

MAP NO.: ASSESSMENT REPORT X  
105 D 2 PROSPECTUS  
CONFIDENTIAL X  
OPEN FILE

DOCUMENT NO: 092893  
MINING DISTRICT: WHITEHORSE  
TYPE OF WORK: PROSPECTING  
Geochemistry

REPORT FILED UNDER: Geoff Rushant

DATE PERFORMED: September, 1990 DATE FILED: Dec 27, 1990

LOCATION: LAT.: 60°00'N AREA: Bennett Lake

LONG.: 134°56'W VALUE \$: 900

CLAIM NAME & NO.: SCOUT 1-9

WORK DONE BY: G. Rushant

WORK DONE FOR: Geoff Rushant

DATE TO GOOD STANDING:	

REMARKS: The Scout claims were staked to cover a gossanous rhyolite plug located within the Llewellyn fault. The nine claims were mapped and prospected. Soil and rock samples were collected. Mineralized float was discovered in 1989 and the 1990 program attempted to locate the source. The contact between granites and country rock seemed to be the best source of the mineralized material. A NS shear was also a likely source.

**CONFIDENTIAL**

**Prospecting and Geochemical Survey Report**

**on Scout Claims 1-9**

**1-7 YB26318 - YB26324**

**8-9 YB26373 - YB26374**

**NTS 105 D/2**

**Lat 60°00' N Long 134°56' W**

**for**

**G. Rushant Prospector**

**Box 6, Carcross**

**by G. Rushant**

**work done September 1990**

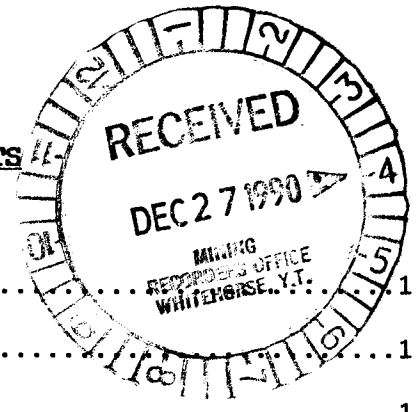
**092893**

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 900.

*D. J. Quilley*  
Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

8 11 2000

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092893

## Summary

Although no major veins or high economic mineral values were found, the possibility of epithermal precious and base metal mineralization in a N-S shear zone in granite and along granite/rhyolite contact extending 1000m E-W and open along strike N-S has been mapped out, by prospecting, grid construction and rock and stream sediment geochem analysis.

Geochem and Prospecting on the claims South indicate a possible linear extension of mineralization into the next creek S about 1000 m from 1B zone.

The best possibility of mineralization on the west part in the 'peaks' area from float, Geochem and airborne mag and previous prospecting seems to be around 600+ West 100S-100E; and, 400-600S, 400-500W where high Ag, Pb, Zn, and trace Au occurs in outcrop in carbonitized?, serpentinized ultra mafics and meta-basalt. This area is the least accessible.

## Introduction

Scout claims 1-9 were staked in spring of 1989 over a gossanous Rhyolite plug along strike of the Llewellyn fault. They are held wholly by G. Rushant. Current expiration date is June 1991.

Reconnaissance prospecting and geochemical sampling was carried out with the help of the YTG Economic Development Mines and Small Business Prospector Assistance Program.

## Location, Access and Terrain

The scout 1-9 claims are located in the Whitehorse Mining Division on the west side of Bennett Lake approximately 1 km from the lake. The southern claim boundary is the BC/Yukon border. On the east side of Bennett Lake is the WP&YR railroad and Montana Mountain area. The closest town is Carcross, approximately 24 km north at the head of the lake.

Access for my work has been by boat from Carcross and on foot with pack dogs.

The claims are on the east side of the Bennett Range which rises from 2150 ft. at lake level to over 6000 ft. Scout 1-9 covers an area from 3000 ft. to 5500 ft. elevation.

The best outcrop exposures are in creek gullies and erosional remnants, mostly above 5000 ft. Much of the property is covered by vegetation (fir, willow, dwarf birch) and/or loose, broken rock. It is steep country.

## History of Work

Finger copper occurrence staked by C. Johns, July 1967. Anna & Dora cl (Y20345) covering chalcopyrite in shearing of meta-volcanics Yukon Minfile #15. This was to the NW of current Scout claims.

Restaked to the NW of Finger as Ben cl (YA19266), July 1977 by Ross Bennett JV (E+B Exploration) Welcome North ML, Kennco EL + Malabar Silver ML). They did mapping, geochem, and radiometric surveys.

Benall #177 Yukon Minfile staked as Ben cl (YA95243), July 1986 by All

North Res.

Two easterly trending quartz veins occur in Tantalus FM conglomerate and Mt. Nansen volcanics. Chip sample values to 6.6g/+Au, 200g/+Ag. This property is several miles north of Scout cl (along strike of Llewellyn fault?).

### Current Work

Scout 1989: Reconnaissance prospecting, stream sediment and rock geochem by G. Rushant turned up minor mineralization and zones of interest in three general areas involving all nine claims.

Zn, Pb, Ag, Cu, minor Au in shear SW part, Cu, Ni with As in a small vein NW part. Associated country rock is meta-volcanic and ultra mafics, some serpentinized.

Cu mineralized mafic, ultramafic, and felsic float from the west has been found. Two specimens analysed had poly metallic anomalous values, Au-400ppb.

NNE part has minor precious and base metal values associated with quartz and clay alteration in granite across approximately 1km. some light green **quartz breccia (or conglomerate)** float with minor Au, Pb anomalous values caused some interest.

SE part: A geochem survey of talus fines from a very eroded, vertically inclined sedimentary unit indicates a trend of increasing poly metallic values (Mo, Cu, Zn, Ni, Co, Fe, As, and minor Au) to the east, where outcrop exposure is lost but prospecting results indicate a contact with granite within a couple hundred metres.

Of the two creeks draining the property, the best overall values from a GSC stream sediment survey come from this part of the claims.

The 1990 work program involved six days on the property, Sept. 14 to Sept. 19, operating from a camp at about 4000 ft. elevation. A day was spent getting there from Carcross, and a day getting back. The objective was to explore the shear zone in the granite and its contact with the rhyolite and meta-volcanics to the west. This area was thought to be the source of quartz breccia float with Au-200ppb and meta-volcanic float containing chalcopyrite, Au-400ppb.

The eastern part of the work area contains quartz in shears Au-400ppb and coincident anomalous stream sediment base and precious metal values.

A grid at 100m intervals was constructed on Scout claims 1-6 using the E-W claim lines as a baseline. 1:10,000 scale geological mapping was done along with prospecting and collection of 13 stream sediment, 14 shear filling and rock samples for geochem analysis.

No vein sources of float or economic mineralization was found. However, indications of epithermal events and minor base and precious metal mineralization were mapped across an area of at least 1km E-W.

### Stream Sediment Geochemical Survey

A total of 13 silt/sand samples were collected while mapping and prospecting to locate possible anomalous areas or trends in the north and west area of Scout claims 1-6. Sample locations are tied into the 100m grid constructed on these claims. All materials were collected in kraft paper envelopes from seasonally active stream or gully channels. All except samples

F1CD and 1BC2 were dry at the time. Samples were dried at room temperature and screened to -180 mesh by NAL lab of Whitehorse. See Appendix 2 for lab reports.

Analysis was done by fire assay and AA finish of 30gr sample for Au, and 30 element ICP. Results and locations are on Map 4. Some results from 1989 program are also included on Map 4. They were collected, handled and analysed by the same methods and lab.

The results are plotted into four categories which seem to suggest some rough trends.

The best values are from the creek 1A system. Zn, Pb, Ag, Cu, Mn, Cd, minor Au, Mo, Ba, and B, with relatively low Fe, are common to the two southernmost and highest anomalies.

The NW drainage has a common higher Ni, Co, Mg, Ca signature with two samples having elevated Zn, Pb and minor Au. This is on the upper part of creek 1C system.

The strongest Zn, Pb, Ag (mineral) anomaly in mid 1A may correspond to known mineralization in outcrop in the upper end of this creek gully, but the values of the sample above are weaker as is the sample below. The two samples from the N branch of this creek have similar but weaker values, the lower one, 1AC2, being the strongest, is just below a mapped granite/rhyolite contact.

The samples from the NW drainage higher in Ni, Co, Cr, Mg are probably derived from an ultra mafic source. This corresponds with mapping, float and a mag high (from a government area mag map). The relatively higher mineral values including minor Au seem to come from the area of the mag high. Cu, Ni, Cr mineralization has been noted in the upper reaches of creek 1C and some of the best mineralized float has come from the same area.

The most promising and easily accessible area of interest is between 800E and 100W. More detailed stream sediment sampling may narrow down mineral sources. The area between the creeks is vegetated with a thin layer of overburden covering mostly broken rock.

On the claim block to the south, previous geochem talus fine sampling on N side of creek 2 between 300E and 600E indicated a trend of higher values to the east. This trend is higher Mo, Cu, Pb, Zn, Ni, Co, Fe, As, Sb, Bi, Cr, W, Al, lower Mg and minor Au. The possibility of a mineralized linear feature between this area and the east end of the 1B area will be explored.

### Rock Geochemistry

A total of 14 samples of shear filling and vein material were collected. These were all analysed by two methods as this was the cheapest way to get values for all desired elements. Preparation and analysis was done by Bondar-Clegg of Whitehorse.

Methods were: Au + 8 elements; 28 element ICP. Details in lab reports in appendix 2.

Location of samples are shown on map 3 with the 1:10,000 geological mapping. Sample sites are tied into the 100m grid on the ground. Four samples from the 1989 program relevant to this year's work are also shown on map 3.

Six samples of quartz, calcite and altered granite were collected from some of the shears at the 1B area. These shears are exposed in an eroded, gossanous zone beside creek 1B. They strike N and dip 40°-45°W. Minor anomalous values were returned. The best Au value, 208ppb, was from 1B180, a chip sample across 2m of rusty, altered granite and quartz. Two other samples

of similar material from around the same area also had small Au values. Minor Ag, Pb, Zn values occur with one of these. Minor As, Sb values are associated with these three samples. A sample from a shear at the east part of the 1B area has anomalous values of Ag, Mo, Bi, distinguishing it from others in the vicinity.

Three samples of altered granite, calcite and minor quartz stringers were taken from the vicinity of a granite/rhyolite (conglomerate?) contact, approximately 400-500m W of the 1B zone (B1 samples). These all returned low values, although two of them, B1225 and B1275, have elevated Au (33 and 20ppb).

Two samples, IN350 and IN363, NW of B1 area, were from N-S trending seams of clay/calcite altered granite material beside a mafic dike. They returned low values, though relatively anomalous Zn, Ba, Ni values are shown.

Three samples were collected on the west end of the claims. GQBX, a grab sample of a light green rhyolite/quartz breccia outcrop, has no anomalous values. 1AN, a grab sample of rusty quartz from an E-W shear in volcanic country rock, has minor Pb, Zn values. 1C2, a chip sample across 1m of unmineralized quartz exposed in a dark volcanic rock near a granite contact, returned no anomalous values.

### Prospecting and Mapping

Prospecting and mapping was done to locate geological contacts and vein sources of mineralized float found in 1989.

Grid construction at 100m spacing was done between 200E/450W and 300S/300N. Baseline is the E-W claim line of Scout 1, 3, 5 and 2, 4, 6. Lines are flagged at 25m stations. Most prospecting was done within this area. Rock unit mapping was done at 1:10,000 scale (see map 3).

While no major veins or economic mineralization was found, some interesting features were noted.

In the west, numerous gossans and E-W trending calcite, chlorite stringers and veins occur in mafic volcanic rock. One vein of vuggy calcite to .3m. Some of these extend E into granite and rhyolite along with mafic dikes.

To the east, alteration in granite occurs at a contact with light green rock (unit 5), possibly in conjunction with N-S shears exposed in granite for over 1km especially visible on N side of creek 1. Alterations are propylitic and clay with calcite, some fluorite and rhodocrosite, and some minor chalcedonic stringers. One very rusty granite/gray rhyolite contact was found SE of here. Most of this area is covered with vegetation and/or scree.

Further east, the 1B zone, a gossanous eroded exposure of the N-S shear zone, has vuggy calcite veins and pods, quartz veins and stringers (vuggy and massive), and minor amethyst and fluorite in clay and propylitically altered granite. There are quite a few of these shears or fractures over an exposed area of about 250m. Ag, Pb, Zn, Cu mineralization was previously noted to the north of here with a mafic volcanic in a small N trending fault. Also, several hundred metres to the east, a 2m wide outcrop of grayish quartz, calcite, talc?, sericite? in altered granite has the same strike and dip as the shears at 1B.



**Conclusion**

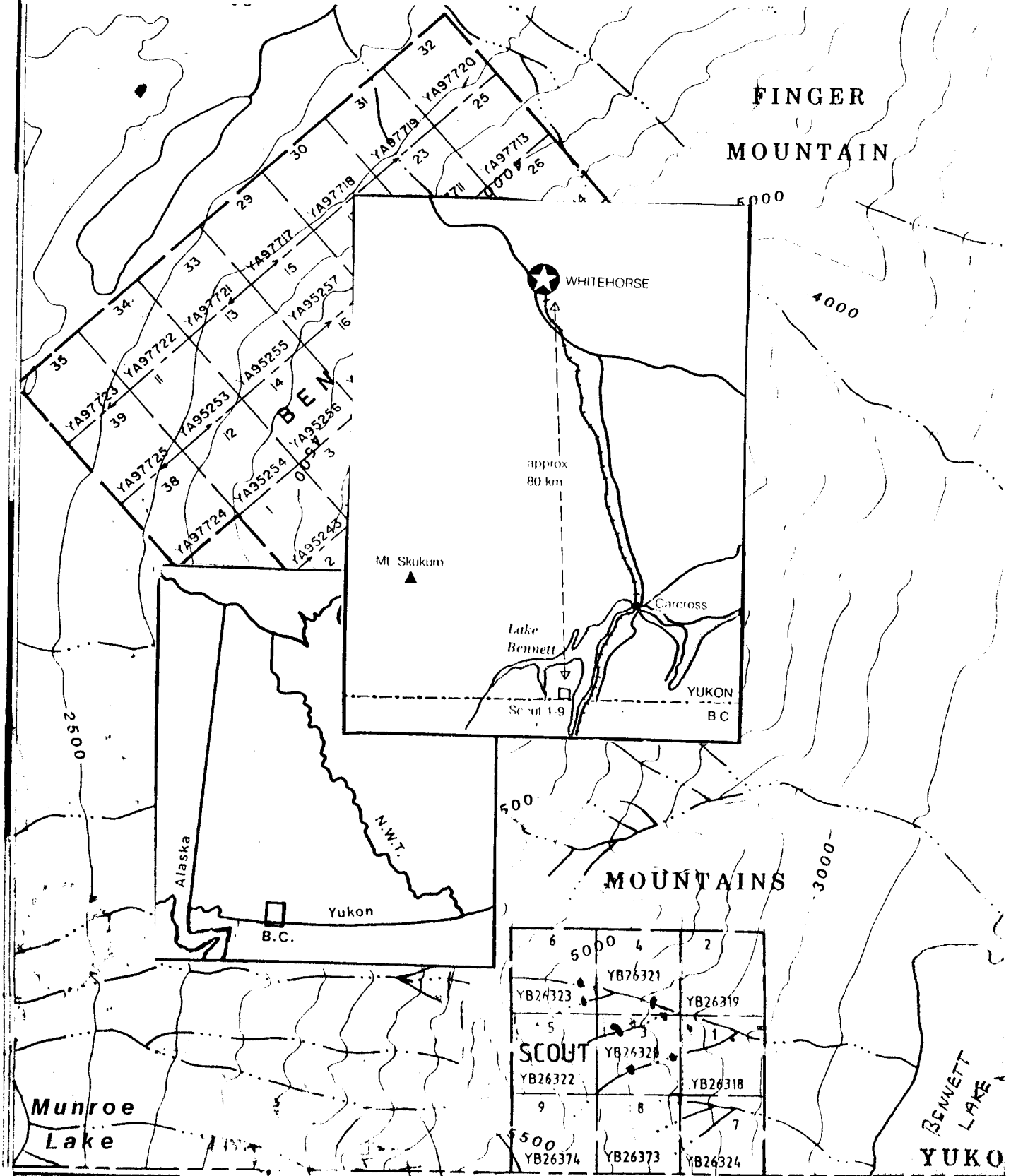
The best potential for mineralization seems to be along a N-S trend of shearing on the east side of the claims. Geochem and prospecting from the 1989 and 1990 programs indicates a possible mineralized linear from roughly 600-700E on creek 2 to the 1B area and/or along a NW trending granite/rhyolite contact.

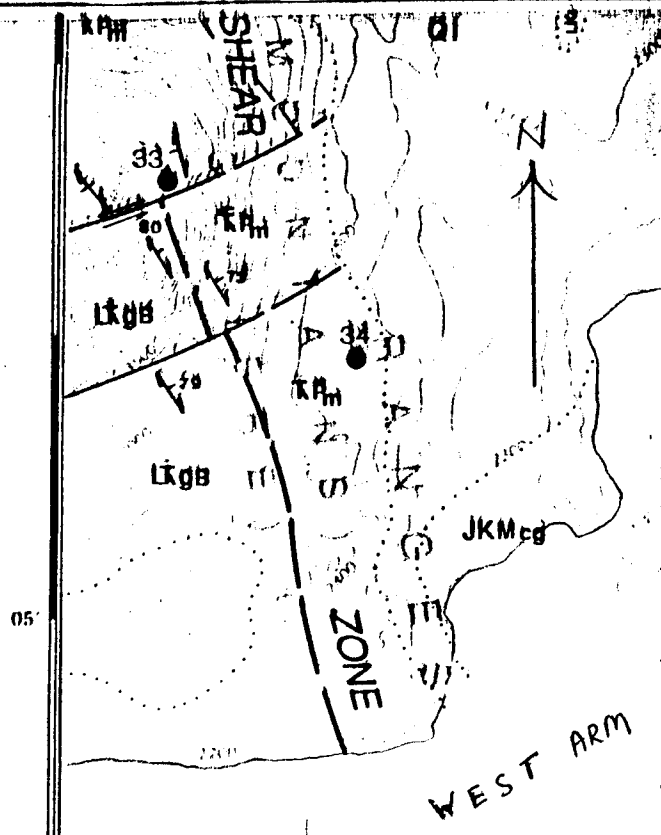
Future work will involve more detailed prospecting, mapping and geochem in this area. Trenching will be done on at least two veins in the 1B area.

# MAP 1

CLAIM SH 105 D/2

CLAIM LOCATION



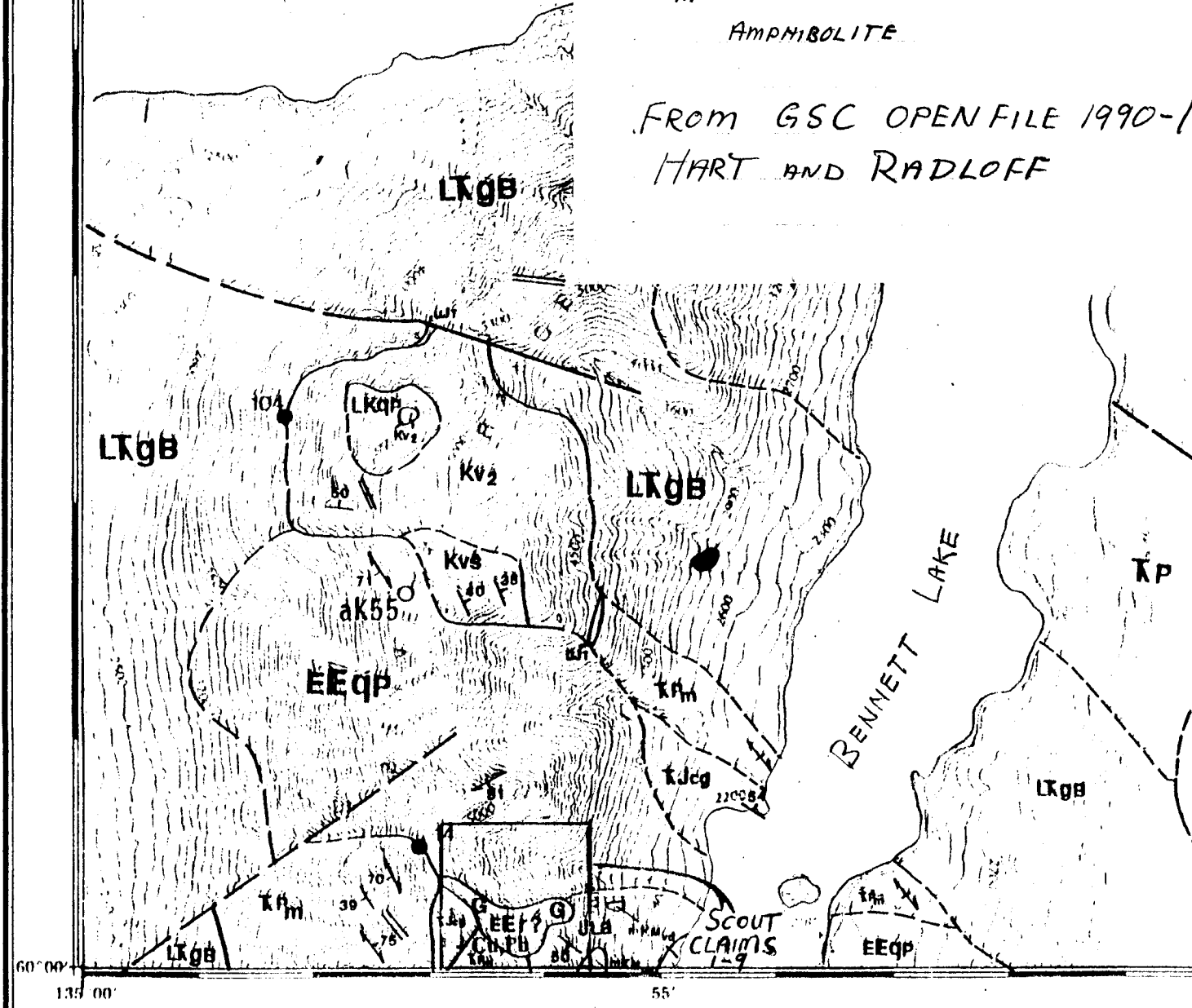


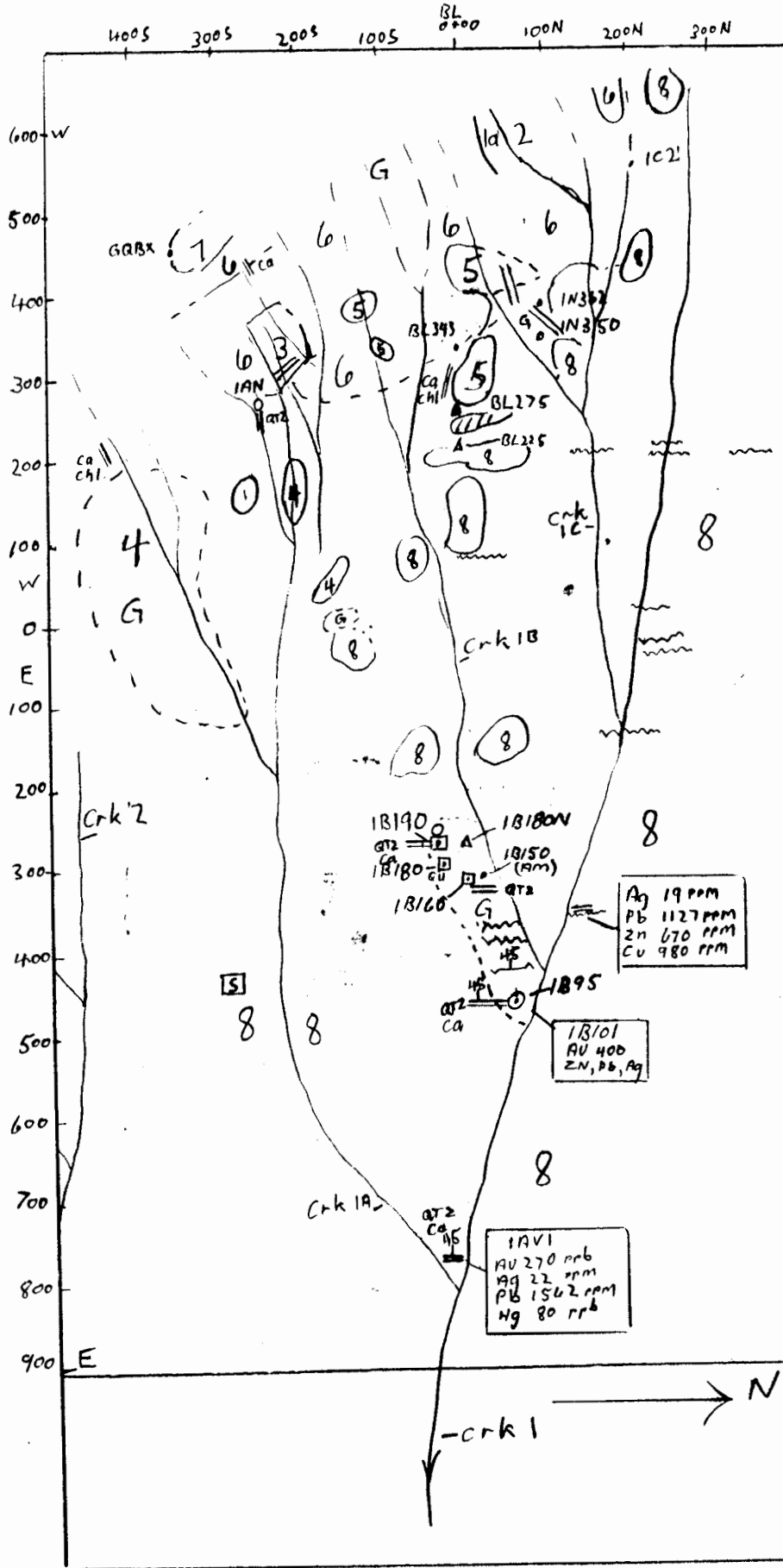
# MAP 2

## REGIONAL GEOLOGY

- EE? - Grey Green Rhyolite
- EEqp - PENNINGTON GRANITE 55 MA K-Ar
- LKqp - PORPHYRITIC PLASKITE and GRANITE
- KV2 - DARK GREY/BLUE GREY ANDESITE TO RHYOLITE
- KVs - GREYWACKE AND SANDY TUFF
- mKmd - MONTANA MTN VOLCANICS  
DARK GREEN TO GREY ANDESITE
- JLa - ARGILLITE, SHALE, SILTSTONE
- KJcg - PALE GREEN, ANGULAR CONGLOMERATE.
- Kpm - PALE TO DARK GREEN AMPHIBOLITE.

FROM GSC OPEN FILE 1990-1  
HART AND RADLOFF





# MAP 3

## GEOLOGICAL MAP

### GEOCHEM SAMPLES

100M  
1:10,000

- 1 Mafic Volcanic
- 1a mafic volcanic magnetic
- 2 AMPHIBOLITE
- 3 BLACK AND TAN Siliceous
- 4 Grey GREEN Rhyolite
- 5 LIGHT GREEN, GREY, WHITE Rhyolite? CONGLOMERATE?
- 6 Dark green, Grey, WHITE mottled, Hard
- 7 LIGHT GREEN Rhy bx? w/ qtz and qtzite
- 8 PENNINGTON GRANITE

PROPYLITIC ALTERATION

GOSSAN

Mafic Volcanic Dikes

SHEAR VERTICAL DIP

SHEAR DIP

qtz VEINING w/ DIP Calcite

CHLORITE NON ANOMALOUS

Au > 20 PPB

Au > 100 PPB

Ag, Mo, Bi, Cu

Cu > 100 PPM

Zn, Pb > 200 PPM

AM AMETHYST

SOIL SAMPLE FROM '89 ANOMALOUS Zn, Pb, Ag, Cu, Ni, Co, Fe, Sb, Bi, Cd.

18101 From '89

Ag 19 ppm  
Pb 1127 ppm  
Zn 670 ppm  
Cu 980 ppm

18101  
Au 400  
Zn, Pb, Ag

18101  
Au 270 ppb  
Ag 22 ppm  
Pb 1562 ppm  
Hg 80 ppb

18190  
qtz  
18180  
18160  
18180N  
18150 (AM)  
qtz  
1895  
Ca

GABX

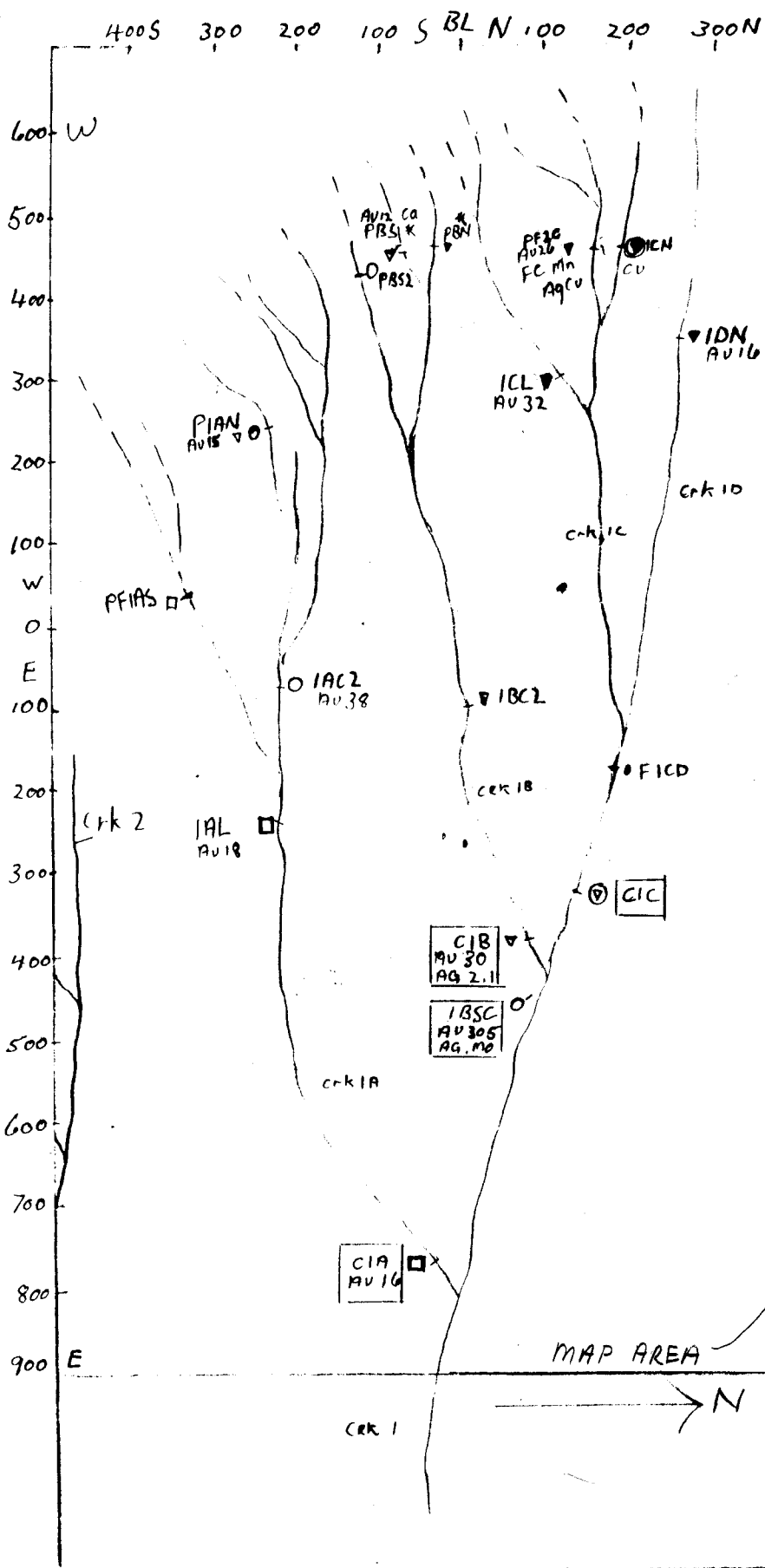
600 W  
500  
400  
300  
200  
100  
W  
0  
E  
100  
200  
300  
400  
500  
600  
700  
800  
900 E

400S 300S 200S 100S BL 0 100N 200N 300N

crk 1 → N  
crk 1A  
crk 1B  
crk 1C

Lithologies for Map 3

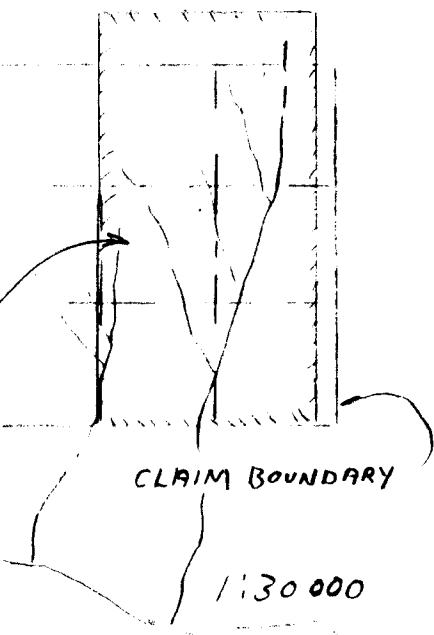
1	Mafic Volcanic	Black, hard, fine grained basalt, some maroon coloured.
1a	Mafic Volcanic	Magnetic.
2	Amphibolite	Dark gray to greenish chloritic, magnetic; not hard.
3	Black and Tan	Black, fine grain, hard typically magnetic rock; seems to intrude hard, non-magnetic, fine grain, tan coloured rock. Tan rock has bedding?
4	Rhyolite Plug	Gray to gray/green, some pyrite, outcrop very gossanous to south.
5	Light Green/Gray Rhyolite (conglomerate?)	Hard aphanitic to granitic texture; has some schistose fragments.
6	Dark Green/Gray/White Volcanic?	Hard, fine grain to mottled (porphyritic) texture, some granitic looking, some breccia.
7	Light Green Rhyolite Breccia (conglomerate?)	Quartz and quartzite fragments in a hard, milky, light green matrix.
8	Pennington Granite	



Map 4  
 STREAM SEDIMENT  
 SAMPLE  
 LOCATION AND GEOCHEM

100 m.  
 N: 10000

- HIGHER VALUES OF  
 Zn Pb Ag Mn Cu Cd B  
 LOWER Cr Fe
- Zn Pb > 200 PPM
- ▽ HIGHER Ni Co Cr Mg
- LOWER O/A VALUES



Statement of expenses

8 mandays (2 travelling) @ 150/day	1200.00
camp expenses: 6 days on site @ 40/day	240.00
travel (boat)	55.00
pack dog food	25.00
maps and mapping supplies	20.00
rock analysis	416.50
stream sediment analysis	<u>195.00</u>
	2151.50

October 5, 1990

Work Order # 08419

Geoff Rushant  
Box 6  
Carcross, Yukon  
Y0B 1B0

**Invoice for Analytical Services**

Sample Preparation	13 x \$ 1.00	=	\$ 13.00
Au 30 Geochem Package	13 x \$ 14.00	=	\$ 182.00
<hr/>			
Total due on receipt of invoice			\$ 195.00

*Thank you for using Northern Analytical Laboratories Ltd.*

**PAID**  
S.V.





October 5, 1990

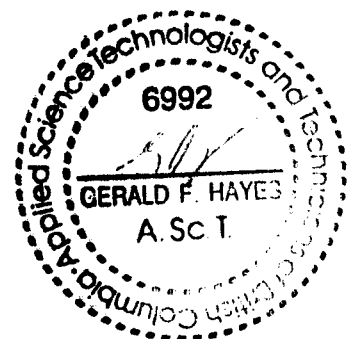
Work Order # 08419

Geoff Rushant  
Box 6  
Carcross, Yukon  
Y0B 1B0

Assay Certificate For Samples Provided

Sample	ppb Au
PBN	<10
PBS2	<10
ICN	<10
PLAN	15
IBC2	<10
EFIAS	<10
ICL	32
FICD	<10
IDN	16
IAL	18
LBS	12
LAC2	38
LFC2	26

Au -- 15g Fire Assay/AAS



CAVENDISH ANALYTICAL LABORATORY LTD.

2225 S. Springer Ave., Burnaby,  
British Columbia, Can. V5B 3M1  
Ph:(604)299-2560 Fax:299-6252

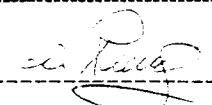
CERTIFICATE OF ANALYSIS

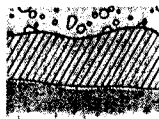
TO : NORTHERN ANALYTICAL LAB LTD.  
105 COPPER RD.  
WHITEHORSE YUKON  
PROJECT : WO# 8419  
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90-1006C  
INVOICE # : NAL1006C  
DATE ENTERED : OCT 9, 1990  
FILE NAME : P1006C  
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	I FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	I CA	I P	PPM LA	PPM CR	I MG	PPM BA	I TI	PPM B	I AL	I NA	I SI	PPM W	PPM BE
	TCL	1	70	46	100	0.1	51	14	551	3.46	31	N/A	ND	ND	209	1	2	2	78	1.19	0.08	4	127	1.62	107	0.13	5	2.11	0.01	0.01	2	2
	FICD	3	65	95	155	0.2	22	6	711	3.30	19	N/A	ND	ND	140	1	2	2	72	0.85	0.08	12	57	0.89	109	0.11	5	1.62	0.02	0.01	1	2
	IDM	1	39	18	85	0.1	71	18	538	3.66	25	N/A	ND	ND	262	1	5	2	106	2.06	0.06	3	142	2.31	114	0.12	5	2.06	0.01	0.01	2	2
	IAL	4	201	808	1160	4.4	10	3	2604	2.85	22	N/A	ND	ND	229	12	2	2	38	0.98	0.10	23	35	1.02	328	0.03	11	2.49	0.01	0.01	1	2
	ICM	1	161	216	213	0.8	36	13	791	4.01	19	N/A	ND	ND	183	2	2	2	136	1.39	0.11	7	78	1.70	176	0.22	5	3.20	0.03	0.01	1	3
	PBS	1	48	17	54	0.1	61	23	520	4.62	26	N/A	ND	ND	108	1	6	2	125	2.33	0.06	3	142	1.98	125	0.19	7	1.60	0.01	0.01	3	2
	IAC2	4	99	239	428	1.1	21	2	1029	3.09	28	N/A	ND	ND	330	3	2	2	58	1.13	0.10	14	37	1.01	125	0.06	11	2.54	0.02	0.01	1	2
	PF2C	1	174	77	171	1.1	65	20	1119	6.18	41	N/A	ND	ND	286	2	2	2	158	1.82	0.16	6	91	2.30	131	0.21	5	3.67	0.02	0.01	1	3
	PBS2	7	65	281	277	0.1	7	2	1056	3.07	22	N/A	ND	ND	146	2	2	5	49	0.72	0.09	22	34	0.56	149	0.08	5	1.68	0.01	0.01	1	2
	PBM	2	53	51	98	0.2	45	13	643	3.35	24	N/A	ND	ND	336	1	3	2	77	1.22	0.09	8	112	1.70	139	0.13	5	2.65	0.02	0.01	1	2
	PIAM	9	90	147	318	0.5	39	3	1113	3.62	46	N/A	ND	ND	562	4	2	2	82	1.65	0.11	18	55	1.38	129	0.05	5	3.70	0.02	0.02	1	3
	IBC2	2	36	29	66	0.1	40	13	449	3.83	20	N/A	ND	ND	178	1	5	2	104	1.07	0.06	5	114	1.41	104	0.18	5	1.63	0.02	0.01	4	2
	PF1AS	7	118	537	672	2.0	15	2	1896	2.66	35	N/A	ND	ND	357	7	2	2	43	1.47	0.10	16	37	1.23	204	0.04	9	2.98	0.02	0.01	1	2
	STD-S	25	830	520	513	20.1	248	335	996	3.52	346	N/A	60	669	755	174	927	453	118	0.42	2.99	1136	70	0.50	261	0.14	656	1.61	0.10	0.01	321	54

APPENDIX 2 30FS

CERTIFIED BY : 



MR. GLOFF RUSHTANT  
 C/O BCC WHITEHORSE  
 136 INDUSTRIAL ROAD  
 WHITEHORSE, VERON  
 Y1A 2X1

Invoice : V076682, Page 1  
 Date : 12-OCT-90  
 Report No: V90-36272.0  
 Project : NONE GIVEN  
 Reference:

14 Analyses of GOLD + 8 PACKAGE at \$17.75 \$ 248.50 \$ 248.50  
 Arsenic Antimony  
 Silver Copper  
 Mercury Molybdenum  
 Lead Zinc  
 Gold 30 grams

14 Analyses of LITHIUM 28EL PARTIAL at \$ 8.00 \$ 112.00 \$ 112.00  
 Silver Aluminum  
 Arsenic Barium  
 Bismuth Calcium  
 Cadmium Cobalt  
 Chromium Copper  
 Iron Potassium  
 Lanthanum Magnesium  
 Manganese Molybdenum  
 Sodium Nickel  
 Lead Antimony  
 Tin Strontium  
 Tellurium Vanadium  
 Tungsten Yttrium  
 Zinc

Sample Preparation

14 Samples of CRUSH, PULVERIZE -150 at \$ 4.00 \$ 56.00  
 Subtotal \$ 56.00 \$ 56.00

Invoice Total: \$ 416.50 Cdn

*Pd Cash  
 Oct 19/90  
 J.H.*

Bondar Clegg & Company Ltd.  
 130 Pemberton Ave.  
 North Vancouver, B.C.  
 V7P 2R5  
 (604) 985 0681 Telex 04 352667



Geochemical  
 Lab Report

APPENDIX 2 5 of 8

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-36272.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: MR. GEOFF RUSHANT  
 PROJECT: NONE GIVEN

SUBMITTED BY: G. RUSHANT  
 DATE PRINTED: 15-OCT-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag Silver	14	0.2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
2	Cu Copper	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
3	Pb Lead	14	2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
4	Zn Zinc	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
5	Mo Molybdenum	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
6	Ni Nickel	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
7	Co Cobalt	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
8	Cd Cadmium	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
9	Bi Bismuth	14	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
10	As Arsenic	14	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
11	Sb Antimony	14	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
12	Fe Iron	14	0.01 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
13	Mn Manganese	14	0.01 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
14	Te Tellurium	14	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
15	Ba Barium	14	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
16	Cr Chromium	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
17	V Vanadium	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
18	Sn Tin	14	20 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
19	W Tungsten	14	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
20	La Lanthanum	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
21	Al Aluminum	14	0.02 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
22	Mg Magnesium	14	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
23	Ca Calcium	14	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
24	Na Sodium	14	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
25	K Potassium	14	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
26	Sr Strontium	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
27	Y Yttrium	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
28	Au 30g Gold 30 grams	14	5 PPB	Fire-Assay	Fire Assay AA
29	Ag Silver	14	0.2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
30	Cu Copper	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
31	Pb Lead	14	2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
32	Zn Zinc	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
33	Mo Molybdenum	14	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
34	As Arsenic	14	1.0 PPM	Not applicable	Inst. Neutron Activ.
35	Sb Antimony	14	0.2 PPM	Not applicable	Inst. Neutron Activ.
36	Hg Mercury	14	0.010 PPM	HN03-HCl-SnSO4	Cold Vapour AA

Bondar-Clegg & Company Ltd.  
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SAMPLE NUMBER	ELEMENT UNITS	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Fe pct
R2 BL225		0.8	6	12	89	<1	2	2	<1	<5	12	6	1.38
R2 BL275		0.4	6	15	55	<1	4	2	<1	<5	16	9	0.87
R2 BL343		0.4	3	77	98	<1	3	2	<1	<5	5	<5	0.21
R2 G08X		0.3	9	6	33	<1	2	1	<1	<5	8	9	0.40
R2 IAN		0.8	30	371	895	2	3	4	9	<5	10	<5	1.70
R2 IB95		8.2	8	44	32	39	1	2	<1	89	<5	7	0.71
R2 IB150		1.0	2	19	22	1	<1	1	<1	6	<5	<5	0.76
R2 IB160		0.5	15	31	50	1	1	3	<1	<5	44	<5	1.58
R2 IB180		0.5	127	50	71	6	1	6	<1	<5	44	<5	2.19
R2 IB180N		0.3	3	49	74	2	1	3	1	<5	16	8	1.36
R2 IB190		1.2	15	223	225	4	1	5	2	<5	41	<5	3.09
R2 IC2		0.5	31	22	29	<1	4	3	<1	<5	6	6	0.70
R2 IN350		0.9	28	40	389	<1	3	6	3	<5	25	7	4.18
R2 IN362		0.3	26	13	41	<1	15	4	<1	<5	9	<5	1.15

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SAMPLE NUMBER	ELEMENT UNITS	Mn PCT	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT
R2 8L225		0.46	<10	52	11	18	<20	<10	13	1.51	0.16	3.12	0.08
R2 8L275		0.09	<10	115	15	29	<20	<10	8	2.37	0.17	>10.00	0.13
R2 8L343		0.04	<10	15	24	12	<20	<10	8	4.46	0.59	6.08	<0.05
R2 G08X		0.02	<10	49	23	10	<20	<10	3	2.93	1.11	5.61	0.12
R2 IAN		0.14	<10	9	33	18	<20	<10	11	0.89	0.43	1.62	<0.05
R2 IB95		0.08	<10	52	76	5	<20	<10	16	0.47	0.06	2.30	<0.05
R2 IB150		0.50	<10	96	28	12	<20	<10	4	0.14	0.09	3.74	<0.05
R2 IB160		0.08	<10	47	59	9	<20	<10	15	0.53	0.12	4.72	<0.05
R2 IB180		0.04	<10	55	35	6	<20	<10	25	0.59	0.09	0.35	<0.05
R2 IB180N		0.11	<10	62	52	3	<20	<10	17	0.45	0.08	6.00	<0.05
R2 IB190		0.05	<10	62	33	8	<20	<10	17	0.73	0.22	0.90	<0.05
R2 IC2		0.02	<10	14	96	19	<20	<10	<1	0.47	0.23	0.64	<0.05
R2 IN350		0.08	<10	253	18	47	<20	<10	18	3.47	0.68	2.12	0.06
R2 IN362		0.04	<10	51	54	12	<20	<10	10	2.00	0.35	0.83	<0.05

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SAMPLE NUMBER	ELEMENT UNITS	K PCT	Sr PPM	Y PPM	Au 30g PPM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	As PPM	Sb PPM	Hg PPM
R2 BL225		<0.05	194	14	33	0.7	5	11	90	<1	3.2	2.3	0.013
R2 BL275		<0.05	136	5	20	0.3	6	16	61	2	20.0	5.0	0.011
R2 BL343		0.12	132	3	<5	0.3	5	79	97	<1	5.5	8.7	<0.010
R2 GQBX		<0.05	375	3	<5	0.3	10	7	31	1	18.0	13.0	<0.010
R2 IAN		<0.05	108	6	<5	0.6	27	369	694	3	8.0	7.0	0.016
R2 I895		0.23	35	11	17	8.6	7	46	31	44	7.0	5.2	0.019
R2 I8150		0.09	499	39	16	0.9	<1	20	22	2	3.8	4.1	<0.010
R2 I8150		0.19	112	15	193	0.6	13	32	61	3	39.0	11.0	0.011
R2 I8180		0.19	10	12	208	0.3	127	51	55	7	32.0	8.7	<0.010
R2 I8180M		0.19	109	15	45	0.2	2	50	80	3	14.0	11.0	0.012
R2 I8190		0.15	31	10	114	1.1	12	221	220	6	36.0	18.0	0.019
R2 IC2		0.05	140	2	6	0.5	30	21	31	<1	5.0	7.7	<0.010
R2 IN350		0.36	480	18	<5	0.7	26	39	390	2	9.3	2.4	<0.010
R2 IN362		0.11	109	4	<5	<0.2	27	15	45	1	5.7	2.6	<0.010

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Personnel Qualifications

All work on the claims and the report was done by myself

Geoff Rushant,  
Box 6, Carcross,  
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I have been a resident of Carcross for 15 years.

- prospected 2 seasons (1989, 1990)
- completed 2 prospecting courses offered by the Yukon Chamber of Mines (1988, 1989)
- completed advanced prospecting course, Cowichan Bay, B.C., offered by B.C. Department of Energy, Mines and Petroleum Resources (1990)



Geoff Rushant