

FILMED

**ARCHER, CATHRO**  
\* ASSOCIATES (1981) LIMITED  
CONSULTING GEOLOGICAL ENGINEERS

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LOG NO:	MAR 11 1994	RD.
ACTION:		
FILE NO:		

PROSPECTING AND GEOCHEMICAL REPORT

NDU RESOURCES LTD.

LAD 1 AND 2 CLAIMS

ATLIN MINING DISTRICT

NTS 1040/13E

LATITUDE 59°59'50"N, LONGITUDE 131°37'00"W

**SUB-RECORDER**  
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**FEB 18 1994**  
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VANCOUVER, B.C.

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

**23,305**

W.D. EATON, B.A., B.Sc.

JANUARY 1994

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INTRODUCTION

The Lad 1 and 2 claims were staked in January 1993 to cover a possible bulk-tonnage gold target modelled after the Fairbanks gold deposit in Alaska. The property is owned 100% by NDU Resources Ltd. (NDU) which funded the prospecting and geochemical sampling described in this report. The 1993 work was done in conjunction with exploration on the Logtung property, which lies immediately north of the Lad claims in the Yukon Territory. Exploration was done from a tent camp on the Logtung property in two phases, June 5 to 18 and July 27 to August 24. Geologist Hugh Copland and an assistant conducted the field work under the author's supervision. Appendix I contains the Author's Statement of Qualifications while Appendix II is the Cost Statement.

PROPERTY, LOCATION AND ACCESS

The claims consist of 40 contiguous units located in the Atlin Mining District on NTS sheet 1040/13E. They are centred at latitude 59°59'50"N and longitude 131°37'00"W (Figures 1 and 2 on the following pages). The northern edge of the property follows the B.C.-Yukon border. Claim data is listed below.

<u>Claim Name</u>	<u>Record Number</u>	<u>Expiry Date</u>
Lad 1-2	315311-315312	January 12, 1997

Access is provided by a 13 km gravel road that extends from KM 1203 on the Alaska Highway to the property (Figure 2). Although the road has not been maintained since the early 1980's, it is easily passable with a four-wheel drive vehicle during the summer and fall.

FIGURE 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# LOCATION MAP

## LAD 1 AND 2 CLAIMS NDU RESOURCES LTD.

- ⊗ present or past producer
- ★ major deposit

SCALE 1:5,000,000

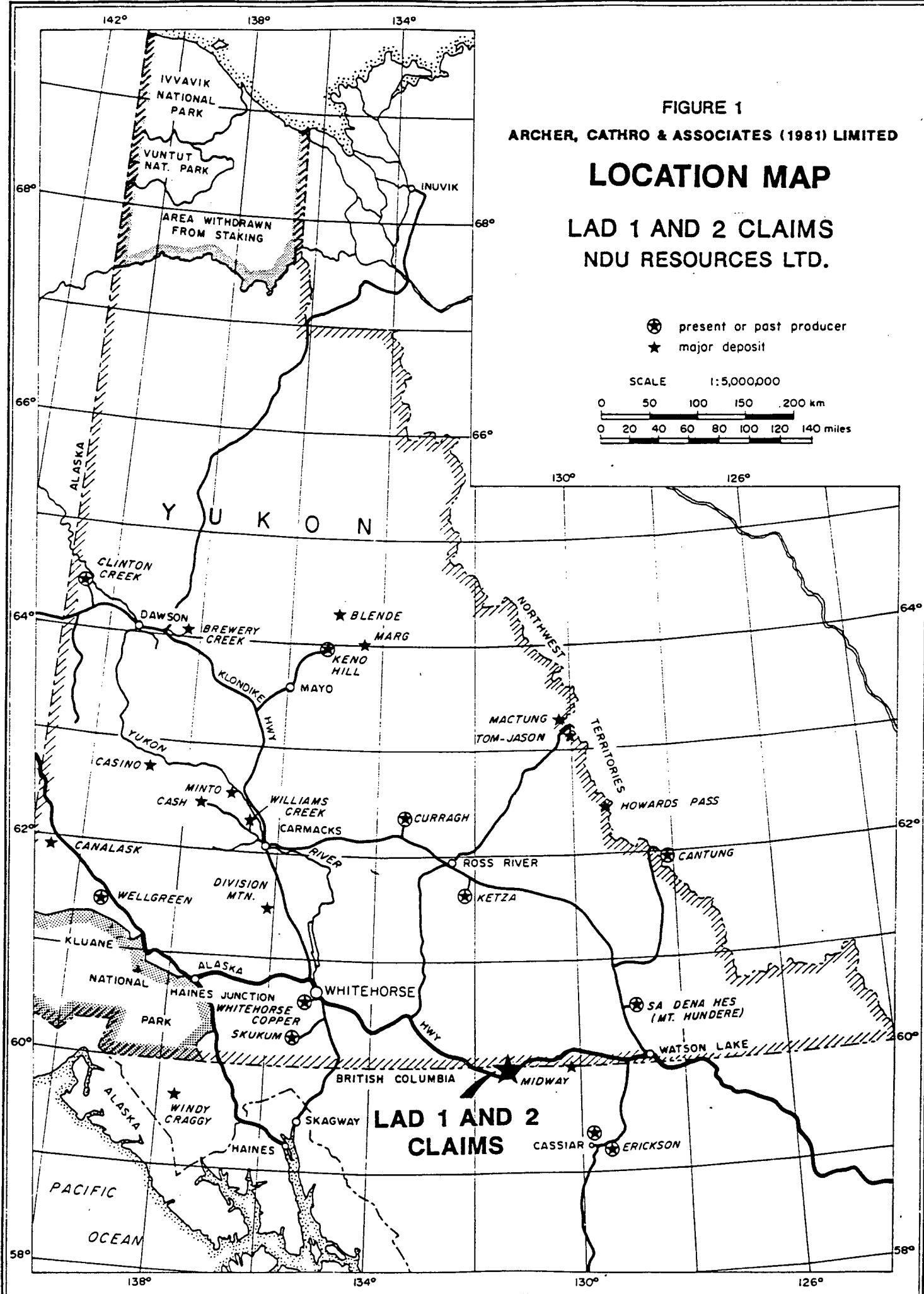
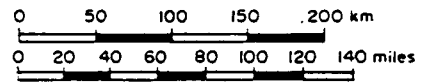




Figure 2

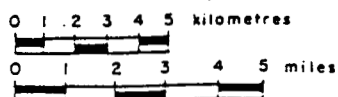
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# CLAIM LOCATION AND ACCESS

LAD 1 AND 2 CLAIMS

NDU RESOURCES LTD.

1:250,000



### 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 and four diamond drill holes totalling 474.4 m. The property was explored in conjunction with the adjoining Logtung property where work included more than 10,000 m of drilling plus underground development. In 1984 airborne magnetic and electromagnetic surveys were conducted over both properties.

### GEOMORPHOLOGY

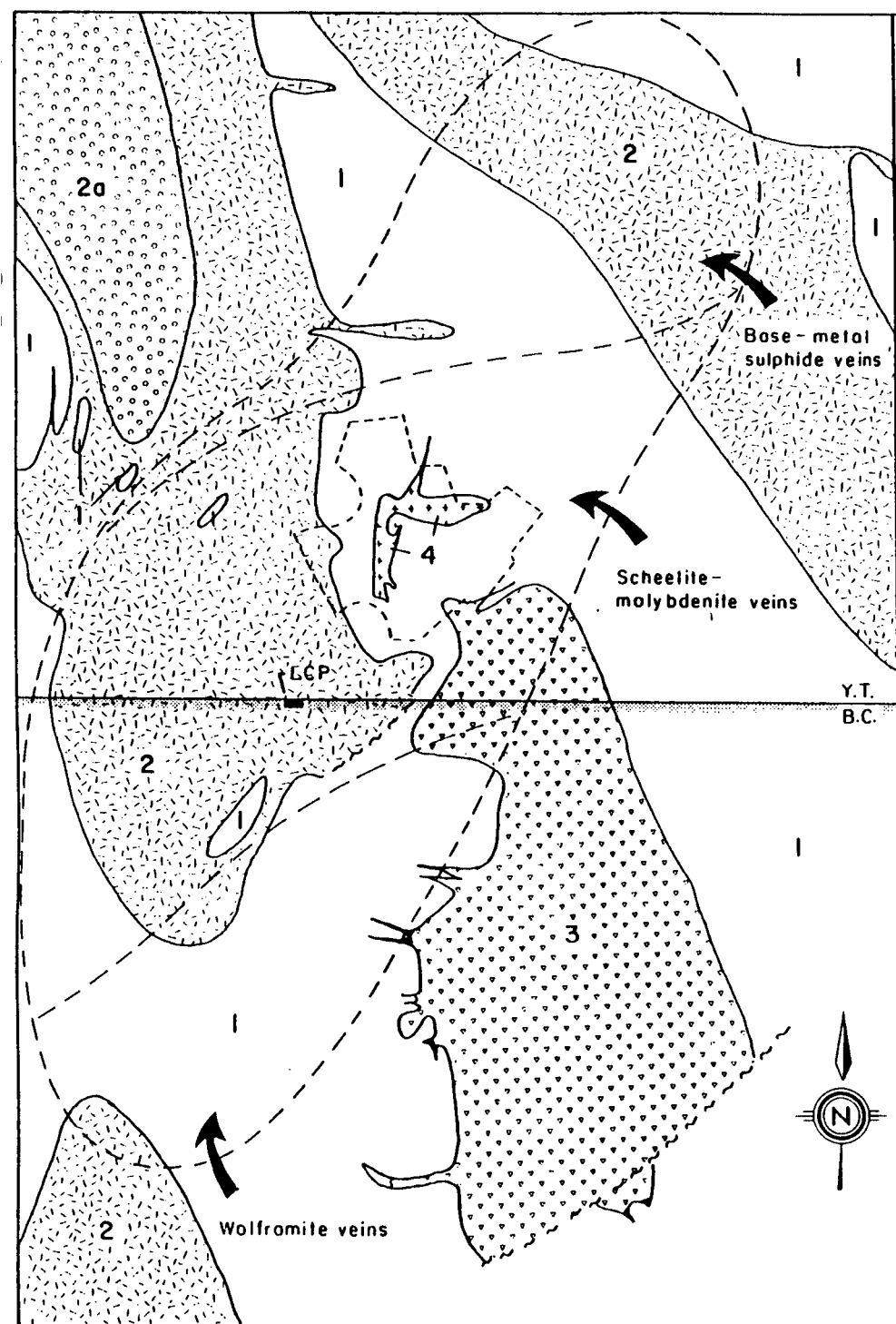
The Lad claims lie in the headwaters of two creeks, one draining west into the Smart River and the other (Logtung Creek) southeast into the Swift River. Local elevations range from 1200 to 1750 m above sea level. The area has undergone recent alpine and valley glaciation and is typified by steep ridges separating broad U-shaped valleys blanketed by glacial debris. Outcrop is most abundant along ridge crests and on north-facing slopes. South-facing slopes are usually covered by talus. Treeline is at about 1400 m. Thick stands of spruce are common at lower elevations while grass and buckbrush predominate in alpine areas.

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 1993 and the following is a brief summary of the earlier descriptions.

The property lies south of the Tintina Fault within the Yukon Cataclastic Complex. 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 in age and includes ultramafic to granodiorite stocks and dykes. The younger intrusions are comprised of Cretaceous quartz monzonite and monzogranite and range from batholiths (Cassiar, Seagull and Hake) through to narrow hypabyssal dykes.

Figure 3 on the following page illustrates the geology in the main areas of interest on the Lad claims and the adjacent Logtung property. Sedimentary rocks on the property are Carboniferous in age and consist of isoclinally folded graphitic quartzites with calcareous shale interbeds that generally exhibit shallow to moderate dips. They are intruded by three Triassic diorite stocks flanked by numerous satellite dykes and a Cretaceous monzogranite stock accompanied by a slightly younger but apparently comagmatic felsic dyke complex. Both sets of intrusions produced extensive hornfels halos and localized skarn horizons.



Felsic dyke complex



Monzogranite



Granodiorite



Diorite



Sedimentary rocks



Surface outline of W-Mo deposit



Limit of mineralization



Claim boundary

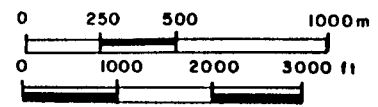
Figure 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# GEOLOGY

LAD 1 AND 2 CLAIMS

NDU RESOURCES LTD.





MINERALIZATION

Previous work in the vicinity of the Lad claims has outlined an extensive, multi-episode vein system that is enriched in several metals, most notably tungsten and molybdenum. The system is centered on the felsic dyke complex and forms a 3 by 1 km kidney-shaped zone that is elongated along an east-northeasterly axis (Figure 3). 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 apparently related to emplacement of the felsic dyke complex. Table 1 below summarizes mineralization in the main vein sets.

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

Drilling and underground development by Amax on the Logtung property in the late 1970's outlined an area of higher than average grade, porphyry-type mineralization (Logtung deposit) approximately 300 m north of the Lad claims (Figure 3). A preliminary open pit reserve of 160 million tonnes grading 0.12%  $W_{O3}$  and 0.055%  $MoS_2$  was calculated for Logtung deposit.

Published reports provide excellent descriptions of the distribution, density and orientation of the various vein sets and their relationship to different rock types. 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. Results of the 1993 exploration are summarized in the following sections.

SOIL GEOCHEMISTRY

The soil samples were collected from a 1500 by 1200 m grid approximately centred on the area of known mineralization on the Lad claims. Soil development was poor, especially at higher elevations, and most samples consisted of poorly developed B horizon material. A total of 192 soil samples were taken at 100 m intervals on compass- and toposil-controlled lines spaced 100 m apart using the cut line along the B.C.-Yukon border as a baseline. Sample locations were marked with 50 cm wooden pickets bearing aluminum tags inscribed with the grid coordinates and sample numbers. Thirteen silt samples were also taken from small streams draining the claims. Soil and silt sample locations are shown on Figure 4 in the pocket.

All samples were sent to Chemex Labs Ltd. in North Vancouver where they were dried, screened to -35 mesh and pulverized to yield a 10 gm split which was then geochemically analyzed for gold by neutron activation and 32 other elements using the induced coupled plasma (ICP) technique. The Certificates of Analyses are included in Appendix III.

Gold analyses are plotted on Figure 5 in the pocket. Samples from most parts of the grid returned background values of 10 ppb Au or less. The largest area of anomalous response lies along the contact between a diorite stock and sediments immediately south of the border. It is approximately 800 m in diameter and exhibits concentric zonation with weakly to moderately anomalous values (25 to 100 ppb Au) surrounding a 600 by 100 m, north-trending band of strongly anomalous values (101 to 273 ppb Au) that cuts obliquely across a ridge crest. A small area (200 by 100 m) of weak to moderate gold response is located 100 m southwest of the main anomaly.

Gold geochemical results show a high positive correlation with copper and molybdenum and a moderate positive correlation with tungsten and bismuth. Silver, lead, zinc and arsenic are only weakly correlated with gold. Tungsten values generally show the greatest enrichment over regional background but copper, molybdenum and bismuth are also strongly anomalous. The highest single value for each of the main metals came from an isolated sample taken along the baseline near the western edge of the main anomaly. This sample returned 273 ppb Au, 16.8 ppm Ag, 1535 ppm As, 1085 ppm Bi, 1065 ppm Cu, 952 ppm Mo, 552 ppm Pb, 1850 ppm W and 2450 ppm Zn.

ROCK AND DRILL CORE SAMPLING

Chip samples and/or representative specimens were collected from all major rock types and the main vein sets to determine their gold potential. The samples were taken by a geologist during prospecting traverses. They were collected in two phases, one during the soil sampling program and the other after the soil results were obtained and areas of anomalous response delineated. The second phase also included resampling of core from a 1977 drill hole (77-3) which was quartered on site.

A total of 169 rock and core samples were collected and sent to Chemex Labs where they were dried, crushed and pulverized to produce a one assay ton split. Samples from the first phase were analyzed for gold by atomic absorption and geochemically analyzed for 32 elements using the ICP technique. The second phase samples were treated the same but were also assayed for copper and tungsten. Sample and drill hole locations are shown on Figure 4 while Certificates of Analyses are in Appendix III. Drill Logs with Assays are in Appendix IV.

Analyses of chip samples, representative rocks and drill core all returned disappointing results and do not adequately explain the soil geochemical anomalies. The highest chip sample assay was 0.72 g/t Au from a 1 m wide granodiorite dyke while the best representative specimen assay was 1.11 g/t Au from a 10 cm wide quartz vein. Both samples were located in the southeastern part of the grid in the vicinity of the smaller soil geochemical anomaly. The highest gold value from the drill core was 0.15 g/t over 1.5 m which was obtained from two skarn intervals near the top of the hole.

Many of the rock samples returned strongly anomalous values for other metals but none were high enough to be of immediate economic interest.

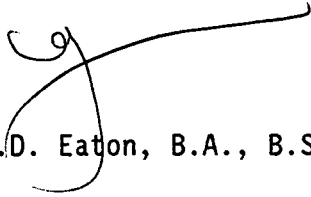
CONCLUSION

The Lad claims exhibit widespread tungsten-molybdenum mineralization and are strategically located relative to the Logtung tungsten-molybdenum deposit. Current metal prices are too low to justify exploration for these metals at this time.

Although soil geochemistry has outlined a sizeable gold anomaly, prospecting and rock sampling has failed to locate the source. Further gold exploration should be conducted in conjunction with exploration for other metals and will require some form of mechanical subsurface testing, either backhoe trenching or diamond drilling.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



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

## REFERENCES

Harris, F.R. (1978):

1977 Property Report, Logtung Property, unpublished company report for Amax Potash Limited, p.43.

Harris, F.R. (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  
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  
COST STATEMENT

Statement of Expenditures  
LAD 1 & 2 Claims  
December 9, 1993

Labour

H. Copland (geologist) - June 6 - 1/2, 7 - 2/3, 8 - 1/3, 9 - 1/2, 12 - 1/2, 13-14, 17 - 1/2, Aug. 1, 2 - 1/2, 3, 6 - 1/2, 8 - total 9 days at \$321/day	\$ 2,889.00	
K. Wallis (field ass't) - June 6 - 1/2, 7 - 2/3, 8 - 1/3, 9 - 1/2, 12 - 1/2, 13 - 2/3, 14, 15 - 1/4, 16 - 1/4, 17 - 1/2 - total 5 1/6 days at \$192.60/day	995.11	
I. Gibson - Aug. 2 - 1/2, 3, 6 - 2 1/2 days at \$168.53/day	<u>421.33</u>	\$ 4,305.44

Expenses

Field room & board - 16 2/3 mandays at \$74.90	1,248.36	
Norcan Leasing - truck rental - June 6 to Aug. 8 - total 15 days at \$53.50/day	802.50	
Points North - freight to Chemex Labs	115.00	
Chemex Labs Ltd. -		
192 soils at \$14.40 for Au & 32 element ICP	2,765.73	
13 silts at \$14.40 for Au & 32 element ICP	187.26	
49 drill core at \$24.24 for Au, Cu & 32 element ICP	1,187.54	
79 rocks at \$41.09 for Au, Cu, Mo, Wo3 & 32 element ICP	3,245.95	
28 rocks at \$32.82 for Au, WO3, Mo & 32 element ICP	919.02	
13 rocks at \$16.77 for Au & 32 element ICP	<u>218.03</u>	<u>10,689.39</u>
		14,994.83

Report Preparation

10%		<u>1,499.48</u>
		<u>\$16,494.31</u>



TITLE OF REPORT [type of survey(s)] Soil sampling and prospecting report	TOTAL COST \$16,494.31
---	---------------------------

AUTHOR(S) W.D. Eaton SIGNATURE(S) \_\_\_\_\_

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) SMT-93-0101150-76/May 11/93 YEAR OF WORK 1993

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) \_\_\_\_\_

PROPERTY NAME Logtung

CLAIM NAME(S) (on which work was done) Lad 1 and 2

COMMODITIES SOUGHT Gold, tungsten and molybdenum

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 1040 016

MINING DIVISION Atlin NTS 1040/13F

LATITUDE 59 ° 59 ' 50 ' N LONGITUDE 131 ° 37 ' 00 ' W (at centre of work)

OWNER(S)

1) Regional Resources Ltd. 2) \_\_\_\_\_

MAILING ADDRESS

12th Floor, 20 Toronto Street  
Toronto, Ontario  
M5C 2B8

OPERATOR(S) (who paid for the work)

1) NDU Resources Ltd. 2) \_\_\_\_\_

MAILING ADDRESS

1016 - 510 West Hastings Street  
Vancouver, B.C.  
V6B 1L8

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and altitude):

Cretaceous, Intrusion, Skarn, Vein, Scheelite, Molybdenum

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS

AR 6491, 12715

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL (number of samples analysed for ...)</b>			
Soil	192 Au & 32 element ICP	Lad 1 & 2	\$15,517.40
Silt	13 Au & 32 element ICP	Lad 1 & 2	
Rock	120 Au, W, Mo, Cu & 32 element ICP	Lad 1 & 2	
Other	49 Au, Cu & 32 element ICP	Lad 1 & 2	
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	1:5000 2 km x 2 km	Lad 1 & 2	976.91
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
<b>TOTAL COST</b>			<b>\$16,494.31</b>

APPENDIX III  
CERTIFICATES OF ANALYSES



# Chemex Labs Ltd.

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

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

P.O. BOX 4127  
 WHITEHORSE, YT  
 Y1A 3S9

Project: LTBC-77-3  
 Comments:

Page: 1-A  
 Total Pages: 2  
 Certificate Date: 30-AUG-93  
 Invoice No.: 19319360  
 P.O. Number:  
 Account: F

## CERTIFICATE OF ANALYSIS A9319360

SAMPLE	PREP CODE	Au oz/T FA+AA	Cu %	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 %
529681	208 274	0.0005	0.01	< 0.2	1.66	16	160	26.0	34	3.67	16.0	15	116	116	3.67	< 10	< 1	0.44	40	1.12
529682	208 274	0.0040	0.01	3.6	2.48	780	250	41.0	80	2.72	6.0	15	123	143	4.45	< 10	1	0.86	30	1.02
529683	208 274	0.0005	0.01	< 0.2	1.76	10	330	4.5	20	2.62	4.0	14	79	117	4.39	< 10	< 1	0.84	30	1.53
529684	208 274	0.0015	0.01	1.6	1.61	< 2	760	10.0	90	3.62	62.5	13	111	137	3.22	< 10	< 1	0.91	30	1.20
529685	208 274	0.0035	0.01	2.2	2.52	< 2	550	54.0	244	9.60	>100.0	24	203	131	3.73	< 10	< 1	0.83	20	2.34
529686	208 274	0.0040	< 0.01	27.0	2.61	46	2170	75.0	632	14.30	>100.0	19	107	45	2.67	< 10	< 1	1.21	< 10	1.54
529687	208 274	0.0010	0.01	5.2	1.48	22	560	28.5	106	7.09	68.0	9	161	81	1.86	< 10	< 1	0.45	40	1.03
529688	208 274	0.0005	< 0.01	0.6	2.12	12	720	56.5	42	7.91	22.5	8	132	57	2.05	< 10	< 1	0.68	40	1.36
529689	208 274	0.0010	< 0.01	0.6	1.91	264	360	18.5	40	7.14	26.5	7	99	68	1.65	< 10	< 1	0.72	40	0.97
529690	208 274	<0.0005	< 0.01	0.4	1.67	66	250	>100.0	28	5.84	4.0	7	99	61	1.76	< 10	< 1	0.67	40	1.25
529691	208 274	<0.0005	0.01	0.6	1.88	8	620	30.5	60	6.68	32.0	9	142	92	2.10	< 10	< 1	0.64	40	1.16
529692	208 274	<0.0005	0.02	< 0.2	1.24	8	150	10.5	22	3.99	1.0	22	181	268	4.41	< 10	< 1	0.58	40	2.17
529693	208 274	<0.0005	0.01	0.2	2.23	8	580	64.5	40	10.35	7.0	14	153	88	2.77	< 10	< 1	1.05	20	1.77
529694	208 274	<0.0005	< 0.01	0.4	1.70	< 2	420	49.5	50	11.80	16.0	8	137	48	1.84	< 10	< 1	0.34	20	1.15
529695	208 274	<0.0005	< 0.01	0.2	1.49	14	310	27.0	20	11.55	6.0	4	98	28	1.46	< 10	< 1	0.28	20	1.06
529696	208 274	0.0005	0.01	0.2	2.43	8	740	24.5	42	5.27	4.0	15	281	106	2.85	< 10	< 1	1.23	40	2.18
529697	208 274	<0.0005	0.01	< 0.2	1.69	2	290	22.5	16	4.85	1.0	20	392	93	2.89	< 10	< 1	1.02	30	3.49
529698	208 274	0.0025	< 0.01	0.2	3.56	< 2	1020	>100.0	150	8.71	11.0	10	172	74	2.31	< 10	< 1	1.01	30	1.85
529699	208 274	<0.0005	0.01	< 0.2	1.38	16	160	58.5	40	3.58	9.5	16	187	109	3.16	< 10	< 1	0.56	40	1.78
529700	208 274	0.0005	0.02	0.2	1.40	< 2	190	35.5	30	5.26	18.0	10	158	128	2.46	< 10	< 1	0.29	40	1.15
529701	208 274	<0.0005	< 0.01	0.2	2.05	10	750	18.0	14	5.39	3.0	8	141	62	1.93	< 10	< 1	0.82	40	1.22
529702	208 274	<0.0005	0.01	0.4	2.63	20	660	82.0	18	6.51	6.5	13	197	91	2.70	< 10	< 1	0.82	40	1.58
529703	208 274	0.0030	0.01	0.8	2.55	18	900	57.5	184	9.96	44.5	10	149	83	2.02	< 10	< 1	0.86	20	1.01
529704	208 274	<0.0005	0.01	0.2	2.68	26	810	41.0	32	11.05	21.5	8	168	53	1.98	< 10	< 1	0.65	20	1.03
529705	208 274	0.0015	0.01	0.6	2.14	18	310	30.5	92	11.10	28.5	7	123	44	2.02	< 10	< 1	0.24	20	1.03
529706	208 274	<0.0005	< 0.01	0.6	2.52	22	950	61.0	52	11.35	10.5	9	116	37	2.47	< 10	< 1	0.69	20	1.52
529707	208 274	0.0030	0.01	0.6	4.01	30	1350	63.0	112	9.80	21.0	11	123	90	2.42	< 10	< 1	1.40	20	0.92
529708	208 274	<0.0005	0.01	< 0.2	1.55	6	160	68.5	6	5.31	< 0.5	10	233	30	1.97	< 10	< 1	0.66	30	2.73
529709	208 274	0.0005	0.01	0.2	1.64	22	150	32.5	46	8.90	7.0	11	170	67	2.83	< 10	< 1	0.32	20	3.01
529710	208 274	0.0015	0.01	1.2	2.35	14	730	25.0	152	9.64	17.5	12	189	123	2.81	< 10	1	0.56	20	1.10
529711	208 274	0.0015	0.02	0.6	1.75	8	180	28.5	72	8.01	10.5	12	137	122	2.38	< 10	< 1	0.18	30	1.03
529712	208 274	0.0020	0.02	2.6	2.19	8	800	49.5	150	8.24	22.5	14	158	178	3.44	< 10	< 1	0.67	30	1.53
529713	208 274	0.0020	0.01	0.2	4.07	6	1630	98.0	76	9.22	17.0	10	116	109	2.51	< 10	< 1	1.43	30	0.92
529714	208 274	0.0030	0.02	0.4	2.92	< 2	1060	30.0	130	8.98	16.5	12	112	147	2.53	< 10	< 1	0.88	30	0.89
529715	208 274	<0.0005	0.01	0.4	2.45	< 2	470	18.0	20	4.75	4.5	19	222	100	3.71	< 10	< 1	1.25	40	2.48
529716	208 274	0.0005	0.01	0.6	2.68	12	320	25.0	12	3.02	< 0.5	19	169	114	3.66	< 10	1	1.22	30	2.03
529717	208 274	0.0005	0.01	0.4	2.01	4	200	15.5	24	2.32	< 0.5	15	117	86	3.83	< 10	< 1	0.98	40	1.70
529718	208 274	0.0010	0.01	0.6	2.05	20	90	9.0	30	3.17	< 0.5	32	126	120	4.74	< 10	< 1	0.49	40	1.82
529719	208 274	<0.0005	0.01	0.2	2.55	< 2	200	13.5	10	3.55	< 0.5	23	251	93	3.96	< 10	< 1	0.95	30	2.73
529720	208 274	<0.0005	0.01	0.6	1.81	< 2	120	22.0	10	3.31	0.5	23	216	104	3.76	< 10	1	0.62	30	2.26

CERTIFICATION: *Hunt Buchler*



# Chemex Labs Ltd.

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

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

P.O. BOX 4127  
 WHITEHORSE, YT  
 Y1A 3S9

Project: LTBC-77-3  
 Comments:

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 Certificate Date: 30-AUG-93  
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 P.O. Number:  
 Account: F

## CERTIFICATE OF ANALYSIS

## A9319360

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
529681	208	274	1020	17	0.13	62	1610	4	< 2	11	85	0.35	< 10	< 10	209	190	834
529682	208	274	1080	52	0.10	25	1270	366	36	13	72	0.30	< 10	< 10	189	270	408
529683	208	274	945	24	0.27	20	1160	12	4	18	69	0.38	< 10	< 10	165	80	278
529684	208	274	1135	19	0.33	22	1140	62	2	12	173	0.31	< 10	< 10	128	670	2650
529685	208	274	2370	26	0.67	49	1680	94	6	17	498	0.28	< 10	< 10	139	930	>10000
529686	208	274	3140	18	0.49	31	1700	354	6	9	674	0.15	< 10	< 10	122	550	>10000
529687	208	274	1320	13	0.33	28	1000	92	6	8	267	0.18	< 10	< 10	116	1160	3060
529688	208	274	1660	9	0.58	27	1210	46	6	9	337	0.20	< 10	< 10	103	410	1150
529689	208	274	1155	9	0.15	22	1190	28	10	6	274	0.13	< 10	< 10	76	130	1080
529690	208	274	1335	47	0.10	16	1090	38	8	7	200	0.14	< 10	< 10	54	200	236
529691	208	274	1215	11	0.48	27	1270	64	4	8	266	0.20	< 10	< 10	104	110	1470
529692	208	274	935	23	0.17	50	1320	18	4	12	93	0.35	< 10	< 10	105	120	124
529693	208	274	1985	9	0.54	40	1280	30	2	10	308	0.26	< 10	< 10	100	430	444
529694	208	274	1920	13	0.29	24	1450	54	6	7	237	0.21	< 10	< 10	111	200	830
529695	208	274	1480	2	0.22	22	1520	30	< 2	6	244	0.19	< 10	< 10	81	40	438
529696	208	274	970	11	0.37	69	1330	26	< 2	18	230	0.27	< 10	< 10	134	100	290
529697	208	274	910	6	0.19	143	1420	4	< 2	15	149	0.28	< 10	< 10	117	70	148
529698	208	274	1540	17	0.96	48	1070	34	6	11	467	0.22	< 10	< 10	136	280	598
529699	208	274	695	10	0.17	54	1380	4	< 2	11	137	0.35	< 10	< 10	117	40	506
529700	208	274	1060	31	0.26	33	1370	4	2	9	142	0.27	< 10	< 10	132	130	872
529701	208	274	640	8	0.27	21	1030	14	8	8	133	0.21	< 10	< 10	105	40	216
529702	208	274	845	19	0.75	46	1050	8	10	12	293	0.27	< 10	< 10	140	120	372
529703	208	274	1145	27	0.69	34	1030	60	6	9	373	0.19	< 10	< 10	132	690	2050
529704	208	274	1655	15	0.64	28	1020	18	8	9	408	0.18	< 10	< 10	129	240	1065
529705	208	274	1325	14	0.26	25	1420	42	4	6	198	0.17	< 10	< 10	106	200	1285
529706	208	274	2150	16	0.60	32	1350	38	8	9	329	0.17	< 10	< 10	201	240	660
529707	208	274	1660	33	1.02	31	1120	34	10	12	464	0.18	< 10	< 10	148	190	1070
529708	208	274	1005	8	0.20	72	1380	8	2	17	117	0.34	< 10	< 10	124	110	100
529709	208	274	1710	17	0.23	47	1410	16	8	14	237	0.29	< 10	< 10	189	240	474
529710	208	274	1690	27	0.58	68	2240	46	4	10	322	0.27	< 10	< 10	362	240	942
529711	208	274	1395	20	0.18	54	2070	26	6	7	167	0.24	< 10	< 10	232	270	562
529712	208	274	1855	25	0.60	43	1460	94	6	15	239	0.23	< 10	< 10	209	1270	1180
529713	208	274	1675	49	1.11	39	2480	14	8	10	444	0.22	< 10	< 10	254	260	884
529714	208	274	1115	87	0.48	64	1390	8	6	9	253	0.24	< 10	< 10	304	460	860
529715	208	274	1280	17	0.37	77	1290	16	4	13	257	0.30	< 10	< 10	157	220	316
529716	208	274	905	16	0.23	50	1300	14	4	17	146	0.32	< 10	< 10	110	50	132
529717	208	274	785	8	0.18	35	1660	14	6	15	79	0.36	< 10	< 10	118	60	108
529718	208	274	850	6	0.12	49	1910	14	4	14	79	0.35	< 10	< 10	139	40	92
529719	208	274	1140	28	0.15	80	1200	12	6	17	82	0.30	< 10	< 10	117	10	130
529720	208	274	815	7	0.14	84	1170	2	4	14	112	0.29	< 10	< 10	107	20	98

CERTIFICATION:

*Stewart Suckler*





# 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.

P.O. BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project: LTBC-77-3  
Comments:

Pages: 2-A  
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Invoice No.: 19319360  
P.O. Number:  
Account: F

## CERTIFICATE OF ANALYSIS

### A9319360

SAMPLE	PREP CODE	Au oz/T FA+AA	Cu %	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 %
529721	208 274	<0.0005	0.01	< 0.2	1.00	12	70	8.5	10	2.68	< 0.5	18	101	129	3.59	< 10	< 1	0.41	40	1.50
529722	208 274	0.0005	0.01	0.2	1.28	< 2	70	13.0	24	3.02	0.5	16	102	136	3.43	< 10	< 1	0.33	40	1.44
529723	208 274	0.0010	0.01	0.2	2.49	16	460	15.5	20	3.38	< 0.5	18	125	141	4.02	< 10	< 1	1.29	40	2.01
529724	208 274	0.0020	0.01	< 0.2	2.55	34	460	17.5	70	3.69	< 0.5	14	125	108	3.04	< 10	< 1	1.02	40	1.59
529725	208 274	0.0005	0.01	< 0.2	1.33	< 2	100	12.0	24	2.78	1.5	18	167	92	3.29	< 10	< 1	0.51	40	1.55
529726	208 274	0.0005	< 0.01	0.2	2.77	8	510	29.5	16	3.23	< 0.5	20	227	112	4.13	< 10	< 1	1.77	40	2.68
529727	208 274	<0.0005	< 0.01	< 0.2	1.60	< 2	160	19.0	14	3.71	1.5	11	146	60	2.34	< 10	< 1	0.37	40	1.15
529728	208 274	0.0005	0.01	0.2	2.09	16	400	23.5	30	5.49	6.0	14	196	132	3.31	< 10	< 1	0.68	40	1.55
529729	208 274	0.0005	0.01	0.2	1.55	8	90	17.0	26	6.24	11.5	10	125	109	2.26	< 10	< 1	0.13	50	0.57

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

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

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

P.O. BOX 4127  
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Y1A 3S9

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## CERTIFICATE OF ANALYSIS

### A9319360

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
529721	208	274	600	12	0.15	39	1920	4	< 2	11	56	0.37	< 10	< 10	129	10	74
529722	208	274	660	4	0.16	33	1800	12	8	10	62	0.35	< 10	< 10	117	150	84
529723	208	274	900	10	0.40	33	1730	10	< 2	21	152	0.36	< 10	< 10	150	80	110
529724	208	274	770	47	0.30	30	1450	12	2	15	152	0.32	< 10	< 10	144	110	106
529725	208	274	685	13	0.15	51	1280	10	< 2	10	40	0.32	< 10	< 10	119	130	148
529726	208	274	915	13	0.46	62	1200	6	8	17	167	0.39	< 10	< 10	132	30	126
529727	208	274	600	72	0.19	37	1010	10	8	9	117	0.24	< 10	< 10	83	80	134
529728	208	274	1195	52	0.36	70	1380	6	4	12	164	0.22	< 10	< 10	235	670	384
529729	208	274	980	157	0.14	85	1770	20	4	6	184	0.25	< 10	< 10	340	50	574

CERTIFICATION:

*Handwritten signature*



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Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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Client: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127  
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Y1A 3S9

Project: LTBC  
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Account : F

## CERTIFICATE OF ANALYSIS A9319351

SAMPLE	PREP CODE	Au oz/T FA+AA	WO3 %	Mo %	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
529774	208 274	<0.0005	0.03	0.032	0.8	1.00	14	110	3.5	4	3.51	< 2.0	20	159	144	4.35	< 10	< 1	0.52	< 10
529775	208 274	0.0035	0.03	0.001	0.6	1.77	6	80	1.0	80	0.84	< 0.5	11	73	114	4.22	< 10	< 1	0.56	10
529776	208 274	0.0015	0.05	0.001	0.4	1.91	2	120	1.0	22	0.72	< 0.5	9	125	247	4.36	< 10	< 1	0.77	10
529777	208 274	0.0025	0.04	< 0.001	0.4	1.75	6	60	1.0	40	0.76	< 0.5	8	74	115	3.59	< 10	< 1	0.38	10
529778	208 274	0.0030	0.05	0.002	0.8	1.69	6	120	1.5	56	0.61	< 0.5	8	165	131	4.31	< 10	< 1	0.87	10
529779	208 274	0.0015	0.03	0.001	0.4	1.29	4	30	0.5	40	0.67	< 0.5	7	85	103	3.11	< 10	< 1	0.25	10
529780	208 274	0.0005	0.03	0.001	0.2	1.36	12	60	0.5	14	0.68	< 0.5	6	97	97	2.97	< 10	< 1	0.45	10
529781	208 274	0.0020	0.05	0.002	0.4	1.11	4	40	0.5	34	0.51	< 0.5	7	78	179	3.81	< 10	< 1	0.37	10
529782	208 274	0.0015	0.06	0.002	1.2	1.62	10	80	1.0	58	0.50	< 0.5	5	82	164	5.12	< 10	< 1	0.57	10
529783	208 274	0.0005	0.03	0.001	0.6	1.75	< 2	40	0.5	2	0.64	< 0.5	6	45	141	4.44	< 10	< 1	0.30	10
529784	208 274	0.0005	0.04	< 0.001	1.0	2.06	6	100	1.5	12	0.92	< 0.5	9	47	206	5.58	< 10	< 1	0.71	10
529785	208 274	0.0010	0.04	< 0.001	0.6	1.73	4	90	0.5	14	0.94	< 0.5	10	65	163	4.93	< 10	< 1	0.68	10
529786	208 274	0.0015	0.05	< 0.001	0.4	2.12	2	70	2.0	22	0.82	< 0.5	13	146	101	4.27	< 10	< 1	0.55	10
529787	208 274	0.0010	0.07	< 0.001	0.4	1.87	< 2	70	1.0	38	0.86	< 0.5	10	168	97	4.15	< 10	< 1	0.47	10
529795	208 274	0.0005	0.22	< 0.001	0.4	0.96	< 2	130	2.0	26	0.73	< 0.5	2	64	91	2.63	< 10	< 1	0.36	10
529796	208 274	<0.0005	0.03	< 0.001	0.4	1.05	2	90	2.5	18	0.56	0.5	2	73	78	3.13	< 10	< 1	0.30	10
529797	208 274	0.0010	0.05	< 0.001	0.4	1.23	8	100	5.5	22	0.51	0.5	2	77	87	3.06	< 10	< 1	0.29	10
529798	208 274	<0.0005	0.06	< 0.001	0.4	0.89	< 2	130	10.5	36	0.39	< 0.5	1	85	40	1.73	< 10	< 1	0.51	10
529799	208 274	0.0010	0.13	0.001	0.4	0.91	< 2	100	7.5	52	1.13	< 0.5	3	113	67	2.22	< 10	< 1	0.42	10
529800	208 274	0.0005	0.04	0.001	0.4	1.44	4	110	11.0	28	1.50	1.0	4	118	73	2.37	< 10	< 1	0.51	20
529853	208 274	0.0130	0.87	< 0.001	0.8	0.58	2	630	19.5	252	1.24	< 0.5	< 1	201	1	0.26	< 10	< 1	0.54	< 10
529854	208 274	0.0325	0.38	0.022	4.8	0.36	4	370	8.5	1040	0.67	0.5	1	212	16	0.48	< 10	< 1	0.22	< 10
529855	208 274	0.0005	0.04	0.001	0.2	1.49	< 2	70	5.5	20	1.95	1.0	11	88	100	3.00	< 10	< 1	0.36	10
529856	208 274	0.0220	0.58	0.031	11.6	0.65	< 2	310	7.5	950	1.58	< 0.5	3	232	13	0.62	< 10	< 1	0.50	< 10
529857	208 274	0.0015	0.04	< 0.001	0.4	1.26	6	80	1.5	42	0.78	0.5	8	146	110	2.70	< 10	< 1	0.55	20
529858	208 274	0.0005	0.03	0.010	0.2	1.26	2	70	1.0	16	0.47	< 0.5	4	130	70	2.61	< 10	< 1	0.52	10
529859	208 274	0.0005	0.02	0.001	0.2	1.33	< 2	90	1.5	20	0.40	< 0.5	7	152	92	2.90	< 10	< 1	0.61	10
529860	208 274	0.0015	0.02	0.003	0.4	1.31	16	70	1.0	28	0.37	< 0.5	6	109	108	2.87	< 10	< 1	0.52	10

CERTIFICATION:

*Walter Buchler*



# Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver  
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P.O. BOX 4127  
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 Y1A 3S9

Project: LTBC  
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## CERTIFICATE OF ANALYSIS

A9319351

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
529774	208 274	1.57	1165	294	0.03	45	790	8	< 2	18	164	0.01	20	< 10	87	30	196
529775	208 274	1.39	585	7	0.08	15	1170	4	2	10	21	0.18	10	< 10	120	20	80
529776	208 274	1.59	585	6	0.07	36	1160	6	< 2	11	18	0.21	20	< 10	128	40	82
529777	208 274	1.17	505	4	0.08	11	1140	4	2	8	23	0.19	10	< 10	103	70	58
529778	208 274	1.60	685	13	0.07	14	1100	4	< 2	10	16	0.18	20	< 10	105	150	74
529779	208 274	0.92	335	3	0.07	12	1020	4	< 2	4	18	0.15	10	< 10	74	20	34
529780	208 274	0.95	360	5	0.08	9	980	6	< 2	5	23	0.17	10	< 10	82	10	44
529781	208 274	0.82	310	12	0.05	9	1060	8	< 2	3	18	0.16	< 10	< 10	84	30	34
529782	208 274	1.37	505	10	0.06	4	1080	20	2	10	26	0.18	10	< 10	152	80	56
529783	208 274	1.23	380	1	0.07	3	1270	2	< 2	8	25	0.17	10	< 10	136	< 10	36
529784	208 274	1.57	615	1	0.10	3	1420	8	2	12	31	0.20	20	< 10	172	10	64
529785	208 274	1.26	415	< 1	0.11	4	1360	4	2	10	32	0.21	10	< 10	164	< 10	50
529786	208 274	1.85	745	1	0.07	28	1560	8	< 2	11	18	0.16	20	< 10	124	20	90
529787	208 274	1.68	715	4	0.07	22	1480	10	< 2	8	20	0.15	20	< 10	112	230	64
529795	208 274	0.76	415	11	0.07	8	1150	2	< 2	8	23	0.13	< 10	< 10	90	1090	48
529796	208 274	0.84	340	9	0.05	3	1080	4	< 2	7	25	0.13	< 10	< 10	94	30	76
529797	208 274	0.90	365	7	0.06	6	1170	6	< 2	7	31	0.10	< 10	< 10	97	80	88
529798	208 274	0.78	340	4	0.06	4	610	4	< 2	8	23	0.13	< 10	< 10	83	90	56
529799	208 274	0.81	385	16	0.05	5	840	4	< 2	7	43	0.16	10	< 10	93	730	78
529800	208 274	0.92	595	8	0.05	12	960	2	< 2	6	66	0.16	10	< 10	80	100	142
529853	208 274	0.02	460	6	0.09	2	20	8	< 2	7	89	< 0.01	< 10	< 10	2	330	6
529854	208 274	0.12	275	230	0.04	5	100	40	2	9	36	0.01	< 10	< 10	14	750	62
529855	208 274	1.17	570	4	0.08	15	1070	8	< 2	10	47	0.13	10	< 10	94	70	112
529856	208 274	0.30	225	355	0.03	10	170	438	12	3	30	0.02	< 10	< 10	26	970	30
529857	208 274	1.07	465	11	0.06	19	920	14	< 2	8	27	0.13	10	< 10	73	80	86
529858	208 274	1.08	365	90	0.05	8	930	6	< 2	7	14	0.16	10	< 10	75	40	64
529859	208 274	1.13	460	15	0.05	20	870	6	< 2	8	14	0.14	20	< 10	75	50	90
529860	208 274	1.08	385	21	0.04	13	990	10	< 2	8	21	0.13	10	< 10	79	60	94

CERTIFICATION: *Heidi Buchler*



# Chemex Labs Ltd.

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

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

P.O. BOX 4127  
 WHITEHORSE, YT  
 Y1A 3S9

Project: LTBC  
 Comments:

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 Invoice No.: 19319073  
 P.O. Number:  
 Account: F

## CERTIFICATE OF ANALYSIS A9319073

SAMPLE	PREP CODE		Au	Cu	Mo	WO3	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K
			g/t	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
529730	208	274	< 0.03	0.01	0.006	< 0.01	< 0.2	0.67	20	50	2.0	6	1.16	2.0	12	63	112	2.52	10	1	0.27
529731	208	274	< 0.03	0.01	0.005	< 0.01	0.4	1.29	< 2	80	1.0	32	0.51	0.5	4	80	97	3.06	< 10	1	0.55
529732	208	274	< 0.03	0.01	0.004	< 0.01	0.2	1.61	< 2	90	2.0	10	0.76	< 0.5	9	106	108	2.73	< 10	2	0.35
529733	208	274	< 0.03	0.01	0.002	< 0.01	< 0.2	1.22	10	90	3.0	24	1.94	1.0	10	82	129	2.90	< 10	1	0.48
529734	208	274	< 0.03	0.01	0.005	< 0.01	0.4	1.67	14	100	3.0	18	1.17	1.5	8	113	115	2.69	< 10	1	0.56
529735	208	274	< 0.03	0.01	0.009	0.01	0.2	1.61	< 2	70	2.0	26	0.97	0.5	9	129	110	3.01	< 10	1	0.61
529736	208	274	< 0.03	0.01	0.003	< 0.01	0.2	2.34	< 2	110	3.5	8	1.47	0.5	13	244	98	3.62	10	2	0.86
529737	208	274	< 0.03	0.01	0.014	0.04	0.4	1.34	4	20	1.5	26	0.94	0.5	9	90	117	3.21	< 10	1	0.11
529738	208	274	< 0.03	0.01	0.004	0.02	0.4	1.27	< 2	20	1.5	10	1.26	0.5	7	89	104	2.79	< 10	< 1	0.14
529739	208	274	< 0.03	0.01	0.006	0.02	0.2	1.19	< 2	30	1.0	22	0.67	0.5	5	70	131	2.79	< 10	1	0.26
529740	208	274	< 0.03	0.01	0.004	< 0.01	0.2	1.43	< 2	70	3.5	26	1.08	0.5	7	94	106	2.96	< 10	< 1	0.49
529741	208	274	< 0.03	0.02	0.003	< 0.01	0.4	1.48	< 2	50	1.5	18	1.28	1.0	9	103	144	3.28	< 10	< 1	0.37
529742	208	274	< 0.03	0.01	0.001	< 0.01	0.4	1.44	< 2	60	9.5	6	1.38	0.5	10	86	127	3.12	< 10	< 1	0.41
529743	208	274	< 0.03	0.01	0.002	< 0.01	< 0.2	1.33	< 2	60	4.5	12	2.03	0.5	7	131	140	3.19	< 10	1	0.35
529744	208	274	< 0.03	0.01	0.002	< 0.01	0.2	1.03	4	40	2.0	12	1.10	3.0	8	76	108	2.44	< 10	< 1	0.25
529745	208	274	< 0.03	0.01	0.002	< 0.01	0.2	1.81	< 2	130	6.0	38	1.84	1.5	10	111	109	2.67	< 10	< 1	0.58
529746	208	274	< 0.03	0.01	0.001	< 0.01	0.2	1.54	< 2	110	2.0	30	1.22	1.0	8	86	103	3.10	< 10	< 1	0.57
529747	208	274	< 0.03	0.01	0.002	0.03	0.4	1.44	6	130	4.0	26	1.52	< 0.5	9	126	142	3.73	< 10	< 1	0.57
529748	208	274	< 0.03	0.02	0.004	0.02	0.6	1.56	10	70	9.0	26	1.83	< 0.5	10	74	174	3.91	< 10	< 1	0.39
529749	208	274	< 0.03	0.01	0.002	0.02	0.8	1.36	< 2	180	3.0	34	1.56	1.5	10	132	137	3.92	< 10	< 1	0.68
529750	208	274	< 0.03	0.02	0.002	< 0.01	0.4	1.49	12	50	4.0	2	2.06	< 0.5	16	65	181	3.83	< 10	< 1	0.34
529751	208	274	< 0.03	0.02	0.003	< 0.01	0.2	1.35	12	60	8.5	18	2.02	0.5	15	72	177	3.50	< 10	< 1	0.26
529752	208	274	< 0.03	0.02	0.010	< 0.01	0.2	1.81	< 2	80	15.5	10	2.48	0.5	16	80	219	3.90	< 10	< 1	0.38
529753	208	274	< 0.03	0.01	0.002	< 0.01	0.2	2.42	< 2	230	3.5	10	2.07	1.5	13	124	142	4.08	< 10	< 1	0.89
529754	208	274	< 0.03	0.01	0.002	0.02	0.2	2.30	8	220	1.0	6	0.99	1.0	16	120	114	4.24	< 10	2	1.10
529755	208	274	< 0.03	0.01	0.001	0.04	0.4	1.87	< 2	200	8.0	22	1.51	2.0	10	97	100	3.40	< 10	< 1	0.91
529756	208	274	< 0.03	0.01	0.004	0.01	0.2	1.85	< 2	30	9.5	4	3.04	3.5	9	54	106	2.84	< 10	< 1	0.10
529757	208	274	< 0.03	0.01	0.002	< 0.01	0.2	2.16	8	220	18.5	26	2.99	0.5	14	158	102	3.34	< 10	< 1	0.83
529758	208	274	< 0.03	0.01	0.003	< 0.01	0.4	2.13	4	250	7.0	10	1.85	< 0.5	12	133	85	3.46	< 10	< 1	1.00
529759	208	274	< 0.03	0.01	0.001	< 0.01	< 0.2	2.25	24	140	16.0	8	4.55	0.5	11	91	83	3.73	< 10	< 1	0.62
529760	208	274	< 0.03	0.01	0.002	< 0.01	< 0.2	2.39	2	140	6.0	8	2.32	0.5	10	97	103	3.76	< 10	< 1	0.71
529761	208	274	< 0.03	0.01	0.002	0.01	0.2	2.14	16	300	4.5	26	0.94	< 0.5	12	95	96	4.32	< 10	< 1	1.07
529762	208	274	< 0.03	0.01	0.001	< 0.01	0.2	2.08	< 2	350	4.0	20	1.02	2.0	15	97	112	4.40	< 10	< 1	1.13
529763	208	274	< 0.03	0.01	0.002	0.03	0.2	2.03	< 2	310	5.0	14	1.06	0.5	14	112	106	4.31	< 10	< 1	1.07
529764	208	274	< 0.03	0.01	0.002	0.08	0.4	1.71	< 2	270	7.5	24	1.28	2.0	11	92	79	4.11	< 10	< 1	1.02
529765	208	274	< 0.03	0.01	0.003	0.02	0.4	1.76	< 2	420	1.0	66	0.75	1.0	6	97	54	4.38	< 10	< 1	1.40
529766	208	274	< 0.03	0.01	0.002	< 0.01	0.2	1.53	< 2	220	1.0	20	0.76	< 0.5	4	72	48	3.96	< 10	< 1	0.90
529767	208	274	< 0.03	0.01	0.004	0.19	0.4	1.49	16	200	8.5	66	1.85	4.0	8	75	113	4.62	< 10	< 1	0.70
529768	208	274	< 0.03	0.02	0.007	0.03	0.6	2.32	24	360	35.0	16	2.75	< 0.5	11	73	206	5.29	10	< 1	0.96
529769	208	274	< 0.03	0.02	0.002	< 0.01	0.6	1.56	14	200	35.5	44	1.44	8.0	6	69	170	4.94	< 10	< 1	0.65

CERTIFICATION:

*Hart Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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Client: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127  
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 Y1A 3S9

Project : LTBC  
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 Total Pages : 2  
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 Account : F

## CERTIFICATE OF ANALYSIS A9319073

SAMPLE	PREP CODE		La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
529730	208	274	30	0.31	520	56	0.02	16	650	14	2	6	50	< 0.01	< 10	< 10	19	40	200
529731	208	274	20	1.02	325	49	0.07	3	870	< 2	4	9	23	0.22	< 10	< 10	125	60	50
529732	208	274	20	1.24	400	35	0.09	13	1040	6	< 2	8	25	0.19	< 10	< 10	95	70	62
529733	208	274	40	1.01	605	11	0.09	15	720	14	2	8	62	0.12	< 10	< 10	46	60	100
529734	208	274	30	1.18	530	52	0.09	15	910	6	2	9	32	0.18	< 10	< 10	73	80	146
529735	208	274	20	1.52	500	91	0.08	12	970	4	< 2	11	30	0.27	< 10	< 10	94	80	60
529736	208	274	30	2.52	830	37	0.12	42	1010	2	2	13	29	0.27	< 10	< 10	109	50	122
529737	208	274	30	1.27	475	154	0.04	12	1030	6	2	9	17	0.20	< 10	< 10	102	170	80
529738	208	274	30	1.28	505	38	0.05	10	790	< 2	4	9	21	0.20	< 10	< 10	73	40	70
529739	208	274	20	0.93	310	54	0.05	13	990	8	< 2	6	19	0.18	< 10	< 10	72	60	54
529740	208	274	30	1.29	475	35	0.08	13	880	12	2	9	41	0.24	< 10	< 10	93	70	106
529741	208	274	30	1.09	405	27	0.10	17	1020	12	2	8	31	0.28	< 10	< 10	87	80	82
529742	208	274	30	1.18	415	9	0.11	12	1040	2	2	9	35	0.28	< 10	< 10	102	50	76
529743	208	274	30	1.52	530	16	0.12	14	880	10	2	7	35	0.22	< 10	< 10	89	20	88
529744	208	274	30	0.96	365	25	0.07	14	990	6	2	6	21	0.25	< 10	< 10	72	30	170
529745	208	274	40	1.28	525	21	0.21	17	950	4	4	10	59	0.23	< 10	< 10	97	110	128
529746	208	274	30	1.18	520	9	0.11	13	980	8	4	9	35	0.26	< 10	< 10	96	30	116
529747	208	274	30	1.38	580	17	0.13	18	1300	16	2	11	39	0.32	< 10	< 10	139	50	94
529748	208	274	30	1.22	545	34	0.11	15	1260	2	2	9	38	0.27	< 10	< 10	109	80	76
529749	208	274	30	1.45	600	21	0.12	14	1330	10	2	11	39	0.34	< 10	< 10	155	400	136
529750	208	274	30	1.18	395	18	0.11	14	1320	6	6	9	40	0.32	< 10	< 10	116	50	72
529751	208	274	30	1.18	440	30	0.09	14	1290	16	< 2	9	33	0.24	< 10	< 10	114	90	84
529752	208	274	30	1.31	490	93	0.17	15	1400	6	2	10	69	0.29	< 10	< 10	129	260	94
529753	208	274	30	1.50	755	19	0.23	23	1410	< 2	4	12	94	0.34	< 10	< 10	138	40	136
529754	208	274	20	2.02	445	19	0.17	49	1290	12	6	14	58	0.35	< 10	< 10	152	< 10	138
529755	208	274	30	1.55	565	11	0.14	19	1470	8	< 2	12	55	0.34	< 10	< 10	145	140	204
529756	208	274	40	0.43	635	36	0.19	16	1550	16	2	4	160	0.23	< 10	< 10	72	130	164
529757	208	274	40	1.58	820	23	0.23	41	1390	8	6	12	116	0.32	< 10	< 10	141	260	136
529758	208	274	30	1.79	895	26	0.12	31	1180	6	< 2	12	46	0.27	< 10	< 10	128	60	126
529759	208	274	30	1.30	1505	10	0.12	19	1450	22	4	10	70	0.26	< 10	< 10	115	310	136
529760	208	274	30	1.43	880	21	0.14	17	1330	8	< 2	10	84	0.30	< 10	< 10	132	140	122
529761	208	274	30	1.83	595	16	0.11	26	1440	8	4	11	44	0.28	< 10	< 10	146	230	126
529762	208	274	30	1.70	770	14	0.09	25	1360	2	< 2	12	36	0.21	< 10	< 10	129	140	208
529763	208	274	30	1.68	780	18	0.11	21	1440	16	4	12	38	0.26	< 10	< 10	131	80	154
529764	208	274	30	1.63	895	17	0.11	18	1360	< 2	2	12	39	0.36	< 10	< 10	145	340	172
529765	208	274	20	1.87	785	28	0.13	5	1340	2	< 2	14	37	0.38	< 10	< 10	155	90	130
529766	208	274	20	1.45	665	15	0.12	2	1310	12	< 2	9	42	0.38	< 10	< 10	138	< 10	78
529767	208	274	30	1.35	1140	39	0.13	3	1330	8	2	13	40	0.34	< 10	< 10	135	2010	272
529768	208	274	30	1.67	1440	65	0.37	10	1270	8	4	14	109	0.37	< 10	< 10	172	560	136
529769	208	274	30	1.28	1070	21	0.10	6	1210	12	< 2	11	41	0.37	< 10	< 10	146	150	458

CERTIFICATION: *Hunter Buchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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## CERTIFICATE OF ANALYSIS A9319073

SAMPLE	PREP CODE	Au g/t	Cu %	Mo %	WO3 %	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 %
529770	208 274	< 0.03	0.02	0.003	0.03	1.0	1.93	6	230	6.0	36	2.02	5.0	11	55	157	4.64	10	< 1	0.75
529771	208 274	< 0.03	0.01	0.006	0.01	0.4	1.12	4	90	3.5	20	1.80	2.0	10	96	127	3.89	< 10	< 1	0.32
529772	208 274	< 0.03	0.01	0.002	< 0.01	0.8	1.56	< 2	220	4.5	26	1.50	1.0	6	87	92	3.50	< 10	< 1	0.73
529773	208 274	< 0.03	0.01	0.002	0.02	0.8	0.88	< 2	130	2.0	12	1.21	1.0	6	86	88	3.11	< 10	< 1	0.54
545466	208 274	< 0.03	0.01	0.003	< 0.01	0.2	1.71	2	110	2.0	26	1.21	< 0.5	13	78	70	3.34	< 10	< 1	0.46
545467	208 274	< 0.03	< 0.01	0.049	0.02	< 0.2	0.59	6	40	20.0	54	0.40	< 0.5	8	223	32	1.62	< 10	< 1	0.21
545468	208 274	< 0.03	0.01	0.001	< 0.01	0.6	1.89	18	70	1.0	20	1.10	< 0.5	12	52	110	4.47	< 10	< 1	0.38
545469	208 274	< 0.03	0.01	0.003	< 0.01	0.6	1.80	16	80	1.5	16	1.06	< 0.5	9	52	115	4.28	< 10	< 1	0.48
545470	208 274	< 0.03	0.01	0.001	< 0.01	0.2	1.56	20	60	0.5	12	0.97	< 0.5	10	28	87	3.22	< 10	< 1	0.31
545471	208 274	< 0.03	0.01	0.012	0.02	0.6	1.99	12	140	1.0	18	1.15	< 0.5	16	61	105	3.98	< 10	< 1	0.78
545472	208 274	< 0.03	0.02	0.005	< 0.01	0.4	1.73	4	110	1.5	18	1.63	< 0.5	16	58	160	3.87	< 10	< 1	0.57
545473	208 274	< 0.03	0.01	0.002	< 0.01	0.4	1.54	< 2	30	1.0	16	1.08	< 0.5	15	35	115	3.58	< 10	< 1	0.26
545474	208 274	< 0.03	0.01	0.002	< 0.01	0.4	1.88	14	100	1.5	10	1.57	< 0.5	16	76	116	4.22	< 10	< 1	0.57
545475	208 274	< 0.03	0.01	0.002	< 0.01	0.6	1.86	2	80	1.5	30	1.27	< 0.5	15	78	134	4.09	< 10	< 1	0.50
545476	208 274	< 0.03	0.01	0.001	< 0.01	0.2	2.04	26	90	1.0	12	1.59	< 0.5	16	65	88	3.58	< 10	< 1	0.58
545477	208 274	< 0.03	0.02	0.002	< 0.01	0.8	2.97	12	370	2.0	24	1.81	< 0.5	18	85	176	4.71	< 10	< 1	1.37
545478	208 274	< 0.03	0.01	0.001	< 0.01	0.4	1.81	28	140	1.0	56	1.13	< 0.5	12	86	111	4.19	< 10	< 1	0.71
545479	208 274	< 0.03	0.01	0.002	< 0.01	0.4	1.48	14	70	1.0	16	1.03	< 0.5	16	97	104	3.75	< 10	< 1	0.50
545480	208 274	< 0.03	0.02	0.003	< 0.01	0.6	1.54	4	110	4.0	20	1.46	< 0.5	19	137	152	4.44	< 10	< 1	0.79
545481	208 274	< 0.03	0.02	0.004	< 0.01	0.4	1.46	< 2	60	4.0	24	1.27	1.0	15	105	166	4.15	< 10	< 1	0.42
545482	208 274	< 0.03	0.02	0.001	< 0.01	1.0	2.04	< 2	140	3.5	36	0.91	2.5	13	136	152	4.09	< 10	< 1	1.10
545483	208 274	< 0.03	0.01	< 0.001	< 0.01	0.4	1.68	8	80	1.0	14	1.24	< 0.5	11	146	87	3.53	< 10	< 1	0.66
545484	208 274	< 0.03	0.01	0.001	< 0.01	0.6	1.40	14	70	0.5	44	1.17	< 0.5	9	122	65	3.01	< 10	< 1	0.55
545485	208 274	< 0.03	0.01	0.001	< 0.01	0.2	1.76	8	100	1.0	26	1.15	< 0.5	11	156	71	3.53	< 10	< 1	0.80
545486	208 274	< 0.03	0.01	0.001	< 0.01	0.4	1.75	24	90	1.0	142	0.95	< 0.5	10	191	90	3.53	< 10	< 1	0.53
545487	208 274	< 0.03	0.01	0.001	0.01	0.4	1.81	14	140	1.0	38	1.10	< 0.5	10	165	64	3.37	< 10	< 1	0.76
545488	208 274	< 0.03	0.01	< 0.001	< 0.01	0.4	1.79	< 2	60	1.5	30	0.93	0.5	12	157	67	3.69	< 10	< 1	0.47
545489	208 274	< 0.03	0.01	0.001	0.01	1.0	1.64	2	70	77.0	38	0.95	0.5	10	137	78	3.50	< 10	< 1	0.50
545490	208 274	0.03	0.01	< 0.001	< 0.01	0.2	1.57	< 2	60	1.0	22	1.05	0.5	10	113	59	2.95	< 10	< 1	0.40
545491	208 274	0.10	0.01	< 0.001	< 0.01	0.6	1.80	< 2	50	1.5	36	1.07	< 0.5	12	148	68	3.47	< 10	< 1	0.44
545492	208 274	0.07	0.01	0.001	< 0.01	< 0.2	1.74	8	70	2.0	28	1.21	< 0.5	11	156	83	3.79	< 10	< 1	0.50
545493	208 274	0.03	0.01	0.001	< 0.01	0.4	1.70	10	100	5.5	16	1.14	1.5	11	105	117	2.99	< 10	< 1	0.81
545494	208 274	< 0.03	0.01	0.002	< 0.01	0.6	1.70	58	90	2.0	18	0.93	1.0	11	96	88	2.89	< 10	< 1	0.80
545495	208 274	< 0.03	0.01	0.004	0.03	0.8	1.33	4	80	4.0	14	0.97	0.5	11	98	124	3.37	< 10	< 1	0.45
545496	208 274	< 0.03	0.01	0.002	0.03	0.4	1.43	< 2	60	1.5	24	1.00	4.5	11	96	120	3.33	< 10	< 1	0.47
545497	208 274	< 0.03	0.01	0.008	0.02	0.2	1.72	30	130	2.0	14	0.72	< 0.5	9	131	129	3.75	< 10	< 1	0.63
545498	208 274	< 0.03	0.01	0.002	< 0.01	0.4	1.51	2	150	3.5	12	0.87	2.5	11	122	123	2.73	< 10	< 1	0.50
545499	208 274	< 0.03	0.01	0.007	< 0.01	< 0.2	1.80	18	130	3.0	2	0.89	1.0	9	133	55	2.24	< 10	< 1	0.91
545500	208 274	< 0.03	0.01	0.002	< 0.01	< 0.2	1.70	36	140	5.5	18	1.30	< 0.5	10	97	57	2.07	< 10	< 1	0.88

CERTIFICATION: *Hart Bickler*



# Chemex Labs Ltd.

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Project : LTBC  
 Comments:

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 Certificate Date : 28-AUG-93  
 Invoice No. : 19319073  
 P.O. Number :  
 Account : F

## CERTIFICATE OF ANALYSIS A9319073

SAMPLE	PREP CODE	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
529770	208 274	30	1.29	905	27	0.43	8	1190	22	< 2	11	101	0.25	< 10	< 10	115	240	248
529771	208 274	30	0.95	950	56	0.10	9	1290	16	< 2	7	25	0.23	< 10	< 10	83	140	148
529772	208 274	30	1.27	880	14	0.21	5	1440	6	< 2	9	72	0.27	< 10	< 10	118	150	130
529773	208 274	20	1.05	545	13	0.11	9	1410	4	2	7	35	0.28	< 10	< 10	106	200	84
545466	208 274	20	1.49	555	27	0.16	15	1210	< 2	< 2	8	27	0.22	< 10	< 10	91	80	74
545467	208 274	10	0.42	520	487	0.06	15	170	2	< 2	4	7	0.04	< 10	< 10	26	430	44
545468	208 274	20	1.29	550	6	0.16	10	1350	6	< 2	9	37	0.26	< 10	< 10	115	100	58
545469	208 274	20	1.28	570	21	0.13	10	1300	10	2	8	67	0.23	< 10	< 10	105	150	58
545470	208 274	20	0.92	370	4	0.14	9	1260	< 2	2	4	35	0.17	< 10	< 10	75	70	40
545471	208 274	20	1.44	655	122	0.18	13	1240	26	4	9	40	0.26	< 10	< 10	112	240	92
545472	208 274	30	1.35	645	55	0.16	17	1440	2	2	9	34	0.28	< 10	< 10	113	220	88
545473	208 274	20	1.06	445	14	0.10	16	1200	14	< 2	6	26	0.22	< 10	< 10	82	70	48
545474	208 274	30	1.51	700	24	0.19	18	1260	< 2	< 2	11	39	0.30	< 10	< 10	114	90	68
545475	208 274	20	1.41	560	14	0.17	14	1230	< 2	2	9	35	0.29	< 10	< 10	110	170	66
545476	208 274	30	1.24	545	13	0.25	17	1260	4	4	9	50	0.29	< 10	< 10	103	100	72
545477	208 274	50	2.44	860	16	0.30	30	1950	6	6	11	135	0.38	< 10	< 10	127	110	132
545478	208 274	30	1.60	580	7	0.16	14	1470	8	2	9	43	0.28	< 10	< 10	104	90	74
545479	208 274	20	1.36	430	15	0.13	32	1460	12	< 2	7	33	0.22	< 10	< 10	82	70	64
545480	208 274	20	1.83	730	27	0.13	33	1340	< 2	2	11	25	0.28	< 10	< 10	110	260	86
545481	208 274	20	1.33	495	36	0.11	24	1250	16	4	10	26	0.23	< 10	< 10	97	130	96
545482	208 274	30	1.74	740	12	0.11	20	930	18	4	14	25	0.19	< 10	< 10	107	140	230
545483	208 274	20	1.61	545	2	0.12	20	1570	8	4	10	26	0.33	< 10	< 10	113	50	70
545484	208 274	20	1.26	430	3	0.14	15	1460	8	2	7	28	0.32	< 10	< 10	101	70	56
545485	208 274	20	1.77	590	1	0.13	21	1520	2	4	9	30	0.31	< 10	< 10	116	60	70
545486	208 274	20	1.69	510	7	0.11	33	1490	8	6	6	25	0.27	< 10	< 10	95	90	58
545487	208 274	20	1.69	640	7	0.13	31	1330	10	2	7	27	0.29	< 10	< 10	104	100	70
545488	208 274	20	1.84	625	1	0.08	33	1480	14	2	8	17	0.27	< 10	< 10	109	60	68
545489	208 274	20	1.49	910	8	0.10	17	1360	14	2	7	22	0.25	< 10	< 10	93	220	142
545490	208 274	20	1.27	440	4	0.11	24	1430	8	< 2	4	24	0.28	< 10	< 10	85	50	52
545491	208 274	20	1.47	540	1	0.13	25	1440	12	4	6	27	0.30	< 10	< 10	99	60	60
545492	208 274	20	1.73	695	3	0.09	22	1330	16	2	8	17	0.32	< 10	< 10	104	50	80
545493	208 274	40	1.35	590	8	0.08	14	900	10	2	10	34	0.16	< 10	< 10	75	70	164
545494	208 274	30	1.24	660	18	0.07	18	850	22	2	10	22	0.13	< 10	< 10	74	110	136
545495	208 274	30	1.10	490	42	0.08	10	1040	4	4	9	17	0.18	< 10	< 10	75	150	90
545496	208 274	30	1.34	490	17	0.09	9	920	8	< 2	10	16	0.22	< 10	< 10	87	150	300
545497	208 274	20	1.55	530	80	0.09	10	1110	6	< 2	12	18	0.26	< 10	< 10	131	70	80
545498	208 274	30	1.20	395	20	0.10	17	780	12	< 2	8	24	0.21	< 10	< 10	72	90	270
545499	208 274	30	1.05	490	79	0.08	15	600	16	< 2	10	33	0.07	< 10	< 10	52	20	182
545500	208 274	30	0.65	480	27	0.07	16	770	14	4	10	69	0.02	< 10	< 10	49	80	132

CERTIFICATION: *Hart Buchler*





# Chemex Labs Ltd.

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Project: ARCHER CATHRO & ASSOC. (1981) LTD.  
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Page Number: 1  
Total Pages: 1  
Certificate Date: 13-JUL-93  
Invoice No.: 19316904  
P.O. Number:  
Account: F

Project: LTBC  
Comments:

## CERTIFICATE OF ANALYSIS A9316904

SAMPLE	PREP CODE	Sn ppm									
T1943	244 --	< 2									
T1945	244 --	< 2									
T1947	244 --	< 2									
T1949	244 --	< 2									
2018	244 --	< 2									
2020	244 --	2									
2022	244 --	2									
2024	244 --	2									

CERTIFICATION: Hart Buchler



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Project : LTBC  
 Comments:

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 Total Pages : 1  
 Certificate Date: 04-JUL-93  
 Invoice No. : 19316056  
 P.O. Number :  
 Account : F

## CERTIFICATE OF ANALYSIS A9316056

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
2193	203	205	7	0.2	1.60	20	150	3.0	< 2	0.28	< 0.5	10	61	26	2.41	10	< 1	0.14	20	0.53	445
2194	203	205	< 1	0.2	0.89	22	80	1.0	16	0.30	< 0.5	3	115	12	1.56	10	< 1	0.11	10	0.20	295
2195	203	205	4	0.2	1.16	46	90	1.5	36	0.26	< 0.5	6	74	30	2.43	10	< 1	0.09	10	0.39	320
2211	203	205	8	0.4	1.08	76	120	1.5	56	0.16	0.5	7	140	19	2.24	< 10	< 1	0.13	10	0.21	1185
2212	203	205	4	0.2	1.33	66	120	1.5	28	0.39	0.5	2	57	7	1.48	< 10	< 1	0.10	10	0.14	470
2213	203	205	2	0.2	1.65	24	100	1.0	6	0.25	< 0.5	9	82	19	2.28	< 10	< 1	0.11	10	0.48	430
2214	203	205	< 1	0.4	0.86	26	80	< 0.5	12	0.11	< 0.5	3	94	7	1.81	10	< 1	0.10	10	0.14	160
2215	203	205	4	0.2	1.88	20	100	1.0	< 2	0.27	< 0.5	10	71	21	2.67	10	< 1	0.12	10	0.56	410
2216	203	205	< 1	0.4	1.18	< 2	210	4.5	2	0.82	1.0	13	11	7	0.45	< 10	< 1	0.06	20	0.08	2390
2217	203	205	1	0.6	1.52	22	90	4.0	8	0.24	0.5	5	95	15	2.32	10	< 1	0.11	10	0.29	290
2218	203	205	4	0.8	3.02	36	200	18.0	12	0.57	1.0	8	77	37	2.66	10	< 1	0.16	20	0.46	535
2219	203	205	4	1.4	2.38	68	150	32.0	12	0.97	2.5	8	82	46	2.30	10	< 1	0.15	40	0.34	940
2222	203	205	4	0.2	1.42	58	130	4.0	4	0.49	0.5	11	95	30	2.50	10	< 1	0.16	20	0.61	580
2223	203	205	8	0.8	1.53	24	210	0.5	< 2	2.07	6.0	9	82	31	2.51	< 10	< 1	0.09	10	0.40	1520
2224	203	205	< 1	< 0.2	0.87	12	150	< 0.5	2	0.47	< 0.5	8	78	12	1.98	< 10	< 1	0.10	10	0.50	1130
2225	203	205	45	4.6	4.42	78	100	40.5	168	0.62	1.5	40	130	430	5.79	10	< 1	0.25	20	1.19	860
2226	203	205	72	4.2	3.97	54	150	40.5	242	0.58	3.5	93	165	541	7.93	20	< 1	0.48	20	1.59	2170
2227	203	205	127	2.8	3.29	64	100	11.5	184	0.52	< 0.5	17	117	436	8.17	20	< 1	0.30	30	1.27	605
2228	203	205	111	1.8	3.78	100	90	21.5	80	0.70	1.5	42	66	547	8.92	20	< 1	0.28	40	1.10	1210
2229	203	205	76	1.8	4.32	64	100	33.5	92	1.05	8.0	50	61	407	6.11	10	< 1	0.19	40	0.97	1910
2230	203	205	45	1.2	3.16	72	120	30.5	78	1.08	14.0	45	74	229	4.30	10	< 1	0.13	30	0.84	2690
2231	203	205	28	0.8	2.77	66	100	25.0	60	0.95	8.5	32	77	149	3.70	10	< 1	0.13	20	0.74	1980
2232	203	205	22	0.4	2.48	48	100	16.0	56	0.78	3.5	23	84	99	3.49	10	< 1	0.15	20	0.69	1665
2233	203	205	8	1.6	2.48	32	90	28.0	6	0.45	2.0	8	114	93	1.83	< 10	< 1	0.12	20	0.39	830
2234	203	205	46	0.8	1.79	20	90	14.0	8	0.55	2.0	10	85	67	2.28	< 10	< 1	0.14	20	0.50	710

CERTIFICATION:

*Hart Bickler*



# Chemex Labs Ltd.

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

P.O. BOX 4127  
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 Y1A 3S9

Project : LTBC  
 Comments:

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 Certificate Date: 04-JUL-93  
 Invoice No. : 19316056  
 P.O. Number :  
 Account : F

## CERTIFICATE OF ANALYSIS

A9316056

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
2193	203	205	1	0.01	30	580	8	2	3	20	0.09	10	< 10	45	< 10	72
2194	203	205	3	0.01	11	400	12	< 2	2	20	0.11	< 10	< 10	64	20	48
2195	203	205	10	0.01	17	510	24	< 2	2	25	0.09	< 10	< 10	68	40	100
2211	203	205	9	0.01	12	1160	74	< 2	1	24	0.02	< 10	< 10	34	80	80
2212	203	205	15	0.01	6	880	30	2	< 1	58	0.01	< 10	< 10	18	70	72
2213	203	205	1	0.01	26	630	14	2	3	16	0.09	< 10	< 10	43	< 10	70
2214	203	205	4	0.01	8	430	18	< 2	1	11	0.08	< 10	< 10	66	< 10	38
2215	203	205	1	0.01	27	620	10	< 2	3	17	0.11	< 10	< 10	54	< 10	76
2216	203	205	11	0.01	6	1750	20	2	< 1	62	< 0.01	10	< 10	7	10	30
2217	203	205	5	0.02	14	1050	16	< 2	2	24	0.06	10	< 10	50	10	50
2218	203	205	22	0.01	32	1830	14	2	2	41	0.03	10	< 10	61	20	176
2219	203	205	39	0.01	25	2690	20	2	2	48	0.01	30	90	54	60	134
2222	203	205	16	0.02	29	710	14	< 2	3	29	0.09	< 10	< 10	51	30	84
2223	203	205	7	0.01	27	1340	6	2	2	103	0.03	< 10	< 10	39	< 10	124
2224	203	205	< 1	0.02	20	550	2	< 2	2	27	0.07	< 10	< 10	35	< 10	46
2225	203	205	294	0.02	133	1540	140	< 2	9	54	0.08	10	< 10	74	350	410
2226	203	205	212	0.03	161	1480	196	2	12	68	0.14	< 10	< 10	104	380	430
2227	203	205	248	0.02	63	1530	100	2	10	54	0.11	10	< 10	90	270	212
2228	203	205	250	0.02	72	1660	50	2	16	80	0.09	10	< 10	84	200	544
2229	203	205	124	0.02	102	1890	60	< 2	12	114	0.07	10	< 10	78	150	1000
2230	203	205	64	0.02	82	1700	88	< 2	9	118	0.06	10	< 10	65	90	870
2231	203	205	51	0.02	69	1500	56	< 2	7	90	0.06	10	< 10	60	60	706
2232	203	205	94	0.02	48	1490	54	< 2	6	80	0.06	10	< 10	60	80	524
2233	203	205	47	0.01	37	970	14	< 2	4	32	0.05	30	100	32	70	212
2234	203	205	77	0.01	32	850	16	< 2	4	33	0.07	10	10	47	130	228

CERTIFICATION: *Hank Buchler*



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Project : LTBC  
Comments:

Page Number : 1-A  
Total Pages : 1  
Certificate Date: 29-JUN-93  
Invoice No. : 19316054  
P.O. Number :  
Account : F

## CERTIFICATE OF ANALYSIS

### A9316054

SAMPLE	PREP		Au oz/T	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
545401	208	274	<0.0005	0.4	0.40	< 2	30	1.5	8	0.07	< 0.5	1	171	3	0.59	< 10	< 1	0.27	20	0.06	315
545402	208	274	<0.0005	0.4	0.28	< 2	10	0.5	28	0.07	< 0.5	1	270	4	0.50	< 10	< 1	0.19	10	0.03	120
545403	208	274	<0.0005	0.2	0.04	< 2	< 10	9.0	< 2	0.18	< 0.5	< 1	300	2	0.28	< 10	< 1	0.03	< 10	< 0.01	40
545404	208	274	<0.0005	0.4	0.41	2	40	16.0	50	0.52	< 0.5	1	336	5	0.53	< 10	< 1	0.28	10	0.05	105
545405	208	274	<0.0005	0.4	0.43	4	30	38.5	38	0.51	< 0.5	1	234	5	0.49	< 10	< 1	0.29	10	0.06	90
545406	208	274	<0.0005	0.6	0.54	32	60	2.0	154	0.44	< 0.5	1	228	7	0.59	10	< 1	0.35	20	0.05	285
545407	208	274	0.0010	33.0	0.24	256	10	0.5	1810	0.16	0.5	1	327	15	0.52	< 10	< 1	0.15	< 10	0.01	385
545408	208	274	<0.0005	0.4	0.21	< 2	230	6.5	12	0.77	1.5	1	405	5	0.41	< 10	< 1	0.11	< 10	0.03	150
545409	208	274	0.0155	17.4	0.43	10	600	8.5	1040	1.20	< 0.5	1	311	5	0.38	< 10	< 1	0.41	< 10	0.02	950
545410	208	274	<0.0005	< 0.2	0.07	18	10	< 0.5	6	0.01	< 0.5	< 1	399	2	0.44	< 10	< 1	0.02	< 10	< 0.01	35
545411	208	274	<0.0005	0.2	0.24	56	60	< 0.5	4	0.04	0.5	1	297	9	0.89	< 10	< 1	0.07	< 10	0.08	55
545412	208	274	0.0210	2.8	0.71	6	220	23.5	852	1.16	0.5	2	310	14	0.56	< 10	< 1	0.37	< 10	0.14	140
545413	208	274	0.0010	0.4	1.02	70	90	1.5	12	0.83	5.0	6	110	101	2.09	10	< 1	0.18	10	0.44	215

CERTIFICATION: *Hart Buchler*



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

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

P.O. BOX 4127  
WHITEHORSE, YT  
Y1A 3S9

Project : LTBC  
Comments:

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## CERTIFICATE OF ANALYSIS

A9316054

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
545401	208	274	13	0.07	3	160	22	< 2	4	3	0.01	< 10	< 10	3	310	10
545402	208	274	49	0.07	4	90	18	< 2	2	2	< 0.01	< 10	< 10	2	140	4
545403	208	274	2	0.01	4	10	4	< 2	< 1	1	< 0.01	< 10	< 10	1	80	2
545404	208	274	3	0.10	5	150	10	< 2	4	12	< 0.01	< 10	< 10	6	820	4
545405	208	274	7	0.11	3	140	12	< 2	4	11	< 0.01	< 10	< 10	6	130	6
545406	208	274	6	0.07	3	240	22	< 2	4	18	< 0.01	< 10	< 10	4	750	12
545407	208	274	75	0.01	4	100	1100	200	4	17	< 0.01	< 10	< 10	2	780	12
545408	208	274	1	0.04	7	60	18	< 2	< 1	39	< 0.01	< 10	< 10	5	40	84
545409	208	274	24	0.05	7	40	74	< 2	24	66	< 0.01	< 10	< 10	2	420	22
545410	208	274	2	< 0.01	7	40	2	< 2	< 1	1	< 0.01	< 10	< 10	11	30	18
545411	208	274	16	< 0.01	21	220	8	< 2	2	5	< 0.01	< 10	< 10	101	30	186
545412	208	274	72	0.18	6	180	32	< 2	8	55	0.02	< 10	< 10	15	920	40
545413	208	274	8	0.07	14	1260	12	< 2	2	73	0.09	< 10	< 10	39	< 10	182

CERTIFICATION: *Hart Buchler*



# Chemex Labs Ltd.

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## CERTIFICATE OF ANALYSIS

### A9316053

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
2013	203	205	5	0.2	1.00	12	160	4.5	14	0.56	4.5	9	108	25	2.06	10	< 1	0.08	10	0.23	850
2014	203	205	7	0.2	1.31	30	130	7.5	12	1.12	15.5	13	71	35	2.00	10	< 1	0.08	10	0.36	1225
2015	203	205	7	1.0	1.03	74	50	3.5	2	0.86	4.5	10	55	64	2.00	< 10	< 1	0.03	20	0.15	400
2016	203	205	10	0.2	2.05	32	140	4.0	8	0.43	1.0	9	61	60	2.52	10	< 1	0.03	10	0.34	450
2017	203	205	24	1.4	3.98	290	130	27.0	22	1.90	26.0	27	190	217	3.78	20	< 1	0.18	20	1.43	1315
2018	203	205	36	1.6	2.61	78	100	23.5	60	1.14	15.5	38	56	236	4.74	10	1	0.10	30	0.50	1625
2019	203	205	23	0.8	3.05	92	170	17.0	46	1.05	7.5	26	181	103	3.71	10	< 1	0.19	20	1.61	1400
2020	203	205	220	1.8	3.07	392	110	30.5	104	1.21	16.0	31	68	295	6.28	10	< 1	0.15	30	0.91	1220
2021	203	205	100	1.6	3.91	56	90	13.0	68	0.41	6.5	60	75	533	8.86	10	< 1	0.18	30	1.22	1945
2022	203	205	146	2.2	3.38	406	110	7.5	82	0.19	1.5	86	82	585	10.35	10	< 1	0.30	40	1.14	2130
2023	203	205	67	10.2	3.07	50	120	12.0	336	0.50	2.5	67	199	296	6.75	10	< 1	0.48	10	1.79	1765
2024	203	205	85	5.0	2.87	292	40	10.0	140	0.49	10.5	63	92	389	8.80	10	< 1	0.13	20	2.51	3180
2025	203	205	17	0.4	1.93	18	110	1.5	38	0.29	< 0.5	28	77	128	3.83	< 10	< 1	0.09	10	0.65	375
2042	203	205	3	0.4	0.45	12	110	3.5	10	1.12	31.0	9	38	65	0.97	< 10	< 1	0.05	10	0.14	945
2043	203	205	2	0.8	1.06	12	90	7.5	14	0.72	4.0	11	141	48	2.25	< 10	< 1	0.03	10	0.14	900
2044	203	205	38	4.0	1.76	40	90	28.5	82	2.26	39.0	18	31	271	2.44	10	< 1	0.05	20	0.33	3020
2045	203	205	12	1.0	1.71	30	100	19.0	48	0.89	7.0	21	122	101	2.31	10	< 1	0.08	20	0.41	1430
2046	203	205	27	1.2	1.75	144	130	11.0	30	0.72	15.5	28	89	143	3.10	10	< 1	0.13	20	0.50	1265
2047	203	205	8	0.8	1.17	62	90	1.0	18	0.38	1.5	7	130	53	3.13	< 10	< 1	0.11	10	0.36	360
2048	203	205	101	0.8	2.89	268	80	19.0	90	1.05	9.0	23	57	149	3.66	10	< 1	0.05	20	0.41	1035
2049	203	205	99	2.4	3.70	158	90	24.0	102	0.71	21.0	42	67	449	6.31	10	< 1	0.09	40	0.88	1310
2050	203	205	67	2.6	1.86	100	120	11.5	156	0.67	8.0	50	142	217	5.21	< 10	< 1	0.29	10	0.91	1290
2076	203	205	< 1	0.4	0.36	4	320	< 0.5	< 2	0.82	3.0	9	31	24	0.82	< 10	< 1	0.14	10	0.17	2310
2080	203	205	91	4.2	2.11	98	120	16.5	238	0.54	7.0	57	178	416	8.09	10	< 1	0.40	20	1.09	1415
2081	203	205	40	2.8	1.83	98	100	8.0	170	0.39	1.5	36	79	284	7.01	10	< 1	0.17	20	0.81	1360
2082	203	205	273	16.8	2.70	1535	220	34.5	1085	0.27	2.0	18	210	1065	13.25	20	< 1	0.80	10	1.48	755
2094	203	205	92	1.0	1.43	50	240	15.0	132	1.54	10.5	24	80	96	2.60	10	< 1	0.10	20	0.69	2440
2095	203	205	31	0.4	0.52	28	620	10.5	54	3.35	42.0	6	38	43	0.95	< 10	< 1	0.04	< 10	0.08	2300
2096	203	205	4	0.4	1.12	36	100	4.0	18	0.51	5.0	7	107	33	2.46	10	< 1	0.11	10	0.36	625
2097	203	205	18	1.8	1.26	152	70	3.5	16	0.46	12.0	6	74	79	3.02	10	< 1	0.07	10	0.33	215
2098	203	205	9	0.4	1.98	48	110	8.5	14	0.58	3.0	13	96	56	2.84	10	< 1	0.09	20	0.49	895
2099	203	205	56	0.6	2.31	40	130	10.0	38	0.62	1.0	20	90	126	3.99	10	< 1	0.16	20	0.87	745
2100	203	205	48	1.0	2.38	36	110	6.5	34	0.26	< 0.5	20	72	161	5.01	10	< 1	0.23	10	0.63	850
2101	203	205	68	2.2	2.45	1385	110	25.0	90	0.73	10.5	34	117	283	5.10	10	< 1	0.14	20	0.73	2550
2102	203	205	3	1.0	0.45	20	170	3.5	16	0.90	34.0	30	43	44	1.09	< 10	< 1	0.15	10	0.23	2960
2103	203	205	27	1.2	3.51	60	130	6.0	160	0.43	0.5	22	92	285	5.20	10	< 1	0.38	10	1.11	970
2104	203	205	95	4.8	3.87	312	100	14.5	196	0.35	2.0	59	117	572	7.65	10	< 1	0.24	20	1.52	2220
2105	203	205	39	1.6	2.52	28	70	3.5	74	0.33	1.5	17	152	165	5.00	10	< 1	0.25	10	1.26	575
2106	203	205	14	0.8	1.73	22	90	3.0	86	0.26	0.5	13	96	105	3.82	10	< 1	0.17	10	0.67	560
2107	203	205	20	0.8	1.78	46	80	4.0	128	0.25	0.5	21	92	178	5.31	10	< 1	0.12	10	0.68	655

CERTIFICATION:

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## CERTIFICATE OF ANALYSIS

### A9316053

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2013	203 205	8	0.02	18	1440	18	< 2	< 1	71	0.03	< 10	< 10	116	60	154
2014	203 205	7	0.02	29	1470	22	2	2	71	0.05	< 10	< 10	66	70	452
2015	203 205	2	0.06	35	1210	44	< 2	1	77	0.04	< 10	< 10	35	20	294
2016	203 205	6	0.03	19	860	26	2	1	143	0.03	< 10	< 10	88	160	230
2017	203 205	8	0.02	178	1330	46	4	6	316	0.08	< 10	< 10	61	90	2450
2018	203 205	12	0.03	91	1840	68	2	4	154	0.04	10	< 10	57	170	1220
2019	203 205	6	0.04	110	1160	74	< 2	5	113	0.09	10	< 10	79	180	604
2020	203 205	16	0.03	79	1410	104	2	10	123	0.07	10	< 10	86	410	1350
2021	203 205	55	0.01	58	1390	38	2	15	58	0.10	10	< 10	111	240	580
2022	203 205	126	0.03	100	1270	68	4	16	53	0.09	20	< 10	85	360	408
2023	203 205	30	0.02	144	1080	428	4	8	43	0.11	< 10	< 10	96	320	556
2024	203 205	14	< 0.01	61	1210	222	2	22	32	0.03	10	< 10	76	110	680
2025	203 205	61	0.02	53	790	20	2	3	48	0.10	< 10	< 10	52	100	96
2042	203 205	20	0.01	24	1470	26	< 2	< 1	47	< 0.01	< 10	< 10	60	140	392
2043	203 205	9	0.02	27	1440	66	2	< 1	35	0.02	< 10	< 10	86	60	290
2044	203 205	8	0.03	62	2600	176	2	2	158	0.01	10	< 10	58	40	1830
2045	203 205	6	0.05	47	1430	46	2	2	90	0.08	10	< 10	50	140	460
2046	203 205	7	0.04	63	1860	56	< 2	4	90	0.08	< 10	< 10	75	80	738
2047	203 205	7	0.01	18	1310	34	2	1	40	0.05	< 10	< 10	106	30	154
2048	203 205	11	0.02	39	1230	70	2	2	145	0.04	< 10	< 10	55	120	712
2049	203 205	42	0.02	62	1980	78	2	8	91	0.08	10	< 10	96	60	1035
2050	203 205	34	0.02	78	1260	112	2	5	57	0.09	< 10	< 10	67	470	336
2076	203 205	7	0.01	7	1840	10	2	< 1	77	0.01	< 10	< 10	19	10	158
2080	203 205	41	0.03	87	1260	146	< 2	10	44	0.13	< 10	< 10	86	680	490
2081	203 205	43	0.01	60	830	120	< 2	10	29	0.11	< 10	< 10	69	420	224
2082	203 205	552	0.12	33	1850	522	8	20	142	0.04	< 10	< 10	109	1850	210
2094	203 205	18	0.04	35	1940	62	2	4	222	0.02	< 10	< 10	51	250	658
2095	203 205	13	0.01	13	2820	34	2	2	96	0.01	< 10	< 10	22	280	1295
2096	203 205	11	0.01	20	1290	36	< 2	1	54	0.04	< 10	< 10	114	100	248
2097	203 205	14	0.01	19	1550	18	< 2	1	46	0.06	< 10	< 10	80	40	350
2098	203 205	8	0.02	35	1300	40	< 2	2	60	0.09	< 10	< 10	100	70	388
2099	203 205	29	0.03	44	1000	18	< 2	5	47	0.13	< 10	< 10	78	300	214
2100	203 205	29	0.02	20	1340	18	2	3	30	0.10	< 10	< 10	90	290	116
2101	203 205	18	0.02	78	1240	390	2	6	55	0.08	< 10	< 10	87	360	872
2102	203 205	6	0.01	20	1700	22	< 2	< 1	69	0.01	< 10	< 10	24	80	370
2103	203 205	15	0.02	34	1370	42	< 2	6	210	0.12	< 10	< 10	100	260	138
2104	203 205	55	0.02	129	1460	184	2	13	66	0.13	10	< 10	107	460	440
2105	203 205	37	0.02	60	1280	38	2	4	44	0.17	< 10	< 10	109	70	144
2106	203 205	16	0.01	27	690	40	2	3	23	0.13	< 10	< 10	78	180	92
2107	203 205	44	0.02	37	900	58	< 2	4	19	0.12	< 10	< 10	68	200	134

CERTIFICATION:

*Hant Bickler*



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A9316053

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
2108	203	205	39	2.2	2.75	224	120	11.0	402	0.45	2.0	53	132	529	7.34	20	< 1	0.37	20	1.35	1350
2111	203	205	1	0.6	0.33	4	140	2.5	8	2.36	11.5	7	18	116	0.58	< 10	< 1	0.08	< 10	0.14	1500
2112	203	205	38	1.8	2.42	220	250	66.0	184	1.22	8.0	10	66	172	2.96	10	< 1	0.14	30	0.47	1060
2113	203	205	< 1	0.2	0.23	4	70	2.0	4	3.54	11.5	2	14	68	0.36	< 10	< 1	0.06	< 10	0.07	620
2114	203	205	2	0.4	0.26	8	70	1.5	4	2.33	9.5	6	11	35	0.56	< 10	< 1	0.04	< 10	0.06	575
2115	203	205	3	0.2	0.38	14	60	2.0	4	1.72	29.0	5	25	78	0.77	< 10	1	0.05	10	0.08	490
2116	203	205	5	0.4	0.65	34	210	3.0	6	0.48	3.5	29	58	29	1.39	< 10	< 1	0.11	< 10	0.11	3950
2117	203	205	24	0.4	2.12	76	110	3.5	24	0.51	1.0	15	102	115	3.67	10	< 1	0.14	10	0.65	505
2118	203	205	4	0.8	0.54	8	390	1.0	8	1.38	15.0	13	30	38	1.10	< 10	1	0.12	10	0.21	2430
2119	203	205	83	1.4	1.58	30	90	8.0	88	0.86	4.0	41	102	215	4.26	10	< 1	0.12	20	0.57	1195
2120	203	205	4	0.4	0.73	44	680	3.5	8	0.70	16.0	10	80	50	1.45	< 10	< 1	0.11	10	0.22	800
2121	203	205	9	0.6	0.54	24	280	2.0	16	0.45	16.5	4	75	38	1.22	< 10	< 1	0.08	< 10	0.26	400
2122	203	205	48	0.6	2.63	232	240	10.0	30	1.25	9.5	20	72	247	4.02	10	< 1	0.11	30	1.25	715
2123	203	205	2	0.2	0.97	26	130	2.0	6	0.46	2.0	7	126	25	1.96	10	< 1	0.10	10	0.31	1390
2124	203	205	16	0.4	1.56	62	110	5.0	12	0.38	1.5	7	83	30	2.36	10	< 1	0.07	10	0.47	420
2126	203	205	36	0.8	2.51	140	140	6.5	22	0.49	1.5	23	124	118	4.24	10	< 1	0.15	10	0.71	805
2127	203	205	29	0.6	2.17	122	110	14.0	80	0.47	2.0	29	153	179	5.30	10	< 1	0.27	10	1.07	900
2128	203	205	11	0.2	1.42	26	110	1.5	46	0.26	< 0.5	10	214	63	3.19	10	< 1	0.20	10	0.75	320
2129	203	205	21	1.2	2.50	34	110	6.0	122	0.41	1.0	21	182	225	4.89	10	< 1	0.24	20	1.29	595
2130	203	205	30	0.6	1.98	52	90	2.5	116	0.44	< 0.5	18	128	205	5.24	10	< 1	0.26	10	1.05	610
2131	203	205	14	0.6	0.59	14	70	0.5	14	0.58	7.0	7	54	26	1.26	< 10	< 1	0.15	< 10	0.23	450

CERTIFICATION:

*Hart Bickler*





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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
2108	203	205	156	0.02	102	1250	150	2	12	54	0.15	10	< 10	95	710	270
2111	203	205	5	0.01	59	1950	14	< 2	< 1	59	< 0.01	< 10	< 10	12	40	220
2112	203	205	18	0.02	68	2000	106	6	4	146	0.02	10	< 10	112	360	686
2113	203	205	2	0.01	33	1430	16	2	< 1	34	0.01	< 10	< 10	10	20	184
2114	203	205	15	< 0.01	24	1650	18	2	< 1	45	< 0.01	< 10	< 10	19	10	218
2115	203	205	6	0.01	31	1930	14	2	1	27	0.01	< 10	< 10	28	20	274
2116	203	205	14	0.01	13	2480	28	< 2	< 1	45	< 0.01	< 10	< 10	44	40	96
2117	203	205	8	0.02	47	1000	42	2	3	51	0.10	< 10	< 10	99	60	182
2118	203	205	6	0.01	20	1530	12	< 2	1	112	0.02	< 10	< 10	21	70	286
2119	203	205	19	0.02	74	1350	110	< 2	4	59	0.09	< 10	< 10	66	290	370
2120	203	205	5	< 0.01	26	2210	38	2	< 1	69	< 0.01	< 10	< 10	43	130	326
2121	203	205	8	0.03	30	1300	20	< 2	< 1	47	0.01	< 10	< 10	37	170	248
2122	203	205	11	0.02	79	1780	30	4	6	121	0.06	10	< 10	64	170	2250
2123	203	205	13	0.02	19	1550	18	< 2	< 1	40	0.03	< 10	< 10	98	110	282
2124	203	205	8	0.01	31	1050	22	2	1	46	0.06	< 10	< 10	90	80	274
2126	203	205	11	0.02	54	1500	28	2	3	43	0.09	< 10	< 10	115	90	296
2127	203	205	11	0.03	63	1070	42	< 2	7	56	0.14	< 10	< 10	95	540	288
2128	203	205	6	0.02	50	840	18	< 2	2	30	0.12	< 10	< 10	91	90	92
2129	203	205	12	0.02	88	1140	34	< 2	6	61	0.14	< 10	< 10	89	90	174
2130	203	205	14	0.02	51	760	28	2	5	88	0.16	< 10	< 10	88	240	130
2131	203	205	6	0.01	16	1540	14	< 2	< 1	48	0.01	< 10	< 10	31	30	96

CERTIFICATION:

*David H. Buckler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127  
 WHITEHORSE, YT  
 Y1A 3S9

Project : LTBC  
 Comments:

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 Certificate Date: 21-JUN-93  
 Invoice No. : 19315549  
 P.O. Number :  
 Account : F

## CERTIFICATE OF ANALYSIS A9315549

SAMPLE	PREP CODE		Au	NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
T1766	203	205	11	< 0.2	1.96	64	100	2.5	30	0.41	0.5	8	51	16	2.60	10	< 1	0.12	10	0.34	1405	
T1767	203	205	16	< 0.2	1.51	198	80	5.0	48	0.45	0.5	7	68	3	1.93	10	< 1	0.17	20	0.29	1415	
T1768	203	205	< 1	< 0.2	2.00	10	90	1.0	12	0.22	1.0	8	65	22	2.76	10	< 1	0.16	10	0.61	410	
T1769	203	205	< 1	< 0.2	1.43	6	90	1.0	6	0.17	0.5	6	93	9	2.34	< 10	< 1	0.10	10	0.32	390	
T1770	203	205	6	0.2	1.28	24	120	2.0	< 2	0.22	< 0.5	10	75	11	2.19	< 10	< 1	0.10	10	0.30	1060	
T1771	203	205	< 1	< 0.2	1.23	8	70	< 0.5	8	0.16	< 0.5	4	82	9	2.49	< 10	< 1	0.08	10	0.32	195	
T1772	203	205	< 1	< 0.2	1.32	2	70	0.5	10	0.18	< 0.5	4	76	10	2.14	< 10	< 1	0.08	< 10	0.38	205	
T1773	203	205	6	0.2	1.43	24	280	16.5	22	0.78	3.5	20	95	20	2.48	10	< 1	0.11	10	0.29	6300	
T1774	203	205	< 1	< 0.2	1.12	4	120	0.5	2	0.23	< 0.5	6	82	9	2.22	< 10	< 1	0.09	10	0.32	255	
T1775	203	205	1	0.2	1.06	16	790	2.0	< 2	0.18	0.5	17	87	10	2.03	< 10	< 1	0.10	< 10	0.22	>10000	
T1776	203	205	3	0.2	1.46	12	60	4.5	12	0.29	< 0.5	4	70	15	1.90	< 10	< 1	0.08	10	0.29	405	
T1777	203	205	6	< 0.2	1.52	6	90	2.5	10	0.26	< 0.5	7	85	16	2.82	< 10	< 1	0.12	10	0.44	420	
T1792	203	205	5	0.6	1.20	20	120	1.5	22	0.18	0.5	6	68	11	2.20	< 10	< 1	0.11	10	0.24	1820	
T1793	203	205	4	< 0.2	1.17	30	70	1.5	28	0.18	< 0.5	7	59	8	1.89	< 10	< 1	0.09	20	0.31	870	
T1794	203	205	5	< 0.2	1.10	30	60	1.0	28	0.14	< 0.5	5	84	7	1.62	< 10	< 1	0.11	10	0.24	650	
T1795	203	205	2	< 0.2	1.35	52	80	0.5	24	0.16	< 0.5	9	85	14	2.93	< 10	< 1	0.11	10	0.40	445	
T1796	203	205	2	< 0.2	1.46	14	90	1.5	< 2	0.20	< 0.5	8	69	14	2.00	< 10	< 1	0.11	10	0.38	520	
T1797	203	205	< 1	< 0.2	1.17	20	90	2.0	8	0.24	< 0.5	6	97	13	2.66	< 10	< 1	0.09	10	0.36	345	
T1798	203	205	38	1.0	1.16	28	70	0.5	16	0.27	< 0.5	6	89	10	2.40	< 10	< 1	0.08	10	0.31	330	
T1799	203	205	2	< 0.2	1.15	6	90	1.5	2	0.13	< 0.5	3	89	3	1.40	< 10	< 1	0.09	10	0.24	250	
T1800	203	205	< 1	< 0.2	1.15	8	120	4.0	< 2	0.28	< 0.5	6	82	8	1.78	< 10	< 1	0.09	10	0.27	290	
T1801	203	205	< 1	< 0.2	1.25	6	110	3.5	2	0.34	< 0.5	6	79	14	2.15	< 10	< 1	0.09	10	0.40	380	
T1802	203	205	3	0.2	1.96	< 2	70	2.0	12	0.21	< 0.5	7	62	15	2.17	< 10	< 1	0.08	10	0.37	400	
T1803	203	205	< 1	0.2	1.38	6	60	0.5	10	0.14	< 0.5	6	71	9	2.54	10	< 1	0.09	10	0.36	325	
T1804	203	205	40	0.8	3.73	72	130	27.5	86	1.04	6.0	38	69	233	4.78	10	< 1	0.11	20	0.93	2520	
T1820	203	205	11	0.2	1.26	234	120	1.5	18	0.14	< 0.5	5	63	14	2.71	10	< 1	0.11	10	0.19	970	
T1821	203	205	4	0.6	1.31	42	70	7.0	40	0.42	5.0	4	38	41	1.54	< 10	< 1	0.15	20	0.31	970	
T1822	203	205	6	0.2	1.20	30	120	6.0	44	0.42	1.0	7	83	28	2.00	< 10	< 1	0.14	10	0.34	885	
T1823	203	205	10	< 0.2	1.78	26	150	13.5	114	0.63	3.5	12	88	57	2.83	< 10	< 1	0.12	10	0.51	1155	
T1824	203	205	21	0.4	2.09	74	150	17.0	76	0.73	6.0	16	81	99	2.84	10	< 1	0.13	20	0.49	1515	
T1825	203	205	15	< 0.2	1.52	< 2	140	8.5	24	0.58	2.5	12	77	27	2.36	10	< 1	0.06	10	0.35	1755	
T1826	203	205	12	< 0.2	1.46	< 2	100	10.0	38	0.48	2.0	13	74	30	2.13	< 10	< 1	0.07	10	0.32	1505	
T1827	203	205	14	0.2	1.45	20	110	12.0	36	0.74	3.0	12	69	49	2.50	< 10	< 1	0.09	10	0.57	1020	
T1828	203	205	1	< 0.2	1.75	12	70	1.0	14	0.18	< 0.5	8	100	18	3.43	10	< 1	0.08	10	0.36	425	
T1829	203	205	1	0.2	1.47	8	90	2.0	8	0.27	< 0.5	7	96	12	2.14	< 10	< 1	0.11	10	0.47	285	
T1830	203	205	4	< 0.2	0.91	16	90	7.5	30	0.95	< 0.5	2	168	15	1.66	10	< 1	0.11	10	0.15	790	
T1831	203	205	6	0.2	3.01	68	220	21.0	16	0.72	1.0	13	103	41	3.22	10	< 1	0.21	20	0.56	870	
T1832	203	205	14	< 0.2	0.60	26	90	2.0	18	0.39	< 0.5	3	153	21	1.70	< 10	< 1	0.12	10	0.16	195	
T1833	203	205	10	3.0	1.24	40	110	2.5	70	0.36	< 0.5	6	127	29	2.53	< 10	< 1	0.16	10	0.43	540	
T1834	203	205	8	0.2	0.97	34	110	1.5	14	0.28	< 0.5	5	120	17	2.02	< 10	< 1	0.14	10	0.20	320	

CERTIFICATION:

*Hart Bickler*



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## CERTIFICATE OF ANALYSIS

### A9315549

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
T1766	203	205	11	0.02	14	640	36	2	4	163	0.06	< 10	< 10	37	30	62
T1767	203	205	27	0.02	11	380	60	6	6	99	0.03	< 10	30	25	90	50
T1768	203	205	3	0.01	19	660	28	2	2	22	0.10	< 10	< 10	56	10	74
T1769	203	205	3	0.01	19	850	16	2	1	14	0.05	< 10	< 10	51	10	68
T1770	203	205	4	0.01	12	870	24	< 2	1	16	0.07	< 10	< 10	51	10	56
T1771	203	205	2	0.01	11	510	20	< 2	2	12	0.09	< 10	< 10	68	< 10	42
T1772	203	205	2	0.01	14	450	6	< 2	2	14	0.07	< 10	< 10	52	10	66
T1773	203	205	58	0.02	11	2800	24	2	2	47	0.04	< 10	10	99	80	132
T1774	203	205	5	0.01	13	410	14	< 2	2	17	0.07	< 10	< 10	57	< 10	52
T1775	203	205	14	0.02	10	680	34	< 2	1	16	0.06	< 10	20	79	60	82
T1776	203	205	10	0.01	12	800	18	2	2	22	0.09	< 10	< 10	65	120	68
T1777	203	205	10	0.01	21	530	8	< 2	3	13	0.09	< 10	< 10	62	40	80
T1792	203	205	6	0.01	13	830	34	< 2	3	18	0.04	< 10	10	38	30	50
T1793	203	205	3	0.02	18	570	26	< 2	3	29	0.06	< 10	< 10	32	20	46
T1794	203	205	15	0.02	13	490	38	< 2	3	14	0.04	< 10	< 10	29	10	62
T1795	203	205	8	0.01	14	590	26	2	2	15	0.09	< 10	< 10	67	30	58
T1796	203	205	4	0.02	23	540	8	< 2	3	16	0.08	< 10	< 10	41	10	68
T1797	203	205	6	0.01	13	360	10	2	2	20	0.08	< 10	< 10	65	40	64
T1798	203	205	2	0.01	15	540	24	2	2	19	0.06	< 10	< 10	46	20	100
T1799	203	205	2	0.01	6	490	16	< 2	1	14	0.10	< 10	< 10	47	10	44
T1800	203	205	10	0.01	8	550	4	< 2	2	20	0.08	< 10	< 10	52	10	36
T1801	203	205	7	0.02	14	500	16	< 2	2	22	0.08	< 10	< 10	60	40	68
T1802	203	205	4	0.01	20	550	10	< 2	3	13	0.08	< 10	< 10	47	20	80
T1803	203	205	4	0.01	12	460	6	< 2	3	10	0.10	< 10	< 10	65	10	56
T1804	203	205	74	0.02	74	1940	78	< 2	8	124	0.06	< 10	< 10	80	110	820
T1820	203	205	11	0.01	11	1020	28	2	2	95	0.06	< 10	< 10	46	10	66
T1821	203	205	5	0.01	23	540	46	4	10	28	< 0.01	< 10	< 10	14	20	282
T1822	203	205	10	0.02	18	960	32	2	3	47	0.05	< 10	< 10	69	90	212
T1823	203	205	31	0.02	34	1200	26	4	4	78	0.06	< 10	< 10	80	210	386
T1824	203	205	31	0.02	62	1610	70	2	5	55	0.07	< 10	< 10	74	390	460
T1825	203	205	7	0.01	24	1540	16	< 2	1	49	0.06	< 10	< 10	90	80	190
T1826	203	205	10	0.01	23	1390	28	2	2	46	0.04	< 10	< 10	70	160	196
T1827	203	205	4	0.02	39	1210	36	< 2	3	53	0.07	< 10	< 10	79	210	368
T1828	203	205	4	0.01	15	610	14	< 2	2	12	0.09	< 10	< 10	73	40	70
T1829	203	205	6	0.02	19	420	14	< 2	2	17	0.09	< 10	< 10	51	40	58
T1830	203	205	11	0.04	10	580	16	2	2	43	0.10	< 10	< 10	92	150	90
T1831	203	205	47	0.02	30	1710	26	< 2	5	43	0.04	< 10	50	88	60	154
T1832	203	205	22	0.03	11	390	8	< 2	2	26	0.10	< 10	< 10	87	40	78
T1833	203	205	9	0.02	17	560	28	2	2	27	0.11	< 10	< 10	90	100	102
T1834	203	205	10	0.02	10	330	16	2	2	28	0.07	< 10	< 10	62	20	74

CERTIFICATION:

*Hart Bickler*



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SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
T1835	203	205	5	< 0.2	0.81	16	80	0.5	14	0.13	< 0.5	3	73	10	1.50	10	< 1	0.09	10	0.10	140
T1836	203	205	3	0.4	1.28	12	110	0.5	6	0.15	< 0.5	3	195	8	2.09	10	< 1	0.17	10	0.18	490
T1837	203	205	< 1	< 0.2	1.50	20	100	1.0	6	0.32	< 0.5	10	122	22	2.26	< 10	< 1	0.15	10	0.52	575
T1838	203	205	< 1	< 0.2	1.10	76	100	1.5	38	0.27	0.5	4	110	14	2.07	< 10	< 1	0.14	10	0.25	660
T1852	203	205	5	0.2	1.93	4	120	2.5	46	0.31	< 0.5	11	69	22	2.66	< 10	< 1	0.11	10	0.61	655
T1853	203	205	8	0.4	0.87	78	60	7.0	72	0.14	< 0.5	4	65	7	1.41	< 10	< 1	0.17	20	0.16	1485
T1854	203	205	2	< 0.2	1.16	20	90	2.5	10	0.18	< 0.5	4	76	10	2.10	10	< 1	0.11	10	0.24	345
T1855	203	205	6	< 0.2	2.15	26	120	7.0	40	0.37	1.0	7	66	38	2.89	10	< 1	0.09	10	0.51	415
T1856	203	205	< 1	< 0.2	1.38	< 2	110	9.5	46	0.37	3.0	10	80	27	1.97	< 10	< 1	0.14	10	0.40	1835
T1857	203	205	11	< 0.2	1.61	12	90	11.5	38	0.71	1.0	10	72	46	2.19	< 10	< 1	0.07	10	0.47	770
T1858	203	205	10	< 0.2	1.34	12	110	12.5	38	0.99	2.5	9	113	34	2.50	10	< 1	0.14	10	0.44	1425
T1859	203	205	10	< 0.2	1.59	6	120	16.5	48	1.03	2.0	13	90	35	2.88	10	< 1	0.10	10	0.45	2010
T1860	203	205	8	< 0.2	1.43	10	150	10.5	38	1.16	2.0	12	97	17	2.41	10	< 1	0.06	10	0.33	2720
T1861	203	205	8	< 0.2	1.32	2	90	5.0	28	0.40	0.5	7	68	17	2.10	< 10	< 1	0.10	10	0.36	770
T1862	203	205	19	< 0.2	0.83	12	80	< 0.5	4	0.12	< 0.5	3	108	5	1.60	10	< 1	0.09	10	0.14	370
T1878	203	205	3	0.2	1.86	20	230	11.5	4	1.40	15.0	14	75	46	2.12	10	< 1	0.09	10	0.47	2010
T1879	203	205	8	0.2	1.45	< 2	80	15.5	8	1.30	7.0	11	66	60	1.59	< 10	< 1	0.07	10	0.21	885
T1880	203	205	11	< 0.2	1.81	32	130	13.5	22	0.68	2.5	12	71	63	2.88	< 10	< 1	0.10	10	0.56	795
T1881	203	205	7	< 0.2	1.10	152	120	10.0	32	0.73	6.5	11	107	39	1.87	10	< 1	0.19	10	0.32	1590
T1882	203	205	42	0.2	1.54	16	140	18.0	264	1.34	5.5	15	69	92	2.79	< 10	< 1	0.08	10	0.49	920
T1883	203	205	2	< 0.2	0.92	6	100	7.0	12	0.99	1.0	4	96	37	1.33	< 10	< 1	0.11	10	0.32	665
T1884	203	205	4	< 0.2	1.48	18	110	11.5	30	0.75	6.5	11	73	35	2.49	10	< 1	0.07	10	0.39	1875
T1885	203	205	2	0.2	0.78	2	190	9.5	28	0.67	7.0	6	72	14	1.20	< 10	< 1	0.06	< 10	0.09	1735
T1886	203	205	9	0.2	1.89	< 2	120	17.5	50	1.52	4.5	17	79	89	2.91	< 10	< 1	0.07	10	0.79	1420
T1887	203	205	63	2.6	3.35	68	170	44.0	142	1.65	36.5	27	64	203	4.05	10	< 1	0.08	20	1.17	5630
T1888	203	205	14	< 0.2	1.80	16	70	3.0	8	0.16	< 0.5	6	65	17	2.48	< 10	< 1	0.09	10	0.40	330
T1889	203	205	1	0.6	0.89	4	130	5.5	4	0.88	12.5	12	28	45	1.25	< 10	< 1	0.07	< 10	0.13	1600
T1890	203	205	3	< 0.2	1.10	66	160	9.0	6	0.81	1.5	11	105	54	2.00	< 10	< 1	0.15	10	0.46	1840
T1891	203	205	2	< 0.2	0.88	14	220	4.5	14	0.39	1.5	8	84	15	1.48	< 10	< 1	0.12	10	0.16	2230
T1892	203	205	7	< 0.2	1.02	20	120	6.5	14	0.92	3.0	9	88	29	1.99	10	< 1	0.08	10	0.29	740
T1893	203	205	2	0.4	0.96	20	130	8.0	12	2.12	7.0	6	30	64	1.14	< 10	< 1	0.04	< 10	0.21	950
T1894	203	205	7	< 0.2	1.59	10	120	10.0	20	0.90	1.5	10	68	37	2.12	< 10	< 1	0.07	10	0.49	790
T1895	203	205	3	0.2	0.80	16	70	6.5	20	1.08	10.0	7	44	26	1.10	< 10	< 1	0.07	< 10	0.18	1020
T1896	203	205	15	< 0.2	1.38	18	100	16.5	26	1.60	0.5	8	73	32	2.35	10	< 1	0.09	10	0.44	1215
T1897	203	205	3	1.0	1.52	12	100	51.5	40	7.70	11.5	7	105	17	1.94	< 10	< 1	0.10	30	1.70	4260
T1898	203	205	23	1.2	3.01	40	110	63.5	88	5.81	23.5	11	66	77	2.15	10	< 1	0.19	20	1.17	3970
T1899	203	205	118	0.8	3.07	14	100	9.5	114	0.46	0.5	17	98	333	6.04	10	< 1	0.26	20	1.04	575
T1900	203	205	3	< 0.2	1.23	6	130	3.5	6	0.39	1.5	7	131	18	2.68	< 10	< 1	0.37	< 10	0.85	705
T1927	203	205	< 1	0.2	0.76	8	200	3.0	< 2	0.63	13.0	10	53	20	1.18	< 10	< 1	0.04	< 10	0.15	2170
T1928	203	205	29	1.2	1.03	14	180	3.5	106	0.45	7.5	11	84	20	1.87	< 10	< 1	0.07	< 10	0.37	2190

CERTIFICATION:

*Hart Buchler*



# Chemex Labs Ltd.

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

ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127  
 WHITEHORSE, YT  
 Y1A 3S9

Project: LTBC  
 Comments:

Page No. : 2-B  
 Total Pages : 3  
 Certificate Date: 21-JUN-93  
 Invoice No. : 19315549  
 P.O. Number :  
 Account : F

## CERTIFICATE OF ANALYSIS

### A9315549

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
T1835	203	205	8	0.02	11	380	28	2	1	13	0.10	< 10	< 10	73	10	42
T1836	203	205	13	0.03	13	470	36	< 2	2	17	0.13	< 10	< 10	71	< 10	38
T1837	203	205	5	0.02	30	650	26	< 2	4	21	0.09	< 10	< 10	47	10	82
T1838	203	205	9	0.02	15	730	86	2	2	24	0.03	< 10	< 10	43	70	86
T1852	203	205	8	0.01	37	1040	28	< 2	6	18	0.11	< 10	10	56	30	66
T1853	203	205	40	0.03	10	400	46	6	6	13	0.01	< 10	30	17	80	42
T1854	203	205	8	0.01	13	550	32	< 2	2	16	0.06	< 10	< 10	54	< 10	52
T1855	203	205	10	0.01	31	990	32	< 2	3	37	0.10	< 10	< 10	96	70	274
T1856	203	205	11	0.02	19	1610	26	2	1	29	0.03	< 10	< 10	82	160	166
T1857	203	205	14	0.02	47	1330	12	< 2	3	45	0.07	< 10	< 10	73	160	274
T1858	203	205	8	0.02	26	1410	42	< 2	2	42	0.07	< 10	< 10	110	170	260
T1859	203	205	8	0.02	21	1450	44	4	4	68	0.08	< 10	< 10	107	310	260
T1860	203	205	17	0.02	16	1660	30	2	2	77	0.04	< 10	< 10	103	410	190
T1861	203	205	14	0.02	18	840	40	< 2	2	29	0.07	< 10	< 10	53	140	96
T1862	203	205	5	0.02	10	370	20	< 2	1	11	0.09	< 10	< 10	53	10	34
T1878	203	205	5	0.03	30	1770	22	< 2	2	94	0.06	< 10	< 10	69	70	606
T1879	203	205	6	0.04	55	1290	16	4	1	124	0.08	< 10	< 10	56	120	686
T1880	203	205	8	0.02	50	1110	24	2	3	48	0.10	< 10	< 10	75	180	420
T1881	203	205	15	0.03	25	1310	56	< 2	4	36	0.05	< 10	< 10	55	300	230
T1882	203	205	10	0.03	67	1320	20	< 2	4	108	0.07	< 10	< 10	61	360	626
T1883	203	205	2	0.04	25	1590	20	4	1	49	0.07	< 10	< 10	54	40	182
T1884	203	205	7	0.01	25	1810	60	4	1	52	0.02	< 10	< 10	98	140	278
T1885	203	205	6	0.01	12	2880	70	2	1	49	0.01	< 10	< 10	50	180	162
T1886	203	205	11	0.02	40	1420	66	4	6	95	0.08	< 10	< 10	81	300	458
T1887	203	205	25	0.03	64	2490	192	< 2	10	253	0.06	< 10	10	82	130	1795
T1888	203	205	14	0.01	16	520	24	< 2	2	11	0.08	< 10	< 10	51	30	62
T1889	203	205	8	0.01	19	2830	12	< 2	< 1	62	< 0.01	< 10	< 10	38	20	210
T1890	203	205	12	0.02	27	1200	20	< 2	2	72	0.02	< 10	< 10	145	140	192
T1891	203	205	6	0.03	13	1110	36	2	1	25	0.02	< 10	< 10	53	60	142
T1892	203	205	8	0.02	22	1090	20	2	2	53	0.06	< 10	< 10	88	70	214
T1893	203	205	3	0.01	32	1680	26	< 2	1	100	0.02	< 10	< 10	30	10	178
T1894	203	205	3	0.03	41	1310	28	< 2	3	82	0.08	< 10	< 10	59	170	272
T1895	203	205	3	0.03	15	2000	42	< 2	< 1	62	0.01	< 10	< 10	36	120	252
T1896	203	205	6	0.03	14	1250	62	2	3	90	0.10	< 10	< 10	80	240	220
T1897	203	205	3	0.04	26	2140	92	2	7	218	0.06	< 10	10	91	440	598
T1898	203	205	3	0.03	35	2090	104	4	6	366	0.08	< 10	< 10	75	450	1000
T1899	203	205	141	0.02	41	1470	60	6	8	45	0.10	< 10	< 10	87	230	170
T1900	203	205	38	0.03	23	870	20	2	2	21	0.10	< 10	< 10	88	100	78
T1927	203	205	26	0.01	14	1750	24	< 2	< 1	67	< 0.01	< 10	< 10	45	40	156
T1928	203	205	12	0.02	12	1670	122	2	< 1	55	0.01	< 10	< 10	80	90	182

CERTIFICATION:

*Hart Bickler*



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 Y1A 3S9

Project: LTBC  
 Comments:

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 Total Pages: 3  
 Certificate Date: 21-JUN-93  
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 P.O. Number:  
 Account: F

## CERTIFICATE OF ANALYSIS A9315549

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
T1929	203	205	2	1.0	1.00	26	80	3.5	2	0.87	6.0	12	61	42	2.43	< 10	< 1	0.04	10	0.26	320
T1930	203	205	6	0.2	2.56	18	190	14.0	12	1.17	5.0	12	95	45	2.31	10	< 1	0.10	10	0.64	1380
T1931	203	205	19	0.2	1.92	60	260	16.0	28	1.05	26.5	19	74	158	3.40	10	1	0.23	20	1.33	2070
T1932	203	205	18	0.6	1.32	86	120	8.0	18	0.74	7.5	17	51	122	3.79	< 10	< 1	0.13	10	0.55	905
T1933	203	205	22	< 0.2	1.51	10	130	16.0	78	1.14	3.0	14	83	59	3.37	10	< 1	0.10	10	0.46	1970
T1934	203	205	15	0.2	0.75	2	90	13.0	46	2.37	2.0	8	58	18	1.39	< 10	< 1	0.03	10	0.26	1770
T1935	203	205	13	0.2	1.25	10	120	11.5	26	0.74	2.5	8	62	57	2.16	< 10	< 1	0.08	10	0.59	795
T1936	203	205	41	0.8	3.46	56	90	26.0	70	0.92	5.5	43	45	233	4.05	10	< 1	0.07	20	0.76	2110
T1937	203	205	< 1	< 0.2	1.08	6	90	2.0	< 2	0.19	< 0.5	6	65	8	1.99	< 10	< 1	0.06	< 10	0.31	350
T1938	203	205	2	< 0.2	1.32	8	110	6.0	16	0.70	3.5	7	72	40	2.53	10	< 1	0.11	< 10	0.35	620
T1939	203	205	4	0.6	1.56	8	80	14.0	28	1.21	14.5	22	63	141	3.28	10	< 1	0.06	10	0.52	975
T1940	203	205	6	0.4	1.56	26	120	11.0	16	1.33	7.5	16	68	94	2.94	< 10	< 1	0.09	20	0.60	735
T1941	203	205	9	0.2	1.41	18	130	10.5	28	1.06	5.5	19	77	88	2.59	< 10	< 1	0.06	10	0.35	880
T1942	203	205	1	0.4	1.10	2	110	4.0	2	0.80	1.5	16	56	70	2.12	< 10	< 1	0.05	< 10	0.26	660
T1943	203	205	13	< 0.2	1.13	62	120	5.5	14	1.10	5.0	11	78	42	1.31	< 10	< 1	0.11	10	0.32	945
T1944	203	205	16	0.6	1.31	32	90	9.0	34	0.88	9.5	15	68	65	2.46	< 10	< 1	0.06	10	0.56	1075
T1945	203	205	105	< 0.2	2.47	240	140	12.5	134	0.41	1.0	29	67	277	6.91	10	< 1	0.33	10	0.90	900
T1946	203	205	194	0.4	3.02	8	80	35.0	510	1.90	21.0	50	67	228	4.47	10	< 1	0.20	20	0.85	2810
T1947	203	205	60	1.6	2.69	12	120	41.5	174	3.81	14.5	20	64	111	3.16	10	< 1	0.11	20	0.73	2390
T1948	203	205	40	0.2	2.47	14	110	19.5	56	1.70	6.0	35	71	239	5.56	10	< 1	0.22	20	0.98	1865
T1949	203	205	78	3.0	2.92	46	110	9.0	224	0.30	0.5	24	108	474	7.85	10	< 1	0.31	10	1.23	765
T1978	203	205	2	< 0.2	1.30	2	160	12.0	4	0.42	1.5	9	70	35	2.32	< 10	< 1	0.15	< 10	0.36	1355
T1979	203	205	10	< 0.2	1.22	44	110	8.0	14	1.08	54.5	15	56	61	2.44	< 10	< 1	0.08	10	0.48	1010
T1980	203	205	7	< 0.2	1.38	108	150	13.5	26	1.07	10.0	20	78	48	2.54	< 10	< 1	0.14	10	0.71	1325
T1981	203	205	7	0.6	0.99	42	90	8.0	14	2.55	14.5	15	50	133	2.16	< 10	< 1	0.05	10	0.33	835
T1982	203	205	7	0.2	0.97	20	140	3.5	16	1.13	2.5	13	57	44	2.18	< 10	< 1	0.05	< 10	0.31	715
T1983	203	205	5	0.2	1.19	2	100	7.0	16	1.58	5.5	7	72	48	1.23	< 10	< 1	0.03	10	0.13	1400
T1984	203	205	9	< 0.2	1.19	8	120	9.0	24	1.31	8.5	22	52	67	1.84	< 10	< 1	0.04	10	0.30	1800
T1985	203	205	25	0.4	4.61	142	110	17.5	40	1.91	1.5	19	84	152	3.49	10	< 1	0.28	< 10	1.01	890
T1986	203	205	16	< 0.2	2.81	86	130	10.5	30	0.87	3.5	26	60	135	4.13	10	< 1	0.23	< 10	0.89	1625
T1987	203	205	21	0.2	1.68	6	110	5.5	18	0.39	0.5	35	66	244	4.89	< 10	< 1	0.35	10	0.91	1015
T1988	203	205	50	< 0.2	2.42	8	60	6.0	42	0.38	< 0.5	37	100	288	6.37	10	< 1	0.27	20	1.25	965
T1989	203	205	86	2.2	2.56	50	110	9.0	246	0.32	2.0	45	125	422	9.24	10	< 1	0.43	10	1.33	1205
T1990	203	205	29	0.8	2.37	20	140	5.5	380	0.20	< 0.5	33	140	342	10.90	10	< 1	0.40	< 10	1.00	1020
T2026	203	205	34	0.6	2.44	58	100	30.5	58	1.44	7.0	35	65	232	5.06	10	< 1	0.15	10	0.95	1530
T2027	203	205	82	< 0.2	2.25	130	70	3.5	52	0.33	0.5	14	77	430	10.35	10	< 1	0.26	20	0.85	465
T2028	203	205	232	0.8	3.01	52	60	2.0	154	0.33	< 0.5	35	74	550	>15.00	10	< 1	0.28	< 10	1.29	1100
T2029	203	205	153	1.4	2.15	32	80	4.0	282	0.21	< 0.5	34	124	579	13.00	10	< 1	0.38	10	1.06	865
T2030	203	205	140	0.2	2.08	18	90	4.5	222	0.24	0.5	40	109	281	8.13	< 10	< 1	0.28	10	0.91	1170

CERTIFICATION:

*Hartl Bechler*



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## CERTIFICATE OF ANALYSIS A9315549

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
T1929	203	205	5	0.04	49	1210	48	< 2	1	63	0.08	< 10	< 10	39	30	348
T1930	203	205	7	0.02	35	1810	42	< 2	2	146	0.06	< 10	< 10	112	30	480
T1931	203	205	8	0.02	74	1370	32	< 2	7	69	0.02	< 10	< 10	102	70	1740
T1932	203	205	6	0.03	36	1410	42	2	9	47	0.04	< 10	< 10	71	50	308
T1933	203	205	12	0.02	27	1400	48	2	6	81	0.05	< 10	< 10	90	380	326
T1934	203	205	10	0.01	19	2010	20	< 2	2	121	0.01	< 10	< 10	50	220	134
T1935	203	205	7	0.02	39	1130	36	2	4	86	0.06	< 10	< 10	49	240	292
T1936	203	205	61	0.02	78	1710	74	< 2	6	105	0.03	< 10	< 10	60	130	732
T1937	203	205	104	0.01	14	370	20	< 2	1	11	0.07	< 10	< 10	51	10	48
T1938	203	205	9	0.01	21	1200	22	< 2	1	49	0.02	< 10	< 10	105	140	242
T1939	203	205	18	0.02	72	1450	26	< 2	3	68	0.07	< 10	< 10	89	100	1130
T1940	203	205	12	0.03	76	1070	28	2	4	83	0.12	< 10	< 10	92	140	712
T1941	203	205	11	0.03	60	1830	24	< 2	2	78	0.05	< 10	< 10	54	40	566
T1942	203	205	15	0.02	31	1560	14	< 2	1	70	0.03	< 10	< 10	74	60	152
T1943	203	205	2	0.04	32	1320	18	2	2	100	0.06	< 10	< 10	38	30	292
T1944	203	205	2	0.02	60	1360	48	< 2	3	73	0.08	< 10	< 10	54	200	770
T1945	203	205	21	0.03	26	1580	32	4	11	52	0.12	< 10	< 10	101	510	240
T1946	203	205	26	0.02	105	1430	24	2	7	99	0.08	< 10	< 10	72	500	1140
T1947	203	205	19	0.02	45	2040	128	2	7	272	0.09	< 10	< 10	94	620	904
T1948	203	205	43	0.03	50	1590	42	6	10	91	0.11	< 10	< 10	93	410	432
T1949	203	205	53	0.02	67	1490	156	2	9	39	0.10	< 10	< 10	97	340	246
T1978	203	205	13	0.02	18	1230	28	2	1	47	0.03	< 10	< 10	97	110	234
T1979	203	205	10	0.02	51	1080	26	2	2	60	0.06	< 10	< 10	60	170	576
T1980	203	205	11	0.02	41	1370	26	2	3	105	0.03	< 10	< 10	86	80	480
T1981	203	205	10	0.02	68	1690	20	2	1	96	0.02	< 10	< 10	53	20	612
T1982	203	205	11	0.02	29	1430	24	< 2	2	63	0.04	< 10	< 10	67	60	332
T1983	203	205	3	0.03	36	1820	18	2	1	114	0.04	< 10	< 10	33	30	398
T1984	203	205	2	0.02	41	2020	36	< 2	2	80	0.03	< 10	< 10	47	110	386
T1985	203	205	9	0.02	52	1100	86	2	6	224	0.06	< 10	< 10	63	140	382
T1986	203	205	23	0.02	33	1350	28	2	6	99	0.08	< 10	< 10	82	250	346
T1987	203	205	40	0.04	28	1370	24	4	12	21	0.09	< 10	< 10	90	150	142
T1988	203	205	112	0.02	35	1100	24	2	11	33	0.11	< 10	< 10	85	260	200
T1989	203	205	48	0.02	80	1040	176	4	11	31	0.14	< 10	< 10	104	570	328
T1990	203	205	147	0.03	48	1360	220	8	7	40	0.11	< 10	< 10	139	710	146
T2026	203	205	14	0.02	60	1620	54	2	9	69	0.09	< 10	< 10	108	510	554
T2027	203	205	84	0.02	30	1080	36	2	10	34	0.13	< 10	< 10	79	320	220
T2028	203	205	63	0.02	15	1550	108	8	16	47	0.11	< 10	< 10	121	810	170
T2029	203	205	71	0.02	50	1370	140	8	9	18	0.12	< 10	< 10	93	880	196
T2030	203	205	140	0.02	63	1470	80	6	7	25	0.10	< 10	< 10	91	480	154

CERTIFICATION:

*Hart Bickler*

APPENDIX IV  
DRILL LOGS WITH ASSAYS



Elevation *1740m*

Drill contractor *Caron*

Logged by *HE*

Total depth *145.6m*

Coordinates

Hole started *10 Aug 77* completed *13 Aug 77*

Core size *100*

Dip *-70°*

Target

Azimuth *180°*

*Amex #*

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy								Sample Number	Assay Interval	Assay Results			
						W	B	Cu	P	As	F	Ag	Au			Cu	g/t	ppm	
0				0-7.1 Broken, rubble															
1.8				<u>Hornfels, stann</u>	bleached, limonitic - hardne qtz-sch. uns <i>24-2001</i>									529681	55114	.02	.005	0.02	116
3.0																			
3														682	115	.02	.004	0.15	143
6																			
6				7.1-10.1 Diorite	bleached numerous qtz veinlets									687	116	.02	.001	0.02	117
9		X		Ufg, with some bleached Hornfels											117				
9		X		10.1-12.3 Hornfels										684		.03	.001		
12				purple; contorted with minor stann											118	.29	.002	0.05	137
12				12.3-13.6 Stann											119	.13	.001		
15				13.6-14.0 Hornfels										685				0.12	131
15				14.0-14.7 Diorite											120	.07	.001		
15				14.7-18.8 stann															
18				contorted, purple										686	121	.02	.001	0.15	45
18				18.8-22.0 Hornfels	bleached, hardne qtz- <i>W</i> uns									687	122	.02	.001		
21															123	.04	.001	0.03	81
21				22.0-24.5 stann										688	124	.02	.001	<0.02	57
24				24.5-26.7 Hornfels															
24				26.7-27.3 stann										689	125	<.02	.001	"	68
27				± Hornfels											126	<.02	.001		

Elevation  
Coordinates  
Dip  
Azimuth

Drill contractor  
Hole started  
Target

Logged by  
completed

Total depth  
Core size

*Amex  
Samples*

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy							Sample Number	Assay Interval	Assay Results													
						U	V	Bi	Ch	Py	Sp	As			Ag	Li	Na	K	Ca	Mg	Fe	Cu	Zn	Pb	g/t	ppm		
27		—		27.3-28.1 Hornfels	grey contorted hornfels									58960	126													
30		00		28.1-28.4 <u>Stann</u>	hairline fractures										127	.02	.001									<.002	61	
30		00		28.4-31.6 Hornfels																								
30		00		31.6-31.8 <u>Stann</u>	-lenses of stann									691	128	.02	.001											92
33		—		31.8-39.0 Hornfels	-calclified lenses										129	.02	.001											
33		00		34.0-38.9 <u>Stann</u>	minor aplite dykes									692														
36		00		38.9-44.3 Hornfels											130	.02	.001											268
36		00												693	131	.02	.001											
39		—													132	.02	.001											88
39		—												694														
42		—													133	.02	.001											48
42		—		44.3-44.5 Marble	44.5 shear zone									695	134	.03	.001											
45		—		44.5-46.2 Hornfels											135	.02	.001											28
45		X		46.2-47.5 Diorite										696														
48		X		47.5-49.5 Hornfels											136	.02	.001											106
48		—		± Stann										697	137	.02	.001											
48		0		49.5-50.6 Diorite											138	.02	.001											93
51		X		50.6-53.7 Hornfels																								
51		—		53.3-54.0 Hornfels	51.7 shear zone									698														
54		—			53.8 1cm qtz-calc on										139	.04	.007										0.09	74

Elevation

Drill contractor

Logged by

Total depth

Coordinates

Hole started

completed

Core size

Dip

Target

*Am 4x #*

Azimuth

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy								Sample Number	Assay Interval	Assay Results				
						W	Fe	Py	Chal	Other	Other	Other	Other			Other	W	Mo	Au	Cu
												588								
54		--		54.0-59.3 Hornfels	56.7 - calcite rich layers								52699	140	.02	.009	<0.02	109		
57		xx		54.3-56.5 Diorite										141	.02	.001				
57		--		56.5-62.9 Hornfels	contacted bedding with sharn lenses								700							
60		--												142	.02	.009	"	128		
60		--		62.9-63.2 Diorite									701	143	.02	.001		62		
63		--			bleached									144	.02	.001	"			
63		xx		63.2-64.4 Hornfels	minor secondary biotite								702					41		
66		xx		64.9-65.7 Diorite	bleached									145	.02	.001	"			
66		--		65.7-81.4 Hornfels	± sharn zones as pods & layers								703	146	.02	.001	0.10	83		
69		o			67.2 gtz-flun 3cm									147	.02	.001				
69		o	40 64		69.9 wacke 5x2x2 2cm wide								704				<0.02	53		
72		o												148	.02	.003				
72		o			bleached narrow <10cm sharn bands								705	149	.02	.001	0.05	44		
75		o												150	.02	.001				
75		o											706	56450	.09	.001	<0.02	37		
78		o												55151	.02	.0025				
78		o			78.3 6cm gtz-fl un								707				0.10	90		
81		o			un.									152	.02	.001				

Elevation	Drill contractor	Logged by	Total depth
Coordinates	Hole started	completed	Core size
Dip	Target		
Azimuth			

Amex  
Sample

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy								Sample Number	Assay Interval	Assay Results			
						W	%	Cu	Pb	Zn	Ag	Au	Cd			U	Mn	Au	Cd
																	g/t	ppm	
81		***		81.9-82.3 Aplite									708	152	.02	.001			
84		X		82.3-90.1 Diorite fine gr.									708	153	.02	.001	0.02	30	
84		X		NOTE BOX 20 MISSING FROM 84.9 → 89.5 metres									709	159	.02	.001	0.02	67	
84.9		X			709	155	.02	.017											
89.5		X			710														
90		X			710	156	.02	.003	0.05	123									
90		-		90.1-93.4 Hornfels banded, grey purple 1 cm wide	91.2 calcite v 1 cm wide								711	157	.04	.005	0.05	122	
93		-											712	158	.02	.002			
93		00		93.4-94.3 Shale									712	159	.03	.003	0.07	178	
96		-		94.3-102.7 Hornfels purple, bedded & fine bedded									713	160	.11	.003	0.07	109	
96		-	Δ Δ	± minor shale lens	97.0-98.0 Calcite zone								713	161	.20	.005			
99		0	Δ Δ										714	162	.08	.012	0.10	147	
102		-											715	163	.02	.010	0.02	100	
102		***		102.7-102.9 Aplite	102.3 2cm qtz-sil v								715	164	.04	.001			
105		X		102.9-104.7 Hornfels	103.3 70cm calcite filled crackle box								716	164	.04	.001	0.02	114	
105		X		104.7-118.7 Diorite									716	164	.04	.001	0.02	114	
105		X		fine gr. green with minor aplite zones									716	164	.04	.001	0.02	114	
108		X											716	164	.04	.001	0.02	114	

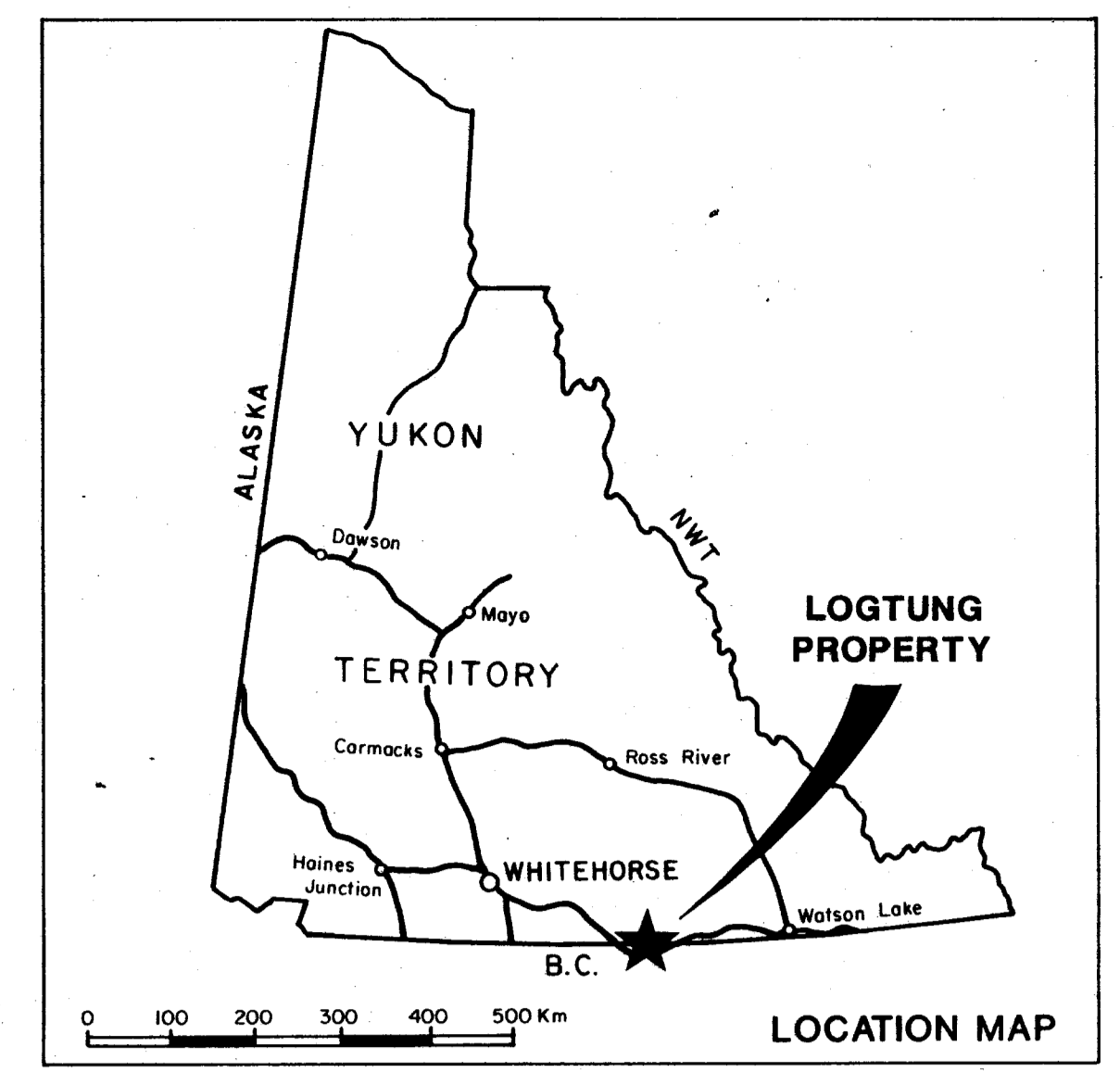
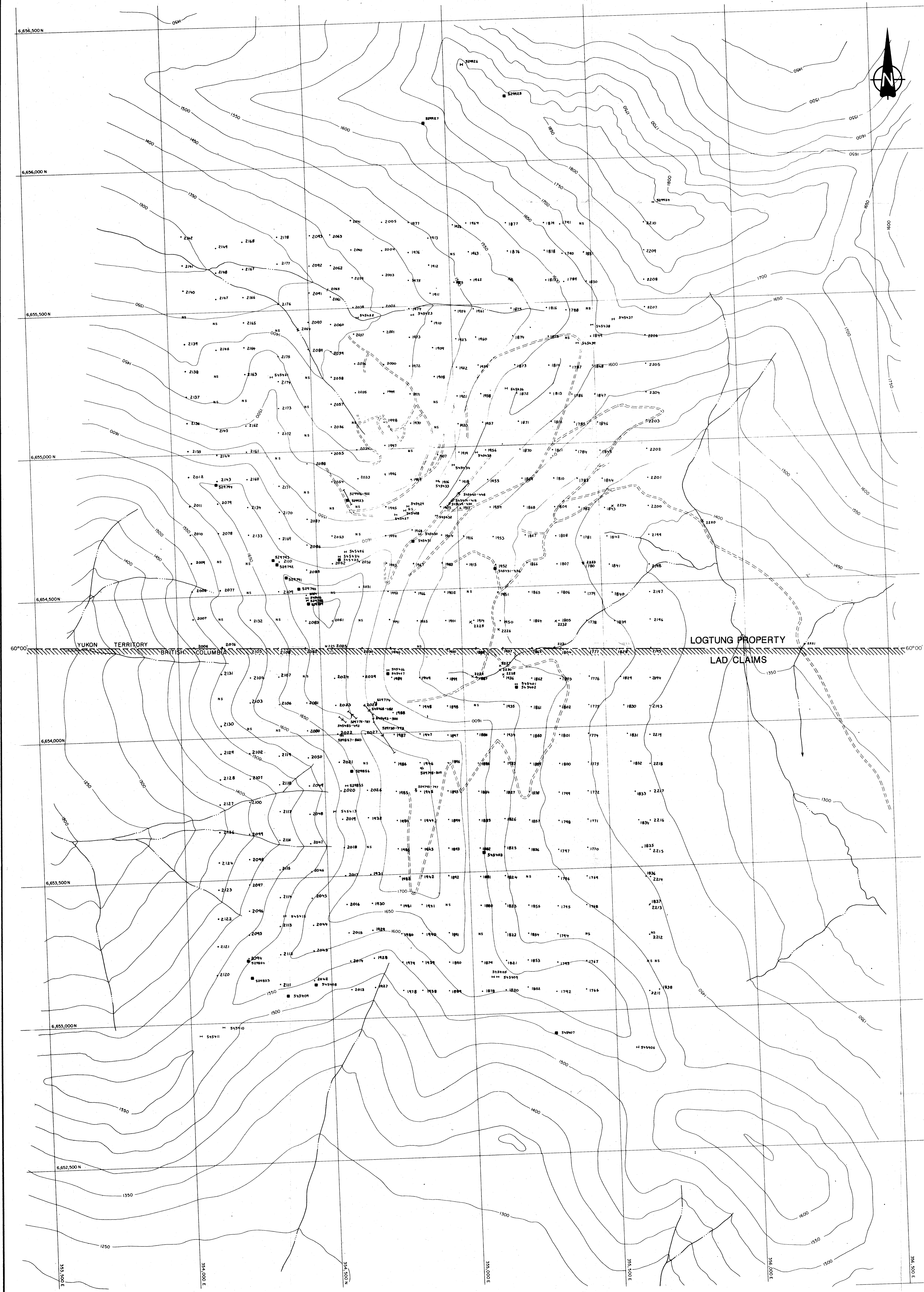
Elevation Drill contractor Logged by Total depth  
 Coordinates Hole started completed Core size  
 Dip Target  
 Azimuth

*Arax*  
*II*

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy								Sample Number	Assay Interval	Assay Results					
						W	Mo	Cu	Pb	Zn	Ag	As	Bi			U	Mo	Au	Cu		
														g/t	ppm						
108		X																			
111		X													717	Not Split	-	-	0.02	86	
111		X																			
114		X													718		-	-	0.03	120	
114		X																			
117		X													719		-	-	<0.02	93	
117		X		118.7-120.2 Hornfels																	
120		X													720	55165	.08	.001	<0.02	104	
120		X		120.2-124.8 Diorite	bleached along fractures										721	Not split	-	-	<0.02	129	
123		X																			
123		X		124.8-126.1 Hornfels											722	55166	.12	.005	0.02	136	
126		X																			
126		X		126.1-130.4 Diorite with minor Amphibole	128.4 - Amphibole										723	Not split	-	-	0.03	141	
129		X																			
129		X		130.4-133.2 Hornfels	130.4-131.3 calcite zone										724	55167	.04	.003	0.07	108	
132		X																			
132				133.2-139.0 Diorite	133.2 gte-Fluorite										725	168	.07	.001	0.02	92	
135																169	.03	.001			





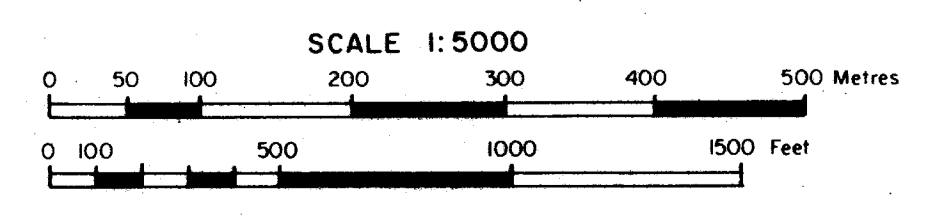


- 1814 soil sample location with sample number
- × 2225 silt sample location with sample number
- 527856 rock grab sample location with sample number
- △ 545416 rock chip sample location with sample number

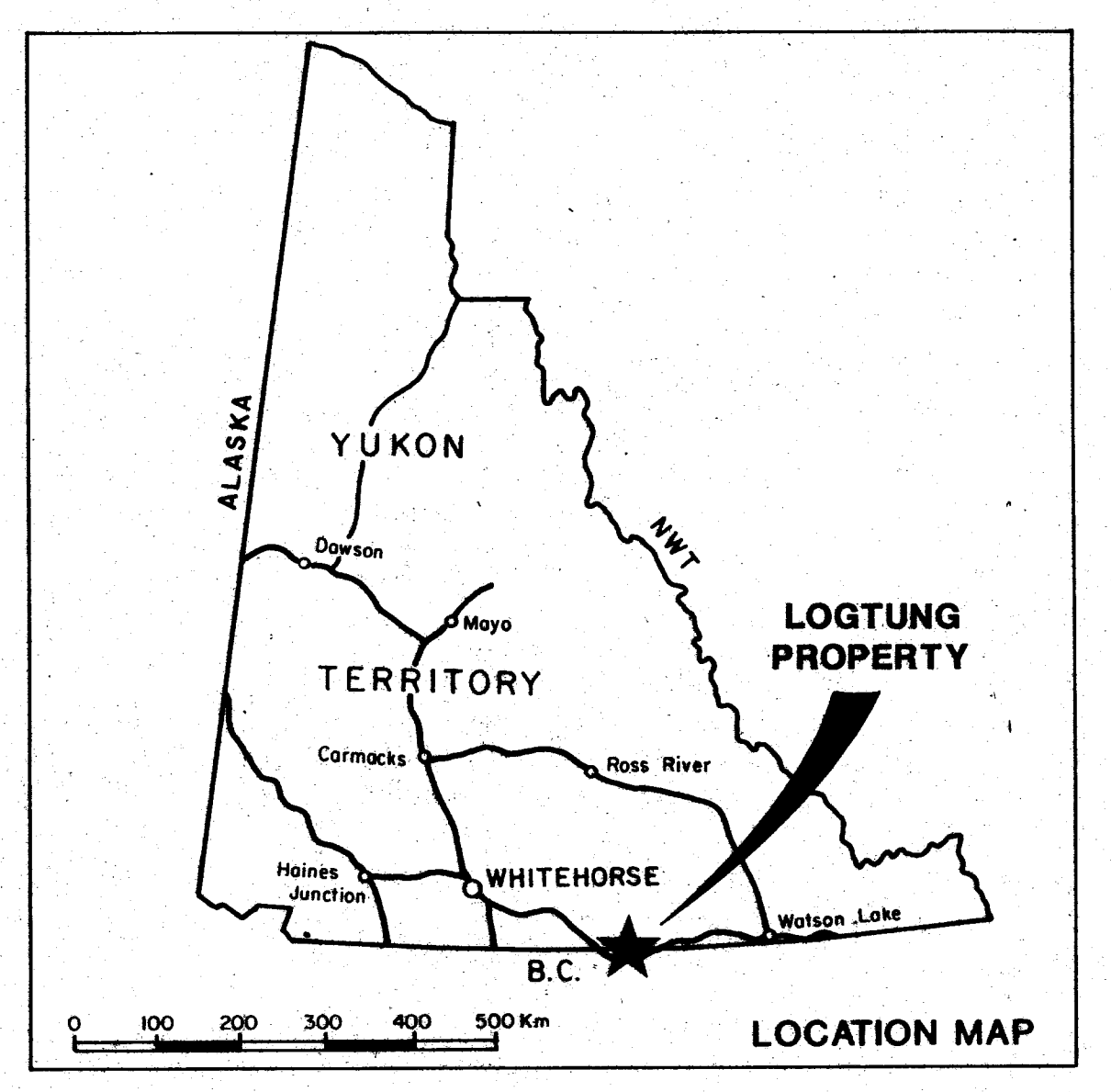
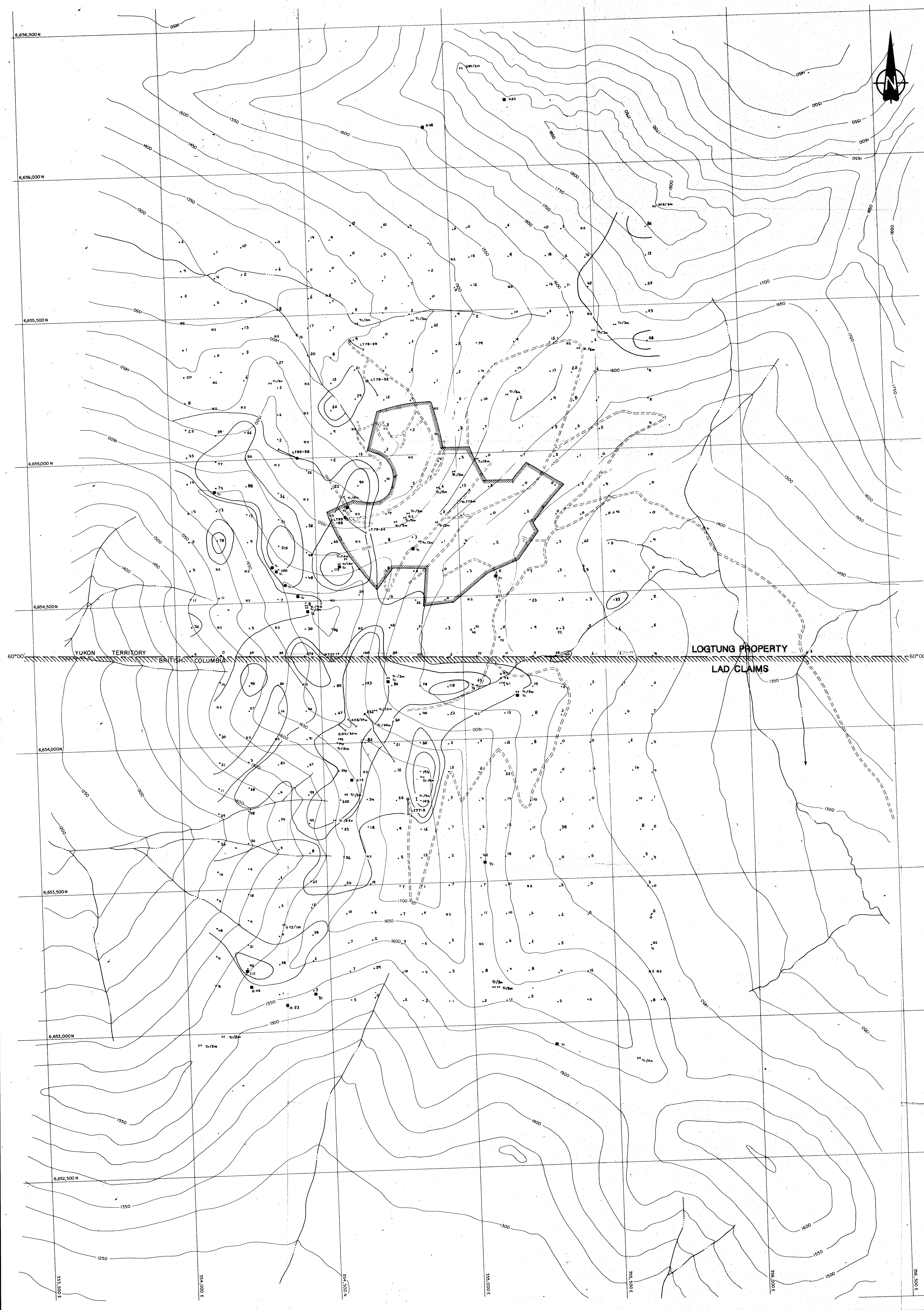
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ASSESSMENT REPORT

**23,305**

Figure 4  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SAMPLE LOCATION**  
LAD 1 AND 2 CLAIMS  
NDU RESOURCES LTD.







- $\geq 100$  ppb Au
- $\geq 50$  ppb Au < 100 ppb Au
- $\geq 20$  ppb Au < 50 ppb Au

- soil sample location with gold values in ppb
- silt sample location with gold values in ppb
- rock grab sample location with gold values in g/t
- rock chip sample location with gold values in g/t and sample length in meters
- pre-1993 diamond drill hole realized in 1993 for gold
- 1993 diamond drill hole
- surface outline of deposit containing 160,000,000 tonnes at 0.12%  $WO_3$  and 0.055%  $MoS_2$

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**23,305**

Figure 5  
ARCHER, CATIRO & ASSOCIATES (1991) LIMITED  
**GOLD GEOCHEMISTRY**  
LAD 1 AND 2 CLAIMS  
NDU RESOURCES LTD.

