GABRIEL RESOURCES INC.

GEOLOGY REPORT ON THE YARDLEY LAKE PROPERTY CARIBOO MINING DIVISION BRITISH COLUMBIA

NTS 93G/8

BY
Scott Tomlinson, B.Sc.

December 1988

ARIS SUMMARY SHEET

District Geologist, Prince George — Off Confidential: 90.01.26

ASSESSMENT REPORT 18793 — MINING DIVISION: Cariboo

PROPERTY: Yardley Lake
LOCATION: LAT 53 22 00 LONG 122 25 00
UTM 10 5913001 538816
NTS 093G08W

CAMP: 036 Cariboo - Quesnel Belt

CLAIM(S): G 3-4,G 13,G 15
OPERATOR(S): Gabriel Res.
AUTHOR(S): Tomlinson, S.
REPORT YEAR: 1989, 34 Pages
COMMODITIES SEARCHED FOR: Gold
KEYWORDS: Triassic,Jurassic,Takla Group,Andesites,Basalts,Phyllites
WORK DONE: Geological,Geochemical
GEOL 2000.0 ha
Map(s) - 1; Scale(s) - 1:10 000
ROCK 4 sample(s) ;ME
SILT 14 sample(s) ;ME
SOIL 22 sample(s) ;ME
RELATED REPORTS: 12211,13212,14266,15085,15926

GABRIEL RESOURCES INC.

GEOLOGY REPORT ON THE YARDLEY LAKE PROPERTY, CARIBOO MINING DIVISION BRITISH COLUMBIA NTS 93G/8

BY
SCOTT TOMLINSON, B.Sc.

DECEMBER 1988

CLAIMS WORKED

CLAIM NAME	UNITS	RECORD NO.	ANNIVERSARY DATE
G 3	20	3210	MARCH 13
G 4	20	3211	MARCH 13
G 13	20	3220	MARCH 13
G 15	20	3222	MARCH 16

LOCATION: 53°22'N LATITUDE / 122°25'W LONGITUDE
OWNER: GABRIEL RESOURCES INC.
OPERATOR: GABRIEL RESOURCES INC.
PROJECT GEOLOGIST: SCOTT TOMLINSON, B.Sc., MARK MANAGEMENT LTD.

SUMMARY

Gabriel Resources' Yardley Lake property is comprised of 23 Modified Grid claims consisting of 442 units in the Cariboo Mining Division. The mineral claims are centered 15 kilometres southeast of Hixon, in central British Columbia. Access is by logging roads originating near Hixon.

Initial work in the Hixon Creek area during the late 1800's and early 1900's concentrated on placer operations and limited development on quartz veins. More recently, exploration by several companies in the late 1960's and early 1970's centered on porphyry copper and molybdenum potential.

In 1981, the present property was optioned from the A.T. Syndicate by Gabriel Resources Inc. Since then, Gabriel has initiated several field programmes, conducting geological, ground geophysical, and geochemical surveys, and trenching. In 1986, 1,407 metres was diamond drilled in 13 holes. Work in 1987 included an airborne survey, an induced polarization geophysical survey, and six diamond drill holes totalling 707 metres. Work on the nearby Ahbau Creek property has delineated a possible 50,000 tons of ore grading 8.5 grams/tonne gold.

The 1988 work program investigated magnetic lows, possibly genetically related to the placer gold, outlined by the 1987 airborne survey. It consisted of detailed heavy mineral concentrate sampling, 22 soil samples over a small grid, rock chip sampling, and detailed mapping.

The heavy mineral concentrates assayed very high, with visible gold in many samples, but they were not conclusive in delineating the source of the gold. The soil and rock chip samples returned no significant assays.

Based on encouraging results of the 1988 geochemical surveys, further work is needed to determine if the airborne anomallies are genetically related to the placer gold.

TABLE OF CONTENTS

FIGURES

TABLES

APPENDIX

1. INTRODUCTION

The Yardley Lake property is a precious metal prospect located near Hixon, British Columbia. Gabriel Resources Inc. holds, by way of an option agreement, 44 claims comprising 804 units on two non-contiguous blocks between Prince George and Quesnel.

Historically, work in the area concentrated on placer gold and auriferous quartz veins. In the late 1960's - early 1970's, several companies explored the vicinity for porphyry copper and molybdenum potential.

After Gabriel optioned the claims in 1981, several field programmes were initiated; these include a detailed airborne geophysical survey, geological, geochemical, and geophysical surveys, trenching, and a diamond drilling programme in 1987.

In 1988, from July 15 to 27, a small programme consisting of geochemical sampling and geological mapping was carried out to test the economic potential of several airborne geophysical anomallies delineated by the 1987 survey.

1.1 LOCATION AND ACCESS

The mineral claims are situated east of the Fraser River, straddling Highway 97, 15 kilometres southeast of the town of Hixon (FIGURE 1). The claims lie within an area $53^{o}20'$ to $53^{o}30'$ North latitude and $122^{o}20'$ to $122^{o}30'$ West longitude. They are covered by NTS claim sheets 93G/7 East and 93G/8 West.

Access to the main area of work is by 15 kilometres of all weather gravel road heading east from the Hixon railroad overpass.

1.2 PHYSICAL FEATURES

The claims feature gently rolling topography, typical of the Interior Plateau, and elevations generally do not exceed 900 metres above sea level. The area is tree covered, except for logged areas, and major drainages flow west to the Fraser River. Deeply incised canyons are prevalent along some of the major drainages.

Glacial deposits of gravel, sand, and clay obscure bedrock over much of the area covered by the claims, and best exposures are confined to low hills and areas adjacent to

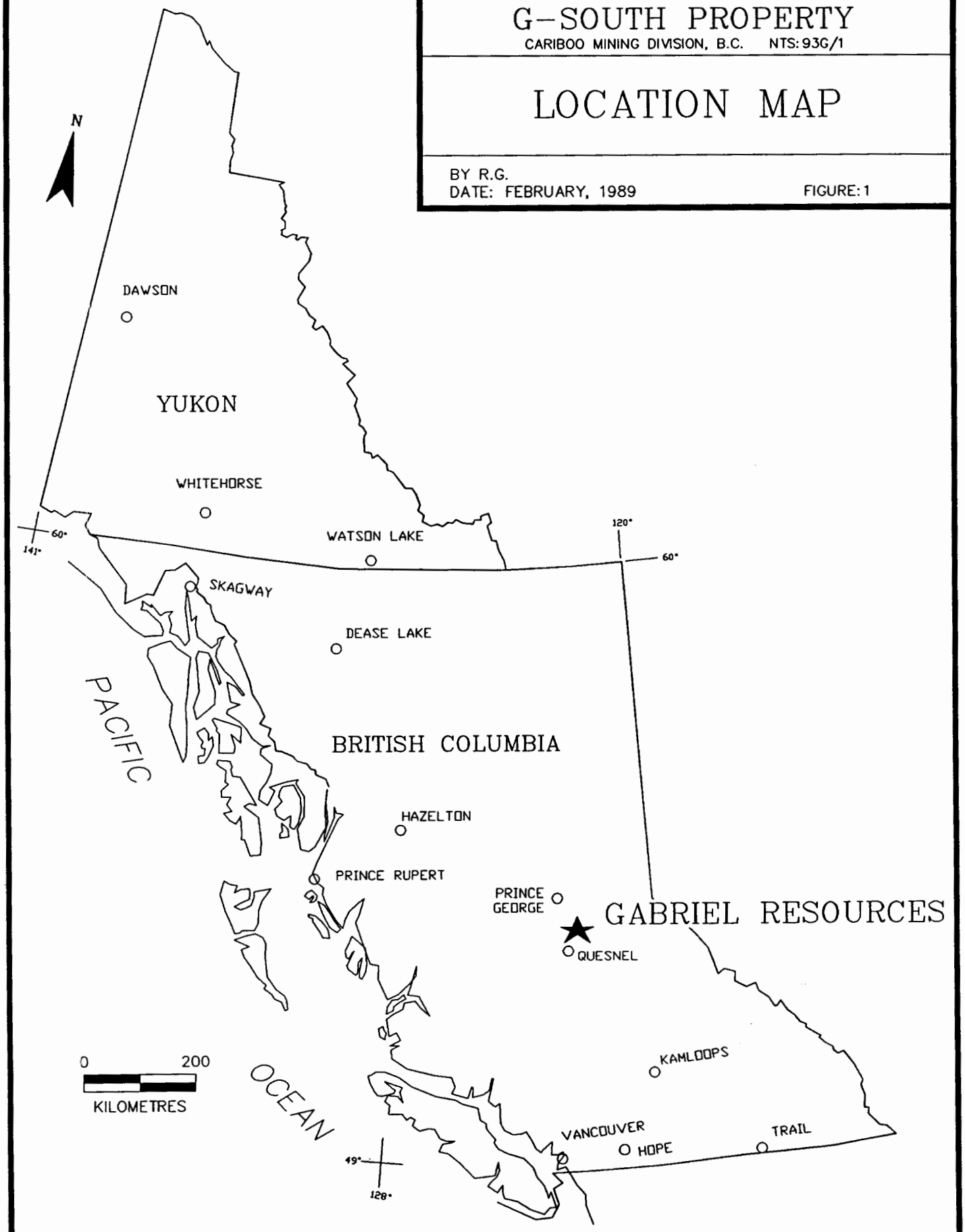
GABRIEL RESOURCES INC.

G-SOUTH PROPERTY

CARIBOO MINING DIVISION, B.C. NTS: 93G/1

LOCATION MAP

BY R.G.
DATE: FEBRUARY, 1989 FIGURE: 1



major drainages. Direction of movement of the last glacial episode was approximately north - south.

1.3 CLAIM INFORMATION

The Yardley Lake property (FIGURE 2) consists of 23 Modified Grid claims totalling 442 units. Disposition of the claims is as follows:

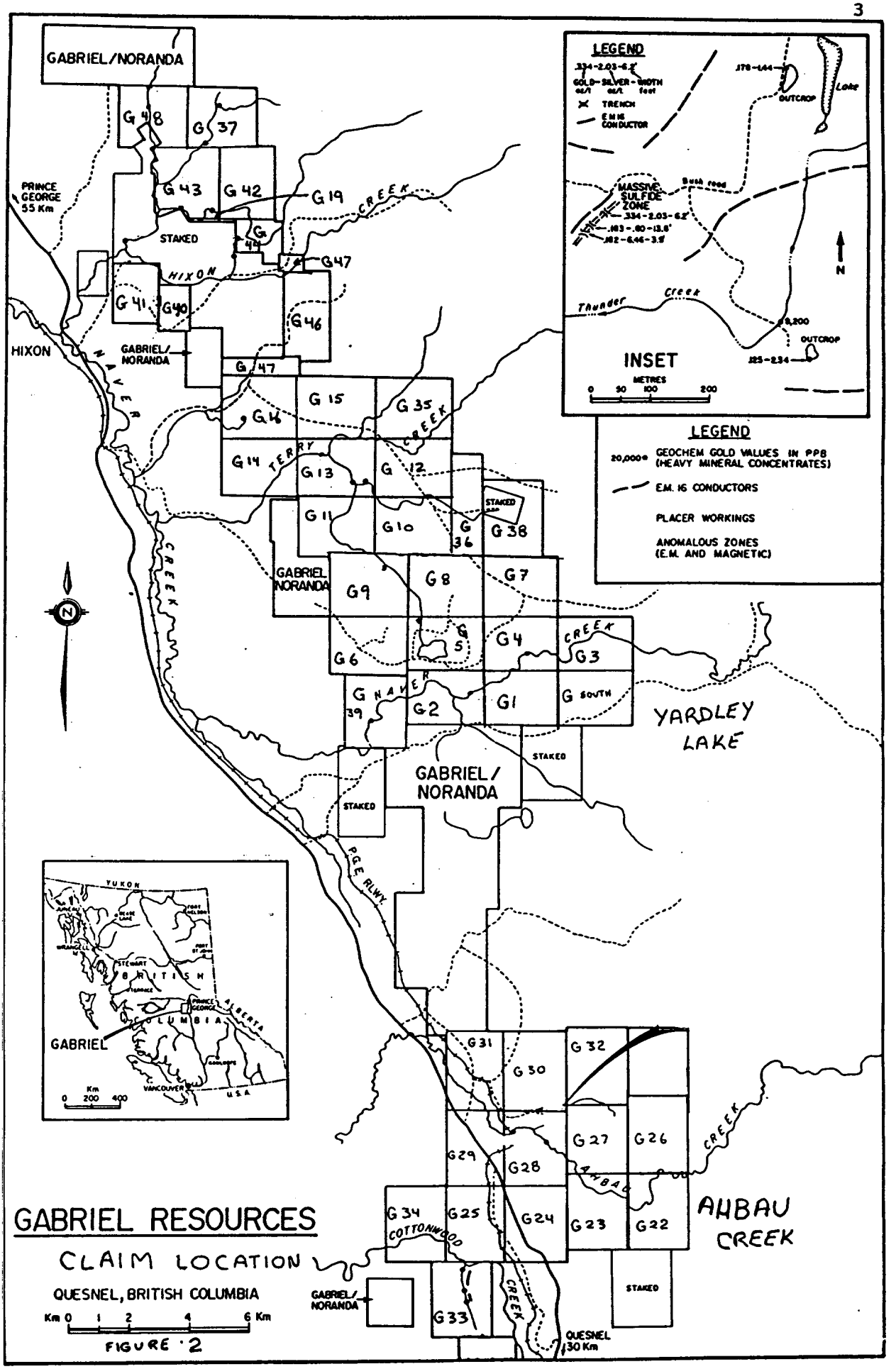
TABLE - CLAIM STATUS

CLAIM NAME	UNITS	RECORD NO.	DATE
G SOUTH	20	3196	MARCH 12
G 1	20	3197	MARCH 12
G 2	20	3209	MARCH 13
G 3	20	3210	MARCH 13
G 4	20	3211	MARCH 13
G 5	20	3212	MARCH 16
G 6	20	3213	MARCH 16
G 7	20	3214	MARCH 16
G 8	20	3215	MARCH 16
G 9	20	3216	MARCH 16
G 10	20	3217	MARCH 16
G 11	20	3218	MARCH 16
G 12	20	3219	MARCH 16
G 13	20	3220	MARCH 13
G 14	20	3221	MARCH 16
G 15	20	3222	MARCH 16
G 16	20	3223	MARCH 13
G 17	10	3224	MARCH 16
G 35	20	3636	JUNE 15
G 36	14	3637	JUNE 15
G 38	20	3852	JULY 23
G 39	20	3853	JULY 23
G 46	18	4020	SEPT 23

1.4 HISTORY

Earliest work in the area of the present claims was directed toward placer gold. Most of the major creeks have been worked by placer operations; Hixon Creek was originally tested in the 1860's coincident with the Cariboo Gold Rush.

Gold-bearing quartz veins along Hixon Creek, 6 kilometres northeast of the settlement of Hixon, have been sporadically explored since the early 1900's. Limited production in the 1930's included 2250 tons yielding 206 ounces gold and 224 ounces silver.



GABRIEL RESOURCES

CLAIM LOCATION

QUESNEL, BRITISH COLUMBIA

Km 0 1 2 4 6 Km

FIGURE 2

In more recent years, exploration for porphyry copper and molybdenum has been conducted within and adjacent to some of the granitic intrusions in the present claims area. In the late 1960's, claims were located north of Ahbau Creek in an area now covered by the present Ahbau property. Massive sulfide mineralization was explored by Cariboo Minelands Ltd. (later Equatorial Resources Ltd.) in 1968 and 1969. Work done included bulldozer trenching, soil geochemistry, geophysical surveys, and diamond holes totalling 3,000 feet. Texas Gulf Sulphur acquired the property in 1971 and completed geological mapping, magnetic and electromagnetic surveys, and soil geochemistry prior to relinquishing the option. Equatorial Resources drilled 5 percussion holes totalling 1,530 feet in 1972.

1.5 PREVIOUS WORK

In 1980, the A.T. Syndicate conducted heavy mineral concentrate sampling of major drainages east of the Fraser River between Prince George and Quesnel. Results of the survey lead to staking of the present properties which were optioned from the Syndicate by Gabriel Resources Inc. in 1981.

In 1981, Gabriel conducted a programme over most of the property consisting of geological mapping , geochemical sampling, and a ground Very Low Frequency ElectroMagnetic (VLF-EM) geophysical survey over most of the property.

In 1985, Gabriel carried out additional heavy mineral concentrate sampling, soil and rock geochemistry, VLF-EM and magnetometer surveys, geological mapping, limited backhoe trenching, and an airborne INPUT EM and magnetic surveys over all of the claims.

In 1986, a total of 60 line kilometres of ground magnetic and horizontal loop EM surveys were completed over selected areas of the property. A total of 1,407 metres was diamond drilled, primarily over EM anomalies around Yardley Lake.

In 1987, a total of 707 metres in six holes of NQ size core was diamond drilled. Drill targets were primarily coincident induced polarization and magnetometer anomalies or geological structures. Assaying of the drill core returned sub-economic values. Also, a low-level airborne magnetic, electromagnetic, and VLF survey was flown.

1.6 1988 FIELD PROGRAMME

The 1988 programme was designed to test several geophysical anomalies outlined by the 1987 airborne survey. A total of 14 heavy mineral concentrate, 22 soil, and 4 rock chip samples were taken. Detailed geological mapping in areas adjacent to the anomalies was also undertaken. A total of 12 man days of field work was involved in this programme.

2. GEOLOGY

2.1 REGIONAL GEOLOGY

The properties included in the Gabriel Resources Inc. holdings are situated within the Quesnel Trough, a subdivision of the Intermontane Tectonic Belt (FIGURE 3). The Quesnel Trough, a northwest trending belt extending from north of Kamloops to north-central British Columbia, is comprised principally of Late Triassic to Lower Jurassic Takla Group basic to intermediate volcanic flows and pyroclastic rocks and argillaceous sedimentary rocks.

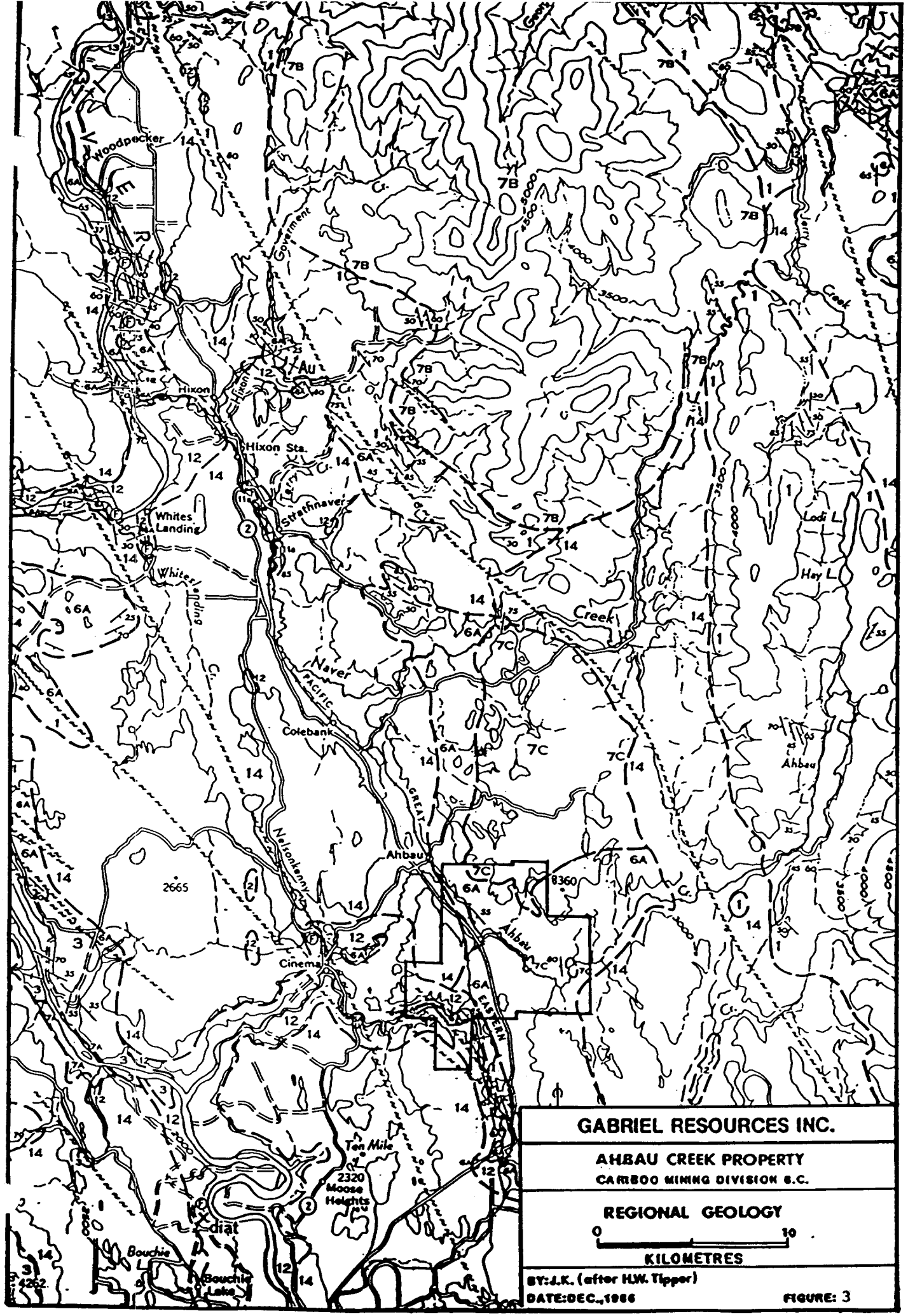
In the Prince George-Quesnel area, the Quesnel Trough is in fault contact on the east and west with Late Precambrian metasedimentary rocks and Paleozoic sediments and volcanics respectively. Lower Tertiary sediments and volcanics overlie older rocks along the Fraser River and its major tributaries.

Takla Group layered rocks are intruded by coeval alkalic stocks and plugs and by Early Cretaceous (Naver Intrusions) quartz monzonites and diorites which also intrude older layered rocks to the east.

Northwest block-faulting is the dominant structural style of the region.

Several styles of economic mineralization are recognized in the Quesnel Trough, including copper (gold) porphyry deposits developed in alkalic intrusive complexes, stratabound gold deposits hosted by propylitically altered sedimentary and fragmental volcanic rocks marginal to small alkalic intrusions, copper (gold) in massive sulphide lenses, and auriferous quartz veins.

Limited production has come from gold-bearing quartz veins in schistose Takla rocks near Hixon and molybdenum and tungsten mineralization occurs near the margins of early Cretaceous Naver Intrusions.



GABRIEL RESOURCES INC.

AHBAU CREEK PROPERTY

CARIBOO MINING DIVISION B.C.

REGIONAL GEOLOGY

0 — 10

KILOMETRES

BY: J.K. (after H.W. Tipper)

DATE: DEC., 1986

FIGURE: 3

Legend for Figure 4

CENOZOIC

QUATERNARY
PLEISTOCENE AND RECENT

14 — Till, gravel, sand, clay, and silt

TERTIARY
MIOCENE AND/OR LATER
ENDAKO GROUP

13 — Basalt, andesite, related tuff and breccia

MIOCENE (?)

12 — Conglomerate, sandstone, mudstone, lignite, and diatomite

PALEOCENE (?) TO OLIGOCENE

11 — Andesite, basalt, breccia, and tuff; 11a, minor sediments

10 — Rhyolite, dacite, trachyte, related tuff and breccia; minor sediments

9 — Andesite, basalt, breccia, and tuff; minor rhyolite

MESOZOIC

JURASSIC
MIDDLE JURASSIC
HAZELTON GROUP (in part)

8 — Green to dark grey andesite and basalt, related pyroclastic rocks, chert-pebble conglomerate, argillite, and greywacke

LOWER JURASSIC AND (?) LATER

7 — 7A. *TOPLEY INTRUSIONS*: granodiorite, quartz diorite, diorite, biotite granite
7B. Quartz monzonite, monzonite, and granite; minor diorite
7C. Granodiorite, diorite, granite, minor gabbro

TRIASSIC AND JURASSIC
UPPER TRIASSIC (?) AND LOWER JURASSIC (?)

6 — 6A. Eastern group: argillite, greywacke, green, grey, black, purple andesite and basalt and related tuffs and breccias; minor conglomerate and limestone
6B. Western group: chert-pebble conglomerate, red, brown, and black shale, greywacke; minor purple to green andesite

TRIASSIC
POST-PERMIAN, PRE-UPPER TRIASSIC (?)

5 — Serpentinized peridotite, serpentinite

PALAEOZOIC

PENNSYLVANIAN (?) AND PERMIAN
CACHE CREEK GROUP

3 | 4 — 3. Black to dark grey ribbon chert, black argillite.
4. Green to black basic volcanic rocks, grey limestone; minor argillite and chert; 4a, mainly grey limestone

MISSISSIPPIAN (?)
SLIDE MOUNTAIN GROUP

2 — Grey and buff chert, argillite, basalt and related pyroclastic rocks; 2a, diabase

CAMBRIAN AND/OR LATER
LOWER CAMBRIAN AND/OR LATER
CARIBOO GROUP

1 — Grey micaceous quartzite, black to dark grey phyllite and argillite; minor grey limestone

Geological boundary (defined, approximate or assumed)

Bedding (inclined, vertical, overturned)

Schistosity (inclined)

Fault (defined, approximate, assumed)

Anticline (defined, approximate)

Syncline (defined, approximate)

Glacial striae

Fossil locality

Mineral occurrence — x Cu

MINERAL SYMBOLS

Asbestos . . . asb	Gold . . . . . Au
Copper . . . . . Cu	Manganese . . . Mn
Diatomite . . . diat	

Geology by H. W. Tipper, 1959-1960

2.2 PROPERTY GEOLOGY

The Yardley Lake and Ahbau properties are primarily underlain by Mesozoic Takla Group volcanic and sedimentary rocks intruded by Early Cretaceous granitic dykes and stocks. Early Tertiary sediments overlie Takla rocks in the southwest parts of the Yardley Lake and Ahbau claim blocks. Late Precambrian metasedimentary rocks occur east of and in fault contact with a large (10 kilometres long) northwest trending quartz diorite dyke on the Yardley property east of Yardley and Lord Lakes.

Northwest striking Takla Group basaltic flows, tuffs, and breccias, interlayered with a thick sequence of black graphitic shales and siltstones occupy the central part of the Yardley Lake property.

A large (1 kilometre wide by 10 kilometres long) quartz diorite-quartz monzonite, multi-zoned intrusive forms the eastern boundary of the Takla Group. The rocks in this dyke were thought to be related in time and genesis to the Early Cretaceous granites of the Naver Batholith which covers the southeast corner of the claim block. Some questions now exist as to the exact relationship between these bodies. The eastern contact of the dyke has undergone extensive shearing with silica and carbonate metasomatism.

In fault contact with the eastern boundary of the dyke lie phyllitic greenstones. These metasediments and metavolcanics are thought to be Kaza Group, Late Precambrian to Lower Cambrian in age.

Heavy mineral concentrate samples, taken from Terry and Tom Creeks, yielded a number of anomalous gold values in the 10,000 ppb to 30,000 ppb range. The anomalous samples are located at the junction of northeast trending structures or topographic lineaments and the large quartz monzonite-quartz diorite dyke mentioned above.

Massive sulphide mineralization, with 50,000 drill indicated tonnes grading 8.5 grams/tonne in gold, is known in the lower Ahbau Creek area within the present claims.

3. GEOCHEMISTRY

3.1 HEAVY MINERAL CONCENTRATE SAMPLES

Heavy mineral concentrate samples were taken along Naver Creek at eight sites 500 metres apart, and along a northern tributary at six sites 250 metres apart (FIGURE 4). Terry and Tom Creeks have both been previously sampled in detail.

At each site, an average of 20 kilograms was taken from an area in the stream which appeared to be a good heavy sediment trap (i.e. the high energy portions of the active channel). The samples were wet sieved to minus 10 mesh and then panned down to approximately 500 grams of mostly heavy minerals.

The samples were then sent to Chemex Labs Ltd. in North Vancouver where they were further concentrated by heavy liquid separation and magnetic mineral separation. The non-magnetic fraction was pulverized to minus 200 mesh and analysed for Au by the Fire Assay-Neutron Activation Analysis (FA-NAA) method and for 32 elements by the Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES) technique.

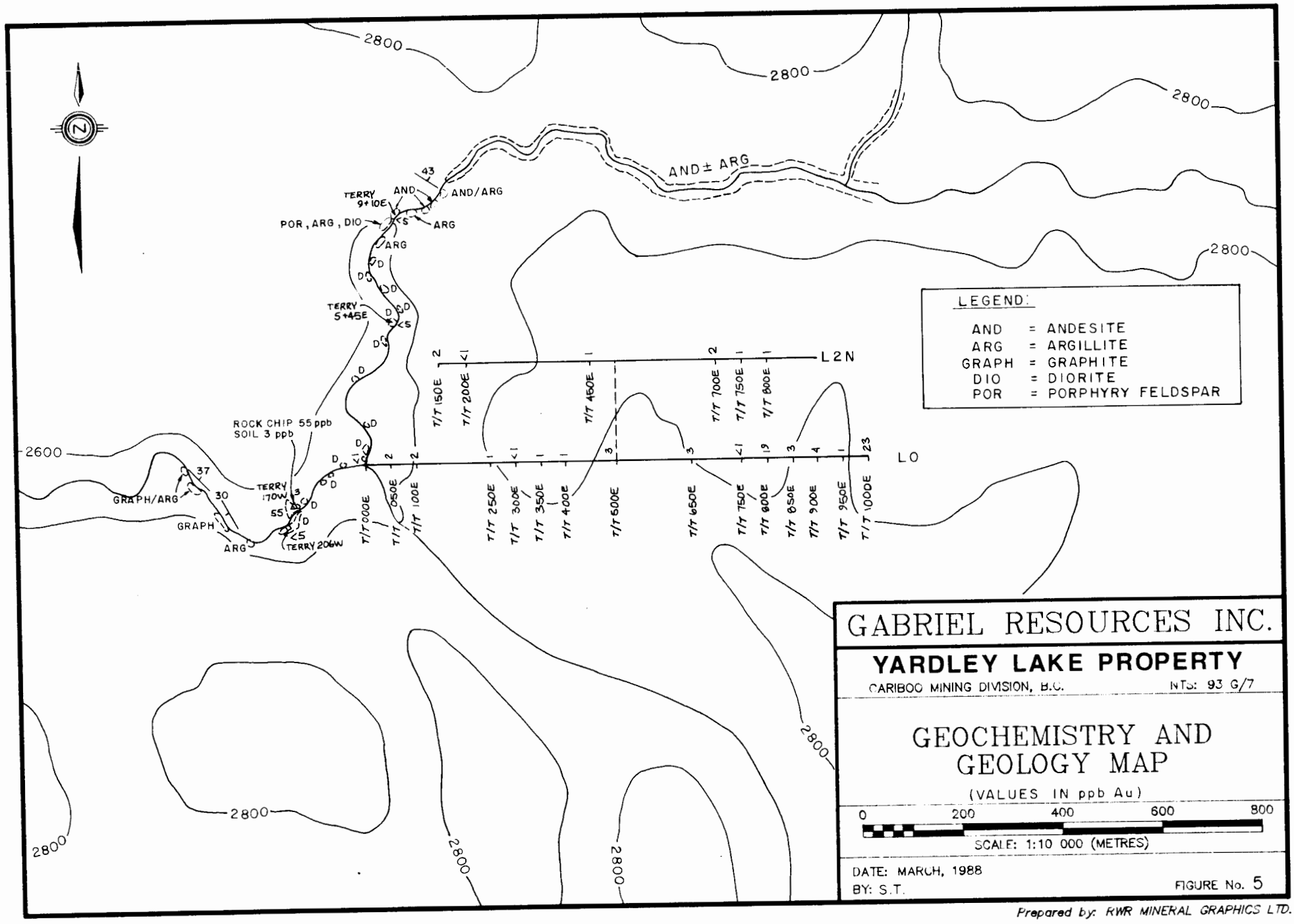
Assay results are shown in the Appendix. The assays indicate that Naver Creek carries gold along the length sampled, and the source must be further upstream. Gold flakes, observed while panning, confirm this by being slightly rounded. The assays from the northern tributary of Naver Creek suggest that a source may be near where the tributary forks, approximately 800 metres upstream from the tributary's confluence with Naver Creek.

3.2 SOIL SAMPLES

A total of 22 soil samples were taken in the area of Terry and Tom Creeks (FIGURE 5). Twenty one samples were from a grid 1.8 line-kilometres long, and one sample was from a well developed soil zone near an iron oxide stained outcrop.

Stations were set at 50 metre intervals along the the two grid lines. All soil samples were collected from the "B" soil horizon, which averaged 25 centimetres below the surface. A large amount of till material was encountered which prohibited taking samples at every station of the grid.

The samples were sent to Chemex Labs, where they were oven dried and sieved to minus 80 mesh, and the fine fraction then pulverised and analysed. Gold was analysed using the



GABRIEL RESOURCES INC.

YARDLEY LAKE PROPERTY

CARIBOO MINING DIVISION, B.C. NTS: 93 G/7

GEOCHEMISTRY AND GEOLOGY MAP

(VALUES IN ppb Au)

0 200 400 600 800

SCALE: 1:10 000 (METRES)

DATE: MARCH, 1988

BY: S.T.

FIGURE No. 5

Prepared by: RWR MINERAL GRAPHICS LTD.

FA-NAA method, and 32 elements were analysed by the ICP-AES method.

Assay results are presented in the Appendix. Gold values are low, although there are some significant arsenic values. This may be due to the thick overburden that covers the area.

3.3 ROCK CHIP SAMPLES

Four rock chip samples were taken near the confluence of Terry and Tom Creeks (FIGURE 5). They were taken from outcrops along Terry Creek that showed signs of mineralization.

Sample TERRY 2+06W was from an iron oxide stained, 2 metre wide shear zone. TERRY 1+70W was from a diabase with 5% pyrite. TERRY 5+45E is from a 10 cm wide rusty zone within a felsite. Lastly, TERRY 9+10E is from a 1-2 cm quartz vein. All of the samples were selected from the most mineralized sections.

The samples were sent to Chemex Labs, where they were crushed to minus 200 mesh. Gold was analysed by using the Fire Assay - Atomic Absorption method, and 32 additional elements were analysed using the ICP-AES technique.

Assay results are shown in the Appendix. Assays were low, although the sample of the pyritiferous diabase (Terry 1+70W) ran 55 ppb.

4. CONCLUSIONS

On Naver Creek, two possible sources of the placer gold were outlined. One is upstream from the area sampled. The other is near the fork on the northern tributary. Along Naver Creek, the rock is mostly granitic, while the northern tributary has an argillite/andesite sequence.

On Terry Creek, the confluence of Terry and Tom Creeks is a good target area, as there was a rock chip sample which carried low gold values. The confluence is mostly underlain by diabase, with sediments downstream along Terry Creek, and argillites and andesites upstream.

Respectfully submitted,

Scott Tomlinson, B.Sc.

REFERENCES

Butterworth, B.P., Ridley, J.C., Troup, A., 1984: Report on the G-South Property, Cariboo Mining Division, Geology, Geophysics and Geochemistry, Private Report for Gabriel Resources Inc.

Butterworth, B.P., Freeze, J.C., Troup, A., 1985: Geology, Geophysical and Geochemical Report on the Yardley Lake Property, Cariboo Mining Division, Private Report for Gabriel Resources Inc.

Carter, N.C., 1985: Geological Report on the Government Creek, Yardley Lake and Ahbau Properties, Cariboo Mining Division, British Columbia.

Lechow, W.R., 1987: Report on Combined Helicopter Borne Magnetic, Electromagnetic and VLF Survey, Private Report for Gabriel Resources Inc.

Kowalchuk, J.M., Jan. 1987: Diamond Drilling Report on the Yardley Lake Property, Private Report for Gabriel Resources Inc.

Ministry of Energy Mines and Petroleum Resources, B.C., Annual Report, 1933, p.A118, 1968, p.151, Geology Mining and Exploration in B.C., 1969, p.161, 1971, p.161, 1972, p.349

Newell, J.M., Podolsky, G. 1971: Geology, Geochemical and Geophysical Report - Thunder and Kim Claims, B.C. Ministry of Energy Mines and Petroleum Resources Assessment Report 3385

Newton, D., March 1987: Diamond Drilling Report on the Yardley Lake Property, Cariboo Mining Division, Private Report for Gabriel Resources Inc.

Ridley, J.C., Troup, A., 1982: G South Property, Cariboo Mining Division, Geological, Geophysical and Geochemical Report, Private Report for Gabriel Resources Inc.

Tipper, H.W., 1961: Prince George, British Columbia, Geological Survey of Canada Map 49-1960

Tipper, H.W., Campbell, R.B., Taylor, G.C., Stott, D.F., 1979: Parsnip River, B.C., Geological Survey of Canada Map 1424A

Troup, A., Freeze, J.C., Butterworth, B.P., 1985: Report on Ahbau Creek Property, Cariboo Mining Division, Geology, Geophysics, Geochemistry, Private Report for Gabriel Resources Inc.

STATEMENT OF QUALIFICATIONS

SCOTT TOMLINSON, B.Sc.

ACADEMIC

1983	B.Sc. Geology	University of British Columbia

PROFESSIONAL

1988	Mark Management Ltd. Vancouver, B.C.	Project Geologist on diamond drilling programme on Vancouver Island.
1987 1986	Mark Management Ltd. Vancouver, B.C.	Assistant Project Geologist on geological, geophysical, geochemical, and diamond and rotary drilling programme in the Yukon.
1985	Gewargis Geological Consulting Vancouver, B.C.	Geologist on geological, geophysical, geochemical, and drilling programmes in B.C. and California.
1984 1983	Mark Management Ltd. Vancouver, B.C.	Geologist on geological, geophysical, and geochemical programmes in northern B.C.

SUMMER EMPLOYMENT

1982	B.C. Hydro	Senior Assistant
1981	Mark Management	Junior Assistant

COST STATEMENT
GABRIEL RESOURCES INC.
G-SOUTH CLAIMS
July 11 - December 31, 1988.

GENERAL COSTS

Food & accommodation,2Pers,33mdays @ $28.74		$ 948.47
Shipping		19.40
Supplies		267.99
Fuel		259.82
Rentals		
Gabriel 4WD Blazer,16days @ $55	$880.00	
Ezekiel field equipment,33mdays @ $6	198.00	1,078.00
Consultant Fees		
Archean Engineering Ltd.		1,070.00
Adder Development Ltd.		100.00
Satellite Photo and Interpretation		
W.T. Dawson		698.10
Report Preparation		1,868.76
TOTAL GENERAL COSTS		$6,310.54

LINE SURVEY COST

Salaries & wages,2Pers,3mdays @ $108.89	$ 326.66
Benefits @ 20%	65.33
General costs apportioned 3/33 x $6,310.54	573.69
TOTAL LINE SURVEY COST	$ 965.68

GEOLOGICAL MAPPING COST

Salaries & wages,2Pers,15mdays @ $104.00	$1,559.97
Benefits @ 20%	311.99
General costs apportioned 15/33 x $6,310.54	2,868.43
TOTAL GEOLOGICAL MAPPING COST	$4,740.39

GEOCHEMICAL SURVEY COST

Salaries & wages,2Pers,15mdays @ $104.00		$1,559.97
Benefits @ 20%		311.99
Assays & analyses - Chemex Labs.		
28 HMCs for Au+32 element ICP @ $29.50	$826.00	
22 Soils for Au+32 element ICP @ $15.50	341.00	
5 racks for Au+32 element ICP @ $17.75	88.75	1,255.75
General costs apportioned 15/33 x $6,310.54		2,868.43
TOTAL GEOCHEMICAL SURVEY COST		$5,996.14

COST SUMMARY

LINE SURVEY	$ 965.68
GEOLOGICAL MAPPING	4,740.39
GEOCHEMICAL SURVEY	5,996.14
TOTAL	$11,702.21

CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

A8820081

Comments: ATTN: ART TROUP CC: SCOTT TOMLINSON

CERTIFICATE A8820081

MARK MANAGEMENT LIMITED
PROJECT : GBI/AHB
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-AUG-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	5	Rock Geochem: Crush,split,ring
238	5	ICP: Aqua regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	5	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
921	5	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	5	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	5	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	5	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	5	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	5	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	5	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	5	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	5	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	5	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	5	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	5	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	5	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	5	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	5	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	5	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	5	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	5	Mn ppm: 32 element, soil & rock	ICP-AES	1	10000
938	5	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	5	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	5	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	5	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	5	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	5	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	5	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	5	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	5	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	5	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	5	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	5	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	5	W ppm: 32 element, soil & rock	ICP-AES	5	10000
950	5	Zn ppm: 32 element, soil & rock	ICP-AES	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To : MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : GBI/AHB
Comments: ATTN: ART TROUP CC: SCOTT TOMLINSON

Page No. : 1-A
Tot. Pgs: 1
Date : 9-AUG-88
Invoice # : I-8820081
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820081

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	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
AHB 12+75N 3+50W	205	238	< 5	3.64	1.4	130	< 10	< 0.5	< 2	0.14	< 0.5	96	44	276	>15.00	< 10	< 1	0.02	< 10	1.88	1710
TERRY 5+45E	205	238	< 5	1.32	< 0.2	50	1580	< 0.5	< 2	0.77	< 0.5	56	78	135	14.70	< 10	< 1	0.16	10	0.76	8170
TERRY 9+10E	205	238	< 5	1.49	0.2	5	900	< 0.5	< 2	0.69	< 0.5	21	175	55	5.33	< 10	< 1	0.06	< 10	0.99	711
TERRY 1+70W	205	238	55	2.00	< 0.2	15	140	< 0.5	2	2.60	< 0.5	17	11	130	2.97	< 10	< 1	0.20	< 10	0.51	423
TERRY 2+06W	205	238	< 5	1.84	0.2	20	90	< 0.5	< 2	2.11	< 0.5	38	45	221	6.05	< 10	< 1	0.19	< 10	1.32	758

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To : MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : GBI/AHB
Comments: ATTN: ART TROUP CC: SCOTT TOMLINSON

Date : 9-AUG-88
Invoice # : I-8820081
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820081

SAMPLE DESCRIPTION	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
AHB 12+75N 3+50W	205	238	3	< 0.01	23	860	14	5	14	7	0.02	< 10	< 10	139	< 5	56
TERRY 5+45E	205	238	< 1	0.02	40	1000	8	5	11	139	0.13	< 10	< 10	221	< 5	35
TERRY 9+10E	205	238	< 1	0.01	24	510	< 2	< 5	16	120	0.20	< 10	< 10	119	< 5	42
TERRY 1+70W	205	238	3	0.05	7	3080	12	< 5	8	90	0.11	< 10	< 10	98	< 5	30
TERRY 2+06W	205	238	5	0.03	45	2130	< 2	5	12	77	0.17	< 10	< 10	150	5	47

CERTIFICATION : B. Caglio

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

A8820082

Comments: ATTN: ART TROUP CC: SCOTT TOMLINSON

CERTIFICATE A8820082

MARK MANAGEMENT LIMITED
PROJECT : GBI/AHB
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-AUG-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	22	Dry, sieve -80 mesh; soil, sed.
238	22	ICP: Aqua regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
101	22	Au ppb: Fuse 10 g sample	FA-NAA	1	10000
921	22	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	22	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	22	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	22	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	22	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	22	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	22	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	22	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	22	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	22	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	22	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	22	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	22	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	22	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	22	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	22	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	22	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	22	Mn ppm: 32 element, soil & rock	ICP-AES	1	10000
938	22	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	22	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	22	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	22	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	22	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	22	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	22	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	22	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	22	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	22	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	22	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	22	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	22	W ppm: 32 element, soil & rock	ICP-AES	5	10000
950	22	Zn ppm: 32 element, soil & rock	ICP-AES	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To : MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : GBI/AHB
Comments: ATTN: ART TROUP CC: SCOTT TOMLINSON

Date : 11-AUG-88
Invoice # : I-8820082
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820082

SAMPLE DESCRIPTION	PREP CODE		Au NAA ppb	Al %	Ag ppm	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
TERRY 1+70W	201	238	3	1.82	1.2	80	310	< 0.5	< 2	0.69	< 0.5	27	49	175	14.55	< 10	< 1	0.30	10	0.81	541
T/T 00+00E	201	238	< 1	1.17	0.2	30	80	< 0.5	2	0.51	< 0.5	16	74	27	3.13	< 10	< 1	0.09	30	0.61	410
T/T 00+50E	201	238	2	1.97	0.2	20	150	< 0.5	2	0.57	< 0.5	18	85	43	3.44	< 10	< 1	0.10	10	0.88	580
T/T 01+00E	201	238	2	1.94	0.2	35	160	< 0.5	2	0.73	< 0.5	22	102	45	3.74	< 10	1	0.15	20	0.91	233
T/T 02+50E	201	238	1	2.39	0.2	40	160	< 0.5	< 2	0.40	< 0.5	19	84	42	4.43	< 10	3	0.09	10	0.73	251
T/T 03+00E	201	238	< 1	2.33	< 0.2	25	180	< 0.5	< 2	0.35	< 0.5	16	72	23	3.91	< 10	< 1	0.08	10	0.57	202
T/T 03+50E	201	238	1	2.00	< 0.2	20	100	< 0.5	< 2	0.34	< 0.5	18	59	28	3.08	< 10	< 1	0.08	10	0.59	279
T/T 04+00E	201	238	1	1.64	0.4	< 5	70	< 0.5	2	0.38	< 0.5	13	50	20	2.40	< 10	1	0.13	10	0.65	284
T/T 05+00E	201	238	3	2.09	0.4	< 5	120	< 0.5	< 2	0.37	0.5	18	75	30	3.87	< 10	< 1	0.08	10	0.61	273
T/T 06+50E	201	238	3	1.79	0.4	10	170	< 0.5	2	0.38	0.5	23	72	38	3.59	< 10	< 1	0.10	10	0.68	468
T/T 07+50E	201	238	< 1	2.08	0.4	15	150	< 0.5	< 2	0.39	0.5	18	68	31	3.55	< 10	< 1	0.09	10	0.68	371
T/T 08+00E	201	238	19	1.71	0.4	< 5	80	< 0.5	2	0.36	1.0	16	58	26	3.20	< 10	< 1	0.06	10	0.54	245
T/T 08+50E	201	238	3	1.80	0.4	25	80	< 0.5	< 2	0.33	< 0.5	15	50	20	2.70	< 10	< 1	0.06	10	0.45	193
T/T 09+00E	201	238	4	1.76	0.2	5	70	< 0.5	< 2	0.26	< 0.5	12	62	28	2.79	< 10	< 1	0.07	10	0.62	185
T/T 09+50E	201	238	1	1.52	0.2	< 5	80	< 0.5	2	0.31	< 0.5	11	53	26	2.49	< 10	< 1	0.05	10	0.54	194
T/T 10+00E	201	238	23	1.15	0.2	< 5	70	< 0.5	< 2	0.34	0.5	2	36	9	1.35	< 10	< 1	0.05	10	0.41	129
T/T L2N 1+50E	201	238	2	1.85	< 0.2	< 5	100	< 0.5	4	0.70	0.5	22	98	49	3.34	< 10	< 1	0.18	10	1.04	682
T/T L2N 2+00E	201	238	< 1	1.64	< 0.2	10	120	< 0.5	< 2	0.42	0.5	15	54	28	3.15	< 10	< 1	0.13	10	0.59	398
T/T L2N 4+50E	201	238	1	2.18	0.4	< 5	110	0.5	2	0.40	0.5	14	66	32	3.15	< 10	< 1	0.08	10	0.69	248
T/T L2N 7+00E	201	238	2	1.46	< 0.2	5	90	< 0.5	< 2	0.28	< 0.5	11	43	18	2.44	< 10	< 1	0.05	10	0.45	179
T/T L2N 7+50E	201	238	1	1.71	< 0.2	10	80	< 0.5	2	0.39	< 0.5	16	61	24	2.97	< 10	< 1	0.07	10	0.58	226
T/T L2N 8+00E	201	238	1	1.83	< 0.2	< 5	80	< 0.5	< 2	0.31	0.5	14	84	18	2.73	< 10	< 1	0.06	10	0.58	207

CERTIFICATION : BC

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To : MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : GBI/AHB
Comments: ATTN: ART TROUP CC: SCOTT TOMLINSON

Page : 1-B
Tot. Pages: 1
Date : 11-AUG-88
Invoice # : I-8820082
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820082

SAMPLE DESCRIPTION	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
TERRY 1+70W	201	238	8	0.15	29	4670	20	5	11	162	0.11	< 10	< 10	144	< 5	46
T/T 00+00E	201	238	1	0.01	38	850	10	< 5	5	32	0.14	< 10	< 10	76	< 5	40
T/T 00+50E	201	238	1	0.01	54	770	16	< 5	8	43	0.16	< 10	< 10	83	< 5	60
T/T 01+00E	201	238	< 1	0.01	50	710	10	5	11	49	0.18	< 10	< 10	128	< 5	60
T/T 02+50E	201	238	4	< 0.01	46	1980	16	< 5	5	28	0.16	< 10	< 10	97	< 5	171
T/T 03+00E	201	238	1	< 0.01	39	3430	2	< 5	5	27	0.15	< 10	< 10	81	< 5	109
T/T 03+50E	201	238	1	< 0.01	44	850	2	< 5	4	24	0.15	< 10	< 10	65	< 5	78
T/T 04+00E	201	238	< 1	0.01	32	590	4	< 5	4	26	0.17	< 10	< 10	58	< 5	50
T/T 05+00E	201	238	2	< 0.01	41	1320	4	< 5	5	26	0.17	< 10	< 10	96	< 5	72
T/T 06+50E	201	238	3	< 0.01	45	1410	12	< 5	5	27	0.14	< 10	< 10	82	5	109
T/T 07+50E	201	238	3	0.01	37	2060	< 2	< 5	5	25	0.16	< 10	< 10	77	5	176
T/T 08+00E	201	238	2	< 0.01	33	580	10	< 5	4	29	0.15	< 10	< 10	75	< 5	71
T/T 08+50E	201	238	1	< 0.01	32	690	4	< 5	4	22	0.15	< 10	< 10	57	< 5	64
T/T 09+00E	201	238	2	< 0.01	33	430	2	< 5	5	21	0.14	< 10	< 10	65	< 5	67
T/T 09+50E	201	238	2	< 0.01	31	450	2	< 5	4	26	0.14	< 10	< 10	62	< 5	58
T/T 10+00E	201	238	< 1	< 0.01	17	430	12	< 5	3	23	0.16	< 10	< 10	39	< 5	40
T/T L2N 1+50E	201	238	< 1	0.01	54	1080	8	< 5	6	44	0.15	< 10	< 10	71	< 5	58
T/T L2N 2+00E	201	238	1	< 0.01	33	730	6	< 5	4	32	0.16	< 10	< 10	80	< 5	52
T/T L2N 4+50E	201	238	1	0.01	45	1060	12	< 5	5	27	0.16	< 10	< 10	73	< 5	84
T/T L2N 7+00E	201	238	< 1	0.01	24	1080	4	< 5	3	18	0.15	< 10	< 10	58	< 5	66
T/T L2N 7+50E	201	238	2	0.01	40	1140	8	< 5	3	24	0.16	< 10	< 10	71	< 5	64
T/T L2N 8+00E	201	238	1	< 0.01	54	860	10	< 5	4	20	0.15	< 10	< 10	63	< 5	64

CERTIFICATION : BC

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

A8820182

Comments: ATTN: ART TROUP CC: SCOTT TOMLINSON

CERTIFICATE A8820182

MARK MANAGEMENT LIMITED
PROJECT : GBI/AHB
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 10-SEP-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
213	28	Heavy mineral separation SG 2.96
238	28	ICP: Aqua regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
101	28	Au ppb: Fuse 10 g sample	FA-NAA	1	10000
921	28	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	28	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	28	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	28	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	28	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	28	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	28	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	28	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	28	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	28	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	28	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	28	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	28	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	28	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	28	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	28	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	28	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	28	Mn ppm: 32 element, soil & rock	ICP-AES	1	10000
938	28	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	28	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	28	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	28	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	28	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	28	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	28	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	28	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	28	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	28	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	28	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	28	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	28	W ppm: 32 element, soil & rock	ICP-AES	5	10000
950	28	Zn ppm: 32 element, soil & rock	ICP-AES	5	10000

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : GBI/AHB
Comments: ATTN: ART TROUP CC: SCOTT TOMLINSON

Page No. :1-A
Tot. Pages: 1
Date :10-SEP-88
Invoice # :I-8820182
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8820182

SAMPLE DESCRIPTION	PREP CODE		Au NAA ppb	Al %	Ag ppm	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
NAVER TRB 0+50N	213	238	5	1.35	0.2	< 5	50	< 0.5	6	1.42	0.5	34	133	52	5.63	10	2	0.07	110	0.51	585
NAVER TRB 2+50N	213	238	>10000	1.39	0.6	25	70	< 0.5	2	1.57	0.5	34	73	38	6.02	20	< 1	0.07	180	0.51	693
NAVER TRB 5+00N	213	238	>10000	1.46	0.2	30	60	< 0.5	10	1.76	1.0	36	114	55	6.72	30	< 1	0.08	200	0.52	588
NAVER TRB 7+50N	213	238	7100	1.54	10.8	5	50	< 0.5	< 2	1.50	0.5	26	102	39	4.82	10	1	0.08	60	0.60	537
NAV 0+00E	213	238	>10000	1.75	0.2	20	50	< 0.5	< 2	1.97	< 0.5	29	128	39	5.56	40	2	0.06	270	0.54	753
NAV 2+50E	213	238	3410	1.97	0.2	20	50	< 0.5	< 2	2.15	0.5	23	120	28	4.54	20	1	0.08	130	0.68	609
NAV 5+00E	213	238	1235	2.45	0.2	< 5	60	< 0.5	36	2.78	0.5	28	138	27	4.87	40	< 1	0.08	300	0.72	770
NAV 10+00E	213	238	7900	2.37	0.2	5	50	< 0.5	14	2.33	< 0.5	21	161	17	4.77	40	2	0.05	320	0.62	1325
NAV 15+00E	213	238	>10000	2.32	0.4	15	60	< 0.5	178	2.25	< 0.5	24	173	23	5.68	30	< 1	0.05	200	0.59	1530
NAV 20+00E	213	238	10	2.50	0.2	< 5	60	0.5	134	2.81	< 0.5	12	113	10	3.12	50	1	0.05	390	0.65	719
NAV 25+00E	213	238	3390	2.79	0.2	5	70	0.5	8	3.53	< 0.5	11	138	9	2.75	60	< 1	0.07	450	0.70	592
NAV 2+50W	213	238	14	2.21	0.2	5	60	< 0.5	< 2	2.29	0.5	22	117	27	4.22	10	< 1	0.09	80	0.69	862
NAV 5+00W	213	238	>10000	2.01	15.0	55	70	< 0.5	6	1.91	< 0.5	37	145	46	6.57	30	< 1	0.06	220	0.58	1620
AHB 2+00N	213	238	273	2.04	2.2	105	40	< 0.5	< 2	2.30	< 0.5	86	131	1840	5.17	10	1	0.06	70	0.67	594
AHB 0+50E	213	238	>10000	2.01	16.6	85	50	< 0.5	8	2.25	< 0.5	28	157	25	5.13	20	< 1	0.04	150	0.55	1120
AHB 2+00E	213	238	2020	1.82	0.2	< 5	40	< 0.5	2	2.29	< 0.5	16	120	33	3.02	20	< 1	0.03	110	0.52	540
AHB 4+00E	213	238	>10000	1.68	0.8	10	70	< 0.5	2	1.96	< 0.5	20	177	21	3.33	20	5	0.03	150	0.50	524
AHB 6+00E	213	238	>10000	1.96	85.6	35	120	< 0.5	260	2.22	< 0.5	29	182	21	4.74	10	2	0.04	90	0.54	867
AHB 8+00E	213	238	>10000	2.06	0.6	< 5	130	< 0.5	< 2	2.41	< 0.5	18	121	19	3.23	10	< 1	0.04	50	0.61	662
AHB 9+30E	213	238	9870	2.19	0.2	< 5	50	< 0.5	< 2	2.55	< 0.5	13	141	18	4.11	20	< 1	0.04	150	0.55	1115
AHB 12+00E	213	238	6030	2.10	0.4	25	40	< 0.5	< 2	2.14	< 0.5	18	133	17	4.58	10	< 1	0.03	80	0.55	1300
AHB 14+00E	213	238	5640	1.94	1.2	20	100	< 0.5	< 2	1.89	< 0.5	15	132	15	3.88	10	< 1	0.04	50	0.59	941
AHB 16+00E	213	238	7810	2.11	0.2	20	40	< 0.5	< 2	1.90	< 0.5	20	163	19	4.99	10	< 1	0.03	40	0.53	1645
AHB 18+00E	213	238	4700	2.09	0.2	5	60	< 0.5	< 2	1.97	< 0.5	15	146	17	4.29	10	< 1	0.03	50	0.56	1310
AHB 20+00E	213	238	>10000	2.27	3.4	< 5	50	< 0.5	4	2.36	< 0.5	15	127	16	4.18	20	< 1	0.05	150	0.61	852
AHB 22+00E	213	238	>10000	2.11	0.8	25	50	< 0.5	< 2	1.99	< 0.5	14	164	19	4.41	10	< 1	0.04	60	0.56	1350
AHB 24+00E	213	238	6350	2.06	6.4	20	50	< 0.5	< 2	2.06	< 0.5	14	112	14	3.28	10	1	0.05	40	0.64	794
AHB 30+00E	213	238	5970	1.78	0.2	< 5	40	< 0.5	10	1.94	< 0.5	11	118	6	2.69	50	1	0.03	410	0.47	874

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To : MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : GBI/AHB
Comments: ATTN: ART TROUP CC: SCOTT TOMLINSON

Date : 10-SEP-88
Invoice # : I-8820182
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820182

SAMPLE DESCRIPTION	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
NAVER TRB 0+50N	213	238	6	0.04	45	1180	30	< 5	7	85	0.28	< 10	< 10	92	50	90
NAVER TRB 2+50N	213	238	< 1	0.04	39	1520	< 2	< 5	7	91	0.31	< 10	< 10	100	160	99
NAVER TRB 5+00N	213	238	6	0.05	45	1950	6	< 5	7	101	0.39	< 10	< 10	112	320	112
NAVER TRB 7+50N	213	238	4	0.05	45	1020	10	< 5	6	91	0.33	< 10	< 10	91	60	82
NAV 0+00E	213	238	5	0.04	38	1270	16	< 5	9	113	0.40	< 10	< 10	111	50	72
NAV 2+50E	213	238	3	0.06	49	980	6	< 5	8	120	0.43	< 10	< 10	104	55	71
NAV 5+00E	213	238	2	0.06	44	1370	6	< 5	9	112	0.50	< 10	< 10	112	80	57
NAV 10+00E	213	238	2	0.05	31	930	24	< 5	12	71	0.43	< 10	< 10	103	245	45
NAV 15+00E	213	238	3	0.04	36	1010	12	< 5	12	68	0.42	< 10	< 10	99	230	52
NAV 20+00E	213	238	3	0.04	19	910	< 2	< 5	9	82	0.42	< 10	< 10	95	165	43
NAV 25+00E	213	238	4	0.06	22	1030	2	< 5	10	115	0.60	< 10	< 10	112	15	41
NAV 2+50W	213	238	4	0.07	43	830	12	< 5	8	164	0.42	< 10	< 10	109	10	76
NAV 5+00W	213	238	2	0.04	46	1220	30	< 5	11	95	0.37	< 10	< 10	102	230	62
AHB 2+00N	213	238	1	0.05	59	1030	28	< 5	7	89	0.56	< 10	< 10	100	70	65
AHB 0+50E	213	238	3	0.04	24	1130	18	< 5	10	94	0.48	< 10	< 10	113	130	48
AHB 2+00E	213	238	< 1	0.03	19	890	22	5	7	86	0.40	< 10	< 10	98	5	38
AHB 4+00E	213	238	1	0.04	20	1010	240	< 5	6	72	0.33	< 10	< 10	95	175	38
AHB 6+00E	213	238	4	0.04	25	780	14	< 5	8	83	0.40	< 10	< 10	115	230	45
AHB 8+00E	213	238	1	0.04	23	880	10	< 5	7	87	0.39	< 10	< 10	98	5	42
AHB 9+30E	213	238	< 1	0.04	20	740	14	< 5	11	103	0.48	< 10	< 10	116	5	39
AHB 12+00E	213	238	< 1	0.04	19	770	< 2	< 5	9	79	0.41	< 10	< 10	105	< 5	44
AHB 14+00E	213	238	< 1	0.04	22	820	2	< 5	7	68	0.36	< 10	< 10	90	20	44
AHB 16+00E	213	238	1	0.03	25	680	< 2	< 5	9	67	0.36	< 10	< 10	95	30	45
AHB 18+00E	213	238	< 1	0.03	21	720	< 2	< 5	9	70	0.39	< 10	< 10	101	5	43
AHB 20+00E	213	238	1	0.05	20	840	< 2	< 5	9	90	0.41	< 10	< 10	106	15	46
AHB 22+00E	213	238	1	0.04	21	640	8	< 5	9	71	0.39	< 10	< 10	101	10	49
AHB 24+00E	213	238	1	0.04	21	700	< 2	< 5	7	69	0.31	< 10	< 10	88	5	43
AHB 30+00E	213	238	< 1	0.03	11	710	8	< 5	8	44	0.37	< 10	< 10	69	15	33

CERTIFICATION : B. Caughlin

Sandanger Creek

uTp
Cz
εKgd
ar
qtz
G 7
G 3
G SOUTH
S T
3500
3400
3300
3200
3100
3000
P.L. 7047
P.L. 7048
GP 25
GP 26
GP 27
GP 21
GP 20
uTJTf
2
43
44
45
46
47
48
Mary Lake
Pangut Lake
Hudson Lake

KEY

SHEET 1	
SHEET 2	SHEET 3

LEGEND:

ROCK TYPES

and,f,t,bc	ANDESITE, FLOW, TUFF, BRECCIA
ar	ARGILLITE
ch	CHERTS (MOSTLY BEDDED)
c	CONGLOMERATES
gd,m	GRANODIORITE, MONZONITE
g,apl	GRANITE, APLITE
um	PYROXINITE – SERPENTINITE
qtz	QUARTZ (VEINS AND PODS)
cach,mach,tach	SCHIST – CHLORITE, MICA, TALC
slst–mdst	SILTSTONE – MUDSTONE
Ps	PLEISTOCENE SEDIMENTS
gs	GRANITIZED SEDIMENTS

TERTIARY
MPs — SANDSTONE, SHALE, CONGLOMERATE, DIATOMITE, LIGNITE

EARLY CRETACEOUS – NAVER INTRUSIONS
εKgd — QTZ. MONZONITE, GRANODIORITE, QTZ. DIORITE, MINOR GRANITE, SYENITE, GABBRO, PYROXENITE

Cz — CONTACT METAMORPHIC ZONE – MICA SCHIST, GRANITIZED SEDIMENTS

UPPER TRIASSIC – LOWER JURASSIC
uTJr — TAKLA GROUP: ANDESITE, (b)BASALT, (f)FLOW, (t)TUFF, (bc)BRECCIA, (c)CONGLOMERATE, GREYWACKE, (ar)ARGILLITE, LIMESTONE

UPPER TRIASSIC
uTp — BLACK PHYLLITE, SILTSTONE, LIMESTONE, QUARTZITE, SERPENTINIZED PERIDOTITE & SERPENTINITE (uTpa)

SYMBOLS
JOINTS – STRIKE & DIP (INCLINED, VERTICAL)
BEDDING – STRIKE & DIP (INCLINED, VERTICAL)
FOLIATION – STRIKE & DIP
FRACTURE – STRIKE & DIP
CLEAVAGE – STRIKE & DIP
FOLD AXIS & PLUNGE
FAULT ZONE
OUTCROP
GP 27 — GEOLOGICAL STATION NUMBER
Au ppb / NAV 3000E — 1988 H.M.C. SAMPLE

GABRIEL RESOURCES INC.
YARDLEY LK PROPERTIES
G SOUTH & G CLAIMS – CARIBOO M.D. – B.C.

GEOLOGICAL MAP

SCALE 1:10,000

DATE JANUARY 1989
NTS 93-G-7&8 J.C.R. / r.w.r MAP 4