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**GEOCHEMICAL AND GEOPHYSICAL
REPORT ON THE
GROUSE CREEK GOLD PROSPECT
CARIBOO MINING DIVISION, B.C.
N.T.S. 93H/3W**

NOV 09 1995
Gold Commissioner's Office
VANCOUVER, B.C.

BY
A.G. TROUP, P.Eng.

October 1995

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

CLAIMS WORKED

CLAIM NAMES	UNITS	RECORD NUMBERS	ANNIVERSARIES
G-1 to G-9	9	330261 - 330269	AUGUST 20
G-10	1	337731	JULY 9

LOCATION: 53°02' North Latitude
121°28' West Longitude

93H/3W

OWNER: A.G.TROUP
OPERATOR: A.G.TROUP



**GEOCHEMICAL AND GEOPHYSICAL
REPORT ON THE
GROUSE CREEK GOLD PROSPECT
CARIBOO MINING DIVISION, B.C.**

SUMMARY:

The Grouse property is a gold prospect located in central British Columbia, approximately 70 km east of Quesnel and 5 km southeast of Barkerville. The property is located in the Cariboo Mining Division and is comprised of 10 two post mineral claims.

In July 1995, a reconnaissance exploration program entailing prospecting, rock chip sampling, geochemical sampling and a magnetometer survey was carried out over the property. Field work was carried out from July 8 to July 18, by a two person crew working out of the Hub Motel in the nearby community of Wells, B.C.

Geophysical work involved running 5.2 line km of magnetometer coverage on five lines across the head of the rich placer gold pay channel. The survey succeeded in defining a strong positive magnetic anomaly situated at the head of the rich placer gold pay streak.

Geochemical sampling involved taking a total of 22 stream sediment samples, 73 soil samples, and 12 rock chip samples over the property. Analytical results showed anomalous gold concentrations in many of the samples. The greatest gold concentrations were obtained from soil and rock chip samples taken over the Grouse Shear Zone and the magnetic anomaly east of Shy Robin Gulch.

Additional work is required.

**GEOCHEMICAL AND GEOPHYSICAL
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CARIBOO MINING DIVISION, B.C.**

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**GEOCHEMICAL AND GEOPHYSICAL
REPORT ON THE
GROUSE CREEK GOLD PROSPECT
CARIBOO MINING DIVISION, B.C.**

1.0 INTRODUCTION:

In July 1995, a reconnaissance exploration program was carried out over the Grouse Creek gold property in south central British Columbia. The primary purpose of the program was to identify target areas for future exploration on ten recently acquired two post mineral claims. The program involved carrying out prospecting, rock chip sampling, stream sediment sampling, soil sampling, and a magnetometer survey over the property.

The writer initially worked in the region of the property for Rio Algom Mines Ltd. in the early 1970's and since then has repeatedly been involved with regional and property work over the area. The present program was carried out from July 8 to July 18, by a two person crew working out of the Hub Motel in the nearby community of Wells, B.C.

1.1 LOCATION AND ACCESS:

The Grouse Creek Gold Property is located on the west side of the Cariboo Mountains in central British Columbia. The claims are located in mountainous terrain approximately 70 km east of Quesnel, B.C. and 5 km southeast of Barkerville, B.C. The centre of the property is defined by latitude 53°02'N and longitude 121°28'W.

Good access to the centre of the property is provided by the Grouse Creek placer mining road which intersects the Cunningham Pass Forest Service Road nine km by road from Barkerville.

1.2 PHYSIOGRAPHY, VEGETATION AND CLIMATE:

The property is located in a transition zone between the Interior Plateau to the west and the Cariboo Mountains to the east. The Interior Plateau is a rolling upland surface at an altitude of approximately 1,500 m with a regional dip of about 14 m per km to the southwest. Over the property the surface is moderately well dissected with a local relief of about 200 m. Immediately to the east over the Cariboo Mountains proper, local relief increases to over 1,800 m.

The tree line occurs at an elevation of approximately 1,900 m and therefore the entire property is covered with mature stands of fir. In the valleys and along wet slopes black spruce, aspen, dwarf birch, tag alder and willow are also encountered.

An extensive blanket of glacial ground moraine covers most of the property. Rock exposures account for less than 5% of the property and are confined to creek beds and the flanks and crests of hills.

The climate is typical of the central interior, with short, warm, summers and moderately long, cold, winters. Temperatures range from in excess of 25°C in August to minus 30°C in January. The average annual precipitation is 75 cm with most of this falling as snow in late fall, winter and early spring. The snow free period lasts from mid-May to mid-October.

1.3 PROPERTY INFORMATION:

The property is located in the Cariboo Mining Division and is comprised of 10 two post mineral claims. Pertinent claim information is given in Table 1 below.

TABLE 1			
LIST OF CLAIMS			
CLAIM NAMES	UNITS	RECORD NUMBERS	ANNIVERSARIES
G-1 to G-9	9	330261 - 330269	AUGUST 20
G-10	1	337731	JULY 9

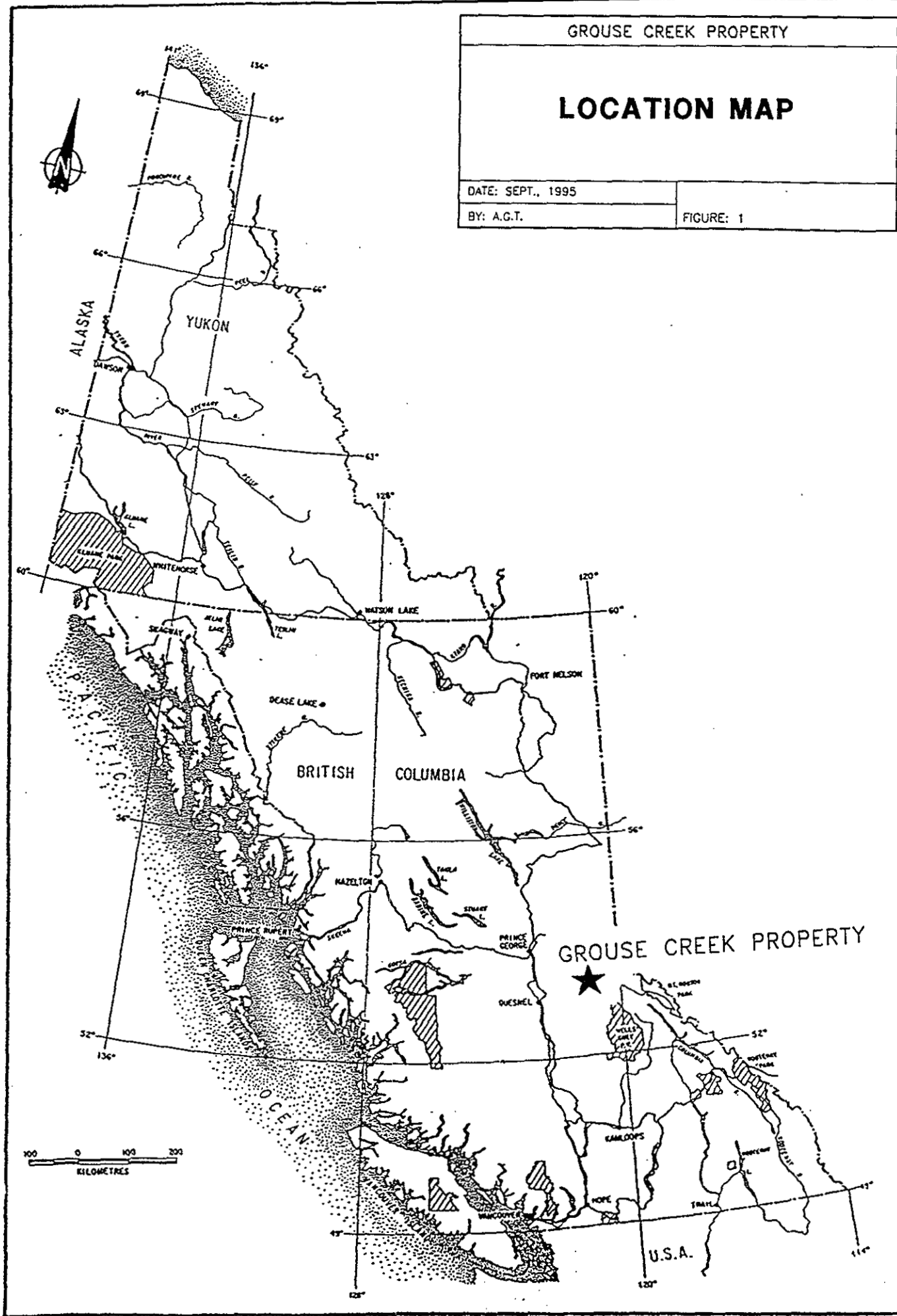
GROUSE CREEK PROPERTY

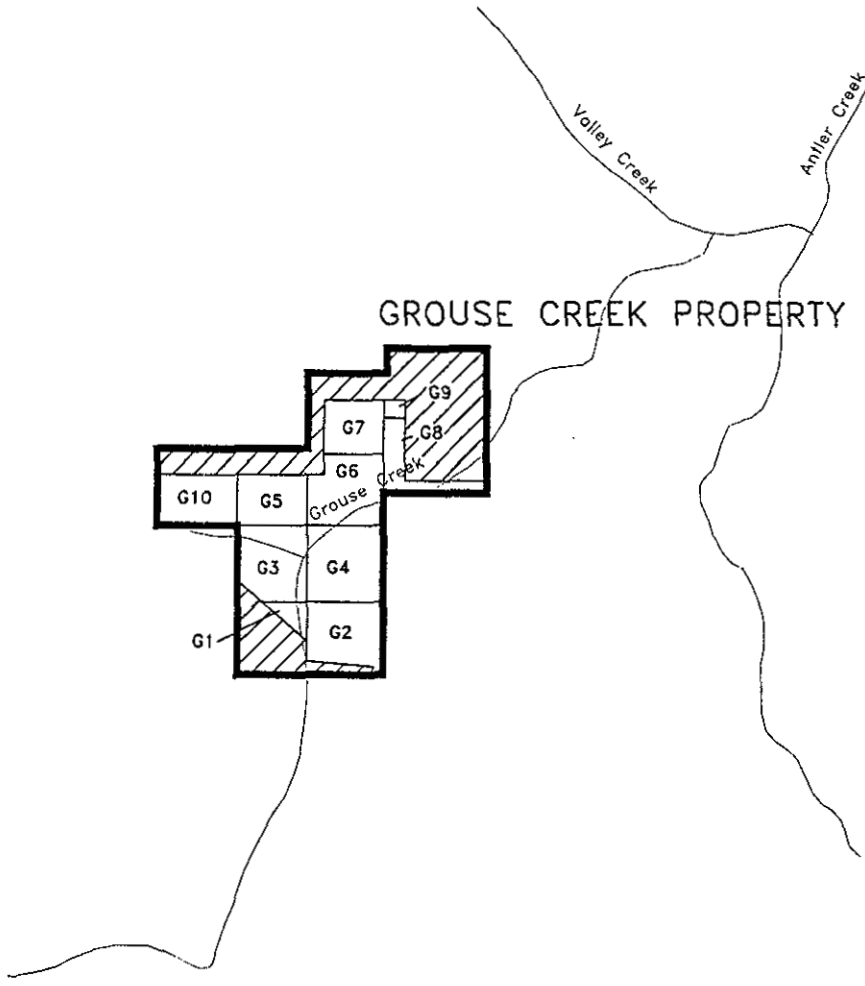
LOCATION MAP

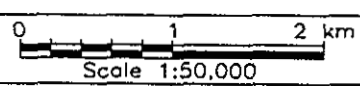
DATE: SEPT., 1995

BY: A.G.T.

FIGURE: 1





GROUSE CREEK PROPERTY	
CLAIM MAP	
	
DATE: SEPT., 1995	FIGURE: 3
BY: A.G.T.	

1.4 HISTORY:

Placer gold was initially discovered on Grouse Creek in 1861. The discovery claim was staked below the bend in the creek about 500 m downstream from the mouth of Shy Robin Gulch. In 1864 the discovery of the rich Heron Claim 1.0 km downstream from the discovery claim made this creek one of the most famous creeks in the Barkerville gold camp.

A rush developed and by 1867 more than 35 companies were mining on Grouse Creek. It is estimated that the Heron claim alone produced more than one million dollars worth of gold when gold was \$16.00/oz.

The rich paystreak was mined out prior to the first government records in 1874. There are thus no accurate records of the total gold production from this creek. The government records state that the rich placer gold pay streak was 2.0 km long, extending upstream from the Heron Claim to just above the mouth of Shy Robin Gulch.

In 1876 in an effort to stabilize the economy of the area a four ton stamp mill was erected at Richfield. The mill treated ore from the Bonanza Ledge at the head of Lowhee Creek, Blackjack Canyon on Williams Creek, and from Six-Mile Creek a tributary of Swift River. The provincial government financially assisted these early efforts to develop the numerous quartz veins of the area, and in 1885 the Geological Survey of Canada undertook the first systematic geological investigations of the camp.

The first lode mine of significance was the Cariboo Gold Quartz mine located near Wells, 8 km northwest of the Grouse Creek Property. Production from quartz-pyrite veins commenced in 1933 and continued until the mine closed in 1967. In 1934 the Island Mountain Mine located 1 km west of Wells was developed and produced gold until 1954 from quartz-pyrite veins and stratiform massive pyrite lenses. In 1980 the Mosquito Creek Mine located immediately north of the Island Mountain deposit was developed and produced gold from stratiform massive pyrite lenses until 1987. Combined production from the three producers totaled 1,232,063 ounces of gold and 149,520 ounces of silver.

The first report of lode gold exploration on Grouse Creek was the staking of the Independence and Hard Cash claims near the head of Grouse Creek in 1916 by E.E. Armstrong. A small rush developed that led to the staking of more than 30 Crown Grants that have been worked and held until the present time. Several small showings have been found but the source of the rich placer deposits along Grouse Creek has remained undiscovered.

1.5 WORK DONE IN 1995:

The following field work was completed during the period from July 8 through July 18, 1995:

- (a) Prospecting and rock chip sampling was carried out over the entire property.
- (b) Reconnaissance stream sediment sampling was carried out over the entire property.
- (c) Reconnaissance soil sampling was carried out along three lines on the property.
- (d) Five line km of magnetometer coverage were run over the head of the placer pay streak on the claims.
- (e) The initial post for the adjacent Keynote 1 & 2 claims was located and tied in to the property border.

2.0 GEOLOGY:

The Grouse Creek property is located within the Barkerville Terrane of the Omineca belt. The Barkerville Terrane is bounded on the east by the Pleasant Valley Thrust across which it adjoins the Hadrynian to Lower Paleozoic Cariboo Terrane rocks. To the west it is in thrust contact with Triassic Quesnellia Terrane rocks. The Barkerville Terrane is underlain by an unknown basement and overlain by the tectonically emplaced Slide Mountain Terrane.

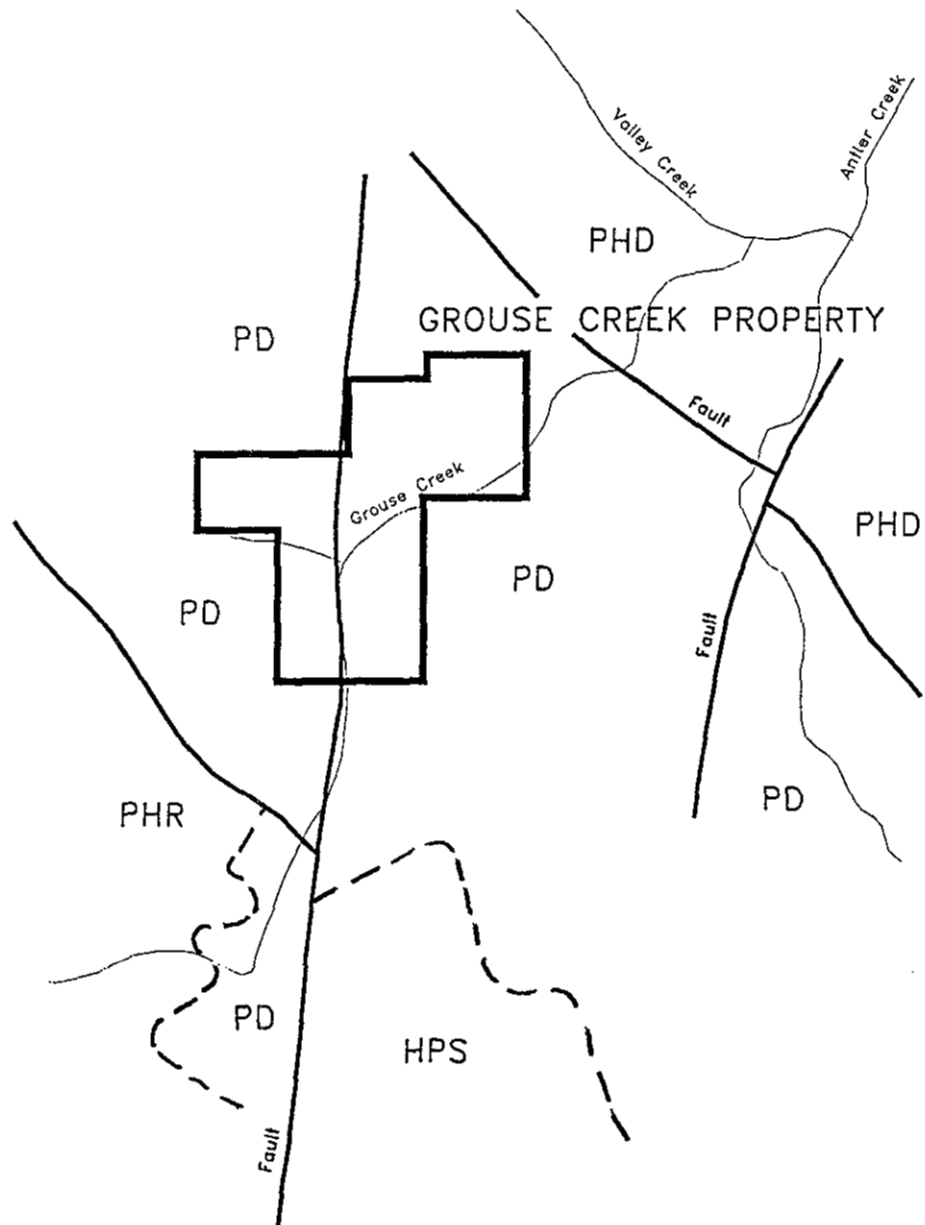
The strata of the Barkerville Terrane have been divided into one formal and several informal units. The Snowshoe Group is the formal unit and is made up of 14 subdivisions (Struik, 1988).

The Grouse Creek property is entirely underlain by a single member of these sub-units, the Downey succession. The Downey succession is here comprised of olive and grey micaceous quartzites, phyllite, marble, limestone, calcareous quartzite and tuff. The unit is characterized by its abundant marble and tuff. The quartzite commonly is brown weathering because of abundant porphyroblasts of ankerite and siderite.

The rocks have all been subjected to low-grade regional metamorphism and intense deformation but they still commonly show bedding and other sedimentary features. Deformation has impressed a marked secondary foliation on almost all clastic rocks and some carbonate rocks. Most rocks have a marked dimensional orientation involving mica, quartz, feldspar, and even carbonate minerals.

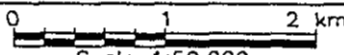
2.2 ECONOMIC GEOLOGY:

Previous exploration has located several small gold showings in the vicinity of the Grouse Creek property. Mineralization is comprised of free gold associated with two sets of quartz veins, referred to in the literature as the "A veins" and the "B veins" (Johnson & Uglow, 1926). The A veins are large northwest striking bodies of milky white quartz that tend to follow the foliation of the host rocks. They are sparsely mineralized with pyrite and seldom carry significant gold values. The B veins strike northeasterly and crosscut the earlier A veins. They are generally narrow, from a centimetre or less up to 1.5 metres in width. They usually carry significant concentrations of pyrite, arsenopyrite, galena and siderite and locally may be mineralized with pyrrhotite, sphalerite and scheelite. Often the best gold grades occur at the junction between the two sets of veins. The showings reported in the vicinity of Grouse Creek are described briefly below.



Legend:

- PHM Hardscrabble Mountain succession: black siltite and phyllite, grey micaceous quartzite, limestone, minor metatuff?; greywacke, muddy conglomerate.
- PD Downey succession: olive and grey micaceous quartzite and phyllite
- PHR Harveys Ridge succession: dark grey and grey micaceous quartzite, and interbedded dark grey phyllite.
- HPS Snowshoe Group undifferentiated

GROUSE CREEK PROPERTY	
REGIONAL GEOLOGY	
 Scale 1:50,000	
DATE: SEPT., 1995	FIGURE: 2
BY: A.G.T.	

HARD CASH ADIT (Minfile 93H052)

The Hard Cash Adit is located on the west side of Grouse Creek one km south of Shy Robin Gulch. The Hard Cash claim was located by E. Armstrong in 1916 and was considered one of the more important claims in the camp. The claim was explored by prospecting, trenching and drilling until 1946. In 1939 a 300 m adit was driven west from Grouse creek (Sutherland Brown, 1957). The face of this adit stopped approximately 100 m east of the portal of the Newberry adit on the adjacent Independence claim. The adit passed through grey micaceous quartzites and phyllite and one 25 m wide bleached and silicified alteration zone. The only gold bearing quartz veins encountered were two small B veins near the face and an irregular cluster of small veins near the portal. The latter were weakly mineralized with pyrite and galena. The best reported assay was 2.74 g/T gold across 1.2 m of barren looking quartz.

LORD DUFFERIN ADITS (Memoir 149)

The Lord Dufferin Workings are located along Grouse Creek 750 m south of the Hard Cash Adit. Here a two metre wide vein of white quartz carrying minor amounts of disseminated pyrite strikes northwest across the creek. On the west side of the creek an adit was driven along the vein for 10 m to where it was cut off by a fault. On the east side of the creek the vein was followed with an adit for 55 m. Near the face the vein became very narrow and split up into stringers. A 1926 government report states that a 10 ton sample of the quartz carried \$7 - \$8 per ton in gold.

INDEPENDENCE SHOWING (Minfile 93H051)

The Independence workings are located 400 m west of the Hard Cash Adit on the north slope of Mt. Proserpine. The Independence claim was located in 1916 and since then has been extensively explored by drilling, trenching and 400 m of underground drifting in two adits, the Bell and Newberry adits. Numerous small occurrences of A and B quartz veins have been reported over an area measuring 250 m by 400 m. The best reported assay was 14.88 g/T gold across 81 cm intersected by drilling in 1984.

WARSPIT ADIT (Minfile 93H048)

The Warspit Showing is situated 1.2 km southwest of the mouth of Shy Robin Gulch on the north shoulder of Mt. Proserpine. The Warspit claim was staked in 1917 over two northwest striking A quartz veins up to 3.8 metres in width. The A veins are intersected by several narrow northeast striking B veins up to 0.9 metres in width. The

veins contain variable amounts of pyrite, arsenopyrite, galena and sphalerite. They have been explored with more than 400 metres of underground workings, several thousand metres of trenching, and numerous pits, shafts and diamond drill holes. An adjacent, 9.0 metre thick bed of white, silicified and pyritized quartzite has been traced by underground drifting and surface drilling for 120 metres.

A selected sample taken from the junction of an A and B vein in 1926 assayed 22.8 g/T gold. A selected sample of the altered quartzite intersected in a drill hole assayed 3.4 g/T gold.

TIPPERARY SHOWING (Minfile 93H051)

The Tipperary Showing is located 500 m south of the Warspit Adit on the north side of Mt. Proserpine. A northwest striking quartz vein up to 1.2 m wide cuts argillite and quartzite. The vein carries small amounts of disseminated pyrite, arsenopyrite and galena. Minor gold values and silver values up to 377 g/T have been reported.

3.0 GEOCHEMISTRY:

In July 1995 an orientation geochemical sampling program was carried out over the Grouse Creek Property. This program resulted in the collection of 22 stream sediment samples and 73 soil samples. Sample locations are shown on Figure 4.

3.1 GEOCHEMICAL PROCEDURES:

Stream sediment samples were taken along 18 first order streams draining the Grouse Creek property. In the field, active stream sediment was placed in craft paper envelopes and air dried. The samples were sent to Chemex Labs Ltd. in Vancouver for analysis. In the laboratory the samples were dried at 80°C then sieved to minus 35 mesh and the coarse fraction discarded. The fine fraction was pulverized to minus 150 mesh and analysed for gold by atomic absorption after fire assay preconcentration. Analyses for an additional 32 elements were obtained by routine ICP methods.

Soil samples were taken from the B or C soil horizon, at 50 metre intervals, along three reconnaissance lines run over the property. The samples were sent to Chemex Labs Ltd. in Vancouver. In the laboratory the samples were screened to minus 35 mesh, and ring pulverized prior to analysis. Analyses for gold and 32 additional elements were obtained in similar fashion to the stream sediment samples.

Gold, arsenic and lead analytical results for soil, stream sediment, and rock chip samples are shown on Figure 4 at a scale of 1:5,000.

3.2 GEOCHEMICAL RESULTS:

Soil sample results show highly significant gold concentrations to exist along the 9+00W, 10+00W and 22+00N soil lines.

Along the 9+00W soil line very anomalous gold concentrations occur between 19+00N and 20+50N. The highest gold value, of 2,310 ppb, occur over the magnetic anomaly at 19+00N and the adjacent anomalous samples are located down slope and down drainage from this geophysical feature.

Along the 10+00W soil line consistently anomalous gold values occur between 11+00N and 18+00N with only two widely separated anomalous values along the rest of the line. The highest gold concentrations, up to 6,400 ppb, occurs at 13+50N and coincides with the highest arsenic value of 9,910 ppm. The results show elevated arsenic values up to 9,910 ppm and elevated lead values up to 320 ppm to accompany the anomalous gold values in this area. The anomalous samples occur over an area of

shallow overburden on the west side of Grouse Creek. The soil line here follows the trace of the Grouse Creek Fault as mapped by Struik, 1988.

Along the 22+00N soil line anomalous gold concentrations occur scattered along the entire length of the line. The highest gold value, of 560 ppb, occurs where the line crosses Grouse Creek and therefore may be reflecting placer gold.

The stream sediment results show weakly anomalous gold concentrations in many small streams draining this property. With the exception of one sample at the head of Canadian Creek, near the north end of the property, all of the anomalous values are from small tributaries to Grouse Creek in the vicinity of the above described soil anomalies. The highest gold values up to 120 ppb were obtained from several small streams draining an active placer mining operation near the south end of the property.

4.0 PROSPECTING & ROCK CHIP SAMPLING PROGRAM:

In the course of prospecting the property 12 rock chip samples were taken from showings, quartz veins and angular blocks of mineralized float. Wherever possible the samples were taken perpendicular to the strike of the mineralized zones. Samples were taken by hand using hammers and chisels. On exposed faces weathered rock was removed in an attempt to minimize the affect of surface leaching.

The samples were sent to Chemex Laboratories Ltd. in North Vancouver, B.C. where they were assayed for gold by standard fire assay methods. Analyses for an additional 32 elements were obtained by conventional ICP methods.

4.1 ROCK SAMPLE RESULTS:

Rock sample descriptions and gold assays are given in Table 2 and sample locations and analytical results for gold, arsenic and lead are shown on Figure 4. The results show detectible gold concentrations in 5 of the 12 samples.

The highest gold concentration of 525 ppb was obtained from a carbonate alteration zone associated with the magnetic anomaly near Shy Robin Gulch. The second highest value of 410 ppb was obtained from a weak stockwork of quartz-pyrite veinlets emplaced along the Grouse Creek shear zone near the south end of the property.

ICP results show elevated silver, lead, zinc and arsenic concentrations to accompany the anomalous gold values.

TABLE 2
ROCK SAMPLE DESCRIPTIONS AND GOLD ASSAYS

<u>SAMPLE NO.</u>	<u>GOLD (ppb)</u>	<u>DESCRIPTION</u>
RG-1	0.	Chip sample across stockwork of quartz-carbonate veinlets cutting chlorite schist. Approximate location is 27+80N, 10+00W.
RG-2	0.	Carbonatized boulder in bed of Grouse Creek. Possible bedrock. Approximate location is 26+00N, 10+50W.
RG-3	0.	10 cm wide quartz-carbonate vein. Vein cuts chlorite schist and strikes 125°/80°N.
RG-4	90.	Angular quartz-carbonate boulder with disseminated galena. Approximate location is 22+00N, 4+50W.
RG-5	15.	Angular quartz-carbonate boulder at 5+50W, 20+50N.
RG-6	525.	Carbonatized outcrop cut by 5.0 cm quartz vein. Creek bed exposure at 8+25W, 20+50N. Vein strikes 020°/85°W.
RG-7	0.	Angular quartz-carbonate boulder at 18+00N, 8+50W.
RG-8	410.	Quartz-carbonate veinlets up to 3.0 cm wide cut quartzite. Veinlets strike 030°/90°. Location 10+00W, 15+60N.
RG-9	0.	Quartz-carbonate veinlets up to 2.0 mm wide cut quartzite. Veinlets strike 010°/80°E. Location 10+00W, 15+30N.
RG-10	5.	Carbonatized Boulder cut by Quartz veinlets. Approximate location 9+00W, 14+75N.

TABLE 2 (cont'd)

SAMPLE NO.	GOLD (ppb)	DESCRIPTION
RG-11	0.	Quartz-carbonate veinlets up to 3.0 cm wide cut chlorite schist. Veinlets strikes 045°/90°. Location 10+00W, 12+50N.
RG-12	0.	15 cm wide quartz-carbonate vein exposed in placer workings at 10+00W, 10+70N. Vein strikes 140°/50°N.

5.0 GEOPHYSICS:

In order to determine if geophysical methods could be used to locate gold mineralization on the property, five lines of magnetometer coverage were run over the head of the rich placer gold pay streak on Grouse Creek. Line locations are shown on Figure 5.

The magnetometer survey was carried out using an MP2 proton precision magnetometer manufactured by Scintrex of Toronto, Ont. This instrument measures variations in the earth's magnetic field to an accuracy of plus or minus 1 gamma. Corrections for diurnal variations were made by taking readings at a central base station at one hour intervals.

5.1 MAGNETOMETER RESULTS:

Magnetometer results are shown on Figure 5 at a scale of 1:5,000. The results show a strong, positive, 300 gamma, magnetic anomaly located immediately east of Grouse Creek opposite the mouth of Shy Robin Gulch. The anomaly was traced for 500 m to the east border of the property. The magnetic body has been folded by metamorphism but has a general northwest strike conformable to bedding and appears to dip to the southwest. In the crest of the fold at 17+00N, 7+50W the body appears to thicken and could be up to 50 metres wide.

Intense placer mining activity has taken place along the north, south and west margins of this anomaly suggesting that the feature may in some way be associated with the source of the placer gold.

6.0 DISCUSSIONS AND CONCLUSIONS:

The results of work completed to date over the Grouse Creek Property may be summarized as follows:

(a) The property is underlain by the same geologic units that host the former Cariboo Gold Quartz, Island Mountain and Mosquito Creek gold mines just 8 km to the northwest.

(b) Although hampered by an extensive blanket of glacial till, previous exploration programs discovered five widely spaced showings in the vicinity of the property.

(c) Stream sediment sampling completed in 1995 shows detectible gold concentrations in 10 of the 21 streams sampled on the property. The highest gold values were obtained from streams draining an active placer operation near the south end of the property.

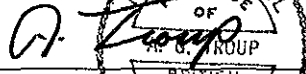
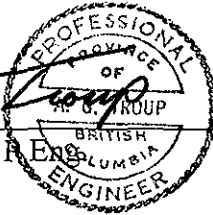
(d) A magnetometer survey carried out during the present program showed a strong, 300 gamma, anomaly at the head of the rich placer gold pay streak along Grouse Creek. The anomaly is situated on the east side of Grouse Creek opposite the mouth of Shy Robin Gulch.

(e) Reconnaissance soil sampling completed in 1995 revealed detectible gold concentrations in more than half of the samples taken over the property. The highest concentrations up to 6,400 ppb gold were obtained along the Grouse Shear Zone near the south end of the property. Elevated lead and arsenic values accompanied the anomalous gold values in this area. The second strongest gold anomaly up to 2,310 ppb Au occurs down slope from the magnetic anomaly near Shy Robin Gulch.

(f) Anomalous gold concentrations were obtained from four widely separated rock samples taken over the property. The highest concentration of 525 ppb was obtained from a carbonate alteration zone associated with the magnetic anomaly east of Shy Robin Gulch. The second highest value of 410 ppb was obtained from a weak stockwork of quartz-pyrite veinlets emplaced along the Grouse Creek shear zone near the south end of the property.

The above results have defined two targets, the Grouse Creek Shear Zone and the unexplained magnetic anomaly, that are possible source areas for the placer gold. Additional exploration should be carried out over these areas. This work should initially entail basal till sampling, trenching, and several additional lines of geophysical coverage.

Submitted at Vancouver, British Columbia,
this 16th day of October, 1995.


A.G. Troup,  Eng.

The seal is circular with a double-line border. The text inside the seal reads: "PROFESSIONAL ENGINEER OF BRITISH COLUMBIA". The name "A.G. TROUP" is written across the center of the seal in a cursive script.

7.0 REFERENCES:


- Hanson, G., 1935: Barkerville Gold Belt, Cariboo District, Central, B.C.: G.S.C., Memoir 181.
- Johnson, W.A. & Uglow, W.L., 1926; Placer and Vein Gold Deposits of Barkerville, Cariboo District, B.C.: Canada Department of Mines, Memoir 149.
- Minfile 1991; Minfile Numbers 93H006, 93H010, 93H019, 93H048, 93H049, 93H050, 93H051, 93H052: B.C. Ministry of Energy, Mines and Petroleum Resources, Mineral Resources Division, Minfile Master Report 1991.
- Skerl, A.C., 1948; Geology of the Cariboo Gold Quartz Mine, Wells, B.C.: Economic Geology, Vol.XLIII, p.571-597.
- Struik, L.C., 1988: Structural Geology of the Cariboo Gold Mining District, East-Central, B.C.: G.S.C. Memoir 421.
- Sutherland Brown, A., 1957: Geology of the Antler Creek Area, Cariboo District, B.C.: BCDM Bulletin No.38.
- Tipper, H.W., et. al., 1979; Parsnip River, British Columbia, Sheet 93: G.S.C. Map 1424A.

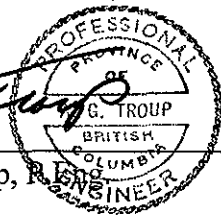
8.0 STATEMENT OF QUALIFICATIONS:

I, Arthur G. Troup, do hereby certify that:

- 1) I am a consulting geologist with Archean Engineering Ltd. of 3605 Creery Avenue, West Vancouver, B.C.
- 2) I am a graduate of McMaster University in Hamilton, Ontario with an M.Sc. in Geology.
- 3) I am a registered member of the Association of Professional Engineers of the Province of British Columbia.
- 4) I have practiced my profession in Canada and abroad since 1964.
- 5) I have based this report on work done by myself or under my supervision. I was physically on the property for the purpose of carrying out the program from July 8th to July 16th, 1995. Data obtained from the Geological Survey of Canada, B.C. Dept. of Mines, and assessment reports were also used as background and reference data.

Dated at Vancouver, British Columbia,
this 16th day of October, 1995.


Arthur G. Troup, P. ENG. ENGINEER

A circular seal for the Professional Engineers of the Province of British Columbia. The outer ring contains the text "PROFESSIONAL ENGINEERS OF THE PROVINCE OF BRITISH COLUMBIA". The inner circle contains the name "G. TROUP" and the word "ENGINEER".

9.0 COST STATEMENT
GROUSE CREEK PROPERTY
 July 8, 1995 - July 18, 1995

GEOCHEMICAL SURVEY:

Salaries & Wages: 2pers, 8 mdays @ \$208.33	\$1,666.64
Benefits: @ 20%	333.32
Food & Accommodation 8 mdays @ \$36.78	294.24
Fuel:	87.55
Supplies & Sundry:	99.13

RENTALS:

Archean 4x4 Jimmy: 5 days @ \$58.50	234.00
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ASSAYS & ANALYSES: Chemex Labs.

73 Soil Samples: Au & 32 El. ICP @ \$21.93	1,600.89
22 Silt Samples: Au & 32 El. ICP @ \$21.93	488.25
12 Rock Samples: Au & 32 El. ICP @ \$23.38	200.56
1 Pan Concentrate: Au & 32 El. ICP @ \$21.93	21.93

Drafting: RWR Graphics - apportioned	160.50
Report Preparation: apportioned	<u>875.00</u>

TOTAL GEOCHEMICAL COSTS \$6,062.01

GEOPHYSICAL SURVEY:

Salaries & Wages: 2pers, 14 mdays @ \$208.33	\$2,916.62
Benefits: @ 20%	583.32
Food & Accommodation 14 mdays @ \$36.78	514.92
Fuel:	105.05
Supplies & Sundry:	49.56

RENTALS:

Archean 4x4 Jimmy: 6 days @ \$58.50	409.50
Walcott Magnetometer: 11 days @ \$32.10	353.10

Drafting: RWR Graphics - apportioned	160.50
Report Preparation: apportioned	<u>875.00</u>

TOTAL GEOPHYSICAL COSTS \$5,967.60

TOTAL COSTS \$12,029.61

APPENDIX



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

3605 CREERY AVE.
 WEST VANCOUVER, BC
 V7V 2M3

Project: GROUSE
 Comments: ATTN: A. TROUP

Page Number: 1-A
 Total Pages: 3
 Certificate Date: 30-JUL-95
 Invoice No.: I9522520
 P.O. Number:
 Account: MVJ

CERTIFICATE OF ANALYSIS A9522520

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
SSG-01	203 205	< 5	0.2	1.00	22	40	< 0.5	2	0.51	< 0.5	20	38	63	3.76	< 10	< 1	0.10	40	0.35	765
SSG-02	203 205	15	0.2	1.61	< 2	100	< 0.5	< 2	0.17	0.5	6	41	29	2.20	< 10	< 1	0.07	30	0.21	70
SSG-03	203 205	< 5	0.2	1.05	26	120	< 0.5	< 2	1.14	< 0.5	17	61	39	3.61	< 10	< 1	0.10	20	0.63	560
SSG-04	203 205	10	0.4	0.74	18	90	< 0.5	< 2	1.04	< 0.5	9	75	30	2.35	< 10	< 1	0.11	20	0.18	1025
SSG-05	203 205	10	0.2	0.81	26	90	< 0.5	< 2	0.42	< 0.5	14	69	35	3.16	< 10	< 1	0.11	30	0.34	1210
SSG-06	203 205	< 5	0.2	0.89	18	140	< 0.5	< 2	0.41	< 0.5	14	89	30	3.04	< 10	< 1	0.09	20	0.39	1380
SSG-07	203 205	< 5	2.2	0.70	4	80	< 0.5	< 2	2.44	< 0.5	4	41	113	0.75	< 10	< 1	0.06	90	0.15	320
SSG-08	203 205	< 5	2.0	1.20	12	80	< 0.5	< 2	2.11	0.5	10	58	46	1.93	< 10	2	0.14	20	0.34	795
SSG-09	203 205	< 5	0.6	0.56	26	100	< 0.5	< 2	2.84	< 0.5	6	25	18	1.26	< 10	< 1	0.09	< 10	0.23	595
SSG-10	203 205	25	0.4	0.70	22	120	< 0.5	< 2	0.38	< 0.5	8	57	16	2.16	< 10	1	0.08	30	0.09	1200
SSG-11	203 205	< 5	0.4	0.45	14	80	< 0.5	< 2	1.23	< 0.5	8	57	33	1.96	< 10	1	0.13	10	0.19	1185
SSG-12	203 205	< 5	0.4	0.77	24	40	< 0.5	< 2	0.15	< 0.5	15	79	42	3.54	< 10	< 1	0.11	30	0.29	470
SSG-13	203 205	15	1.0	0.82	32	90	< 0.5	< 2	0.33	< 0.5	15	65	38	3.23	< 10	< 1	0.15	30	0.23	1025
SSG-14	203 205	< 5	< 0.2	0.54	18	50	< 0.5	< 2	0.17	< 0.5	11	79	34	3.03	< 10	< 1	0.10	20	0.12	565
SSG-15	203 205	10	0.2	0.66	22	70	< 0.5	4	0.39	< 0.5	20	59	47	3.40	< 10	< 1	0.13	30	0.19	1195
SSG-16	203 205	15	0.2	0.74	24	70	< 0.5	< 2	0.14	< 0.5	16	95	43	3.57	< 10	< 1	0.16	30	0.20	620
SSG-17	203 205	10	< 0.2	0.78	16	60	< 0.5	< 2	0.18	< 0.5	15	76	37	3.11	< 10	< 1	0.15	40	0.21	510
SSG-18	203 205	< 5	0.6	1.36	10	90	< 0.5	< 2	0.55	< 0.5	11	67	28	2.57	< 10	< 1	0.13	30	0.36	945
SSG-19	203 205	115	0.2	0.65	32	60	< 0.5	< 2	0.13	0.5	14	65	37	3.29	< 10	2	0.09	30	0.22	510
SSG-20	203 205	70	0.4	0.75	34	80	< 0.5	< 2	0.11	0.5	16	74	38	3.41	< 10	< 1	0.14	50	0.17	730
SSG-21A	203 205	20	0.6	0.81	40	90	< 0.5	2	0.12	0.5	16	96	39	3.64	< 10	< 1	0.17	40	0.20	705
SSG-21B	203 205	120	0.6	0.80	34	90	< 0.5	< 2	0.12	0.5	17	88	40	3.73	< 10	< 1	0.15	30	0.20	785
9W 10+50N	203 205	40	0.4	0.80	116	70	< 0.5	< 2	0.16	0.5	20	63	51	4.18	< 10	< 1	0.15	30	0.22	1045
9W 11+00N	203 205	< 5	0.6	1.95	8	90	< 0.5	< 2	0.13	< 0.5	20	56	60	4.56	< 10	1	0.21	50	0.48	1075
9W 11+50N	203 205	< 5	0.2	1.09	18	100	< 0.5	< 2	0.28	< 0.5	16	45	29	3.94	< 10	< 1	0.13	30	0.21	1135
9W 12+00N	203 205	< 5	0.2	0.86	4	80	< 0.5	< 2	0.08	< 0.5	5	61	11	2.10	< 10	< 1	0.12	30	0.06	115
9W 12+50N	203 205	< 5	0.2	1.17	14	70	< 0.5	< 2	0.09	< 0.5	17	26	47	3.62	< 10	< 1	0.15	60	0.23	610
9W 13+00N	203 205	< 5	0.2	0.81	32	80	< 0.5	< 2	0.12	< 0.5	25	61	62	5.16	< 10	< 1	0.17	30	0.16	1340
9W 13+50N	203 205	< 5	0.6	1.09	18	70	< 0.5	< 2	0.23	< 0.5	16	53	50	3.54	< 10	< 1	0.12	40	0.27	740
9W 14+00N	203 205	< 5	< 0.2	1.27	12	70	< 0.5	< 2	0.17	< 0.5	6	60	15	4.24	< 10	< 1	0.10	20	0.19	160
9W 14+50N	203 205	< 5	0.2	1.29	22	70	< 0.5	2	0.06	< 0.5	13	55	35	3.39	< 10	< 1	0.13	30	0.29	425
9W 15+00N	203 205	< 5	0.2	1.07	26	100	< 0.5	2	0.04	< 0.5	18	80	40	3.88	< 10	< 1	0.18	30	0.23	575
9W 15+50N	203 205	< 5	0.2	1.60	20	120	< 0.5	< 2	0.08	< 0.5	23	54	54	4.09	< 10	< 1	0.21	30	0.40	1020
9W 16+00N	203 205	30	0.2	1.20	50	120	< 0.5	< 2	0.03	< 0.5	17	60	53	3.84	< 10	< 1	0.18	50	0.23	565
9W 16+50N	203 205	10	1.8	1.15	30	100	< 0.5	< 2	0.18	0.5	16	56	38	3.50	< 10	1	0.15	40	0.29	820
9W 17+00N	203 205	< 5	< 0.2	0.77	24	70	< 0.5	< 2	0.09	< 0.5	14	68	36	3.23	< 10	< 1	0.13	30	0.24	505
9W 17+50N	203 205	< 5	0.2	0.66	24	60	< 0.5	< 2	0.13	< 0.5	15	64	35	3.25	< 10	< 1	0.12	30	0.20	545
9W 18+00N	203 205	< 5	0.2	1.04	30	80	< 0.5	< 2	0.23	< 0.5	17	75	38	3.49	< 10	< 1	0.18	40	0.35	600
9W 18+50N	203 205	20	0.2	0.64	56	70	< 0.5	< 2	0.97	< 0.5	19	68	48	4.62	< 10	< 1	0.14	40	0.21	405
9W 19+00N	203 205	2310	0.2	1.22	14	140	< 0.5	< 2	0.57	< 0.5	16	74	39	3.44	< 10	< 1	0.13	20	0.60	605

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 FAX: 604-984-0218

To: TROUP, ART

3605 CREERY AVE.
 WEST VANCOUVER, BC
 V7V 2M3

Project: GROUSE
 Comments: ATTN: A. TROUP

Page Number : 1-B
 Total Pages : 3
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 P.O. Number :
 Account : MVJ

CERTIFICATE OF ANALYSIS A9522520

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
SSG-01	203 205	< 1	0.01	35	790	22	4	3	37	< 0.01	< 10	< 10	14	< 10	98
SSG-02	203 205	< 1	< 0.01	18	420	52	2	2	12	< 0.01	< 10	< 10	14	< 10	28
SSG-03	203 205	< 1	0.01	38	550	34	2	3	51	0.05	< 10	< 10	29	< 10	84
SSG-04	203 205	1	0.01	31	880	36	2	1	65	< 0.01	< 10	< 10	11	< 10	60
SSG-05	203 205	1	0.01	29	500	38	2	2	23	0.02	< 10	< 10	19	< 10	72
SSG-06	203 205	< 1	0.01	31	490	28	< 2	3	20	0.06	< 10	< 10	30	< 10	66
SSG-07	203 205	< 1	0.01	17	1090	18	< 2	4	159	< 0.01	< 10	70	7	< 10	16
SSG-08	203 205	< 1	0.01	28	1330	46	2	2	99	< 0.01	< 10	10	12	< 10	60
SSG-09	203 205	< 1	0.01	9	1000	24	2	< 1	151	< 0.01	< 10	20	7	< 10	36
SSG-10	203 205	1	< 0.01	12	390	26	< 2	1	27	< 0.01	< 10	< 10	14	< 10	62
SSG-11	203 205	1	0.01	36	830	36	2	< 1	60	< 0.01	< 10	< 10	5	< 10	60
SSG-12	203 205	< 1	< 0.01	32	400	38	< 2	2	10	0.01	< 10	< 10	14	< 10	72
SSG-13	203 205	< 1	0.01	35	790	36	2	4	30	< 0.01	< 10	< 10	12	< 10	76
SSG-14	203 205	1	< 0.01	22	420	52	< 2	1	14	< 0.01	< 10	< 10	6	< 10	250
SSG-15	203 205	< 1	< 0.01	32	440	52	2	2	17	< 0.01	< 10	< 10	6	< 10	80
SSG-16	203 205	1	0.01	32	470	72	4	2	15	< 0.01	< 10	< 10	9	< 10	90
SSG-17	203 205	1	< 0.01	35	410	30	< 2	2	15	< 0.01	< 10	< 10	8	< 10	68
SSG-18	203 205	< 1	0.01	20	1030	22	2	2	32	0.01	< 10	< 10	20	< 10	72
SSG-19	203 205	1	< 0.01	32	380	48	2	2	9	0.02	< 10	< 10	14	< 10	72
SSG-20	203 205	< 1	0.01	29	560	118	2	2	13	< 0.01	< 10	< 10	12	< 10	90
SSG-21A	203 205	< 1	0.01	32	490	112	2	2	13	< 0.01	< 10	< 10	13	< 10	96
SSG-21B	203 205	1	0.01	34	470	112	2	2	12	< 0.01	< 10	< 10	12	< 10	118
9W 10+50N	203 205	1	0.01	31	620	196	4	3	16	< 0.01	< 10	< 10	14	< 10	102
9W 11+00N	203 205	< 1	< 0.01	33	930	48	2	3	13	< 0.01	< 10	< 10	15	< 10	100
9W 11+50N	203 205	< 1	0.01	26	800	30	2	2	21	0.01	< 10	< 10	20	< 10	88
9W 12+00N	203 205	< 1	0.01	8	400	18	< 2	1	13	< 0.01	< 10	< 10	13	< 10	38
9W 12+50N	203 205	< 1	< 0.01	29	460	26	4	3	11	< 0.01	< 10	< 10	7	< 10	90
9W 13+00N	203 205	< 1	0.01	32	580	40	2	4	16	< 0.01	< 10	< 10	24	< 10	98
9W 13+50N	203 205	< 1	< 0.01	29	700	46	2	3	18	< 0.01	< 10	< 10	14	< 10	90
9W 14+00N	203 205	1	< 0.01	13	430	32	2	1	17	0.03	< 10	< 10	26	< 10	46
9W 14+50N	203 205	1	0.01	26	420	38	2	2	7	0.01	< 10	< 10	20	< 10	76
9W 15+00N	203 205	1	0.01	33	480	50	2	2	9	< 0.01	< 10	< 10	15	< 10	90
9W 15+50N	203 205	< 1	0.01	38	470	32	2	2	10	0.01	< 10	< 10	20	< 10	94
9W 16+00N	203 205	< 1	0.01	36	300	58	< 2	3	9	< 0.01	< 10	< 10	15	< 10	108
9W 16+50N	203 205	< 1	0.01	32	510	156	< 2	3	17	0.01	< 10	< 10	19	< 10	112
9W 17+00N	203 205	1	0.01	29	400	36	4	2	9	0.01	< 10	< 10	12	< 10	78
9W 17+50N	203 205	< 1	< 0.01	27	410	46	< 2	2	16	< 0.01	< 10	< 10	10	< 10	76
9W 18+00N	203 205	< 1	0.01	37	460	30	4	2	19	< 0.01	< 10	< 10	15	< 10	62
9W 18+50N	203 205	< 1	0.01	43	420	30	4	2	56	< 0.01	< 10	< 10	9	< 10	92
9W 19+00N	203 205	< 1	0.01	35	550	22	2	4	25	0.05	< 10	< 10	35	< 10	74

CERTIFICATION:

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
9W 19+50N	203 205	10	0.4	0.92	26	120	< 0.5	< 2	0.41	< 0.5	14	71	37	3.40	< 10	< 1	0.10	20	0.41	580
9W 20+00N	203 205	100	0.4	1.06	12	130	< 0.5	< 2	0.73	< 0.5	16	62	38	3.59	< 10	< 1	0.10	20	0.57	715
9W 20+50N	203 205	5	< 0.2	1.28	18	160	< 0.5	< 2	0.37	< 0.5	18	72	41	3.91	10	< 1	0.13	30	0.54	800
9W 20+50NA	203 205	230	0.2	0.92	36	110	< 0.5	< 2	0.30	< 0.5	16	61	52	3.74	< 10	< 1	0.12	30	0.39	655
9W 21+00N	203 205	15	< 0.2	1.96	22	260	< 0.5	< 2	0.39	< 0.5	21	71	61	4.43	10	< 1	0.22	30	0.64	890
10W 10+70N	203 205	< 5	0.2	0.26	40	60	< 0.5	< 2	0.04	< 0.5	23	44	42	3.96	10	< 1	0.14	50	0.06	785
10W 11+00N	203 205	15	1.4	0.82	68	80	< 0.5	4	0.06	< 0.5	15	52	41	3.91	< 10	< 1	0.14	30	0.21	665
10W 11+50N	203 205	555	0.6	0.72	36	70	< 0.5	< 2	0.07	< 0.5	13	58	33	3.64	10	< 1	0.11	30	0.16	700
10W 12+00N	203 205	20	0.6	0.86	42	90	< 0.5	< 2	0.16	< 0.5	16	77	42	4.21	10	< 1	0.14	40	0.21	900
10W 12+50N	203 205	25	0.4	0.77	118	80	< 0.5	< 2	0.12	< 0.5	22	57	56	5.68	10	< 1	0.11	40	0.15	1285
10W 13+00N	203 205	45	1.2	0.71	366	100	< 0.5	< 2	0.17	< 0.5	23	58	48	4.27	10	< 1	0.13	40	0.20	1345
10W 13+50N	203 205	6400	3.2	0.66	9910	400	< 0.5	6	0.23	2.5	29	46	43	10.35	< 10	< 1	0.07	10	0.17	850
10W 14+00N	203 205	145	1.4	0.58	260	80	< 0.5	< 2	0.20	< 0.5	30	48	47	4.17	< 10	< 1	0.11	30	0.14	765
10W 14+50N	203 205	20	1.2	0.45	66	70	< 0.5	< 2	0.16	< 0.5	36	48	101	6.06	< 10	< 1	0.11	30	0.10	675
10W 15+00N	203 205	10	0.2	0.63	42	40	< 0.5	< 2	0.08	< 0.5	15	64	42	3.83	< 10	< 1	0.10	30	0.18	595
10W 15+25N	203 205	120	0.4	0.53	60	80	< 0.5	< 2	0.16	< 0.5	37	54	48	5.05	< 10	< 1	0.16	40	0.16	1980
10W 15+50N	203 205	15	0.2	0.75	40	80	< 0.5	< 2	0.14	< 0.5	22	98	54	4.21	10	< 1	0.17	40	0.19	595
10W 16+00N	203 205	5	0.4	1.18	28	90	< 0.5	< 2	0.21	< 0.5	17	73	55	3.80	10	< 1	0.15	40	0.32	880
10W 16+50N	203 205	10	0.4	0.88	32	70	< 0.5	< 2	0.07	< 0.5	18	63	59	4.38	< 10	< 1	0.11	30	0.14	1155
10W 17+00N	203 205	20	< 0.2	0.63	8	60	< 0.5	< 2	0.04	< 0.5	13	94	38	3.43	< 10	< 1	0.14	30	0.19	480
10W 17+25N	203 205	5	0.2	0.75	34	70	< 0.5	< 2	0.07	< 0.5	18	99	58	4.19	< 10	< 1	0.16	40	0.23	600
10W 17+50N	203 205	10	0.8	0.91	12	60	< 0.5	< 2	0.18	< 0.5	33	51	94	5.35	10	< 1	0.19	90	0.06	440
10W 18+00N	203 205	25	0.2	0.63	52	50	< 0.5	< 2	0.12	< 0.5	27	73	59	4.91	< 10	< 1	0.12	30	0.10	1015
10W 18+50N	203 205	< 5	0.2	0.59	20	60	< 0.5	< 2	0.15	< 0.5	15	83	37	3.42	< 10	< 1	0.11	20	0.20	695
10W 19+00N	203 205	< 5	< 0.2	0.63	20	70	< 0.5	< 2	0.15	< 0.5	16	96	42	3.73	< 10	< 1	0.11	20	0.21	620
10W 19+50N	203 205	< 5	0.2	0.43	12	60	< 0.5	< 2	0.26	< 0.5	16	64	37	3.20	< 10	< 1	0.11	30	0.10	790
10W 20+00N	203 205	40	< 0.2	1.02	46	50	< 0.5	< 2	0.04	< 0.5	13	75	37	4.68	< 10	< 1	0.10	20	0.17	240
10W 20+50N	203 205	< 5	1.2	1.25	14	90	< 0.5	< 2	0.48	< 0.5	13	75	34	3.76	< 10	< 1	0.13	20	0.23	1355
10W 21+00N	203 205	< 5	0.6	1.20	18	80	< 0.5	< 2	0.58	< 0.5	8	90	19	3.83	10	< 1	0.10	20	0.15	280
10W 21+50N	203 205	< 5	0.2	0.91	16	40	< 0.5	< 2	0.02	< 0.5	7	86	23	4.54	10	< 1	0.10	30	0.10	155
10W 22+00N	203 205	< 5	< 0.2	0.67	8	40	< 0.5	< 2	0.02	< 0.5	9	123	30	4.40	10	< 1	0.12	20	0.10	810
10W 22+50N	203 205	< 5	0.4	1.18	20	70	< 0.5	< 2	0.10	< 0.5	11	85	29	5.23	10	< 1	0.12	20	0.15	390
10W 23+00N	203 205	< 5	0.2	1.00	16	60	< 0.5	< 2	0.08	< 0.5	5	89	23	3.34	10	< 1	0.10	20	0.11	225
10W 23+50N	203 205	215	0.2	1.17	20	30	< 0.5	< 2	0.02	< 0.5	8	62	37	7.84	10	< 1	0.10	20	0.14	185
10W 24+00N	203 205	< 5	< 0.2	3.44	6	90	< 0.5	< 2	0.04	< 0.5	26	81	78	6.49	< 10	< 1	0.08	10	0.95	310
10W 24+50N	203 205	< 5	< 0.2	2.22	4	60	< 0.5	< 2	0.04	< 0.5	12	41	43	5.43	10	< 1	0.08	20	0.54	235
10W 25+00N	203 205	< 5	0.2	2.30	14	80	< 0.5	< 2	0.03	< 0.5	17	48	60	6.85	10	< 1	0.09	20	0.62	725
10W 25+50N	203 205	< 5	< 0.2	3.48	2	140	< 0.5	< 2	0.56	< 0.5	30	50	218	8.06	10	< 1	0.08	40	1.49	1875
10W 26+00N	203 205	< 5	0.2	2.99	24	80	< 0.5	< 2	0.56	< 0.5	37	45	151	6.81	10	2	0.09	30	0.96	1805
10W 26+50N	203 205	< 5	< 0.2	2.45	16	80	< 0.5	< 2	0.10	< 0.5	19	37	71	6.39	10	< 1	0.08	10	0.72	525

CERTIFICATION:

Hartl Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

3605 CREEZY AVE.
WEST VANCOUVER, BC
V7V 2M3

Project : GROUSE
Comments: ATTN: A. TROUP

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Invoice No. : I9522520
P.O. Number :
Account : MVJ

CERTIFICATE OF ANALYSIS

A9522520

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
9W 19+50N	203 205	1	0.01	32	540	32	2	3	17	0.06	< 10	< 10	33	< 10	70
9W 20+00N	203 205	< 1	0.01	42	570	28	2	3	30	0.04	< 10	< 10	32	< 10	78
9W 20+50N	203 205	< 1	0.01	44	600	26	4	5	24	0.05	< 10	< 10	38	< 10	86
9W 20+50NA	203 205	1	0.01	37	520	44	2	3	16	0.02	< 10	< 10	22	< 10	84
9W 21+00N	203 205	< 1	0.01	58	570	38	2	7	26	0.03	< 10	< 10	35	< 10	110
10W 10+70N	203 205	< 1	< 0.01	43	290	40	2	2	8	< 0.01	< 10	< 10	3	< 10	116
10W 11+00N	203 205	1	0.01	38	430	320	2	2	9	< 0.01	< 10	< 10	10	< 10	124
10W 11+50N	203 205	1	< 0.01	28	670	102	2	1	9	< 0.01	< 10	< 10	13	< 10	86
10W 12+00N	203 205	1	< 0.01	38	600	120	2	2	18	< 0.01	< 10	< 10	13	< 10	116
10W 12+50N	203 205	1	< 0.01	59	670	174	4	2	13	< 0.01	< 10	< 10	10	< 10	120
10W 13+00N	203 205	1	0.01	47	570	274	2	3	15	0.01	< 10	< 10	14	< 10	118
10W 13+50N	203 205	< 1	< 0.01	37	470	146	8	4	21	0.01	< 10	< 10	15	< 10	64
10W 14+00N	203 205	< 1	< 0.01	50	610	52	4	6	16	< 0.01	< 10	< 10	8	< 10	64
10W 14+50N	203 205	2	0.01	97	620	74	4	4	16	< 0.01	< 10	< 10	6	< 10	106
10W 15+00N	203 205	1	< 0.01	34	490	52	2	1	9	< 0.01	< 10	< 10	9	< 10	84
10W 15+25N	203 205	1	0.01	47	380	40	4	4	19	< 0.01	< 10	< 10	6	< 10	122
10W 15+50N	203 205	1	0.01	44	490	58	2	2	15	< 0.01	< 10	< 10	11	< 10	106
10W 16+00N	203 205	1	< 0.01	33	580	88	2	2	19	< 0.01	< 10	< 10	13	< 10	90
10W 16+50N	203 205	1	0.01	27	900	50	2	2	10	< 0.01	< 10	< 10	11	< 10	104
10W 17+00N	203 205	1	0.01	32	400	34	2	2	9	< 0.01	< 10	< 10	9	< 10	82
10W 17+25N	203 205	1	0.01	38	490	82	2	2	11	< 0.01	< 10	< 10	11	< 10	100
10W 17+50N	203 205	1	< 0.01	76	1250	20	4	3	21	< 0.01	< 10	< 10	5	< 10	126
10W 18+00N	203 205	1	0.01	39	720	34	4	2	13	< 0.01	< 10	< 10	6	< 10	130
10W 18+50N	203 205	1	< 0.01	33	420	44	2	1	13	< 0.01	< 10	< 10	9	< 10	82
10W 19+00N	203 205	1	< 0.01	33	460	52	4	2	14	< 0.01	< 10	< 10	11	< 10	88
10W 19+50N	203 205	1	0.01	35	480	18	< 2	2	20	< 0.01	< 10	< 10	5	< 10	44
10W 20+00N	203 205	2	< 0.01	30	280	56	4	1	6	< 0.01	< 10	< 10	10	< 10	78
10W 20+50N	203 205	1	0.01	27	400	44	2	3	35	< 0.01	< 10	< 10	16	< 10	82
10W 21+00N	203 205	1	0.01	16	480	28	4	1	36	< 0.01	< 10	< 10	21	< 10	58
10W 21+50N	203 205	1	< 0.01	16	550	20	4	1	6	0.01	< 10	< 10	29	< 10	54
10W 22+00N	203 205	2	< 0.01	23	1150	22	2	1	5	< 0.01	< 10	< 10	26	< 10	62
10W 22+50N	203 205	2	0.01	24	690	30	4	1	10	0.01	< 10	< 10	27	< 10	92
10W 23+00N	203 205	1	0.01	16	450	28	2	1	8	0.01	< 10	< 10	32	< 10	48
10W 23+50N	203 205	2	0.01	25	580	42	6	2	6	0.02	< 10	< 10	27	< 10	52
10W 24+00N	203 205	1	0.01	45	520	6	2	8	8	0.01	< 10	< 10	78	< 10	76
10W 24+50N	203 205	1	0.01	21	770	6	< 2	3	7	0.01	< 10	< 10	59	< 10	56
10W 25+00N	203 205	1	0.02	20	1280	6	4	4	10	0.01	< 10	< 10	86	< 10	74
10W 25+50N	203 205	1	< 0.01	22	1500	12	8	14	54	< 0.01	< 10	< 10	106	10	94
10W 26+00N	203 205	1	0.01	27	800	40	6	17	37	< 0.01	< 10	< 10	96	< 10	88
10W 26+50N	203 205	< 1	0.01	20	660	8	4	4	8	< 0.01	< 10	< 10	59	< 10	98

CERTIFICATION:

Handwritten signature



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART
 3605 CREERY AVE.
 WEST VANCOUVER, BC
 V7V 2M3

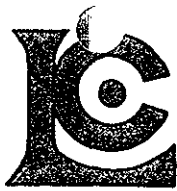
Project: GROUSE
 Comments: ATTN: A. TROUP

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 Invoice No. : 19522520
 P.O. Number :
 Account : MVJ

CERTIFICATE OF ANALYSIS A9522520

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
10W 27+00N	203 205	< 5	0.2	1.66	28	60	< 0.5	< 2	0.04	< 0.5	24	36	113	6.27	10	< 1	0.15	20	0.50	585
10W 27+50N	203 205	< 5	0.2	2.06	22	90	< 0.5	< 2	0.22	< 0.5	22	44	64	6.26	10	< 1	0.14	20	0.49	705
10W 28+00N	203 205	< 5	0.2	1.40	< 2	70	< 0.5	< 2	0.01	< 0.5	16	56	74	6.66	10	< 1	0.21	40	0.31	420
10W 28+50N	203 205	5	< 0.2	2.57	2	210	< 0.5	< 2	0.07	< 0.5	19	55	227	5.90	10	< 1	0.17	30	0.78	1070
22N 00+00W	203 205	35	0.4	2.33	20	210	< 0.5	< 2	0.49	< 0.5	27	107	467	5.13	10	< 1	0.18	30	1.14	1100
22N 00+50W	203 205	560	< 0.2	1.43	12	110	< 0.5	< 2	0.14	< 0.5	14	98	34	3.60	10	< 1	0.16	30	0.36	425
22N 01+00W	203 205	< 5	< 0.2	1.62	18	230	< 0.5	< 2	1.20	< 0.5	17	102	44	3.83	< 10	< 1	0.22	20	0.68	685
22N 01+50W	203 205	< 5	0.2	1.41	20	120	< 0.5	< 2	1.85	< 0.5	18	117	46	3.65	10	< 1	0.21	30	0.66	605
22N 02+00W	203 205	30	0.2	1.67	30	140	< 0.5	< 2	0.33	0.5	22	97	87	4.27	10	< 1	0.22	40	0.58	825
22N 02+50W	203 205	10	< 0.2	1.61	16	120	< 0.5	< 2	0.21	< 0.5	18	90	72	3.79	10	< 1	0.20	40	0.50	620
22N 03+00W	203 205	15	0.2	2.66	18	150	< 0.5	< 2	0.80	< 0.5	34	45	119	6.62	10	< 1	0.17	20	1.07	1335
22N 03+50W	203 205	5	< 0.2	1.40	20	150	< 0.5	< 2	0.26	< 0.5	15	71	86	3.34	< 10	< 1	0.16	30	0.46	585
22N 04+00W	203 205	85	< 0.2	0.82	26	70	< 0.5	< 2	0.21	< 0.5	15	78	37	3.63	< 10	< 1	0.14	30	0.29	595
22N 04+50W	203 205	10	< 0.2	1.02	24	90	< 0.5	< 2	0.31	< 0.5	17	101	42	3.82	< 10	< 1	0.14	30	0.37	665
22N 05+00W	203 205	< 5	0.4	4.10	20	60	< 0.5	< 2	0.91	< 0.5	25	77	60	4.56	< 10	< 1	0.13	10	0.63	465

CERTIFICATION: Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

3605 CREEZY AVE.
 WEST VANCOUVER, BC
 V7V 2M3

Project: GROUSE
 Comments: ATTN: A. TROUP

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CERTIFICATE OF ANALYSIS	A9522520
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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
10W 27+00N	203 205	1	0.01	21	910	18	2	3	7	< 0.01	< 10	< 10	40	< 10	180
10W 27+50N	203 205	1	0.02	19	760	24	6	4	17	< 0.01	< 10	< 10	50	< 10	86
10W 28+00N	203 205	1	0.01	33	900	46	4	2	8	< 0.01	< 10	< 10	19	< 10	102
10W 28+50N	203 205	< 1	0.01	23	720	12	4	6	15	< 0.01	< 10	< 10	72	< 10	68
22N 00+00W	203 205	1	0.02	47	950	38	4	9	27	0.05	< 10	< 10	89	< 10	108
22N 00+50W	203 205	< 1	0.01	32	450	36	2	3	10	0.03	< 10	< 10	30	< 10	72
22N 01+00W	203 205	1	0.02	38	520	30	< 2	5	49	0.07	< 10	< 10	46	< 10	78
22N 01+50W	203 205	< 1	0.02	35	440	40	2	6	66	0.07	< 10	< 10	43	< 10	76
22N 02+00W	203 205	1	0.02	51	510	46	< 2	6	25	0.04	< 10	< 10	38	< 10	108
22N 02+50W	203 205	1	0.01	44	530	36	< 2	6	18	0.02	< 10	< 10	34	< 10	70
22N 03+00W	203 205	1	0.02	28	1130	8	4	9	25	0.01	< 10	< 10	87	< 10	96
22N 03+50W	203 205	1	0.01	34	470	28	< 2	4	19	0.03	< 10	< 10	36	< 10	74
22N 04+00W	203 205	1	0.01	36	460	50	2	2	16	< 0.01	< 10	< 10	12	< 10	68
22N 04+50W	203 205	< 1	0.01	39	510	62	< 2	3	22	0.02	< 10	< 10	24	< 10	78
22N 05+00W	203 205	1	0.01	61	1100	38	< 2	5	48	< 0.01	< 10	< 10	16	< 10	82

CERTIFICATION: Hunter Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

3605 CREEERY AVE.
 WEST VANCOUVER, BC
 V7V 2M3

Project: GROUSE
 Comments: ATTN: A. TROUP

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 Account: MVJ

CERTIFICATE OF ANALYSIS A9522520

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
SSG-01	203 205	< 5	0.2	1.00	22	40	< 0.5	2	0.51	< 0.5	20	38	63	3.76	< 10	< 1	0.10	40	0.35	765
SSG-02	203 205	15	0.2	1.61	< 2	100	< 0.5	< 2	0.17	< 0.5	6	41	29	2.20	< 10	< 1	0.07	30	0.21	70
SSG-03	203 205	< 5	0.2	1.05	26	120	< 0.5	< 2	1.14	< 0.5	17	61	39	3.61	< 10	< 1	0.10	20	0.63	560
SSG-04	203 205	10	0.4	0.74	18	90	< 0.5	< 2	1.04	< 0.5	9	75	30	2.35	< 10	< 1	0.11	20	0.18	1025
SSG-05	203 205	10	0.2	0.81	26	90	< 0.5	< 2	0.42	< 0.5	14	69	35	3.16	< 10	< 1	0.11	30	0.34	1210
SSG-06	203 205	< 5	0.2	0.89	18	140	< 0.5	< 2	0.41	< 0.5	14	89	30	3.04	< 10	< 1	0.09	20	0.39	1380
SSG-07	203 205	< 5	2.2	0.70	4	80	< 0.5	< 2	2.44	< 0.5	4	41	113	0.75	< 10	< 1	0.06	90	0.15	320
SSG-08	203 205	< 5	2.0	1.20	12	80	< 0.5	< 2	2.11	0.5	10	58	46	1.93	< 10	2	0.14	20	0.34	795
SSG-09	203 205	< 5	0.6	0.56	26	100	< 0.5	< 2	2.84	< 0.5	6	25	18	1.26	< 10	< 1	0.09	< 10	0.23	595
SSG-10	203 205	25	0.4	0.70	22	120	< 0.5	< 2	0.38	< 0.5	8	57	16	2.16	< 10	1	0.08	30	0.09	1200
SSG-11	203 205	< 5	0.4	0.45	14	80	< 0.5	< 2	1.23	< 0.5	8	57	33	1.96	< 10	1	0.13	10	0.19	1185
SSG-12	203 205	< 5	0.4	0.77	24	40	< 0.5	< 2	0.15	< 0.5	15	79	42	3.54	< 10	< 1	0.11	30	0.29	470
SSG-13	203 205	15	1.0	0.82	32	90	< 0.5	< 2	0.33	< 0.5	15	65	38	3.23	< 10	< 1	0.15	30	0.23	1025
SSG-14	203 205	< 5	< 0.2	0.54	18	50	< 0.5	< 2	0.17	< 0.5	11	79	34	3.03	< 10	< 1	0.10	20	0.12	565
SSG-15	203 205	10	0.2	0.66	22	70	< 0.5	4	0.39	< 0.5	20	59	47	3.40	< 10	< 1	0.13	30	0.19	1195
SSG-16	203 205	15	0.2	0.74	24	70	< 0.5	< 2	0.14	< 0.5	16	95	43	3.57	< 10	< 1	0.16	30	0.20	620
SSG-17	203 205	10	< 0.2	0.78	16	60	< 0.5	< 2	0.18	< 0.5	15	76	37	3.11	< 10	< 1	0.15	40	0.21	510
SSG-18	203 205	< 5	0.6	1.36	10	90	< 0.5	< 2	0.55	< 0.5	11	67	28	2.57	< 10	< 1	0.13	30	0.36	945
SSG-19	203 205	115	0.2	0.65	32	60	< 0.5	< 2	0.13	0.5	14	65	37	3.29	< 10	2	0.09	30	0.22	510
SSG-20	203 205	70	0.4	0.75	34	80	< 0.5	< 2	0.11	0.5	16	74	38	3.41	< 10	< 1	0.14	50	0.17	730
SSG-21A	203 205	20	0.6	0.81	40	90	< 0.5	2	0.12	0.5	16	96	39	3.64	< 10	< 1	0.17	40	0.20	705
SSG-21B	203 205	120	0.6	0.80	34	90	< 0.5	< 2	0.12	0.5	17	88	40	3.73	< 10	< 1	0.15	30	0.20	785
9W 10+50N	203 205	40	0.4	0.80	116	70	< 0.5	< 2	0.16	0.5	20	63	51	4.18	< 10	< 1	0.15	30	0.22	1045
9W 11+00N	203 205	< 5	0.6	1.95	8	90	< 0.5	< 2	0.13	< 0.5	20	56	60	4.56	< 10	1	0.21	50	0.48	1075
9W 11+50N	203 205	< 5	0.2	1.09	18	100	< 0.5	< 2	0.28	< 0.5	16	45	29	3.94	< 10	< 1	0.13	30	0.21	1135
9W 12+00N	203 205	< 5	0.2	0.86	4	80	< 0.5	< 2	0.08	< 0.5	5	61	11	2.10	< 10	< 1	0.12	30	0.06	115
9W 12+50N	203 205	< 5	0.2	1.17	14	70	< 0.5	< 2	0.09	< 0.5	17	26	47	3.62	< 10	< 1	0.15	60	0.23	610
9W 13+00N	203 205	< 5	0.2	0.81	32	80	< 0.5	< 2	0.12	< 0.5	25	61	62	5.16	< 10	< 1	0.17	30	0.16	1340
9W 13+50N	203 205	< 5	0.6	1.09	18	70	< 0.5	< 2	0.23	< 0.5	16	53	50	3.54	< 10	< 1	0.12	40	0.27	740
9W 14+00N	203 205	< 5	< 0.2	1.27	12	70	< 0.5	< 2	0.17	< 0.5	6	60	15	4.24	< 10	< 1	0.10	20	0.19	160
9W 14+50N	203 205	< 5	0.2	1.29	22	70	< 0.5	2	0.06	< 0.5	13	55	35	3.39	< 10	< 1	0.13	30	0.29	425
9W 15+00N	203 205	< 5	0.2	1.07	26	100	< 0.5	2	0.04	< 0.5	18	80	40	3.88	< 10	< 1	0.18	30	0.23	575
9W 15+50N	203 205	< 5	0.2	1.60	20	120	< 0.5	< 2	0.08	< 0.5	23	54	54	4.09	< 10	< 1	0.21	30	0.40	1020
9W 16+00N	203 205	30	0.2	1.20	50	120	< 0.5	< 2	0.03	< 0.5	17	60	53	3.84	< 10	< 1	0.18	50	0.23	565
9W 16+50N	203 205	10	1.8	1.15	30	100	< 0.5	< 2	0.18	0.5	16	56	38	3.50	< 10	1	0.15	40	0.29	820
9W 17+00N	203 205	< 5	< 0.2	0.77	24	70	< 0.5	< 2	0.09	< 0.5	14	68	36	3.23	< 10	< 1	0.13	30	0.24	505
9W 17+50N	203 205	< 5	0.2	0.66	24	60	< 0.5	< 2	0.13	< 0.5	15	64	35	3.25	< 10	< 1	0.12	30	0.20	545
9W 18+00N	203 205	< 5	0.2	1.04	30	80	< 0.5	< 2	0.23	< 0.5	17	75	38	3.49	< 10	< 1	0.18	40	0.35	600
9W 18+50N	203 205	20	0.2	0.64	56	70	< 0.5	< 2	0.97	< 0.5	19	68	48	4.62	< 10	< 1	0.14	40	0.21	405
9W 19+00N	203 205	2310	0.2	1.22	14	140	< 0.5	< 2	0.57	< 0.5	16	74	39	3.44	< 10	< 1	0.13	20	0.60	605

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 FAX: 604-984-0218

To: TROUP, ART

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V7V 2M3

Project: GROUSE
Comments: ATTN: A. TROUP

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Total Pages :3
Certificate Date: 30-JUL-95
Invoice No. : I9522520
P.O. Number :
Account : MVJ

CERTIFICATE OF ANALYSIS

A9522520

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SSG-01	203	205	< 1	0.01	35	790	22	4	3	37	< 0.01	< 10	< 10	14	< 10	98
SSG-02	203	205	< 1	< 0.01	18	420	52	2	2	12	< 0.01	< 10	< 10	14	< 10	28
SSG-03	203	205	< 1	0.01	38	550	34	2	3	51	0.05	< 10	< 10	29	< 10	84
SSG-04	203	205	1	0.01	31	880	36	2	1	65	< 0.01	< 10	< 10	11	< 10	60
SSG-05	203	205	1	0.01	29	500	38	2	2	23	0.02	< 10	< 10	19	< 10	72
SSG-06	203	205	< 1	0.01	31	490	28	< 2	3	20	0.06	< 10	< 10	30	< 10	66
SSG-07	203	205	< 1	0.01	17	1090	18	< 2	4	159	< 0.01	< 10	70	7	< 10	16
SSG-08	203	205	< 1	0.01	28	1330	46	2	2	99	< 0.01	< 10	10	12	< 10	60
SSG-09	203	205	< 1	0.01	9	1000	24	2	< 1	151	< 0.01	< 10	20	7	< 10	36
SSG-10	203	205	1	< 0.01	12	390	26	< 2	1	27	< 0.01	< 10	< 10	14	< 10	62
SSG-11	203	205	1	0.01	36	830	36	2	< 1	60	< 0.01	< 10	< 10	5	< 10	60
SSG-12	203	205	< 1	< 0.01	32	400	38	< 2	2	10	0.01	< 10	< 10	14	< 10	72
SSG-13	203	205	< 1	0.01	35	790	36	2	4	30	< 0.01	< 10	< 10	12	< 10	76
SSG-14	203	205	1	< 0.01	22	420	52	< 2	1	14	< 0.01	< 10	< 10	6	< 10	250
SSG-15	203	205	< 1	< 0.01	32	440	52	2	2	17	< 0.01	< 10	< 10	6	< 10	80
SSG-16	203	205	1	0.01	32	470	72	4	2	15	< 0.01	< 10	< 10	9	< 10	90
SSG-17	203	205	1	< 0.01	35	410	30	< 2	2	15	< 0.01	< 10	< 10	8	< 10	68
SSG-18	203	205	< 1	0.01	20	1030	22	2	2	32	0.01	< 10	< 10	20	< 10	72
SSG-19	203	205	1	< 0.01	32	380	48	2	2	9	0.02	< 10	< 10	14	< 10	72
SSG-20	203	205	< 1	0.01	29	560	118	2	2	13	< 0.01	< 10	< 10	12	< 10	90
SSG-21A	203	205	< 1	0.01	32	490	112	2	2	13	< 0.01	< 10	< 10	13	< 10	96
SSG-21B	203	205	1	0.01	34	470	112	2	2	12	< 0.01	< 10	< 10	12	< 10	118
9W 10+50N	203	205	1	0.01	31	620	196	4	3	16	< 0.01	< 10	< 10	14	< 10	102
9W 11+00N	203	205	< 1	< 0.01	33	930	48	2	3	13	< 0.01	< 10	< 10	15	< 10	100
9W 11+50N	203	205	< 1	0.01	26	800	30	2	2	21	0.01	< 10	< 10	20	< 10	88
9W 12+00N	203	205	< 1	0.01	8	400	18	< 2	1	13	< 0.01	< 10	< 10	13	< 10	38
9W 12+50N	203	205	< 1	< 0.01	29	460	26	4	3	11	< 0.01	< 10	< 10	7	< 10	90
9W 13+00N	203	205	< 1	0.01	32	580	40	2	4	16	< 0.01	< 10	< 10	24	< 10	98
9W 13+50N	203	205	< 1	< 0.01	29	700	46	2	3	18	< 0.01	< 10	< 10	14	< 10	90
9W 14+00N	203	205	1	< 0.01	13	430	32	2	1	17	0.03	< 10	< 10	26	< 10	46
9W 14+50N	203	205	1	0.01	26	420	38	2	2	7	0.01	< 10	< 10	20	< 10	76
9W 15+00N	203	205	1	0.01	33	480	50	2	2	9	< 0.01	< 10	< 10	15	< 10	90
9W 15+50N	203	205	< 1	0.01	38	470	32	2	2	10	0.01	< 10	< 10	20	< 10	94
9W 16+00N	203	205	< 1	0.01	36	300	58	< 2	3	9	< 0.01	< 10	< 10	15	< 10	108
9W 16+50N	203	205	< 1	0.01	32	510	156	< 2	3	17	0.01	< 10	< 10	19	< 10	112
9W 17+00N	203	205	1	0.01	29	400	36	4	2	9	0.01	< 10	< 10	12	< 10	78
9W 17+50N	203	205	< 1	< 0.01	27	410	46	< 2	2	16	< 0.01	< 10	< 10	10	< 10	76
9W 18+00N	203	205	< 1	0.01	37	460	30	4	2	19	< 0.01	< 10	< 10	15	< 10	62
9W 18+50N	203	205	< 1	0.01	43	420	30	4	2	56	< 0.01	< 10	< 10	9	< 10	92
9W 19+00N	203	205	< 1	0.01	35	550	22	2	4	25	0.05	< 10	< 10	35	< 10	74

CERTIFICATION:

Handwritten signature: Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

3605 CREEERY AVE.
 WEST VANCOUVER, BC
 V7V 2M3

Project: GROUSE
 Comments: ATTN: A. TROUP

Page number :2-A
 Total Pages :3
 Certificate Date: 30-JUL-95
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 Account : MVJ

CERTIFICATE OF ANALYSIS A9522520

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
9W 19+50N	203 205	10	0.4	0.92	26	120	< 0.5	< 2	0.41	< 0.5	14	71	37	3.40	< 10	< 1	0.10	20	0.41	580
9W 20+00N	203 205	100	0.4	1.06	12	130	< 0.5	< 2	0.73	< 0.5	16	62	38	3.59	< 10	< 1	0.10	20	0.57	715
9W 20+50N	203 205	5	< 0.2	1.28	18	160	< 0.5	< 2	0.37	< 0.5	18	72	41	3.91	10	< 1	0.13	30	0.54	800
9W 20+50NA	203 205	230	0.2	0.92	36	110	< 0.5	< 2	0.30	< 0.5	16	61	52	3.74	< 10	< 1	0.12	30	0.39	655
9W 21+00N	203 205	15	< 0.2	1.96	22	260	< 0.5	< 2	0.39	< 0.5	21	71	61	4.43	10	< 1	0.22	30	0.64	890
10W 10+70N	203 205	< 5	0.2	0.26	40	60	< 0.5	< 2	0.04	< 0.5	23	44	42	3.96	10	< 1	0.14	50	0.06	785
10W 11+00N	203 205	15	1.4	0.82	68	80	< 0.5	4	0.06	< 0.5	15	52	41	3.91	< 10	< 1	0.14	30	0.21	665
10W 11+50N	203 205	555	0.6	0.72	36	70	< 0.5	< 2	0.07	< 0.5	13	58	33	3.64	10	< 1	0.11	30	0.16	700
10W 12+00N	203 205	20	0.6	0.86	42	90	< 0.5	< 2	0.16	< 0.5	16	77	42	4.21	10	< 1	0.14	40	0.21	900
10W 12+50N	203 205	25	0.4	0.77	118	80	< 0.5	< 2	0.12	< 0.5	22	57	56	5.68	10	< 1	0.11	40	0.15	1285
10W 13+00N	203 205	45	1.2	0.71	366	100	< 0.5	< 2	0.17	< 0.5	23	58	48	4.27	10	< 1	0.13	40	0.20	1345
10W 13+50N	203 205	6400	3.2	0.66	9910	400	< 0.5	6	0.23	2.5	29	46	43	10.35	< 10	< 1	0.07	10	0.17	850
10W 14+00N	203 205	145	1.4	0.58	260	80	< 0.5	< 2	0.20	< 0.5	30	48	47	4.17	< 10	< 1	0.11	30	0.14	765
10W 14+50N	203 205	20	1.2	0.45	66	70	< 0.5	< 2	0.16	< 0.5	36	48	101	6.06	< 10	< 1	0.11	30	0.10	675
10W 15+00N	203 205	10	0.2	0.63	42	40	< 0.5	< 2	0.08	< 0.5	15	64	42	3.83	< 10	< 1	0.10	30	0.18	595
10W 15+25N	203 205	120	0.4	0.53	60	80	< 0.5	< 2	0.16	< 0.5	37	54	48	5.05	< 10	< 1	0.16	40	0.16	1980
10W 15+50N	203 205	15	0.2	0.75	40	80	< 0.5	< 2	0.14	< 0.5	22	98	54	4.21	10	< 1	0.17	40	0.19	595
10W 16+00N	203 205	5	0.4	1.18	28	90	< 0.5	< 2	0.21	< 0.5	17	73	55	3.80	10	< 1	0.15	40	0.32	880
10W 16+50N	203 205	10	0.4	0.88	32	70	< 0.5	< 2	0.07	< 0.5	18	63	59	4.38	< 10	< 1	0.11	30	0.14	1155
10W 17+00N	203 205	20	< 0.2	0.63	8	60	< 0.5	< 2	0.04	< 0.5	13	94	38	3.43	< 10	< 1	0.14	30	0.19	480
10W 17+25N	203 205	5	0.2	0.75	34	70	< 0.5	< 2	0.07	< 0.5	18	99	58	4.19	< 10	< 1	0.16	40	0.23	600
10W 17+50N	203 205	10	0.8	0.91	12	60	< 0.5	< 2	0.18	< 0.5	33	51	94	5.35	10	< 1	0.19	90	0.06	440
10W 18+00N	203 205	25	0.2	0.63	52	50	< 0.5	< 2	0.12	< 0.5	27	73	59	4.91	< 10	< 1	0.12	30	0.10	1015
10W 18+50N	203 205	< 5	0.2	0.59	20	60	< 0.5	< 2	0.15	< 0.5	15	83	37	3.42	< 10	< 1	0.11	20	0.20	695
10W 19+00N	203 205	< 5	< 0.2	0.63	20	70	< 0.5	< 2	0.15	< 0.5	16	96	42	3.73	< 10	< 1	0.11	20	0.21	620
10W 19+50N	203 205	< 5	0.2	0.43	12	60	< 0.5	< 2	0.26	< 0.5	16	64	37	3.20	< 10	< 1	0.11	30	0.10	790
10W 20+00N	203 205	40	< 0.2	1.02	46	50	< 0.5	< 2	0.04	< 0.5	13	75	37	4.68	< 10	< 1	0.10	20	0.17	240
10W 20+50N	203 205	< 5	1.2	1.25	14	90	< 0.5	< 2	0.48	< 0.5	13	75	34	3.76	< 10	< 1	0.13	20	0.23	1355
10W 21+00N	203 205	< 5	0.6	1.20	18	80	< 0.5	< 2	0.58	< 0.5	8	90	19	3.83	10	< 1	0.10	20	0.15	280
10W 21+50N	203 205	< 5	0.2	0.91	16	40	< 0.5	< 2	0.02	< 0.5	7	86	23	4.54	10	< 1	0.10	30	0.10	155
10W 22+00N	203 205	< 5	< 0.2	0.67	8	40	< 0.5	< 2	0.02	< 0.5	9	123	30	4.40	10	< 1	0.12	20	0.10	810
10W 22+50N	203 205	< 5	0.4	1.18	20	70	< 0.5	< 2	0.10	< 0.5	11	85	29	5.23	10	< 1	0.12	20	0.15	390
10W 23+00N	203 205	< 5	0.2	1.00	16	60	< 0.5	< 2	0.08	< 0.5	5	89	23	3.34	10	< 1	0.10	20	0.11	225
10W 23+50N	203 205	215	0.2	1.17	20	30	< 0.5	< 2	0.02	< 0.5	8	62	37	7.84	10	< 1	0.10	20	0.14	185
10W 24+00N	203 205	< 5	< 0.2	3.44	6	90	< 0.5	< 2	0.04	< 0.5	26	81	78	6.49	< 10	< 1	0.08	10	0.95	310
10W 24+50N	203 205	< 5	< 0.2	2.22	4	60	< 0.5	< 2	0.04	< 0.5	12	41	43	5.43	10	< 1	0.08	20	0.54	235
10W 25+00N	203 205	< 5	0.2	2.30	14	80	< 0.5	< 2	0.03	< 0.5	17	48	60	6.85	10	< 1	0.09	20	0.62	725
10W 25+50N	203 205	< 5	< 0.2	3.48	2	140	< 0.5	< 2	0.56	< 0.5	30	50	218	8.06	10	< 1	0.08	40	1.49	1875
10W 26+00N	203 205	< 5	0.2	2.99	24	80	< 0.5	< 2	0.56	< 0.5	37	45	151	6.81	10	2	0.09	30	0.96	1805
10W 26+50N	203 205	< 5	< 0.2	2.45	16	80	< 0.5	< 2	0.10	< 0.5	19	37	71	6.39	10	< 1	0.08	10	0.72	525

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 FAX: 604-984-0218

To: TROUP, ART

3605 CREERY AVE.
 WEST VANCOUVER, BC
 V7V 2M3

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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
9W 19+50N	203 205	1	0.01	32	540	32	2	3	17	0.06	< 10	< 10	33	< 10	70
9W 20+00N	203 205	< 1	0.01	42	570	28	2	3	30	0.04	< 10	< 10	32	< 10	78
9W 20+50N	203 205	< 1	0.01	44	600	26	4	5	24	0.05	< 10	< 10	38	< 10	86
9W 20+50NA	203 205	1	0.01	37	520	44	2	3	16	0.02	< 10	< 10	22	< 10	84
9W 21+00N	203 205	< 1	0.01	58	570	38	2	7	26	0.03	< 10	< 10	35	< 10	110
10W 10+70N	203 205	< 1	< 0.01	43	290	40	2	2	8	< 0.01	< 10	< 10	3	< 10	116
10W 11+00N	203 205	1	< 0.01	38	430	320	2	2	9	< 0.01	< 10	< 10	10	< 10	124
10W 11+50N	203 205	1	< 0.01	28	670	102	2	1	9	< 0.01	< 10	< 10	13	< 10	86
10W 12+00N	203 205	1	< 0.01	38	600	120	2	2	18	< 0.01	< 10	< 10	13	< 10	116
10W 12+50N	203 205	1	< 0.01	59	670	174	4	2	13	< 0.01	< 10	< 10	10	< 10	120
10W 13+00N	203 205	1	0.01	47	570	274	2	3	15	0.01	< 10	< 10	14	< 10	118
10W 13+50N	203 205	< 1	< 0.01	37	470	146	8	4	21	0.01	< 10	< 10	15	< 10	64
10W 14+00N	203 205	< 1	< 0.01	50	610	52	4	6	16	< 0.01	< 10	< 10	8	< 10	64
10W 14+50N	203 205	2	0.01	97	620	74	4	4	16	< 0.01	< 10	< 10	6	< 10	106
10W 15+00N	203 205	1	< 0.01	34	490	52	2	1	9	< 0.01	< 10	< 10	9	< 10	84
10W 15+25N	203 205	1	0.01	47	380	40	4	4	19	< 0.01	< 10	< 10	6	< 10	122
10W 15+50N	203 205	1	0.01	44	490	58	2	2	15	< 0.01	< 10	< 10	11	< 10	106
10W 16+00N	203 205	1	< 0.01	33	580	88	2	2	19	< 0.01	< 10	< 10	13	< 10	90
10W 16+50N	203 205	1	0.01	27	900	50	2	2	10	< 0.01	< 10	< 10	11	< 10	104
10W 17+00N	203 205	1	0.01	32	400	34	2	2	9	< 0.01	< 10	< 10	9	< 10	82
10W 17+25N	203 205	1	0.01	38	490	82	2	2	11	< 0.01	< 10	< 10	11	< 10	100
10W 17+50N	203 205	1	< 0.01	76	1250	20	4	3	21	< 0.01	< 10	< 10	5	< 10	126
10W 18+00N	203 205	1	0.01	39	720	34	4	2	13	< 0.01	< 10	< 10	6	< 10	130
10W 18+50N	203 205	1	< 0.01	33	420	44	2	1	13	< 0.01	< 10	< 10	9	< 10	82
10W 19+00N	203 205	1	< 0.01	33	460	52	4	2	14	< 0.01	< 10	< 10	11	< 10	88
10W 19+50N	203 205	1	0.01	35	480	18	< 2	2	20	< 0.01	< 10	< 10	5	< 10	44
10W 20+00N	203 205	2	< 0.01	30	280	56	4	1	6	< 0.01	< 10	< 10	10	< 10	78
10W 20+50N	203 205	1	0.01	27	400	44	2	3	35	< 0.01	< 10	< 10	16	< 10	82
10W 21+00N	203 205	1	0.01	16	480	28	4	1	36	< 0.01	< 10	< 10	21	< 10	58
10W 21+50N	203 205	1	< 0.01	16	550	20	4	1	6	0.01	< 10	< 10	29	< 10	54
10W 22+00N	203 205	2	< 0.01	23	1150	22	2	1	5	< 0.01	< 10	< 10	26	< 10	62
10W 22+50N	203 205	2	0.01	24	690	30	4	1	10	0.01	< 10	< 10	27	< 10	92
10W 23+00N	203 205	1	0.01	16	450	28	2	1	8	0.01	< 10	< 10	32	< 10	48
10W 23+50N	203 205	2	0.01	25	580	42	6	2	6	0.02	< 10	< 10	27	< 10	52
10W 24+00N	203 205	1	0.01	45	520	6	2	8	8	0.01	< 10	< 10	78	< 10	76
10W 24+50N	203 205	1	0.01	21	770	6	< 2	3	7	0.01	< 10	< 10	59	< 10	56
10W 25+00N	203 205	1	0.02	20	1280	6	4	4	10	0.01	< 10	< 10	86	< 10	74
10W 25+50N	203 205	1	< 0.01	22	1500	12	8	14	54	< 0.01	< 10	< 10	106	10	94
10W 26+00N	203 205	1	0.01	27	800	40	6	17	37	< 0.01	< 10	< 10	96	< 10	88
10W 26+50N	203 205	< 1	0.01	20	660	8	4	4	8	< 0.01	< 10	< 10	59	< 10	98

CERTIFICATION: *Hart A. Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

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WEST VANCOUVER, BC
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10W 27+00N	203 205	< 5	0.2	1.66	28	60	< 0.5	< 2	0.04	< 0.5	24	36	113	6.27	10	< 1	0.15	20	0.50	585
10W 27+50N	203 205	< 5	0.2	2.06	22	90	< 0.5	< 2	0.22	< 0.5	22	44	64	6.26	10	< 1	0.14	20	0.49	705
10W 28+00N	203 205	< 5	0.2	1.40	< 2	70	< 0.5	< 2	0.01	< 0.5	16	56	74	6.66	10	< 1	0.21	40	0.31	420
10W 28+50N	203 205	5	< 0.2	2.57	2	210	< 0.5	< 2	0.07	< 0.5	19	55	227	5.90	10	< 1	0.17	30	0.78	1070
22N 00+00W	203 205	35	0.4	2.33	20	210	< 0.5	< 2	0.49	< 0.5	27	107	467	5.13	10	< 1	0.18	30	1.14	1100
22N 00+50W	203 205	560	< 0.2	1.43	12	110	< 0.5	< 2	0.14	< 0.5	14	98	34	3.60	10	< 1	0.16	30	0.36	425
22N 01+00W	203 205	< 5	< 0.2	1.62	18	230	< 0.5	< 2	1.20	< 0.5	17	102	44	3.83	< 10	< 1	0.22	20	0.68	685
22N 01+50W	203 205	< 5	0.2	1.41	20	120	< 0.5	< 2	1.85	< 0.5	18	117	46	3.65	10	< 1	0.21	30	0.66	605
22N 02+00W	203 205	30	0.2	1.67	30	140	< 0.5	< 2	0.33	0.5	22	97	87	4.27	10	< 1	0.22	40	0.58	825
22N 02+50W	203 205	10	< 0.2	1.61	16	120	< 0.5	< 2	0.21	< 0.5	18	90	72	3.79	10	< 1	0.20	40	0.50	620
22N 03+00W	203 205	15	0.2	2.66	18	150	< 0.5	< 2	0.80	< 0.5	34	45	119	6.62	10	< 1	0.17	20	1.07	1335
22N 03+50W	203 205	5	< 0.2	1.40	20	150	< 0.5	< 2	0.26	< 0.5	15	71	86	3.34	< 10	< 1	0.16	30	0.46	585
22N 04+00W	203 205	85	< 0.2	0.82	26	70	< 0.5	< 2	0.21	< 0.5	15	78	37	3.63	< 10	< 1	0.14	30	0.29	595
22N 04+50W	203 205	10	< 0.2	1.02	24	90	< 0.5	< 2	0.31	< 0.5	17	101	42	3.82	< 10	< 1	0.14	30	0.37	665
22N 05+00W	203 205	< 5	0.4	4.10	20	60	< 0.5	< 2	0.91	< 0.5	25	77	60	4.56	< 10	< 1	0.13	10	0.63	465

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

3605 CREERY AVE.
WEST VANCOUVER, BC
V7V 2M3

Project: GROUSE
Comments: ATTN: A. TROUP

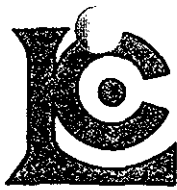
Page number : 3-B
Total pages : 3
Certificate Date: 30-JUL-95
Invoice No. : 19522520
P.O. Number :
Account : MVJ

CERTIFICATE OF ANALYSIS

A9522520

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
10W 27+00N	203	205	1	0.01	21	910	18	2	3	7	< 0.01	< 10	< 10	40	< 10	180
10W 27+50N	203	205	1	0.02	19	760	24	6	4	17	< 0.01	< 10	< 10	50	< 10	86
10W 28+00N	203	205	1	0.01	33	900	46	4	2	8	< 0.01	< 10	< 10	19	< 10	102
10W 28+50N	203	205	< 1	0.01	23	720	12	4	6	15	< 0.01	< 10	< 10	72	< 10	68
22N 00+00W	203	205	1	0.02	47	950	38	4	9	27	0.05	< 10	< 10	89	< 10	108
22N 00+50W	203	205	< 1	0.01	32	450	36	2	3	10	0.03	< 10	< 10	30	< 10	72
22N 01+00W	203	205	1	0.02	38	520	30	< 2	5	49	0.07	< 10	< 10	46	< 10	78
22N 01+50W	203	205	< 1	0.02	35	440	40	2	6	66	0.07	< 10	< 10	43	< 10	76
22N 02+00W	203	205	1	0.02	51	510	46	< 2	6	25	0.04	< 10	< 10	38	< 10	108
22N 02+50W	203	205	1	0.01	44	530	36	< 2	6	18	0.02	< 10	< 10	34	< 10	70
22N 03+00W	203	205	1	0.02	28	1130	8	4	9	25	0.01	< 10	< 10	87	< 10	96
22N 03+50W	203	205	1	0.01	34	470	28	< 2	4	19	0.03	< 10	< 10	36	< 10	74
22N 04+00W	203	205	1	0.01	36	460	50	2	2	16	< 0.01	< 10	< 10	12	< 10	68
22N 04+50W	203	205	< 1	0.01	39	510	62	< 2	3	22	0.02	< 10	< 10	24	< 10	78
22N 05+00W	203	205	1	0.01	61	1100	38	< 2	5	48	< 0.01	< 10	< 10	16	< 10	82

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 FAX: 604-984-0218

To: TROUP, ART

3605 CREERY AVE.
 WEST VANCOUVER, BC
 V7V 2M3

Project: GROUSE
 Comments: ATTN: A. TROUP

Page Number: 1-A
 Total Pages: 1
 Certificate Date: 30-JUL-95
 Invoice No.: I9522521
 P.O. Number:
 Account: MVJ

CERTIFICATE OF ANALYSIS

A9522521

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
RG-01	205 226	< 5	0.6	0.38	2	30	< 0.5	< 2	0.19	0.5	6	280	12	2.77	< 10	< 1	0.09	< 10	0.16	595
RG-02	205 226	< 5	< 0.2	0.14	2	10	< 0.5	< 2	>15.00	< 0.5	< 1	81	3	0.91	< 10	< 1	0.02	10	0.26	430
RG-03	205 226	< 5	< 0.2	0.71	< 2	50	< 0.5	< 2	7.92	0.5	13	121	18	4.63	< 10	< 1	0.03	< 10	0.58	2190
RG-04	205 226	90	59.4	< 0.01	50	< 10	< 0.5	116	3.77	4.0	19	253	21	3.38	< 10	< 1	< 0.01	< 10	0.58	485
RG-05	205 226	15	54.0	< 0.01	< 2	10	< 0.5	140	14.70	5.0	10	35	7	9.20	< 10	1	0.03	< 10	1.80	1900
RG-06	205 226	525	3.4	0.13	130	30	< 0.5	< 2	5.10	8.0	4	145	85	4.91	< 10	1	0.10	< 10	0.71	2440
RG-07	205 226	< 5	1.6	< 0.01	2	20	< 0.5	14	2.68	< 0.5	3	172	4	2.08	< 10	< 1	< 0.01	< 10	0.07	1120
RG-08	205 226	410	0.4	0.02	176	20	< 0.5	2	0.11	0.5	14	126	24	6.74	< 10	< 1	0.05	< 10	0.09	1545
RG-09	205 226	< 5	0.2	0.46	24	40	< 0.5	< 2	0.14	0.5	21	80	29	4.03	< 10	< 1	0.19	40	0.15	585
RG-10	205 226	5	0.2	0.30	32	10	< 0.5	< 2	4.22	0.5	22	136	97	5.99	< 10	1	0.03	< 10	0.88	1290
RG-11	205 226	< 5	0.6	0.08	48	90	< 0.5	< 2	0.12	2.0	4	154	23	11.15	< 10	< 1	0.05	< 10	0.13	5290
RG-12	205 226	< 5	0.2	0.43	16	90	< 0.5	< 2	0.10	0.5	6	211	14	2.95	< 10	< 1	0.25	20	0.06	2060

CERTIFICATION:

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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

3605 CREEZY AVE.
WEST VANCOUVER, BC
V7V 2M3

Project: GROUSE
Comments: ATTN: A. TROUP

Page Number: 1-B
Total Pages: 1
Certificate Date: 30-JUL-95
Invoice No.: I9522521
P.O. Number:
Account: MVJ

CERTIFICATE OF ANALYSIS A9522521

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RG-01	205	226	< 1	0.01	10	180	96	2	1	9	< 0.01	< 10	< 10	5	< 10	64
RG-02	205	226	< 1	0.01	1	90	16	2	1	1990	< 0.01	< 10	< 10	3	10	18
RG-03	205	226	1	0.02	4	740	12	4	11	333	< 0.01	< 10	< 10	35	10	50
RG-04	205	226	< 1	< 0.01	32	20	>10000	4	3	99	< 0.01	< 10	< 10	4	10	830
RG-05	205	226	< 1	0.01	27	1890	5640	8	3	148	< 0.01	< 10	< 10	9	40	176
RG-06	205	226	< 1	0.01	8	70	1240	6	4	78	< 0.01	< 10	< 10	4	10	650
RG-07	205	226	< 1	< 0.01	10	40	154	2	1	14	< 0.01	< 10	< 10	2	< 10	46
RG-08	205	226	1	< 0.01	27	80	166	4	2	5	< 0.01	< 10	< 10	3	< 10	76
RG-09	205	226	< 1	0.01	32	400	36	2	2	12	< 0.01	< 10	< 10	3	< 10	88
RG-10	205	226	< 1	0.08	18	820	20	6	18	89	< 0.01	< 10	< 10	26	10	88
RG-11	205	226	1	< 0.01	38	180	400	10	4	9	< 0.01	< 10	< 10	5	< 10	104
RG-12	205	226	1	0.01	15	370	52	2	2	9	< 0.01	< 10	< 10	8	< 10	28

CERTIFICATION: Hart Buchler



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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: TROUP, ART

3605 CREEPY AVE.
WEST VANCOUVER, BC
V7V 2M3

Project: GROUSE
Comments: CC: BUD HALEXON

Page Number: 1-A
Total Pages: 1
Certificate Date: 15-AUG-95
Invoice No.: 19523828
P.O. Number:
Account: MVJ

CERTIFICATE OF ANALYSIS

A9523828

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %
GALENA 1	209 233	420	>200	0.01	280	20	< 5	830	0.04	120	< 5	40	15	0.10	< 10	< 0.01	< 0.01	< 10	< 5	0.03

*PAN CONCENTRATE
STATION: 10W, 11+00N*

CERTIFICATION: *Hart Bichler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: TROUP, ART

3605 CREERY AVE.
WEST VANCOUVER, BC
V7V 2M3

Project: GROUSE
Comments: CC: BUD HALEXON

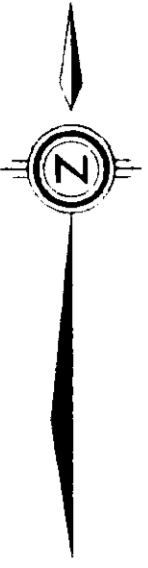
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Invoice No. : 19523828
P.O. Number :
Account : MVJ

CERTIFICATE OF ANALYSIS

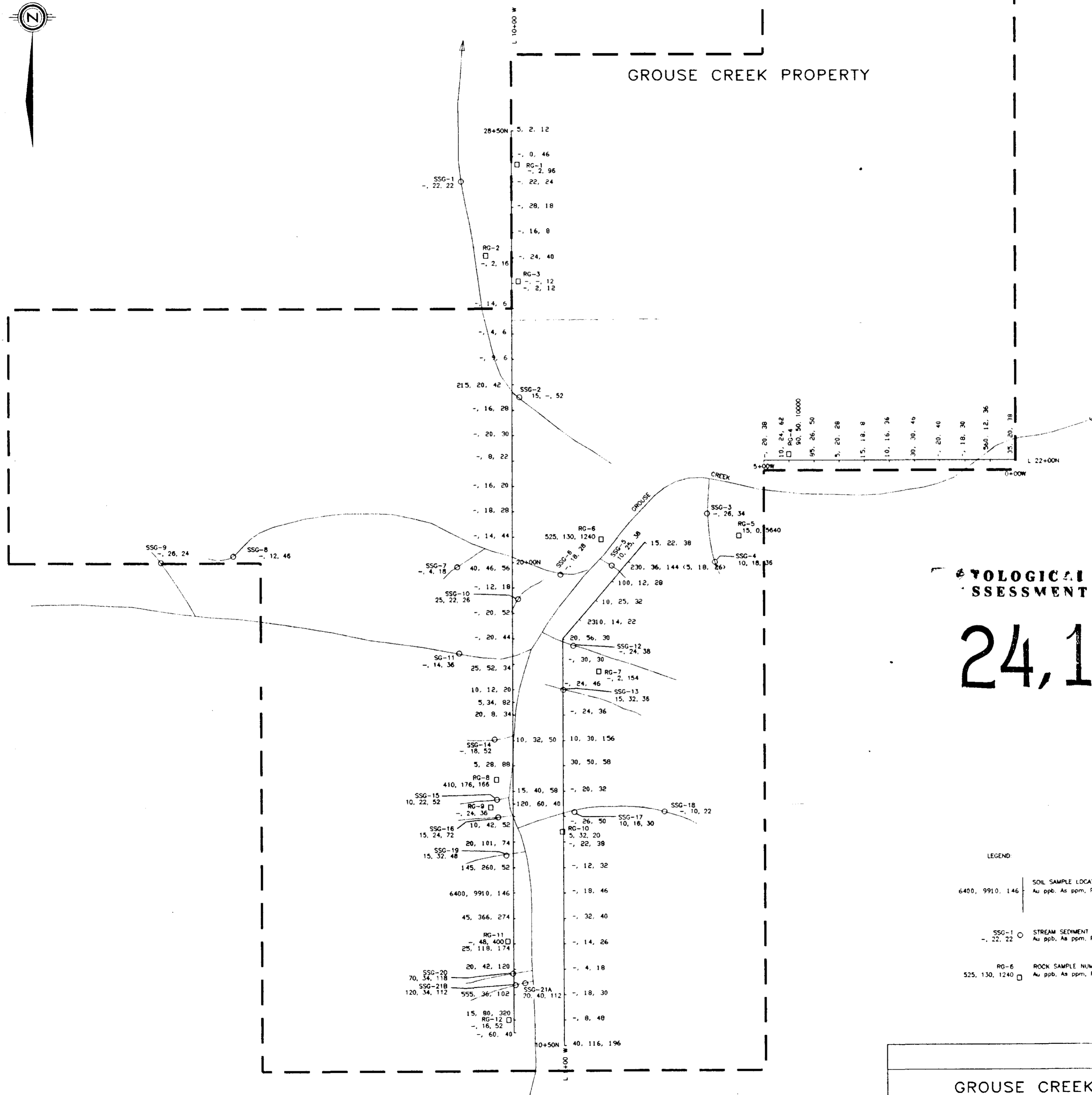
A9523828

SAMPLE	PREP CODE	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
GALENA 1	209 233	10	< 100	>50000	1260	2830	20	< 0.01	< 20	< 20	< 20	< 20	45

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GROUSE CREEK PROPERTY



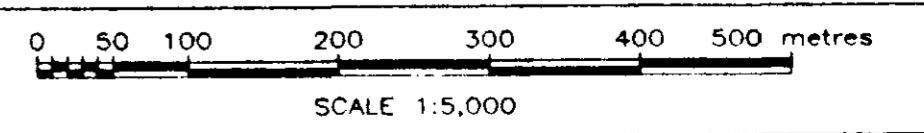
GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,135

LEGEND

- 6400, 9910, 146 | SOIL SAMPLE LOCATION
Au ppb, As ppm, Pb ppb
- SSG-1 | STREAM SEDIMENT SAMPLE NUMBER
Au ppb, As ppm, Pb ppb
- RG-6 | ROCK SAMPLE NUMBER
Au ppb, As ppm, Pb ppb

GROUSE CREEK PROPERTY
GEOCHEMISTRY
SOIL, ROCK and STREAM SEDIMENT SAMPLING

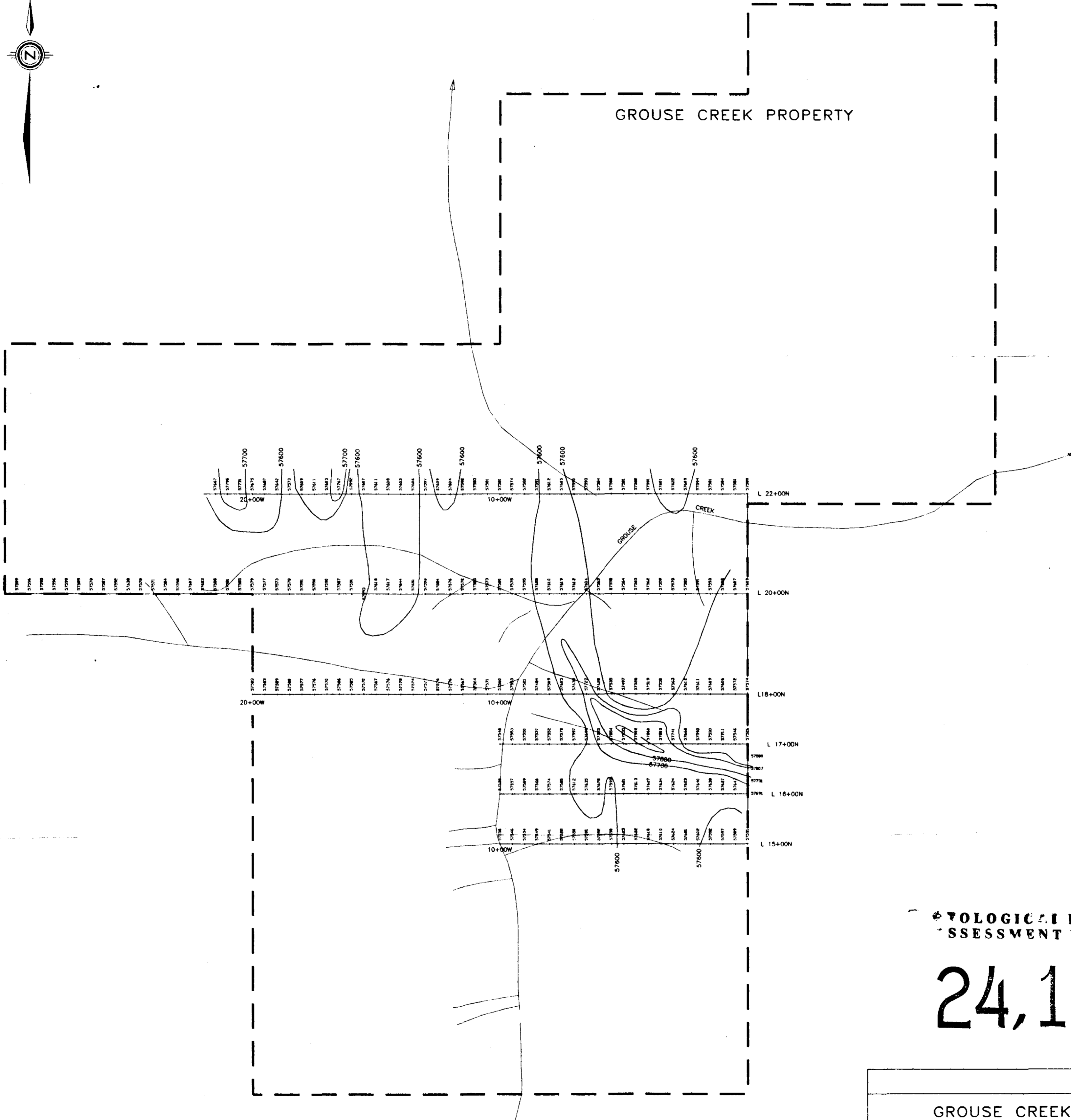


DATE: SEPT., 1995
BY: A.G.T./rwr

MAP No. 4



GROUSE CREEK PROPERTY



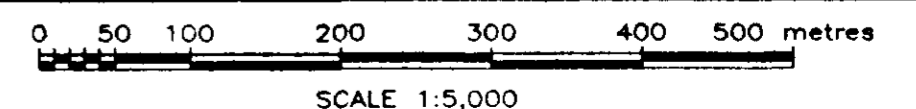
GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,135

GROUSE CREEK PROPERTY

MAGNETOMETER SURVEY (2)

CONTOUR INTERVAL = 100 GAMMAS



DATE: SEPT., 1995
BY: A.G.T./rwr

MAP No. 5