyzed for 32 elements using the induced coupled plasma (ICP) technique. Beryllium and tungsten values obtained by ICP analysis are usually understated because the common minerals containing these metals are only partially digested by the acids used during sample preparation. Therefore, the samples were also analyzed for beryllium and tungsten using complete digestion. Certificates of Analyses appear in Appendix II.

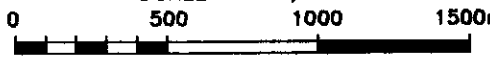
Both samples were collected along the trace of a beryl-scheelite-bismuthinite bearing quartz vein cutting diorite. Sample 34753 was strongly anomalous for bismuth (1305 ppm) and moderately to strongly anomalous for copper, molybdenum, lead and tungsten. Sample 34754 consisted of gossanous soil and was strongly anomalous for bismuth (1260 ppm), arsenic (1240 ppm), lead (476 ppm), silver (13.4 ppm), tungsten (2370 ppm) and beryllium (340 ppm).

## **MINERALIZATION**

Previous work in the vicinity of the property outlined an extensive, multi-episode vein system that is enriched in several metals, most notably tungsten and molybdenum. The system is centred on the felsic dyke complex and forms a 3 by 1 km kidney-shaped zone that is elongated along a north-northeasterly axis (Figure 2). Approximately 95% of the mineralization within the system occurs in veins and fractures with the remainder found as disseminations within the felsic dyke complex and skarn horizons. The veins crosscut all units on the property and are believed to be genetically related to emplacement of the felsic dyke complex. Table 1 below summarizes mineralization in the main vein sets.



-  Felsic dyke complex
-  Monzogranite
-  Granodiorite
-  Diorite
-  Sedimentary rocks
-  Limit of mineralization

<b>NORDAC RESOURCES LTD.</b>	
FIGURE 2 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
<b>GEOLOGY</b>	
NORTHERN DANCER PROPERTY	
SCALE 1:25,000	
	
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FILE: ..NORDAC\ND\ACAD99\ND-25K-G.DWG	DATE: APRIL, 1999



**TABLE 1**  
**SUMMARY OF VEIN MINERALOGY (from Noble et al, 1986)**

<u>Vein Type</u>	<u>Essential Minerals</u>	<u>Accessory Minerals</u>
Quartz- Molybdoscheelite	quartz, garnet, diopside, molybdoscheelite, pyrite	epidote, chlorite, fluorite, calcite, biotite, molybdenite, plagioclase, orthoclase
Quartz-Pyrite- Scheelite	quartz, fluorite, epidote, scheelite, chlorite, molybdoscheelite	plagioclase, calcite, garnet, diopside, hornblende, biotite, orthoclase, sphalerite, molybdenite, chalcopyrite
Quartz- Molybdenite	quartz, epidote, calcite, diopside, molybdenite, pyrite, chalcopyrite	muscovite, chlorite, scheelite, garnet, sphalerite, plagioclase, pyrrhotite, rutile
Sheeted Veins (A) Scheelite- Molybdenite (central region)	quartz, beryl, scheelite, orthoclase, fluorite, plagioclase, calcite, pyrite, molybdenite	biotite, chlorite, muscovite, epidote, helvite, sphalerite, bismuthinite, marcasite, pyrrhotite, galena
(B) Pb-Zn-Ag (northeast)	quartz, calcite, arseno- pyrite, galena, sphalerite, pyrrhotite, chalcopyrite	chlorite, stannite, galenobismutite, pyrite, lollingite
(C) Quartz- Wolframite (southwest)	quartz, fluorite, beryl, wolframite	calcite, scheelite, bismuthinite

Published reports provide excellent descriptions of the distribution, density and orientation of the various vein sets and their relationship to different rock types.

Drilling and underground development by Amax in the late 1970's outlined an area of higher than average grade, porphyry-type mineralization within the much larger system. The Logtung Deposit is located approximately 300 m north of the B.C.-Yukon border (Figures 2 and 3) and contains an open pittable mineral resource of 160 million tonnes grading 0.12% WO<sub>3</sub> and 0.055% MoS<sub>2</sub>.

The 1993 gold exploration was done because of similarities between the geological setting and mineralization at Logtung and the Fairbanks gold deposit in Alaska. The high tungsten, molybdenum and bismuth contents, age of the intrusions, and fracture-controlled nature of the mineralization were of particular interest.

Soil geochemistry done in 1993 outlined large areas of extremely high values for bismuth with smaller areas of strongly anomalous response for gold and arsenic. Unfortunately analyses of chip samples, representative rock specimens and drill core all returned disappointing results and did not explain the soil geochemical anomalies. The highest chip sample assay was 0.99 g/t gold over 3 m while the best assay from a representative specimen was 0.53 g/t gold. Both samples came from sheeted lead-zinc-silver veins located approximately 300 m north of the soil grid. All chip and rock samples taken in the grid area returned less than 0.04 g/t gold. The highest gold value from the pre-1993 drill core was only 0.07 g/t gold. The best intersection from a 1993 hole returned 0.12 g/t gold over 3 m.

Figure 3 shows the location of rock samples collected in 1998. All samples were sent to Chemex Labs where they were routinely analyzed for 32 elements using the ICP technique. Selected samples were also assayed for tungsten and beryllium (for which ICP analyses are unreliable because of partial digestion) plus gold, molybdenum and selenium. Certificates of Analyses appear in Appendix II.

The 1998 prospecting on the Dansar claims identified beryl in crushed material on the dumps from the underground development and in several narrow quartz veins on the periphery of the Logtung Deposit. Most of the beryl bearing veins strike about 040° and dip steeply to the west. They typically range between 4 and 30 cm in width. The beryl is milky white to pale blue to pale green. It occurs with quartz plus or minus scheelite, bismuthinite, molybdenite and wolframite. All of the accessory minerals are coarse grained and patchy. Rock samples submitted for geochemical analysis are described in Appendix III. Specimens assayed up to 5.36% BeO, 4.60% WO<sub>3</sub> and 0.91% MoS<sub>2</sub>. Gold and selenium values were low.

## RECLAMATION

During the underground program in the early 1980's, a large number of used juice concentrate drums were taken to the property to transport a bulk sample. Some of the drums were filled with crushed ore and are stored on pallets near the core storage area (about 1 km east of the Dansar claims). The remainder (about 350 drums) were left empty in a pile near the portal. A few of the drums have rolled downhill but most are still near an access road (Photo 1).

In 1998 Nordac began site cleanup even though it was not required to do so. Between August 25 and October 6, a total of 149 drums were transported to Whitehorse in a 3 ton stake-side truck. Some individuals in Whitehorse took drums for water storage but most were taken to the Yukon Territory dump at McClintock at the request of territorial government officials. They will later be crushed and transported out of the territory.

Refer to Colour  
CD

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Photo 1: Drum Storage Area

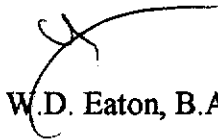
## CONCLUSIONS

Although beryl appears to be a minor accessory mineral within the area defined as the Logtung Deposit, it is relatively common in some veins on the fringe of the deposit. The most promising area is a largely till covered cirque floor immediately south of the deposit where beryl, wolframite and scheelite bearing quartz veins occur as float and in a few subcrops.

Additional prospecting and hand trenching are recommended to establish the extent and average grade of the beryl mineralization and to determine whether or not it could be a potentially significant by-product in the porphyry system.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



W.D. Eaton, B.A., B.Sc.

**REFERENCES**

Eaton, W.D.

1994     Prospecting, Geochemical and Diamond Drilling 1993 Report for NDU Resources Ltd., Logtung property, Watson Lake Mining District, NTS 105B/4.

Harris, F.R.

1978     1997 Property Report, Logtung Property, unpublished company report for Amax Potash Limited, p.43.

1979     1978 Property Report, Logtung Property, unpublished company report for Amax Potash Limited, p.28.

Noble, S.R., Spooner, E.T.C. and Harris, F.R.

1986     Logtung: A porphyry W-Mo deposit in southern Yukon, in CIM Special Vol. 37, pp.274-287.

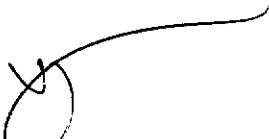
**APPENDIX I**

**AUTHOR'S STATEMENT OF QUALIFICATIONS**

## STATEMENT OF QUALIFICATIONS

I, W. Douglas Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in North Vancouver, British Columbia, do hereby declare that:

1. I graduated from the University of British Columbia in 1980 with a B.Sc. majoring in Geological Sciences.
2. From 1971 to present, I have been actively engaged in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981, I became a partner in 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.



W. Douglas Eaton, B.A., B.Sc.

**APPENDIX II**  
**CERTIFICATES OF ANALYSIS**





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
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Project: LOGTUNG-YUKON  
Comments:

Page Number : 1  
Total Pages : 1  
Certificate Date: 19-OCT-1998  
Invoice No. : 19832937  
P.O. Number :  
Account : MTT

## CERTIFICATE OF ANALYSIS

### A9832937

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AA4979	244 --	0.20	-----	-----	-----						
N33987	244 232	-----	8	4.4	-----						
N33988	244 232	0.24	-----	12.0	-----						
N33989	244 287	-----	9	-----	4.0						
N33990	244 232	-----	-----	6.4	-----						
059646M	244 232	-----	80	22.0	-----						
059647M	244 232	0.39	-----	39.0	-----						

CERTIFICATION:



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Analytical Chemists \* Geochemists \* Registered Assayers  
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Page Number : 1-A  
Total Pages : 1  
Certificate Date: 19-OCT-1998  
Invoice No. : 19832887  
P.O. Number :  
Account : MTT

Project : LOGTUNG-Y  
Comments:

## CERTIFICATE OF ANALYSIS A9832887

SAMPLE	PREP CODE		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
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N34754	205	203	13.4	2.55	1240	200	29.0	1260	0.32	2.5	24	210	874	12.05	< 10	< 1	0.76	10	1.21	875	515

CERTIFICATION: Hart Richler



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Project: LOGTUNG-Y  
Comments:

Page Number: 1-B  
Total Pages: 1  
Certificate Date: 19-OCT-1998  
Invoice No.: 19832887  
P.O. Number:  
Account: MTT

## CERTIFICATE OF ANALYSIS

A9832887

SAMPLE	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Be	W
			%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
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N34754	205	203	0.09	36	1400	476	12	14	120	0.06	< 10	< 10	103	2370	178	340	>1000

CERTIFICATION: Hart Riebler



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Y1A 3S9

Project : LOGTUNG/YUKON  
Comments:

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Certificate Date: 06-OCT-1998  
Invoice No. : I9832464  
P.O. Number :  
Account : MTT

## CERTIFICATE OF ANALYSIS

A9832464

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59638M	244 --	20	-----	-----							
59639M	244 --	-----	0.71	-----							
59640M	244 --	-----	-----	0.25							

CERTIFICATION:



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Particulars : 1-A  
 Total : 1  
 Certificate Date: 03-OCT-1998  
 Invoice No. : 19831911  
 P.O. Number :  
 Account : MTT

Project : LOGTUNG-YUKON  
 Comments:

## CERTIFICATE OF ANALYSIS A9831911

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AA4980	208 226	< 0.2	< 0.01	6	< 10	11.0	46	0.03	< 0.5	< 1	256	4	0.42	< 10	< 1	< 0.01	< 10	< 0.01	15	49
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N33988	208 226	< 0.2	0.33	6	120	1.5	116	1.24	< 0.5	1	311	10	0.86	< 10	< 1	0.30	< 10	0.21	185	5470
N33989	208 226	< 0.2	0.34	< 2	40	61.0	2	0.86	< 0.5	1	265	7	0.89	< 10	< 1	0.26	< 10	0.23	410	4340
N33990	208 226	< 0.2	0.40	6	40	0.5	2330	0.61	< 0.5	2	247	7	1.24	< 10	< 1	0.29	10	0.26	6030	5530
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095647M	208 226	0.2	1.81	18	420	4.0	38	1.02	< 0.5	6	305	31	3.01	< 10	< 1	1.42	< 10	2.74	1435	1255

CERTIFICATION: *Hawthorn*



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Project : LOGTUNG/YUKON  
Comments:

Page Number : 1-A  
Total Pages : 1  
Certificate Date: 26-SEP-1998  
Invoice No. : I9831086  
P.O. Number :  
Account : MTT

## CERTIFICATE OF ANALYSIS A9831086

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
59636M	205 226	< 0.2	0.16	2	10	67.0	60	0.07	< 0.5	< 1	205	6	0.50	< 10	< 1	0.09	< 10	0.10	60	50
59637M	205 226	< 0.2	0.06	2	< 10	32.0	584	0.06	< 0.5	1	223	17	0.48	< 10	< 1	0.01	< 10	0.03	60	101
59638M	205 226	23.6	0.09	40	< 10	21.5	654	0.51	< 0.5	< 1	194	56	0.80	< 10	< 1	0.05	< 10	0.01	35	427
59639M	205 226	< 0.2	0.16	6	20	26.0	14	0.32	< 0.5	< 1	109	27	0.26	< 10	< 1	0.10	< 10	< 0.01	55	157
59640M	205 226	< 0.2	0.50	8	10	7.0	8	0.96	< 0.5	< 1	115	53	0.34	< 10	< 1	0.09	< 10	< 0.01	70	111

CERTIFICATION:

*Hart Riddle*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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## CERTIFICATE OF ANALYSIS A9831086

SAMPLE	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	W	Be
			%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
59636M	205	226	< 0.01	3	30	24	< 2	1	< 1	< 0.01	< 10	50	7	470	2	>1000	>1000
59637M	205	226	< 0.01	4	< 10	120	< 2	< 1	1	< 0.01	< 10	< 10	1	470	2	780	>1000
59638M	205	226	< 0.01	3	90	1125	56	< 1	8	< 0.01	< 10	< 10	4	880	98	510	700
59639M	205	226	0.03	1	190	20	< 2	2	9	< 0.01	< 10	10	< 1	210	6	300	>1000
59640M	205	226	0.04	1	60	22	< 2	1	10	< 0.01	< 10	10	< 1	380	6	>1000	600

CERTIFICATION: Hart Richter

**APPENDIX III**

**ROCK SAMPLE DESCRIPTIONS**

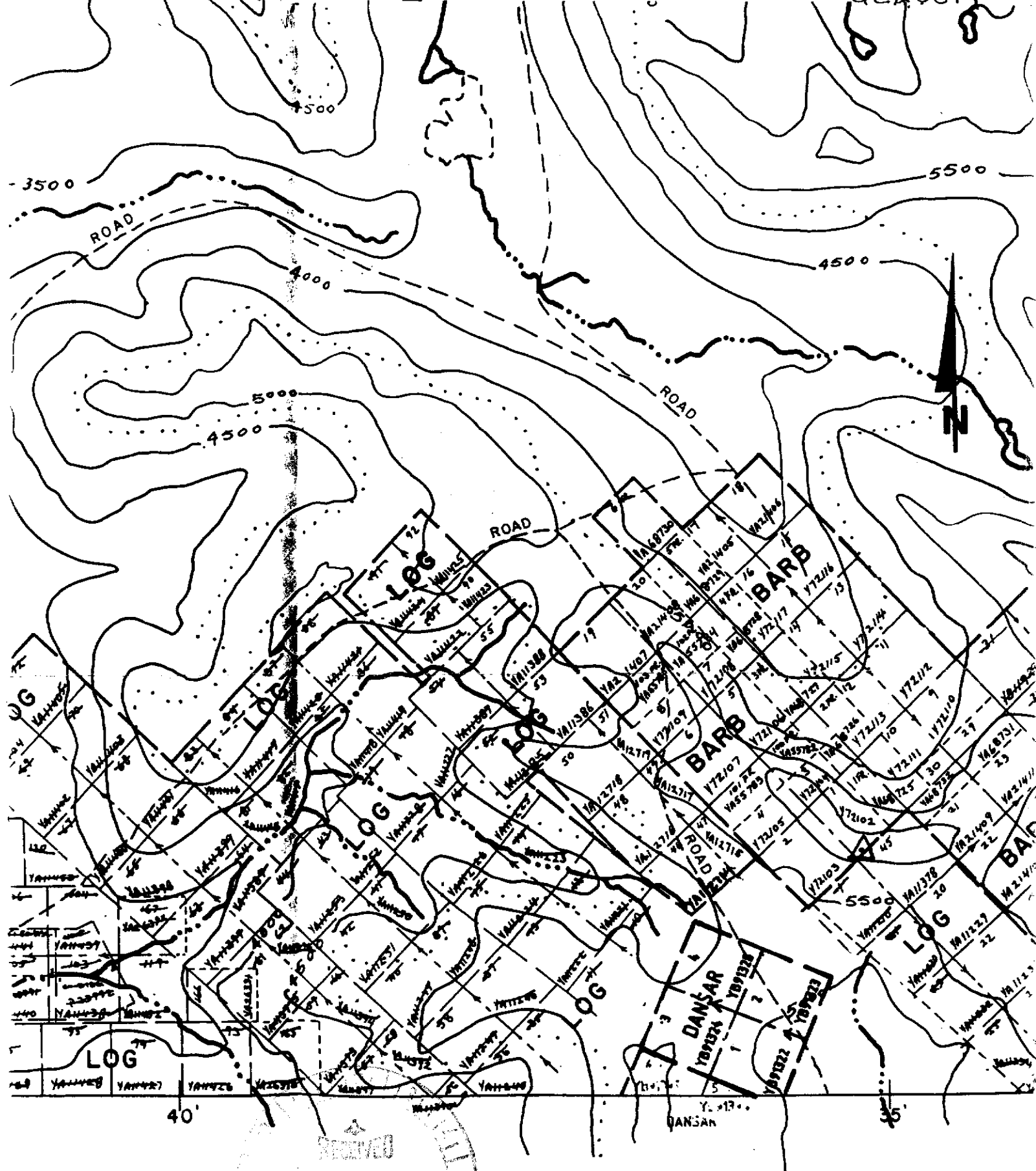


## NORTHERN DANCER SAMPLE DESCRIPTIONS

<u>Sample Number</u>	<u>Description</u>
59636M	Clear glassy to milky white quartz vein with up to 10 cm long, 0.5 m in diameter beryl crystals and rare wolframite crystals. Scheelite ~1% 13x7x4 cm sample. Best crystals along selvages.
59637M	Quartz-beryl vein with ~4% beryl. Other similar white quartz veins are common in talus but beryl is rare. Minor coarse scheelite grains (0.2%).
59638M	Rusty quartz vein from same boulder field as 59637M - very close to a soil sample with a high Be value and where blue to green beryl crystals were previously collected. No visible beryl but a yellow ochre stained sulphide is present. Sulphide is dull grey and in some samples looks acicular. Numerous coarse scheelite grains along one edge (~1%) - no wolframite.
59639M	Dump sample 11 mm thick. Quartz-beryl vein cutting hornfels. Rock fragment 7x4x2 cm. Beryl is ~40% of quartz vein - blue green - compact to acicular. Traces of fine euhedral pyrite in wallrock and quartz vein. No scheelite. Molybdenite in a hairline fracture oblique to but not cutting quartz vein.
59640M	Dump sample 13x11x5 cm fragment. Quartz-beryl vein cutting hornfels. Vein is 15 mm thick plus beryl rich selvage to a second vein. Quartz vein cut by (later) pyrite, molybdenite and calcite coated hairline fractures. Abundant scheelite with beryl in vein, none in rest of rock.
AA4978	4.5 cm thick quartz-beryl vein, ~20% beryl (white to pale blue) mostly in 1 cm thick selvage along one side. Trace scheelite.
AA4979	8.5 cm thick quartz vein with about 5% clear to pale blue beryl in 1 cm thick smoky quartz selvages. Trace scheelite and molybdenite.
AA4980	Quartz vein float with ~5% clear to pale blue beryl crystals in 1.5 cm thick selvage. Trace scheelite. Located ~50 m downhill from Post 2, Dansar 3 and 4.
N33987	Chips from quartz vein float train. Boulders up to 40 cm in diameter. Rare specimens of molybdenite filling cavities up to 3x1.5x1.5 cm. This sample contains a stringer of molybdenite with yellow ochre. No beryl or scheelite.

**Sample Number****Description**

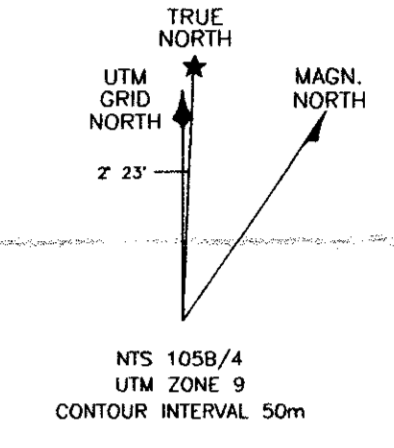
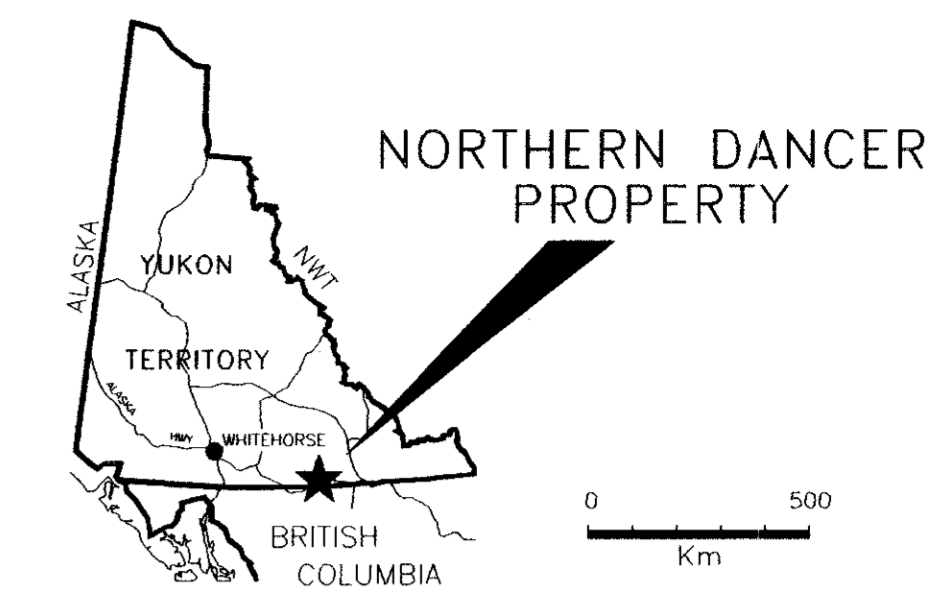
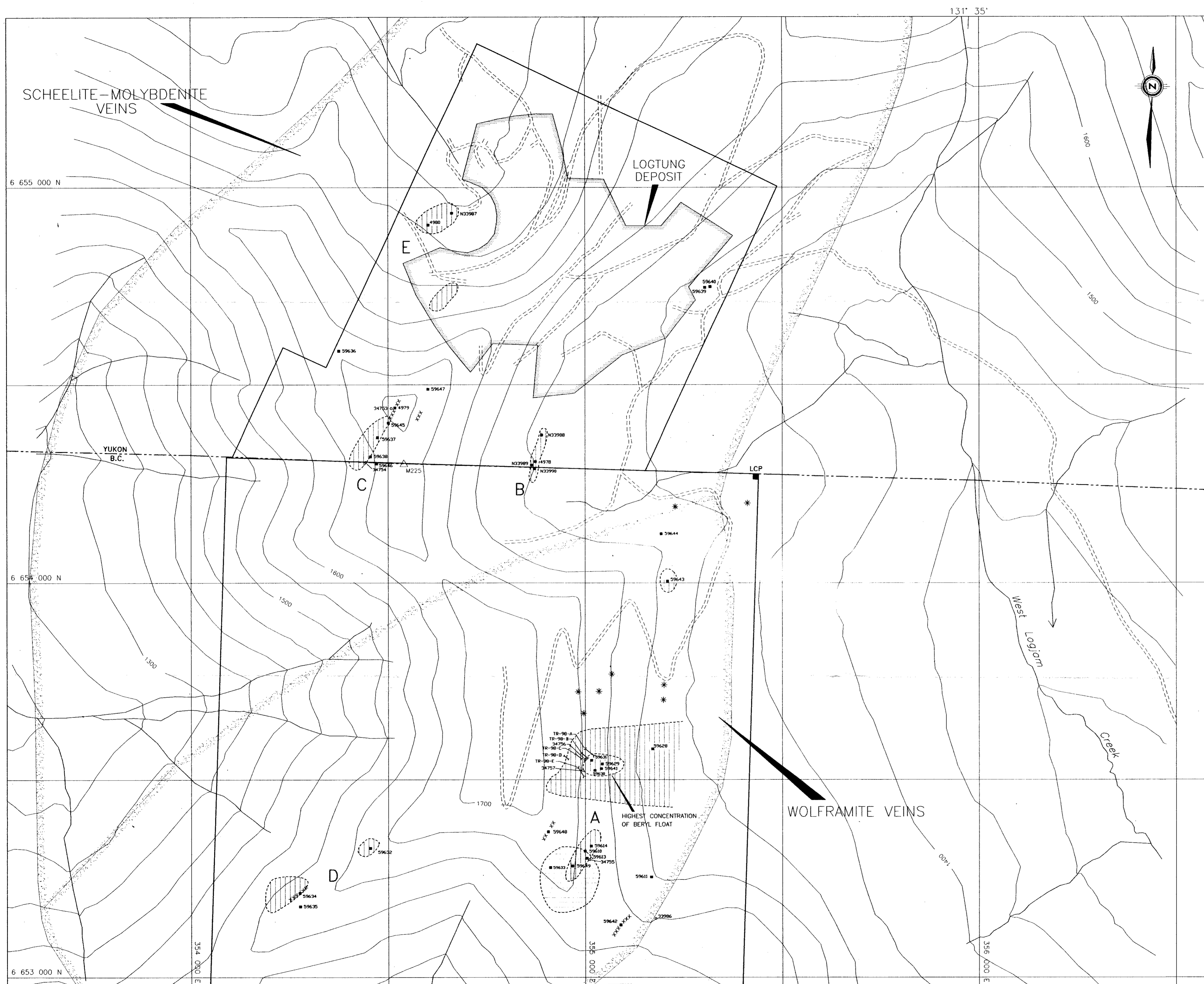
- N33988 Quartz vein in diorite outcrop on valley floor ~75 m NE of Post 2, Dansar 5. Six cm thick vein. ~1% molybdenite. Traces of scheelite and molybdoscheelite.
- N33989 Six cm quartz vein with irregular masses of (5%) beryl, trace molybdenite but no scheelite. One of several quartz veins in scattered diorite outcrop and felsenmeer blocks. Most of area till, talus or vegetation covered.
- N33990 Two cm thick quartz vein with disseminated clusters of bladed wolframite. In diorite ~15 m south of Post 2, Dansar 5. Minor scheelite with wolframite. No molybdenite or beryl.
- 059645M Five cm thick quartz vein with abundant beryl throughout. Several coarse scheelite blebs. Vein cuts diorite. Beryl relatively rare overall but usually with most friable fragments so could be more than visible. Coarse quartz boulders up to 30 cm thick often with molybdenite and/or bismuthinite.
- 059646M 20 cm thick coarse white quartz vein with bladed bismuthinite crystals up to 2 cm long, usually with yellow ochre. No beryl (although some nearby) and no scheelite. In diorite float 100 m west of survey monument.
- 059647M Diorite cut by 0.7 m quartz vein. Minor scheelite in vein and along fractures. Scheelite seems to be as abundant in the diorite as porphyry based on night lamping.



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- xxxx Quartz vein with beryl ± wolframite ± scheelite
- Abundant quartz vein float with beryl ± wolframite ± scheelite
- \* Scattered quartz vein float with beryl ± wolframite ± scheelite
- Pegmatite dykes with fluorite ± beryl
- A Area of mineralization
- 1998 hand trench
- 1998 rock sample location
- 1998 soil sample location
- Road
- Claim boundary

093994 DWG(1)

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FIGURE 3 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
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