

**EVALUATION REPORT
ON THE
KING LAKE PROPERTY
(EZE 1 - 24 CLAIMS)**

Whitehorse Area

NTS 105 D 14
60°49' N Lat., 135°28' W Long.
Whitehorse Mining Division
Yukon, Canada



BY:
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Y1A 3T5

APRIL 1999

This report has been examined by
the Geological Evaluation Unit
under Section 53 (3) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 3600.

M. Burke

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

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INTRODUCTION

Work in this area was carried out to re-evaluate the old King Lake property for its porphyry potential. Aerial reconnaissance, detailed ground prospecting and resampling and analysis of available core was completed over the course of the 1998 field season. A total of 24 Quartz mineral claims were staked to cover the assumed extent of the intrusive in the area.

AREA LOCATION AND ACCESS

The King Lake area is situated approximately 25 km WNW of Whitehorse, Yukon (see Figure 1) and marks the extreme western end of what is known as the Whitehorse Copper belt. Located within the Whitehorse Mining District it is shown on the 105 D 14 Claim Map Sheet.

PROPERTY DESCRIPTION

The current King Lake property consists of 24 contiguous mineral claims, as shown in Figure 2 and listed in the below. The EZE 1-4 claims were staked on April 22, 1998 and 20 additional claims (EZE 5-24) were staked on May 22 and 23, 1998.

Claim Data

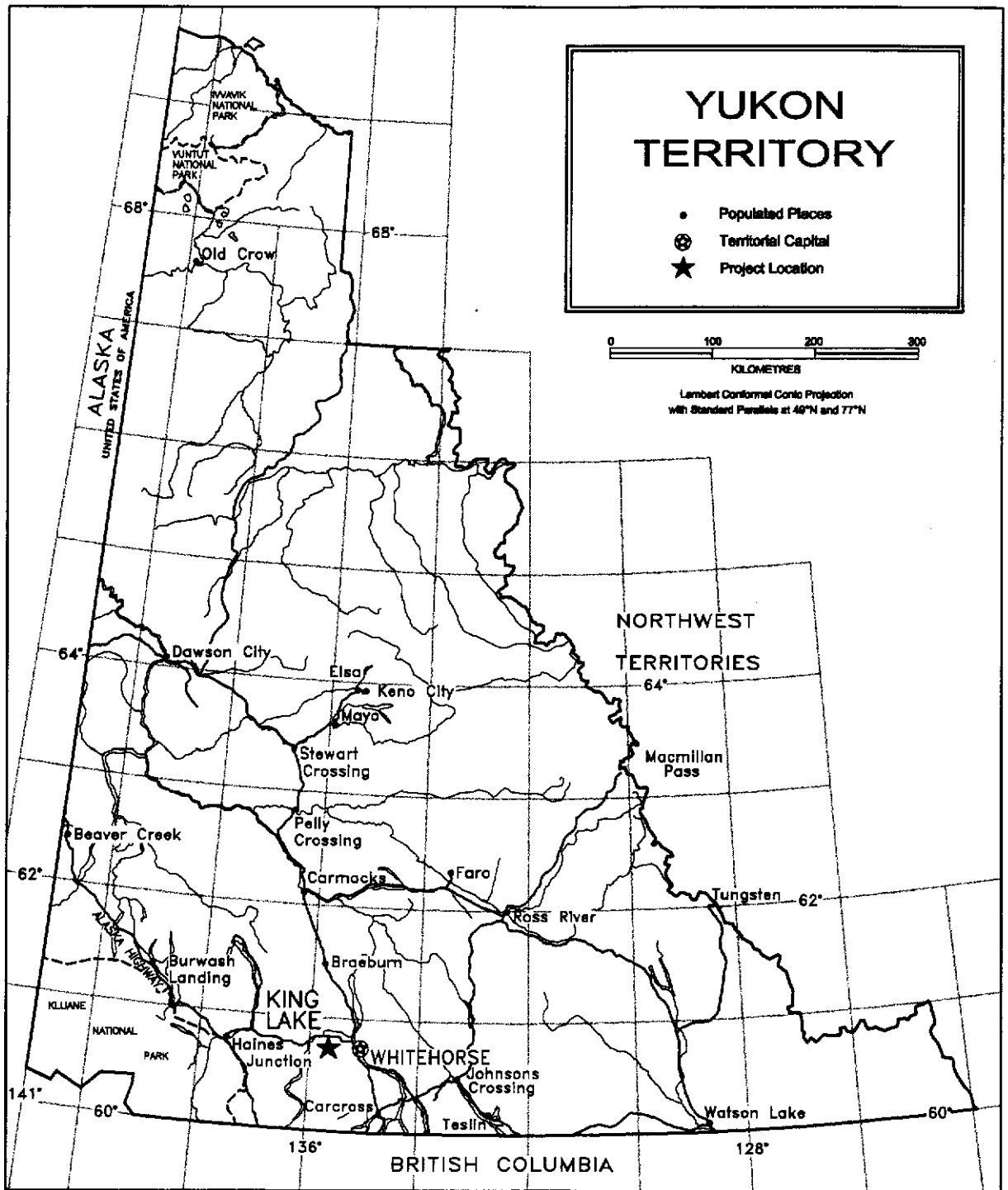
<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>	<u>Owner</u>
EZE 1 – 4	YC08744–YC08747	Sept. 30, 2000	S. Traynor/C. Wilson (50/50)
EZE 5 – 8	YC08752–YC08755	Sept. 30, 2000	S. Traynor
EZE 9 – 16	YC08756–YC08763	Sept. 30, 2000	C. Wilson
EZE 17 – 24	YC08764–YC08771	Sept. 30, 2000	S. Traynor

* Upon filing and acceptance of this report.

PREVIOUS WORK AND EXPLORATION ACTIVITY

Reportedly discovered in May 1973 by J. Suits, the property was staked the following year by he and his brother(s) and immediately fringed by R. Holway. Sampling from hand pits in the area produced grab samples which averaged 0.2 to 0.25% Cu and 0.001% Mo and selected values as high as 0.6% Cu and 0.2% Mo are reported.

The property was optioned in September of the same year by United Keno Exploration who built an access road from the Alaska Highway and completed mapping and geochemical sampling. In 1975 they carried out various geophysical surveys and 1541m of diamond drilling before dropping the option. Asarco



YUKON TERRITORY

- Populated Places
- ⊙ Territorial Capital
- ★ Project Location



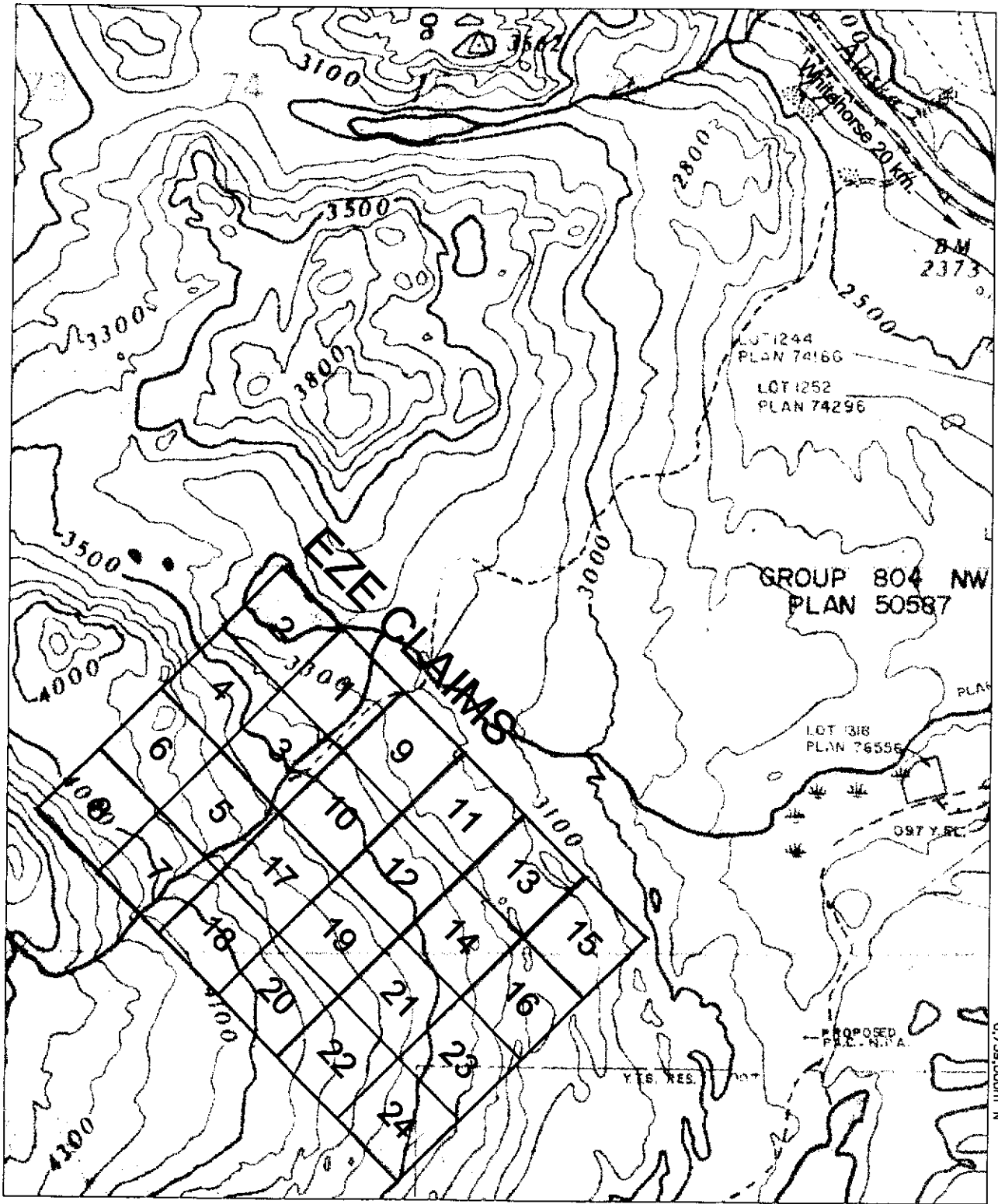
Lambert Conformal Conic Projection
with Standard Parallels at 49°N and 77°N



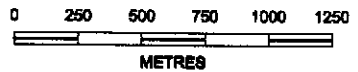
KING LAKE Property Location Map

Steve Traynor, Geologist






SCALE: 1 : 6,000,000	FILE: WC88_3A	DATE: 99.04.19
NTS: 105 D/14	DRAWN:	FIGURE 1



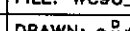
UTM 475,000m E



LEGEND

-  Elevation Contour Interval (100 feet)
-  Stream, creek
-  Access road
-  Claim group boundary
-  Claim line

N
UTM Grid North

KING LAKE PROPERTY Claim Map		
<i>Steve Traynor, Geologist</i>		
SCALE: 1 : 30,000	FILE: WC98_6B	DATE: 99.04.19
NTS: 105 D/14	DRAWN: 	FIGURE 2

6739,000m N

was also active to the SE that year and is supposed to have completed mapping and geochemical sampling.

The property has been restaked twice since then in 1987 and again in 1994 with no reports of work filed in either case.

Analysis of drill logs and replotting of drill hole locations suggests that many of the holes were collared in the volcano-sedimentary lithologies of the surrounding Laberge Group and not the intrusive stock which would apparently have been the preferred target. It appears possible that at least in the early stages of work that the model they were using was that of a skarn and not a porphyry. No analysis for Au was ever carried out on any of the sampling completed on the property (J. McFaull, former United Keno Hill employee, personal communication).

REGIONAL AND GENERAL GEOLOGY

Much of the surrounding area is underlain by Jurassic aged volcano-sedimentary lithologies of the Laberge Group predominately consisting of sandstones, greywackes and conglomerate interbedded with felsic tuffs. The intrusive is a recessive greyish to green hornblende diorite that at times shows porphyritic textures. Field examinations revealed widespread malachite staining and abundant pyrite in the few areas of good exposure. Unfortunately outcrop exposure SE of the lake is quite limited by a widespread and continuous covering of glacio-fluvial deposits that are atleast 10m in depth. The intrusive, inferred from regional areomagnetic data and assessment of local topography, appears to be about 4 sq. km in size.

Study of available core revealed numerous brecciated sections and others that showed moderate to strong fracturing. Weak to moderated potassic alteration characterized by biotite and K-feldspar with an abundance of associated magnetite and moderate to strong propylitic alteration consisting of chlorite, epidote and quartz were found to be widespread in many of the sections of selected core available for study. Sulfides consisting mainly of pyrite, but also chalcopyrite and lesser molybdenite were noted as disseminations and occasional vein or fracture fillings.

DESCRIPTION AND SUMMARY OF WORK

Over the course of the 1998 season a program of extensive prospecting was carried out in the area, including a fixed wing flight to provide an aerial perspective of the property. A total of 24 quartz claims were staked on the basis of early reconnaissance and re-evaluation of existing core. The claims were

staked to cover most of the old drill sites (a small area NE of the lake has been selected under land claims and consequently was not covered) and was oriented in such a way as to cover the assumed SE extension of the intrusive as inferred by analysis of the local topography and existing aeromagnetic data.

The old baseline on the property was relocated and known distances were re-established to assist in positioning old drill sites (see Figure 3). Resampling of historic workings and available drill core was also carried out, with a total of 28 rock and 1 stream sediment sample(s) being collected. Of the 28 rock samples collected, 5 were from old sample pits located SE of the lake and 23 were from splits of available drill core.

Late in the season at the end of September a section of the old baseline, selected with a brief orientation survey carried out with a Fluxgate magnetometer, was reslashed and cleared in anticipation of the completion of a 1km long I.P. test line to determine gross metal content of the rock in the area of the old test pits and a number of the old drill holes. Unfortunately a last minute change of plans by the proposed contractor for the survey meant that the survey work had to be postponed until next spring.

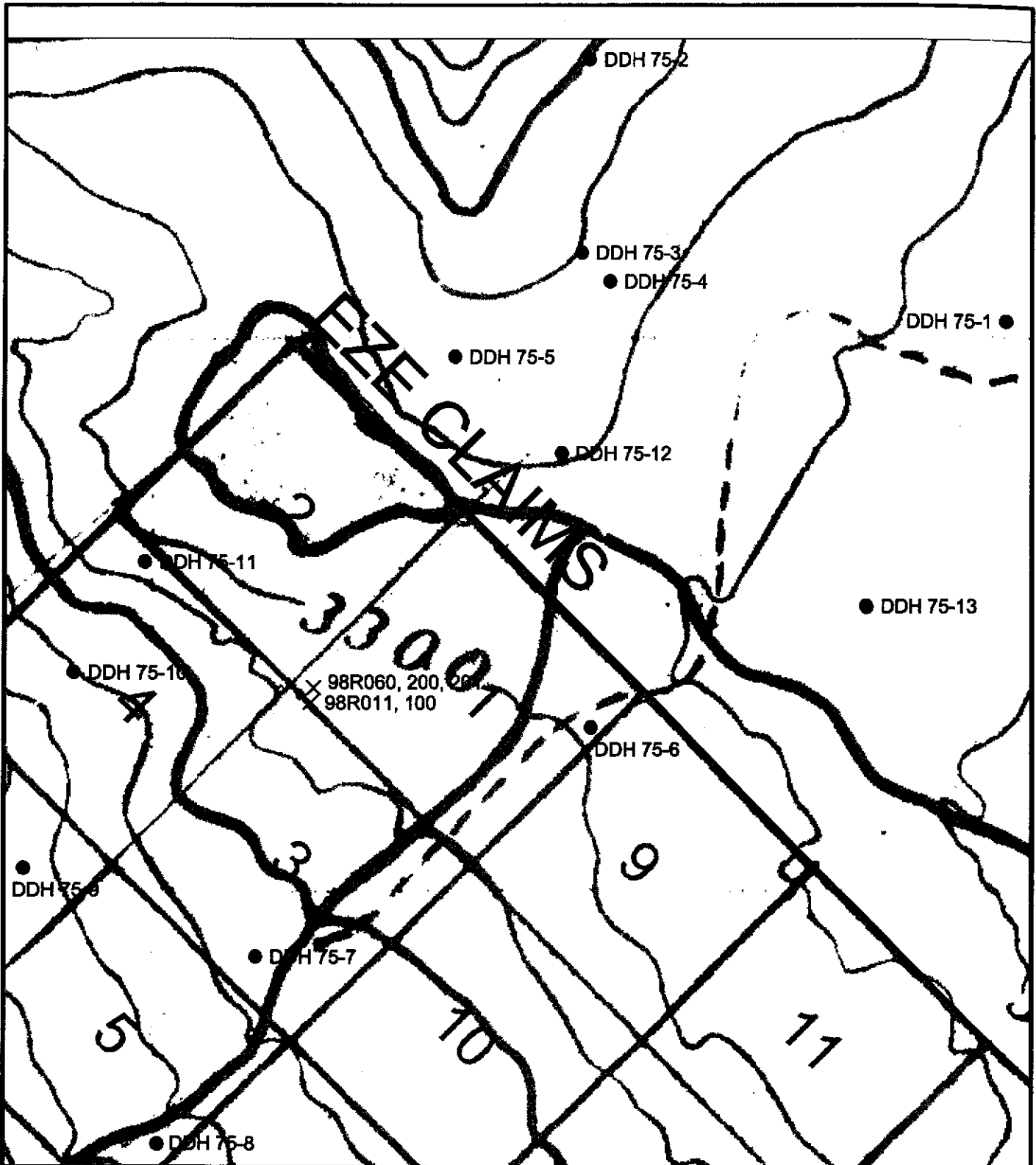
ANALYSIS AND RESULTS

Samples collected from the old test pits all showed highly anomalous Cu values ranging from 1016 ppm to 3423 ppm, with up to 414 ppm Mo and slightly elevated precious metal values. Malachite staining was clearly evident in all cases with disseminated pyrite throughout, while chalcopyrite and molybdenite were present as fracture fillings.

Extensive resampling of available (approximately 2%) core returned numerous elevated Cu values particularly in holes 75-4, 75-7 and 75-10 (of which the later two were drilled within the boundaries of the existing property). Trace levels of Au were detected in all but 3 of the samples with a peak value of 134ppb. One well mineralized fracture filled or vein structure from hole 75-10 (98R417) returned a peak value of 1955 ppm Cu and 1001 ppm Mo.

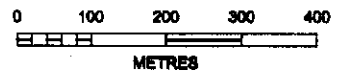
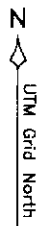
CONCLUSIONS AND RECOMMENDATIONS

Widespread malachite staining and occasional porphyritic textures identified during prospecting, the highly anomalous and at times well mineralized character of the granodiorite and the nature and extent of the alteration and fracturing revealed in drill core are strongly suggestive of the potential of the property



LEGEND

- Elevation Contour Interval (100 feet)
- Stream, creek
- - - Access road
- Claim group boundary
- Claim line
- DDH 75-8 Diamond drill hole location, number
- × 98R060 Rock sample location, number



KING LAKE PROPERTY		
Sample and Drill Hole (Historic)		
Location Map		
<i>Steve Traynor, Geologist</i>		
SCALE: 1 : 10,000	FILE: WC98_7A	DATE: 99.04.19
NTS: 105 D/14	DRAWN:	FIGURE 3

to host higher grade Cu-Mo (Au) porphyry style mineralization.

Analysis of the drill core revealed that the better mineralized samples contained varying amounts of magnetite and suggests a possible relationship between the two. Regional geological mapping and aeromagnetic data indicate that previous drilling did not target the area of strongest magnetic response, within the inferred limits of the intrusive, which lies SE toward the centre of the existing claim group.

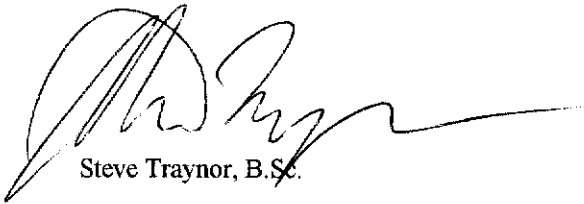
It is therefore recommended that further work focus on determining the character of the intrusive and the nature of the mineralization associated with this area of stronger magnetic response. To achieve this it is proposed that a ground magnetometer survey, carried out on a flag line grid, be completed over the entire property and that a number of I.P. test lines be run over the areas of highest magnetic response to determine the gross metal content of the underlying rocks. Positive geophysical indicators resulting from the above surveying, would be followed up by basal till sampling with analyses of collected material for trace element and precious metal content and/or limited machine trenching.

GEOLOGIST'S CERTIFICATE

I, Steve Traynor, of 214 Alsek Road, Whitehorse , in the Territory of the Yukon,
DO HEREBY CERTIFY:

1. THAT I am a Geologist practising my profession in Whitehorse, Yukon.
2. THAT I am a graduate of Queen's University (1982), Kingston, Ontario with a B.Sc. (Honours) degree in Geology.
3. THAT I have been engaged in mineral exploration for thirteen years in the Yukon, Manitoba, Ontario and Quebec.
4. THAT this report is based on work I completed and/or supervised during the period from May 9, 1998 to September 25, 1998 on the EZE 1-24 claims.

SIGNED at Whitehorse, Yukon Territory, this 26th day of April, 1999.



Steve Traynor, B.Sc.

REFERENCES

DIAND, 1993: Yukon Minfile (105 D), Exploration and Geological Services Division, Whitehorse, Indian and Northern Affairs Canada.

Geological Survey of Canada, 1961: Airborne Magnetic Survey (105 D 14), southern Yukon Territory, Geological Survey of Canada Geophysical Paper 3377.

Hart, C.J.R., 1997: Geology of Upper Laberge map area, southern Yukon (NTS 105 D/14). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Geoscience Map 1997-5.

Mineral Industry Report, 1974: Indian and Northern Affairs Canada, p. 144 – 145.

United Keno Hill Mines Ltd., 1975: Mineral Assessment Report # 091129.

STATEMENT OF EXPENDITURES

CANADA -- In the matter of geochemical sampling work and prospecting assessment work filed on EZE 1-24 mineral claims.

I, Steve Traynor a geologist working in Whitehorse, Yukon do solemnly declare that a program consisting of geochemical sampling work and prospecting was carried out on the EZE 1-24 mineral claims during the period from to May 9, 1998 to September 25, 1998.

The following expenses were incurred during the course of this work and in the compilation and reporting of the results.

Geological supervision and sampling:

S. Traynor, Geologist, 7 days @ \$ 200.00 \$ 1,400.00

Prospecting, surveying and sampling:

Wade Carrell, Prospector, 11 days @ \$150.00 1,650.00

C. Wilson, Prospector, 7 days @ \$150.00 1,050.00

Transportaion: Company vehicle, 770 km @ \$0.42/km 323.40

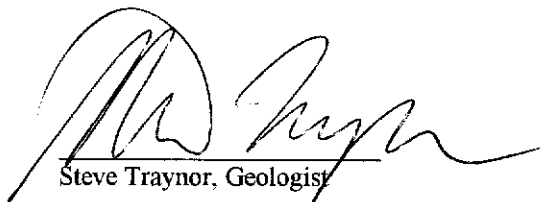
Assay and Analysis: Various analysis of samples and shipping costs 779.58

Report Preparation and Maps: 240.42

TOTAL COST **\$5,443.40**

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Dated at Whitehorse in the Territory of the Yukon this 26th day of April, 1999.


Steve Traynor, Geologist

APPENDIX A

ROCK SAMPLE REPORT

ROCK SAMPLE REPORT – KING LAKE

SAMPLE NUMBER	SAMPLE PARTICULARS	SAMPLE DESCRIPTION	ANALYTICAL HIGHLIGHTS
98-001	DDH75-1, 60.0'	Fine to medium grained porphyritic andesite.	Anomalous Au, Cu and Zn, elevated Mn
98-002	DDH75-3, 50.0'	Similar to 98-001, except altered or sheared.	High Ni, Co and Cr, anomalous Zn
98-003	DDH75-3, 93.0'	Highly altered granodiorite (?) with abundant chlorite and pyrite. Sample is strongly magnetic.	
98-004	DDH75-4, 58.5'	Moderately fractured fine to medium grained diorite with epidote and pyrite filling fractures.	High Cu
98-005	DDH75-4, 366.0'	Fine grained, brecciated diorite showing chloritic alteration and abundant fine grained pyrite to 3%.	High Au (134 ppb) and Cu (1562 ppm)
98-006	DDH75-5, 339.0'	Highly altered diorite (?) showing remenant porphyritic textures and replacement by pyrite, biotite and magnetite.	Elevated Cu and Mn.
98-007	DDH75-11, 351.0'	Altered, breccia zone in chloritically altered diorite.	
98-008	DDH75-12, 120.0'	Highly fractured granodiorite with abundant K-feldspar and biotite characteristic of potassic alteration. Well fractured.	Elevated Cu
98-009	DDH75-12, 266.0'	Strongly brecciated diorite showing biotite alteration with later (?) epidote filled fractures.	Anomalous Au and elevated Cu
98-010	DDH75-11, 331.0'	Diorite showing weak to moderate potassic alteration with minor epidote filled fracturing.	
98R011	Upper pit	Granodiorite showing minor sulfides and abundant malachite stain	Very high Cu (3423 ppm) and anomalous Au and Ag
98S012	500m below camp	Stream sediment sample.	
98R060	Lower pit	Granodiorite with disseminated pyrite and chalcopyrite on fractures, panel sample over 1m.	High Cu
98R100	Upper pit	Granodiorite with fracture fillings conatining epidote and chalcopyrite.	High Cu
98R200	Lower pit	Granodiorite with abundant chalcopyrite on fractures.	High Cu and Mo
98R201	Lower pit	Granodiorite with abundant molybedum and minor chalcopyrite on fractures.	Very high Mo (414ppm) and high Cu
98R411	DDH75-7, 299.0'	Moderately to strongly fractured diorite showing moderate propylitic alteration. Finely disseminated pyrite and chalcopyrite noted throughout.	Elevated Cu and anomalous Au
98R412	DDH75-7, 311.0'	Weakly to moderately fractured greenish diorite showing propylitic and potassic alteration. Minor sulfides.	High Cu and anomalous Au
98R413	DDH75-9, 62.5'	Weakly fractured diorite showing some propylitic alteration. No visible sulfides noted.	
98R414	DDH75-9, 75.0'	Fine grained diorite showing a mottled texture indicative of weak propylitic alteration. Abundant fine grained sulfides in sheared matrix.	
98R415	DDH75-10, 125.0'	Altered diorite showing porphyritic textures. Apparently potassically altered with later propylitic or metamorphic (retrograde chlorite) alteration.	Elevated Cu and Ni
98R416	DDH75-10, 141.0'	Altered and sheared (?) diorite that is moderately to strongly fractured with abundant propylitic alteration.	

APPENDIX B
CERTIFICATES
OF
ANALYSIS



Intertek Testing Services
Bondar Clegg

Geochemical
Lab
Report

TANANA EXPLORATION
MR. STEVE TRAYNOR
214 ALSEK RD
WHITEHORSE YT Y1A 3T5

+

+

+

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Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

REPORT: V98-00658.0 (COMPLETE)

REFERENCE:

CLIENT: TANANA EXPLORATION

SUBMITTED BY: S. TRAYNOR

PROJECT: KING LAKE

DATE RECEIVED: 06-MAY-98 DATE PRINTED: 14-MAY-98

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
980513	1 Au30 Gold	10	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
980513	2 Ag Silver	10	0.5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	3 Cu Copper	10	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	4 Pb Lead	10	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	5 Zn Zinc	10	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	6 Mo Molybdenum	10	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	7 Ni Nickel	10	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	8 Co Cobalt	10	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	9 Cd Cadmium	10	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	10 Bi Bismuth	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	11 As Arsenic	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	12 Sb Antimony	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	13 Fe Tot Total Iron	10	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	14 Fe Iron (Total)	2	0.01 PCT	HF-HNO3-HClO4-HCL	ATOMIC ABSORPTION
980513	15 Mn Manganese	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	16 Te Tellurium	10	25 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	17 Ba Barium	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	18 Cr Chrome	10	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	19 V Vanadium	10	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	20 Sn Tin	10	20 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	21 W Tungsten	10	20 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	22 Li Lithium	10	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	23 Ga Gallium	10	10 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	24 La Lanthanum	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	25 Sc Scandium	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	26 Ta Tantalum	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	27 Ti Titanium	10	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	28 Al Aluminum	10	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	29 Mg Magnesium	10	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	30 Mg Magnesium	2	0.01 PCT	HF-HNO3-HClO4-HCL	ATOMIC ABSORPTION
980513	31 Ca Calcium	10	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	32 Ca Calcium	1	0.01 PCT	HF-HNO3-HClO4-HCL	ATOMIC ABSORPTION
980513	33 Na Sodium	10	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	34 K Potassium	10	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	35 Nb Niobium	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
980513	36 Sr Strontium	10	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
980513	37 Y Yttrium	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLA
980513	38 Zr Zirconium	10	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBE
D DRILL CORE	10	2 -150	10	TOTAL SAMPLE PREP	10

REPORT COPIES TO: MR. STEVE TRAYNOR

INVOICE TO: MR. STEVE TRAYNOR

 This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: TANANA EXPLORATION

PROJECT: KING LAKE

REPORT: V98-00658.0 (COMPLETE)

DATE RECEIVED: 06-MAY-98

DATE PRINTED: 14-MAY-98

PAGE 1A(1/ 6)

SAMPLE NUMBER	ELEMENT UNITS	Al	Si	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Tot	Fe	Mn	Te	Ba	Cr	V	Sn	W	Li	Ga	La	Sc	Ta	Ti	Al	Mg	Mg	Ca	Ca	Na	K	Nb	Sr
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT
98-001		31	<.5	276	8	105	3	29	33	<.5	<.5	8	<.5	6.95		1550	<25	373	94	238	<20	<20	9	10	5	20	7	0.56	8.93	2.57		4.00		3.59	0.88	<.5	408		
98-002		19	<.5	19	12	156	3	810	121	<.5	<.5	6	5	>10.00	14.26	2661	<25	18	3193	234	<20	<20	6	<10	<.5	17	<.5	0.26	0.94	>10.00	18.36	1.38		0.10	0.03	7	25		
98-003		<.5	0.8	62	23	100	4	318	59	<.5	<.5	<.5	<.5	8.16		1792	<25	23	930	164	<20	<20	4	<10	<.5	62	<.5	0.25	2.14	>10.00	12.46	9.77		0.18	0.11	<.5	84		
98-004		7	<.5	606	17	58	3	59	17	<.5	<.5	23	<.5	4.12		869	<25	1217	222	112	<20	<20	10	<10	10	15	8	0.28	7.97	2.71		3.30		2.83	2.48	7	711		
98-005		134	1.1	1562	13	70	5	10	18	<.5	<.5	5	<.5	5.17		927	<25	601	42	141	<20	<20	17	<10	6	15	11	0.40	8.85	2.49		3.25		3.08	1.37	<.5	805		
98-006		9	1.0	211	19	85	4	309	64	<.5	<.5	14	<.5	>10.00	10.24	1732	<25	17	813	296	<20	<20	7	<10	<.5	59	<.5	0.45	2.24	9.21		>10.00	11.68	0.24	0.08	8	96		
98-007		<.5	<.5	13	7	29	4	16	6	<.5	<.5	<.5	<.5	1.97		334	<25	1273	131	45	<20	<20	5	<10	8	6	5	0.16	8.55	0.78		1.32		3.79	2.96	<.5	208		
98-008		10	<.5	321	12	20	5	21	6	<.5	<.5	7	<.5	1.84		350	<25	1198	98	71	<20	<20	3	<10	9	6	9	0.21	7.38	0.81		3.02		1.67	3.86	11	233		
98-009		33	0.5	461	7	39	3	56	16	<.5	<.5	10	<.5	4.30		793	<25	1022	121	159	<20	<20	8	10	<.5	18	5	0.32	9.13	2.49		5.94		2.99	1.80	8	569		
98-010		<.5	<.5	22	9	21	3	17	7	<.5	<.5	6	<.5	2.11		446	<25	1581	143	54	<20	<20	6	10	7	<.5	10	0.17	9.01	0.85		1.98		3.79	2.73	5	600		



Intertek Testing Services
Bondar Clegg

Geochemical
Lab
Report

CLIENT: TANANA EXPLORATION

REPORT: V98-00658.0 (COMPLETE)

DATE RECEIVED: 06-MAY-98

DATE PRINTED: 14-MAY-98

PAGE 1B(2/ 6)

PROJECT: KING LAKE

SAMPLE NUMBER	ELEMENT UNITS	Y PPM	Zr PPM
98-001		20	14
98-002		<5	<5
98-003		11	10
98-004		11	6
98-005		16	5
98-006		11	13
98-007		6	9
98-008		10	11
98-009		11	10
98-010		6	8



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: TANANA EXPLORATION
REPORT: V98-00658.0 (COMPLETE)

DATE RECEIVED: 06-MAY-98 DATE PRINTED: 14-MAY-98 PAGE 2A(3/ 6)

PROJECT: KING LAKE

STANDARD NAME	ELEMENT Au	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe Tot	Fe	Mn	Te	Ba	Cr	V	Sn	W	Li	Ga	La	Sc	Ta	Ti	Al	Mg	Mg	Ca	Ca	Na	K	Nb	Sr	
	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	
ANALYTICAL BLANK		<5	<.5	<1	3	<2	<1	<1	<1	<5	<5	<5	<0.01	-	<5	<25	<5	<2	<2	<20	<20	<2	<10	<5	<5	<5	<.01	<.01	<0.01	-	<0.01	-	0.02	<.01	<5	<1	
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	-	1	1	1	1	
Mean Value		3	0.3	0.5	3	1	0.5	0.5	0.5	3	3	3	0.005	-	3	13	3	1	1	10	10	1	5	3	3	3	.005	.005	0.005	-	0.005	-	0.02	.005	3	0.5	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		5	0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	<.001	1	.01	.005	1	1	.01	.01	.01	.01	.01	.01	.01	<.01	-	<.0001	<.001	<.0001	<.001	-	<.01	.01	.01
Gannet Standard	1520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Number of Analyses	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mean Value	1520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value	1585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BCC GEOCHEM STD 5	-	0.7	93	10	80	2	42	19	<1	<5	13	<5	5.16	-	890	<25	678	80	178	<20	<20	28	<10	10	20	8	0.48	7.41	2.08	-	2.27	-	1.72	1.15	11	275	
Number of Analyses	-	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	-	1	1	1	1	
Mean Value	-	0.7	93	10	80	2	42	19	0.5	3	13	3	5.16	-	890	13	678	80	178	10	10	28	5	10	20	8	0.48	7.41	2.08	-	2.27	-	1.72	1.15	11	275	
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value	-	0.7	102	11	80	2	40	18	0.1	1	8	1	4.95	-	850	-	800	100	175	4	2	32	4	10	18	1	0.51	8.30	1.90	-	1.85	-	1.82	1.00	17	265	
CANMET MRG-1 REF STD	-	-	-	-	-	-	-	-	-	-	-	-	12.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.24	-	10.83	-	-	-	-		
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-			
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-	12.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.24	-	10.83	-	-	-	-			
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Accepted Value	-	-	134	10	191	-	-	-	-	-	-	0.9	12.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.48	8.17	8.17	-	-	-	-			



Intertek Testing Services
Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: TANANA EXPLORATION
REPORT: V98-00658.0 (COMPLETE)

DATE RECEIVED: 06-MAY-98 DATE PRINTED: 14-MAY-98 PAGE 2B(4/ 6)

PROJECT: KING LAKE

STANDARD NAME	ELEMENT	Y UNITS	Zr PPM
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ANALYTICAL BLANK		<5	<5
Number of Analyses		1	1
Mean Value		3	3
Standard Deviation		-	-
Accepted Value		.01	.01

Gannet Standard		-	-
Number of Analyses		-	-
Mean Value		-	-
Standard Deviation		-	-
Accepted Value		-	-

BCC GEOCHEM STD 5		14	50
Number of Analyses		1	1
Mean Value		14	50
Standard Deviation		-	-
Accepted Value		13	45

CANMET MRG-1 REF STD		-	-
Number of Analyses		-	-
Mean Value		-	-
Standard Deviation		-	-
Accepted Value		-	-



Intertek Testing Services

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Geochemical Lab Report

CLIENT: TANANA EXPLORATION

PROJECT: KING LAKE

REPORT: V98-00658.0 (COMPLETE)

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DATE PRINTED: 14-MAY-98

PAGE 3A(5/ 6)

SAMPLE NUMBER	ELEMENT UNITS	Al	As	Ba	Bi	Br	Ca	Co	Cd	Cr	Cu	Fe	Mn	Mo	Ni	Pb	P	Sb	Se	Si	Sr	Ta	Ti	V	Zn	Zr									
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM								
98-002 Duplicate	19	<.5	19	12	156	3	810	121	<1	<5	6	5	>10.00	14.26	2661	<25	18	3193	234	<20	<20	6	<10	<5	17	<5	0.26	0.94	>10.00	18.36	1.38	0.10	0.03	7	25
													14.51																18.24						
98-009 Duplicate	33	0.5	461	7	39	3	56	16	<1	<5	10	<5	4.30	793	<25	1022	121	159	<20	<20	8	10	<5	18	5	0.32	9.13	2.49	5.94	2.99	1.80	8	569		
	24	<.5	440	13	40	2	56	17	<1	<5	9	<5	4.22	779	<25	999	110	156	<20	<20	8	<10	<5	18	9	0.32	8.91	2.45	5.78	2.85	1.73	<5	557		



Intertek Testing Services
Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: TANANA EXPLORATION
REPORT: V98-00658.0 (COMPLETE)

DATE RECEIVED: 06-MAY-98 DATE PRINTED: 14-MAY-98 PAGE 3B(6/ 6)

SAMPLE NUMBER	ELEMENT UNITS	Y PPM	Zr PPM
98-002 Duplicate	<5	<5	
98-009 Duplicate	11	10	7



Intertek Testing Services
Bondar Clegg

Geochemical
Lab
Report

Handwritten mark

MR. STEVE TRAYNOR
BOX 4375
WHITEHORSE, YUKON
Y1A 3T5

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Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

REPORT: V98-00958.0 (COMPLETE)

REFERENCE:

CLIENT: MR. STEVE TRAYNOR

SUBMITTED BY: S. TRAYNOR

PROJECT: KING LAKE

DATE RECEIVED: 22-JUN-98 DATE PRINTED: 7-JUL-98

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
980630	1 Au30 Gold	6	5 PPB	Fire Assay of 30g	30g Fire Assay - AA	980630	37 Cu Copper	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	2 Ag Silver	5	0.5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	38 Pb Lead	1	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	3 Cu Copper	5	1 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	39 Zn Zinc	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	4 Pb Lead	5	2 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	40 Mo Molybdenum	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	5 Zn Zinc	5	2 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	41 Ni Nickel	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	6 Mo Molybdenum	5	1 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	42 Co Cobalt	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	7 Ni Nickel	5	1 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	43 Cd Cadmium	1	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	8 Co Cobalt	5	1 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	44 Bi Bismuth	1	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	9 Cd Cadmium	5	1 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	45 As Arsenic	1	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	10 Bi Bismuth	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	46 Sb Antimony	1	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	11 As Arsenic	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	47 Fe Iron	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	12 Sb Antimony	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	48 Mn Manganese	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	13 Fe Tot Total Iron	5	0.01 PCT	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	49 Te Tellurium	1	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	14 Mn Manganese	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	50 Ba Barium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	15 Te Tellurium	5	25 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	51 Cr Chromium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	16 Ba Barium	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	52 V Vanadium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	17 Cr Chrome	5	2 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	53 Sn Tin	1	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	18 V Vanadium	5	2 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	54 W Tungsten	1	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	19 Sn Tin	5	20 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	55 La Lanthanum	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	20 W Tungsten	5	20 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	56 Al Aluminum	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	21 Li Lithium	5	2 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	57 Mg Magnesium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	22 Ga Gallium	5	10 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	58 Ca Calcium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	23 La Lanthanum	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	59 Na Sodium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	24 Sc Scandium	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	60 K Potassium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	25 Ta Tantalum	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	61 Sr Strontium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	26 Ti Titanium	5	0.01 PCT	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	62 Y Yttrium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	27 Al Aluminum	5	0.01 PCT	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	63 Ga Gallium	1	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	28 Mg Magnesium	5	0.01 PCT	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	64 Li Lithium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	29 Ca Calcium	5	0.01 PCT	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	65 Nb Niobium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	30 Na Sodium	5	0.01 PCT	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	66 Sc Scandium	1	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	31 K Potassium	5	0.01 PCT	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	67 Ta Tantalum	1	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	32 Nb Niobium	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	68 Ti Titanium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	33 Sr Strontium	5	1 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA	980630	69 Zr Zirconium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
980630	34 Y Yttrium	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA						
980630	35 Zr Zirconium	5	5 PPM	HF-HNO3-HCL04-HCL	INDUC. COUP. PLASMA						
980630	36 Ag Silver	1	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						



Intertek Testing Services
Bondar Clegg

**Geochemical
Lab
Report**

REPORT: V98-00958.0 (COMPLETE)

REFERENCE:

CLIENT: MR. STEVE TRAYNOR

SUBMITTED BY: S. TRAYNOR

PROJECT: KING LAKE

DATE RECEIVED: 22-JUN-98

DATE PRINTED: 7-JUL-98

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
T STREAM SED, SILT	1	1 -80	1	CRUSH ONLY	5
R ROCK	5	2 -150	5	PULVERIZE 500 G DRY, SIEVE -80	5 1

REPORT COPIES TO: BOX 4375

INVOICE TO: BOX 4375

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Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR

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DATE RECEIVED: 22-JUN-98

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PAGE 1B(2/ 4)

PROJECT: KING LAKE

SAMPLE NUMBER	ELEMENT UNITS	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM
98S012		<1	9	5	<.2	<5	<5	<5	1.86	236	<10	42	20	45	<20	<20	11	0.79	0.41	0.57	0.03	0.05	29	5	<2	5	<1	<5	<10	0.08	<1
98R011																															
98R060																															
98R100																															
98R200																															
98R201																															



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

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PROJECT: KING LAKE

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PAGE 2A(3/ 4)

STANDARD NAME	ELEMENT UNITS	Al ₂ O ₃ PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PPM	Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	Li PPM	Ga PPM	La PPM	Sc PPM	Ta PPM	Ti PCT	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Nb PPM	Sr PPM	Y PPM	Zr PPM	Ag PPM	Cu PPM	Pb PPM	Zn PPM						
CANMET STREAM-SED		- 0.7	35	41	187	7	28	17	<1	<5	23	<5	4.15	2464	<25	1275	55	121	<20	<20	27	11	28	10	<5	0.29	5.39	1.21	2.25	1.05	1.33	16	226	26	73	0.2	36	38	187								
Number of Analyses		- 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mean Value		- 0.7	35	41	187	7	28	17	0.5	3	23	3	4.15	2464	13	1275	55	121	10	10	27	11	28	10	3	0.29	5.39	1.21	2.25	1.05	1.33	16	226	26	73	0.2	36	38	187								
Standard Deviation		- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		- 0.4	39	40	204	7	30	16	1	-	28	4	4.40	2730	-	-	80	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANALYTICAL BLANK		<5	<.5	<1	<2	<2	<1	<1	<1	<1	<5	<5	<0.01	<5	<25	<5	<2	<2	<20	<20	<2	<10	<5	<5	<5	<.01	<.01	<.01	<.01	0.03	<.01	<5	3	<5	<.2	<1	<2	<1									
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mean Value		3	0.3	0.5	1	1	0.5	0.5	0.5	0.5	3	3	3	0.005	3	13	3	1	1	10	10	1	5	3	3	3	.005	.005	.005	.005	0.03	.005	3	3	3	3	0.1	0.5	1	0.5							
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		5	0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	.01	.005	1	1	.01	.01	.01	.01	.01	.01	.01	.01	<.01	-	<.01	<.01	-	<.01	.01	.01	.01	.01	0.2	1	2	1						
Gannet Ref.Material	1451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Number of Analyses	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mean Value	1451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value	1490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR
REPORT: V98-00958.0 (COMPLETE)

DATE RECEIVED: 22-JUN-98 DATE PRINTED: 7-JUL-98 PAGE 2B(4/ 4)

PROJECT: KING LAKE

STANDARD NAME	ELEMENT UNITS	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	
CANMET STREAM-SED		7	27	13	1.1	<5	24	<5	3.64	2536	<10	627	30	58	<20	<20	23	1.86	0.86	1.39	0.04	0.16	70	20	3	20	1	<5	<10	0.04	<1	
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mean Value		7	27	13	1.1	3	24	3	3.64	2536	5	627	30	58	10	10	23	1.86	0.86	1.39	0.04	0.16	70	20	3	20	1	3	5	0.04	0.5	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		7	25	14	1.0	-	22	2	3.40	2630	-	-	34	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANALYTICAL BLANK		<1	<1	<1	<.2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1	
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.5	0.5	0.5	0.1	3	3	3	.005	0.5	5	0.5	0.5	0.5	10	10	0.5	.005	.005	.005	.005	.005	0.5	0.5	1	0.5	0.5	3	5	.005	0.5	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		1	1	1	0.1	2	5	5	0.05	1	.01	.01	1	1	.01	.01	.01	<.01	<.01	<.01	<.01	<.01	.01	.01	.01	.01	.01	.01	.01	.01	<.01	.01
Gannet Ref.Material		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intertek Testing Services
Bondar Clegg

Geochemical
Lab
Report

TANANA EXPLORATION
MR. STEVE TRAYNOR
P.O. BOX 4375
STN. MAIN
WHITEHORSE, YT Y1A 3T5

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+

+

+

JB



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

REPORT: V98-01937.0 (COMPLETE)

REFERENCE:

CLIENT: TANANA EXPLORATION

SUBMITTED BY: S. TRAYNOR

PROJECT: KING LAKE

DATE RECEIVED: 29-OCT-98 DATE PRINTED: 13-NOV-98

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBE
981102	1 Au30 Gold	13	5 PPB	Fire Assay of 30g	30g Fire Assay - AA	D DRILL CORE	13	2 -150	13	CRUSH ONLY	13
981102	2 Ag Silver	13	0.5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA					PULVERIZATION	13
981102	3 Cu Copper	13	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	4 Pb Lead	13	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	5 Zn Zinc	13	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	6 Mo Molybdenum	13	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	7 Ni Nickel	13	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	8 Co Cobalt	13	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	9 Cd Cadmium	13	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	10 Bi Bismuth	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	11 As Arsenic	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	12 Sb Antimony	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	13 Fe Tot Total Iron	13	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	14 Mn Manganese	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	15 Te Tellurium	13	25 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	16 Ba Barium	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	17 Cr Chrome	13	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	18 V Vanadium	13	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	19 Sn Tin	13	20 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	20 W Tungsten	13	20 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	21 Li Lithium	13	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	22 Ga Gallium	13	10 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	23 La Lanthanum	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	24 Sc Scandium	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	25 Ta Tantalum	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	26 Ti Titanium	13	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	27 Al Aluminum	13	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	28 Mg Magnesium	13	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	29 Ca Calcium	13	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	30 Ca Calcium	1	0.01 PCT	HF-HNO3-HClO4-HCL	ATOMIC ABSORPTION						
981102	31 Na Sodium	13	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	32 K Potassium	13	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	33 Nb Niobium	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	34 Sr Strontium	13	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	35 Y Yttrium	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						
981102	36 Zr Zirconium	13	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA						

REPORT COPIES TO: MR. STEVE TRAYNOR

INVOICE TO: MR. STEVE TRAYNOR

 This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: TANANA EXPLORATION

REPORT: V98-01937.0 (COMPLETE)

PROJECT: KING LAKE

DATE RECEIVED: 29-OCT-98

DATE PRINTED: 13-NOV-98

PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Al ₂ O ₃	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe Tot	Mn	Te	Ba	Cr	V	Sn	W	Li	Ga	La	Sc	Ta	Ti	Al	Mg	Ca	Ca	Na	K	Nb	Sr	Y	Zr
		PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM
98R411		27	<.5	432	6	97	2	94	34	<1	<5	19	<5	8.37	1372	<25	411	137	276	<20	<20	17	<10	7	26	<5	0.52	8.08	5.31	7.44		0.77	1.67	19	600	14	13
98R412		26	<.5	777	11	81	3	98	26	<1	<5	22	<5	7.37	1377	<25	345	134	233	<20	<20	15	<10	8	24	<5	0.49	7.84	5.65	6.90		1.71	0.96	15	627	14	11
98R413		10	<.5	88	7	59	3	68	19	<1	<5	39	<5	6.33	1131	<25	1278	123	231	<20	<20	15	<10	7	24	6	0.48	8.46	3.96	6.10		2.15	1.97	19	729	13	29
98R414		7	<.5	46	3	71	3	61	18	<1	<5	17	<5	6.47	1333	<25	1580	107	236	<20	<20	23	<10	9	25	8	0.53	8.52	4.41	4.92		1.89	2.56	19	767	14	31
98R415		9	<.5	315	3	64	<1	222	66	<1	<5	<5	<5	8.23	1576	<25	14	510	257	<20	<20	8	<10	<5	50	6	0.34	3.97	8.38	>10.00	11.29	0.28	0.07	21	275	9	14
98R416		8	<.5	6	<2	64	4	182	43	<1	<5	<5	<5	7.44	1319	<25	79	338	198	<20	<20	10	<10	<5	45	<5	0.26	6.94	7.34	9.62		0.36	0.25	10	675	6	<5
98R417		20	1.0	1955	2	74	1001	67	33	<1	<5	5	<5	8.53	1471	<25	107	200	333	<20	26	10	<10	<5	42	6	0.55	7.68	5.74	7.97		0.83	0.52	20	648	11	<5
98R418		8	<.5	19	8	41	4	11	4	<1	<5	<5	<5	2.64	510	<25	1754	59	66	<20	<20	6	13	7	5	10	0.20	9.39	0.88	1.92		3.62	2.70	6	752	7	<5
98R419		12	<.5	107	3	53	7	98	18	<1	<5	5	<5	4.67	926	<25	1803	162	176	<20	<20	10	<10	12	19	<5	0.47	8.67	3.59	3.69		2.47	3.35	16	482	15	<5
98R420		8	<.5	78	6	66	3	133	25	<1	<5	8	<5	5.94	1279	<25	756	184	164	<20	<20	8	<10	11	22	<5	0.41	8.10	4.11	5.03		2.69	1.35	13	401	14	<5
98R421		10	<.5	154	3	59	3	84	17	<1	<5	7	<5	5.19	879	<25	1104	111	172	<20	<20	17	<10	8	19	6	0.38	8.63	3.14	3.50		2.87	2.23	13	444	13	10
98R422		25	<.5	127	6	63	16	139	17	<1	<5	7	<5	5.50	1011	<25	664	175	152	<20	<20	17	<10	12	16	<5	0.38	8.31	3.67	4.76		2.66	1.47	15	363	14	<5
98R423		8	<.5	167	10	74	4	125	19	<1	<5	7	<5	6.09	1117	<25	1236	172	184	<20	<20	18	<10	10	20	7	0.46	9.04	4.03	3.94		2.17	3.02	14	652	14	8



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: TANANA EXPLORATION

PROJECT: KING LAKE

REPORT: V98-01937.0 (COMPLETE)

DATE RECEIVED: 29-OCT-98

DATE PRINTED: 13-NOV-98

PAGE 2 OF 3

STANDARD NAME	ELEMENT UNITS	Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe Tot	Mn	Te	Ba	Cr	V	Sn	W	Li	Ga	La	Sc	Ta	Ti	Al	Mg	Ca	Ca	Na	K	Nb	Sr	Y	Zr
		PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	
ANALYTICAL BLANK		<5	<.5	<1	<2	<2	<1	<1	<1	<1	<5	<5	9	<0.01	<5	<25	<5	<2	<2	<20	<20	<2	<10	<5	<5	<5	<.01	<.01	<.01	<0.01	-	0.01	<.01	<5	<1	<5	<5
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
Mean Value		3	0.3	<1	1	1	<1	<1	<1	<1	3	3	9	<0.01	3	13	3	1	1	10	10	1	5	3	3	3	<.01	<.01	<.01	<0.01	-	0.01	<.01	3	<1	3	3
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		5	0.2	1	2	1	1	1	1	<1	2	5	5	0.05	1	<1	<1	1	1	<1	<1	<1	<1	<1	<1	<1	<.01	-	<.01	<0.01	<0.01	-	<.01	<1	<1	<1	<1
BCC Au Std.9		189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mean Value		189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BCC GEOCHEM STD 5		-	<.5	87	5	77	2	41	14	<1	<5	13	<5	4.88	828	<25	699	75	166	<20	<20	27	<10	7	19	<5	0.46	7.16	1.90	1.93	-	1.61	1.08	17	257	12	45
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	
Mean Value		-	0.3	87	5	77	2	41	14	<1	3	13	3	4.88	828	13	699	75	166	10	10	27	5	7	19	3	0.46	7.16	1.90	1.93	-	1.61	1.08	17	257	12	45
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		-	0.7	99	11	80	2	40	18	<1	1	8	1	4.95	850	-	800	108	175	4	2	32	4	10	18	1	0.51	8.30	1.90	1.85	-	1.82	1.00	17	265	13	45

