

LOG NO.	1101	NO.
FILE NO.		

REPORT OF WORK
 PROSPECTING AND SOIL GEOCHEMICAL SURVEYS
 ON THE
 GASPARD LAKE PROPERTY

N.T.S. 920/7,10

Latitude 51° 30' N Longitude 122° 45' W

Fame 1, Fortune 1
 Gas 1-9, 11, 14-20

CLINTON MINING DIVISION
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

19,251

Owner : B.K. Bowen and A.C. Gordon
 Operator : B.K. Bowen and A.C. Gordon
 Commodity : Au.
 Author : B.K. Bowen, P.Eng.
 Geologist
 Surrey, B.C.
 Date : October 24, 1989

*B. K. Bowen
 Oct. 24/89.*

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1.0

SUMMARY

The Gaspard Lake Property, consisting of 360 units in 19 claims, is located in the Blackdome Mountain area of south-central B.C. The property is jointly owned by B.K. Bowen and A.C. Gordon.

The property was optioned to Canamax Resources Inc. in February, 1988. In May and October, 1988, Canamax carried out a limited diamond drilling program and completed various ancillary work. The property was returned to the vendors in March 1989.

During portions of May, June and July, 1989, Bowen and Gordon carried out additional work in several widespread areas on the property. Prospecting was carried out over an area of about 30 square kilometres. New Au showings were hand trenched, geologically mapped and chip sampled. Reconnaissance soil sampling was completed in selected areas. A total of 128 rock chip and grab, 127 soil, 1 precipitate and 7 silt samples were collected. An air photo lineament study was also completed on the northwest and southeast portions of the property.

The claims are underlain by Jurassic andesite and by younger plutons of granodiorite and granite. These rock types are overlain by small patches of Tertiary mafic and felsic volcanics. Extensive drift covers 99% of the property.

Work done prior to 1989 by Canamax and the vendors had led to the discovery of 4 Au showings which are related to 3 separate lineaments. Anomalous to economically significant Au and Ag values have been obtained from drusy, quartz vein breccia structures. Prospecting has been hindered by the recessive nature of the mineralized zones and by overburden cover.

In 1989, a significant new prospect was located about 700 metres southwest of the Discovery Showing. At the Twilight Zone, drusy

quartz vein breccias and stockworks occur in at least 4 separate, north - east trending mineralized structures across an exposed zone width of about 60 metres. One quartz vein breccia structure has a measurable width of about 1.3 metres and carries Au values up to 1860 ppb across 0.7 metre. The zone is open in all directions. Mineralization is hosted by a dacite unit of probable Tertiary age.

Further prospecting carried out in the Discovery Showing area has enhanced it considerably. Additional mineralized quartz vein breccia occurrences were found in float and in outcrop at several localities. Mineralized float has now been found over an area measuring about 100 to 400 metres wide by 850 metres long.

Reconnaissance soil sampling on the Gas 20 claim has identified an area of interest measuring about 600 metres east-west by 300 metres north-south. It contains sporadic Au and Hg anomalies with values up to 13 ppb and 200 ppb respectively. The area is entirely drift covered.

The air photo lineament study showed that the dominant lineament directions in the northwest and southeast portions of the property are northeast and northwest, with a subsidiary set trending east-northeast. The northeasterly trending Kelsch Lineament is the most important feature that has been recognized to date. Three Au showings with vein attitudes paralleling the lineament occur along about 1.6 kilometres of its length. It can be traced for several kilometres.

2.0

CONCLUSIONS

The setting of volcanic hosted, epithermal veins, breccias and stockworks at Gaspard Lake is similar to that at Blackdome Mine located 25 kilometres to the southeast. The geological similarities of these two properties, plus the widespread occurrences of gold, indicate excellent potential for the discovery of bonanza style, epithermal mineralization similar to the Blackdome multiple vein deposit. An additional possibility is the discovery of "bulk" mineralization amenable to low cost open pit mining.

At the Discovery Showing, limited shallow drill testing carried out by Canamax failed to intersect any significant Au values. The drill holes, which intersected very little quartz vein breccia, do not adequately explain the widespread occurrence of mineralized float in the area. It appears likely that the main float source remains undetected.

The Kelsch, Double Diamond, Twilight and Gas 1 showings remain only partially explored and have not received any backhoe trenching nor diamond drilling to date (with the exception of the single drill hole at Kelsch). Further work in these areas is definitely warranted.

The gold-bearing kaolinized granodiorite on the Gas 1 claim is similar in several respects to that at Omni Resource's recent Goddell Discovery in the Wheaton River area of southwestern Yukon. At Goddell, depth testing of a large clay alteration zone with several associated Sb showings yielded a high grade intercept which assayed 0.61 ounces per ton Au over 11.3 metres. The mineralization occurs in a quartz veinlet stockwork adjacent to an andesite dike swarm cutting kaolinized granodiorite. The Gas 1 area may have similar depth potential.

Low order Au and Hg soil anomalies detected in reconnaissance work on

the Gas 18-20 claims warrant more detailed follow-up.

The air photo lineament study was a valuable aid to prospecting work and emphasized the important relationship between northeasterly striking lineaments and spatially related areas of epithermal Au mineralization.

3.0

RECOMMENDATIONS

It is recommended that:

- (1) Backhoe trenching be carried out in all known showings areas, including the Discovery Zone.
- (2) All trenches be geologically mapped and that exposed mineralized structures and adjacent wallrocks be chip sampled. All samples should be geochemically analyzed for Au, Ag and As.
- (3) Detailed grids (50 to 100 m by 25 m spacing) be established:
 - (a) between the existing Gas 1 and Discovery - Kelsch grid areas.
 - (b) to the northeast of these grid areas, along the permissive trend of northeasterly lineaments which extends through the Gas 2 and 3 claims.
 - (c) to the southeast of these grid areas, along the same permissive trend which extends through the Fame 1 and Gas 4 and 6 claims.
 - (d) in the Gas 18-20 claims area, specifically along Little Gaspard Lineament and also in the Au-Hg anomalous area on Gas 20.
- (4) All grids be geologically mapped, prospected and soil sampled. Soil samples should be geochemically analyzed for Au, As and Hg.
- (5) Geophysical test work be carried out over known showings. Preliminary, cost effective methods might include ground magnetics and VLF-EM surveys.
- (6) Diamond drilling be carried out on higher priority targets.

B. H. Bower
Oct. 24/89

4.0

INTRODUCTION

4.1

Location and Access

The Gaspard Lake Property is located near Gaspard Lake in south-central B. C., 85 kilometres southwest of Williams Lake. The property is 25 kilometres northwest of the Blackdome Mine, is centered on co-ordinates 51° 30' N/ 122° 45' W and occupies portions of NTS mapsheets 920/7 and 10 (see Figure 1).

Access to the claims is from Williams Lake via Highway 20 and a system of logging roads which lead south from Riske Creek. Alternatively, access is from Clinton via the Blackdome Mine road and a connector through the Gang Ranch. Travel distances from Williams Lake and Clinton are about 110 and 130 kilometres respectively.

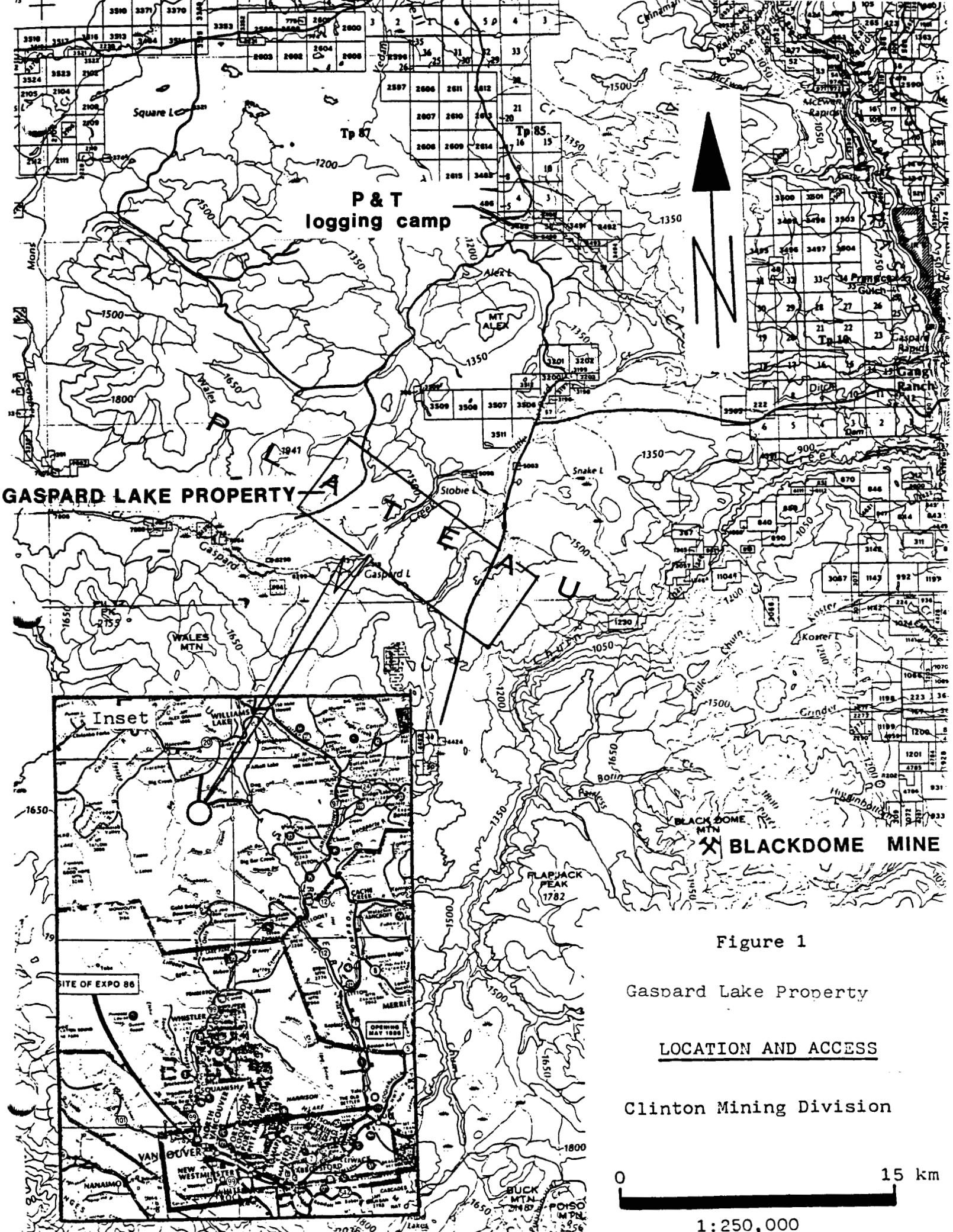
Room and board is available at the P & T (Pinette and Therrien) logging camp which is located about 15 kilometres northeast of the property.

4.2

Claims and Physiography

The Gaspard Lake property consists of the following claims:

<u>Name of Claim</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Month of Record</u>
Fame 1	20	2147	February
Fortune 1	20	2489	December
Gas 1	20	2551	March
Gas 2	20	2552	"
Gas 3	20	2553	"
Gas 4	16	2554	"
Gas 5	16	2555	"
Gas 6	16	2556	"
Gas 7	20	2557	"
Gas 8	12	2558	"



P & T
logging camp

GASPARD LAKE PROPERTY

BLACKDOME MINE

Figure 1

Gaspard Lake Property

LOCATION AND ACCESS

Clinton Mining Division



1:250,000

<u>Name of Claim</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Month of Record</u>
Gas 9	20	2559	March
Gas 11	20	2561	"
Gas 14	20	2564	"
Gas 15	20	2565	"
Gas 16	20	2566	"
Gas 17	20	2567	"
Gas 18	20	2654	"
Gas 19	20	2655	"
Gas 20	<u>20</u>	2656	"
Total units: 360			

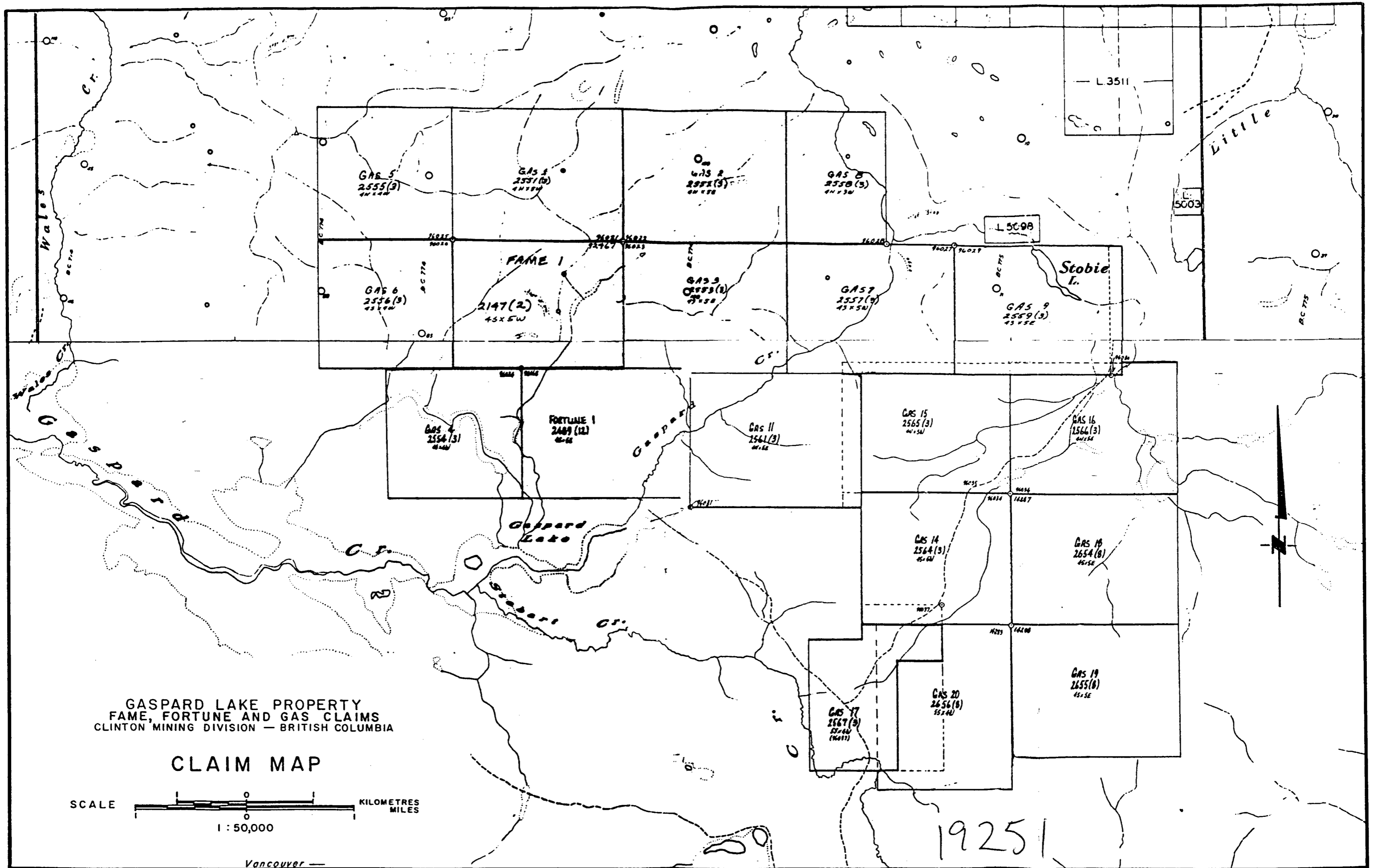
Together these claims cover an area of about 9000 hectares or about 22,140 acres (see Figure 2). The property is jointly owned by B.K. Bowen and A.C. Gordon.

The terrain is relatively flat, heavily drift covered and vegetated with open stands of pine. Elevations range from 1400 to 1600 metres. Except for Gaspard Creek, drainages are small, slow moving and intermittent.

4.3 History and Development

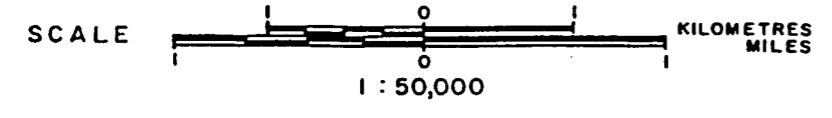
A gold-bearing alteration zone in a logging road cut was discovered by B. Bowen in September 1986. In 1987, follow-up on this by B. Bowen and fellow prospector, A. Gordon, led to the discovery and staking of the Gaspard Lake prospect. It yielded economically significant gold and silver values in a geological environment similar to that at Black-dome Mine.

The property was subsequently optioned to Canamax Resources Inc. In 1988, they carried out a program of additional staking, grid soil sampling, geological mapping, hand and limited backhoe trenching and 702 metres of NQ diamond drilling in 9 holes. The drilling, concen-



GASPARD LAKE PROPERTY
 FAME, FORTUNE AND GAS CLAIMS
 CLINTON MINING DIVISION — BRITISH COLUMBIA

CLAIM MAP



Vancouver —

trated mainly in the immediate area of the original discovery, failed to intersect any significant Au values. Surface work outside of the Discovery Zone located Au mineralization in two additional, widely - separated areas.

The property was returned to the vendors in March 1989.

4.4 Summary of 1989 Work

During the periods of May 23 to June 13, 1989 and July 18 to July 26, 1989, B.K. Bowen and A.C. Gordon carried out additional work in several widespread areas on the property. Prospecting work was carried out on the Fame 1, Fortune 1, Gas 1 to 7, 9, 11 and 14 to 20 claims. Some prospecting was also done north of the Gas 1, 2 and 5 claims. New Au showings located on the Fame 1 and Gas 1 claims were hand trenched, geologically mapped and chip sampled. Reconnaissance soil sampling was carried out on the Fortune 1 and Gas 18 to 20 claims. An air photo lineament study was also completed on the Fame 1, Fortune 1, Gas 1 to 7, 11, 14, and 17 to 20 claims.

The total area prospected is about 30 square kilometres. A total of 128 rock chip and grab, 127 soil, 1 precipitate and 7 silt samples were collected.

Purpose of the above work was: (1) to enhance known Au showings; (2) to locate new Au showings; (3) to satisfy assessment requirements on the Gas 18 to 20 claims which were due to expire in August, 1989; and (4) to generally prepare the property for re-vending so that higher priority targets can receive back-hoe trenching and diamond drill testing.

5.0 GEOLOGY

Regionally, the area is mainly underlain by flat-lying Tertiary volcanic rocks and an extensive cover of drift. Older rocks, including

Jurassic granodiorite, Jurassic volcanics and Cretaceous quartz monzonite, are exposed in uplifted areas. Major transcurrent and thrust faults strike northwest, whereas secondary faults commonly strike north-easterly (see Figure 3).

The property is underlain mainly by Middle Jurassic andesitic and pyroclastic volcanics which, in the northern portion of the claims, have been intruded by a batholith of granodiorite and by smaller bodies of granodiorite and granite through the rest of the claim group. These volcanic and intrusive rocks are cut by Tertiary mafic and flow-banded rhyolite dikes and are overlain by a small area of Eocene felsic tuff on the Fame 1 claim. A northeasterly striking fault through the Gas 18-20 claims separates Jurassic volcanics to the northwest from a variety of felsic to intermediate Tertiary volcanics to the southeast (see Figure 4).

6.0

MINERALIZATION

Work done prior to 1989 by Canamax and the vendors had led to the discovery of 4 Au showings which are related to 3 separate lineaments. The relative locations of the Discovery, Double Diamond, Kelsch and Gas 1 showings are shown on Figures 4 and 5. Mineralization is similar in type to that at Blackdome Mine. Prospecting has been hindered by the recessive nature of the mineralized zones and by overburden cover.

Values up to 14,800 ppb Au have been obtained from narrow northwest - trending zones of andesite - hosted, drusy, quartz vein breccias at the Discovery showing. Although limited shallow drill testing has returned no significant results, it should be noted that of 8 holes drilled, 4 were within an essentially barren, locally pyritic, clay breccia zone.

Similar quartz vein breccias at the Kelsch - Double Diamond Showings are up to 3 metres wide, exposed for 10 to 15 metres and open along

SEDIMENTARY AND VOLCANIC ROCKS

QUATERNARY

PLEISTOCENE AND RECENT

Qal Till, gravel, sand, clay, and silt

TERTIARY

UPPER MIOCENE AND/OR PLIOCENE

CHILCOTTIN GROUP

MPCv Olivine basalt, andesite; minor rhyolite tuff and breccia

MPCs Buff to gray siltstone, diatomite, clay and silty sand; coarse reddish brown conglomerate; minor ash beds and lignite

OLIGOCENE AND (?) LOWER MIOCENE

OMv Gray to brown, fine-grained to porphyritic and amygdaloidal andesite and basalt tuff, breccia, and flows; includes minor Ev

Eocene and Younger (?), Older (?)

Ev Rhyolitic and dacitic tuff, breccia, and flows; minor andesitic to basaltic rocks; may include minor OMv; includes small areas of Es along Fraser River

CRETACEOUS

UPPER CRETACEOUS (CAMPANIAN)

KINGSVALE GROUP

uKkv Vertically oriented andesitic, dacitic, basaltic pyroclastics; minor flows and volcanic sediments

uKks Interbedded siltstone, graywacke, conglomerate

JURASSIC

MIDDLE (BAJOCIAN) AND (?) LOWER JURASSIC

mdjv Green porphyritic andesite breccia, tuff and flows, minor argillaceous tuff

TRIASSIC

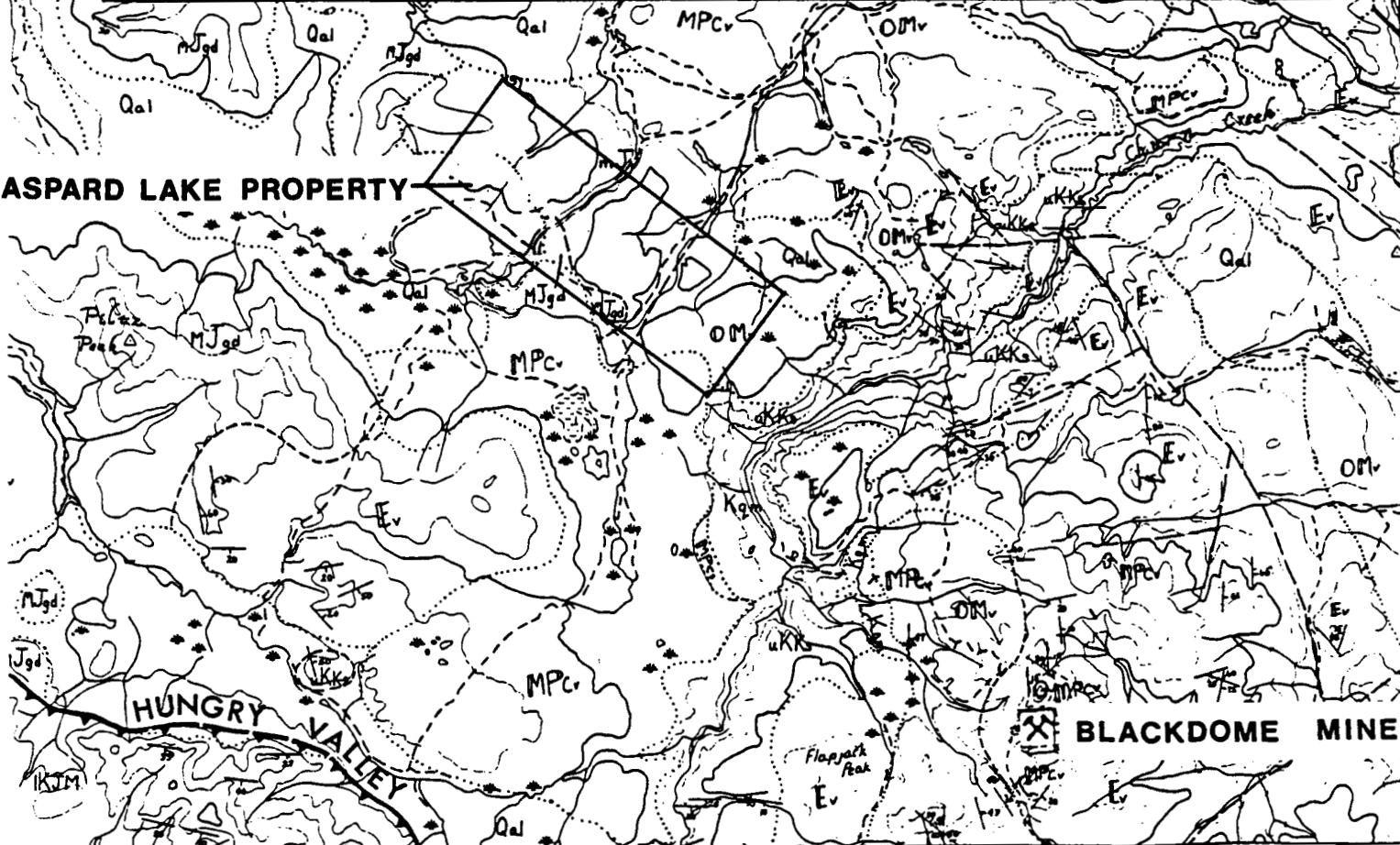
UPPER TRIASSIC

uTs (NORIAN) Massive gray limestone; minor pebble conglomerate, shale

uTsv (CARNIAN AND/OR NORIAN) Interbedded shale, graywacke, andesitic to basaltic volcanics



GASPARD LAKE PROPERTY



PLUTONIC ROCKS

CRETACEOUS LATE CRETACEOUS

Kqm Quartz monzonite; minor granodiorite

JURASSIC

MIDDLE (?) JURASSIC

Mjgd Gneissic granodiorite, diorite and quartz diorite

JURASSIC AND/OR OLDER

Jgd Granodiorite, diorite, inclusions of basic volcanic rocks

Figure 3

Gaspard Lake Property

REGIONAL GEOLOGY

Clinton Mining Division



1:250,000

strike, and carry Au values up to 3560 ppb Au over about one metre. Multiple vein structures are present across an inferred width of about 90 metres. A single drill hole under the Kelsch Showing failed to reach its target depth because of drilling difficulties.

On the Gas 1 claim, a 250 by 150 metre area containing zones of strongly kaolinized granodiorite with anomalous Au and As values up to 850 ppb and 1742 ppm respectively is close to a northeasterly striking lineament along which occurs a Au in soils anomalous area measuring about 800 by 200 metres.

Another area of interest on the property is a northeasterly - striking lineament through the Gas 18-20 claims which has associated with it stream sediment anomalies of 200 ppb Hg and 23 ppm As. These pathfinder elements suggest that the lineament may be yet another locus of epithermal Au mineralization. Additional prospecting targets on the property include several single - value Au in soil anomalies, up to 430 ppb, which occur on Canamax's recce soil grids.

7.0 AIR PHOTO LINEAMENT STUDY

7.1 Introductory Comments

It had been recognized earlier that Au showings at Gaspard Lake were associated with linear (fault) features. Prior to 1989 fieldwork, an air photo lineament study was undertaken in order to aid in the recognition of extensions to known favourable structures and possibly to lead to the discovery of others.

1986 B.C. government photos at a scale of 1:15,000 were used in the study. Significant linears are shown on Figure 4. Discussions of results for the northwest and southeast portions of the property are given below.

7.2 Discussion of Results

7.2.1 Northwest Portion of the Property

This area includes the Fame 1, Fortune 1, Gas 1 to 7 and Gas 11 claims within which all the known Au showings occur. Here, the dominant lineament directions are northeast and northwest, with a subsidiary set trending east-northeast.

The Kelsch Lineament is the most important northeast trending feature that has been recognized to date. It extends for several kilometres through the Gas 2 and Fame 1 claims and may persist beyond the western boundary of the Gas 4 claim. Three Au showings with vein attitudes paralleling the lineament occur along about 1.6 kilometres of its length.

Another important northeast trending feature is the Gas 1 lineament along which occurs the Gas 1 showing. This lineament can be traced to the northwest through the Gas 2 claim but its southwest projection is not obvious.

Other northeast lineament directions include a subtle feature through the northwest portion of the Fame 1 claim. The portion of Gaspard Creek that trends northeasterly from the outlet point of Gaspard Lake may also be a northeasterly lineament.

The Discovery Lineament is the most important northwest trending feature. It lies immediately to the east of a major northwest trending fault zone which appears to separate acid Tertiary volcanics to the west from more basic Jurassic volcanics to the east. The Discovery Showing occurs along and parallels the lineament.

7.2.2 Southeast Portion of the Property

This area includes the Gas 14 and Gas 17 to 20 claims. The dominant lineament directions are the same as those in the northwest portion of the property.

A feature recognized earlier is the Little Gaspard Lineament which has associated with it Hg and As stream sediment anomalies. Other north-east trending lineaments are present in the Gas 14 and 17 claims and near the eastern claim boundary of Gas 19.

Northwest and east-northeast trending lineaments are also present, but none are worthy of special mention at this time.

8.0 PROSPECTING

8.1 Data Presentation

1989 prospecting data is presented on two maps adapted from a previous Canamax report. These are: Property Geology and Geology, Fame 1 and Gas 1 Claims (Figures 4 and 5 respectively). Geological sketch maps of new Au showings are presented on Figures 6 to 9. The sample site and number of all rock samples is shown on the maps. All samples were geochemically analyzed for Au (acid leach - 10 gm) ± As (ICP) by Acme Labs of Vancouver, B.C. A complete set of analytical results is presented in Appendix I, which is supplemented by Rock Sample Reports in Appendix II. The latter is organized by area and follows closely the organizational format in Section 8.2.

8.2 Discussion of Results

Prospecting results are discussed under the several sub-headings that follow. Organizational format is by claim area, subordinated by areas of new Au showings within a given claim.

8.2.1 Fame 1 Claim - see Figure 5

Outside of specific showings areas discussed later, several results are worthy of mention. These are discussed below.

About 150 to 400 metres northeast of the Double Diamond Showing,

rock and float samples (9DG-37R and 38F) of green volcanics with minor quartz veining returned Au values of 17 and 18 ppb respectively. This weakly anomalous Au mineralization may be associated with the Kelsch Lineament.

Near the northern boundary of the Fame 1 claim, a large cobble of rusty, brecciated volcanic rock (9DG-44F) with a drusy quartz matrix returned values of 68 ppm As and 12 ppb Au. The anomalous As mineralization may be associated with a northeasterly trending lineament which projects through this area.

About 400 metres north of the Double Diamond showing, a brecciated volcanic rock (9DG-83F) with intense limonite and chalcedony veins returned a Au value of 19 ppb. This weakly anomalous Au mineralization may be associated with a structure that was not detected in the air photo lineament study.

8.2.1.1 Discovery Showing (Fame 1 Claim) - see Figure 5

Further prospecting was carried out in the Discovery Showing area in an attempt to locate additional mineralized quartz vein breccia occurrences.

Immediately east of the Discovery Lineament, near Line 74+00N, pieces of rusty quartz breccia were "plucked" from a rusty clay zone of unknown width and attitude. This sample (9DG-51R) returned a highly anomalous Au value of 8630 ppb. Wallrocks immediately to the south are relatively fresh andesite with drusy silica veinlets trending 032° / vertical.

About 100 metres northwest of 9DG-51R, sample 9DB-44R returned an anomalous value of 590 ppb Au. It was taken from a 5 to 8 cm wide rusty quartz breccia vein which strikes northwesterly and has a flat westerly dip. It would appear to be associated with the Discovery Lineament.

About 100 metres south of 9DG-51R, a 0.3 metre diameter sub-angular to sub-rounded float boulder of clay - altered volcanic rock contains numerous vuggy silica veinlets up to 5 cm across. The sample (9DB-45F) returned a highly anomalous value of 11,850 ppb Au.

Numerous quartz vein breccia float occurrences were found in an overburden covered area centered on grid station 70+00N /82+00E. The area is near the projected intersection of the Discovery and Kelsch Lineaments. The highest value obtained was 22,560 ppb Au from sample 9DB-46F.

8.2.1.2 Discovery North Showing (Fame 1 Claim) - see Figure 6

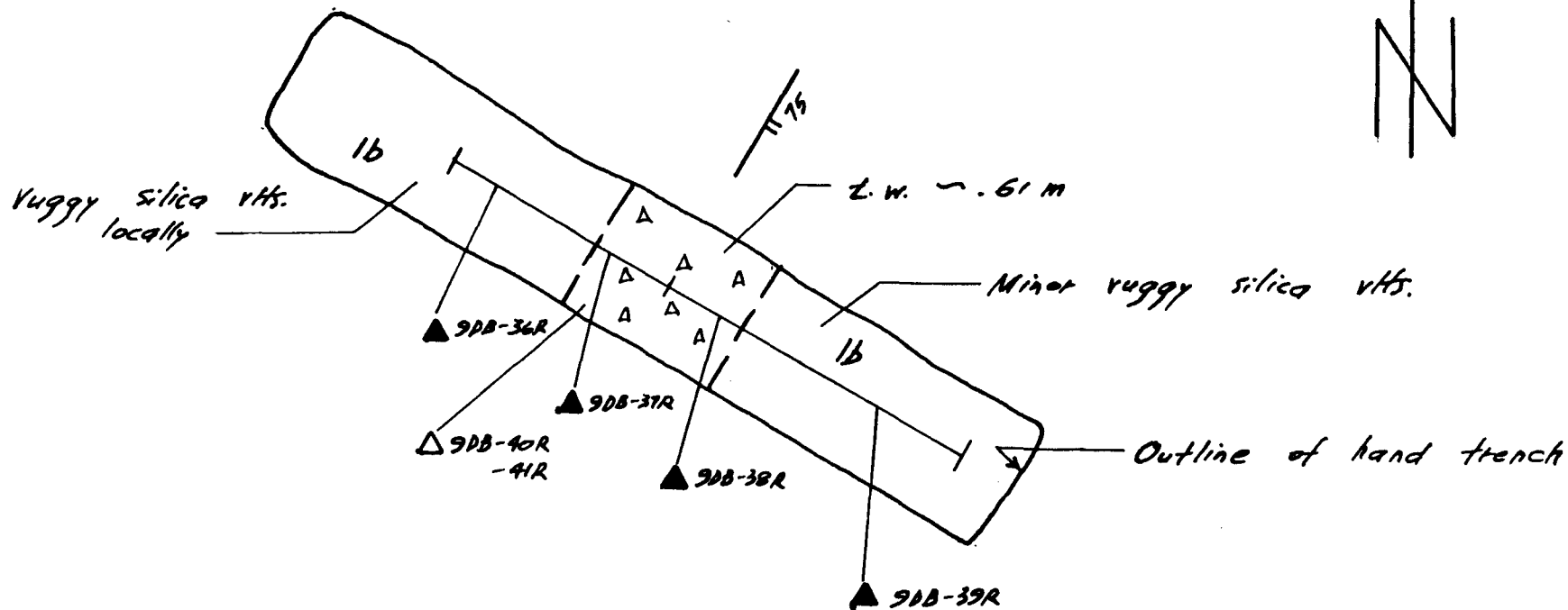
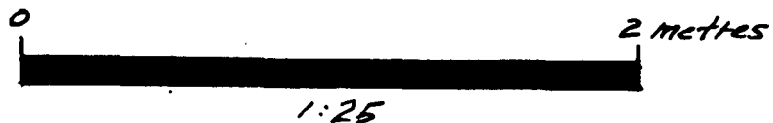
This is a new showing located approximately 150 metres due north of the original Discovery Showing that was hand trenched and later drill tested by Canamax. The showing consists of a 0.6 m wide quartz breccia vein which has an attitude of 030° /75°SE. The vein is hosted by moderately kaolinized andesite. Analytical results for the vein were disappointing with the highest value being 56 ppb Au across 0.3 metre. (9DB-38R) Surprisingly, Au values were higher in the wallrock. 9DB-39R returned a value of 210 ppb across 0.9 metre. Nevertheless, this showing demonstrates that wider, northeasterly - trending veins do occur in the Discovery Zone area.

8.2.1.3 Double Diamond Showing (Fame 1 Claim) - see Figure 7

The Double Diamond Showing, discovered by Bowen and Gordon in the summer of 1988 and hand - trenched by Canamax later that fall, was re-visited in 1989 in order to follow-up on additional quartz vein breccia float that had not been adequately explained by the Canamax work. The float was located to the west of and upslope from the Canamax trench.

1989 hand trenches exposed two additional north to northeasterly - trending quartz vein breccia structures located 10 to 15 metres

GEOLOGICAL SKETCH MAP
DISCOVERY NORTH SHOWING



LEGEND








- | | | | |
|-------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------|
|  | Moderately kaolinized andesite |  | Line and length of chip sample |
|  | Quartz breccia vein |  | 1989 rock (chip) sample site and number |
|  | Attitude of vein |  | 1989 rock (grab) sample site and number |
|  | Approx. true width of vein | | * - 1989 samples by Bowen and Gordon |

Figure 6.

GEOLOGICAL SKETCH MAP DOUBLE DIAMOND SHOWING



1:200

Minor quartz breccia float

1a

1a
9D6-32F

1b

9D6-36R
t.w. ~ .45m

9D6-31R(B)

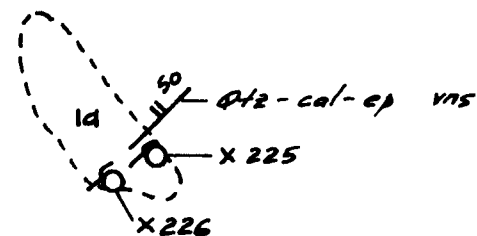
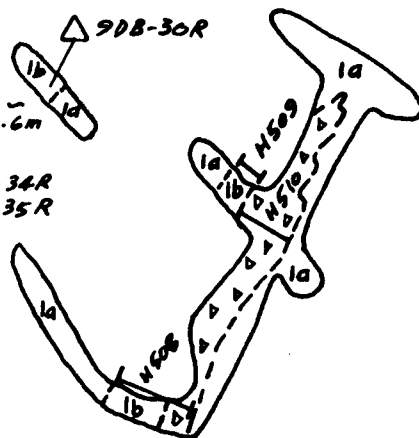
Abundant quartz
breccia float

9D6-33R

1b
t.w. ~ .6m

9D6-34R
-35R

9D8-30R



LEGEND

1a

Fresh to weakly kaolinized andesite

1b

Moderately kaolinized andesite

5/5

Drusy quartz vein, body of quartz breccia

1/2

Attitude of vein or quartz breccia body

t.w. ~ .6m

Approx. true width of quartz breccia body

Geological contact

○

Outcrop

*

Hand trench or pit

1 N509 1988 rock (chip) sample site and number

○ x226 1988 rock (grab) sample site and number

▲ 9D6-33R 1989 rock (chip) sample site and number

△ 9D8-30R 1989 rock (grab) sample site and number

△ 9D6-32F 1989 float (grab) sample site and number

* - 1988 samples by Canamax

** - 1989 samples by Bowen & Gordon

Figure 7.

northwest of the main showing. Vein widths are 0.60 and 0.45 metres. The veins appear to dip northerly. Anomalous Au values include 230 ppb across 0.6 metres on the wider vein (9DG-33R) and 360 ppb in a grab sample (9DG-32F) from the same vein.

8.2.1.4 The Twilight Zone (Fame 1 Claim) - see Figure 8

The Twilight Zone is a significant new showing located about 150 metres west of the western limit of Canamax's Discovery Grid. It occurs in a low-lying area previously thought to be devoid of any outcrop.

Drusy quartz vein breccias and stockworks occur in at least 4 separate northeast - trending mineralized structures across an exposed zone width of about 60 metres. One quartz vein breccia structure has a measurable width of about 1.3 metres and carries Au values up to 1860 ppb across 0.7 metre (9DG-72R). Of 15 rock chip and grab samples collected from the zone, 8 returned anomalous Au values greater than 400 ppb. The Twilight Zone is open in all directions.

Mineralization is hosted by a medium green coloured feldspar porphyritic dacite unit which locally exhibits flow - banding and pervasive jasper alteration. Exotic granodiorite fragments within the dacite were noted at two localities. The age of the host rock is probably Tertiary.

8.2.2 Fortune 1 Claim - see Figure 4

One area of outcrop was examined. It is located at the northeast (outlet) end of Gaspard Lake. A grab sample from a rhyolite dyke returned negligible As and Au values.

8.2.3 North of Gas 1, 2 and 5 Claims - see Figures 4 and 5

The only feature of interest here is an outcrop of granodiorite

GEOLOGICAL SKETCH MAP
THE TWILIGHT ZONE

0 20 metres
1:500



* For legend, see page following this map

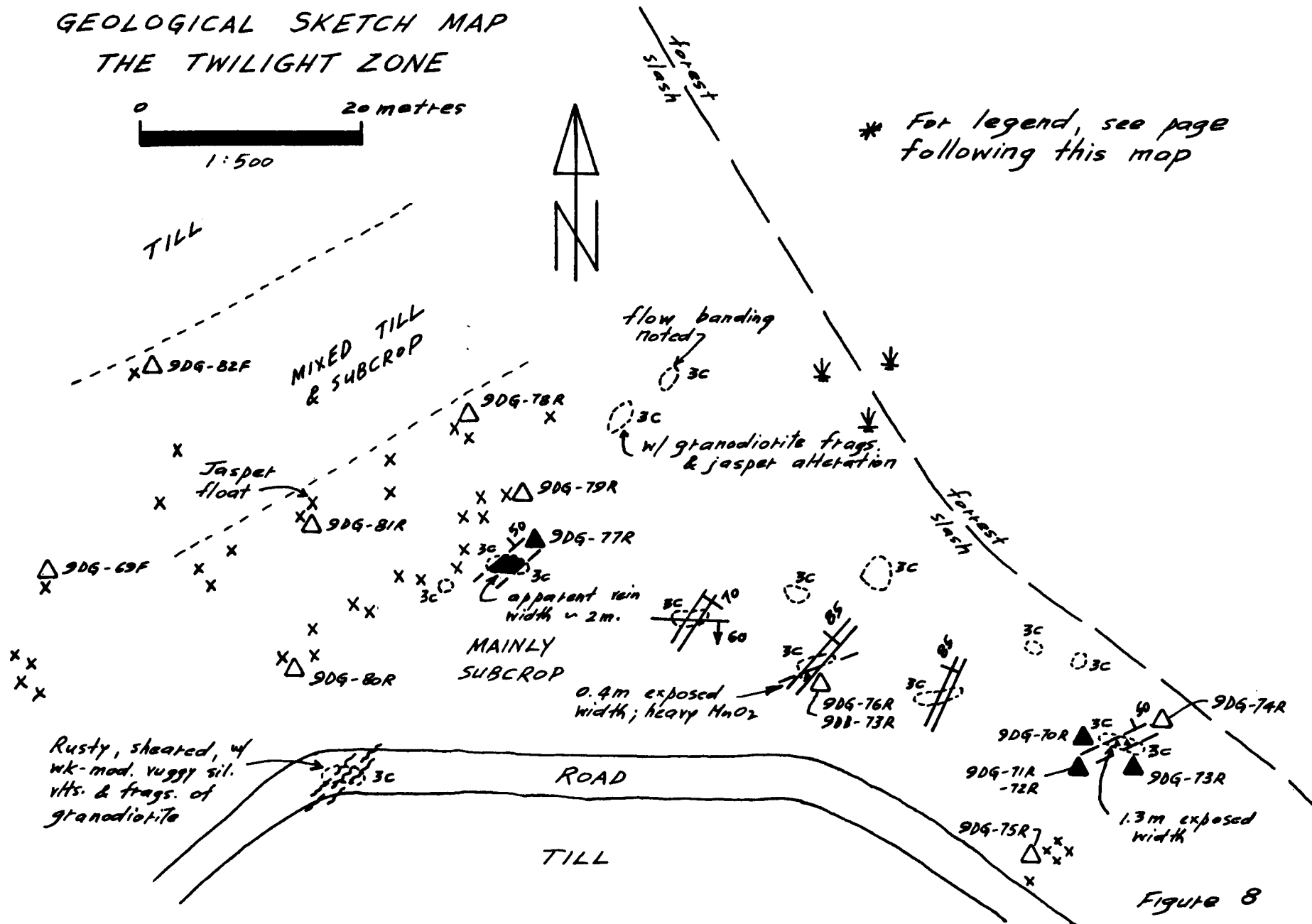


Figure 8

LEGEND
for the
GEOLOGICAL SKETCH MAP
of
THE TWILIGHT ZONE



Tertiary (?) dacite flow



Outcrop



Massive to vuggy silica, minor quartz breccia;
attitude shown



Quartz breccia, some massive silica;
attitude shown



Fracture attitude



Minor shearing attitude



Shear zone



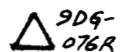
Swamp



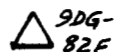
Quartz breccia float or subcrop, unless
otherwise noted



Rock (outcrop) chip sample site and number



Rock (outcrop/subcrop) grab sample site and number



Rock (float) grab sample site and number

north of the Gas 5 claim that is cut by a few centimetre wide, chalcopyrite - bearing quartz vein. A grab sample (9DG-66R) of the vein returned an anomalous Au value of 80 ppb. The occurrence is very limited in extent and is of no further interest.

8.2.4 Gas 1 Claim - see Figures 4 and 5

Detailed prospecting was carried out in several areas on the Gas 1 claim in an effort to locate occurrences of gold - bearing quartz vein breccia similar to those found on the Fame 1 claim. Within the Gas 1 grid, work keyed on areas of kaolinized granodiorite, some of which were known to contain anomalous Au and As values. Beyond grid limits, the focus of work was to the southwest of the Gas 1 showing, along the inferred projection of the Gas 1 lineament.

On the Gas 1 grid, prospecting failed to locate any occurrences of quartz vein breccia. Several samples of kaolinized granodiorite returned anomalous As and/or Au values up to 393 ppm and 87 ppb respectively. A grab sample from a felsite dyke (9DG-16R) at the Gas 1 showing returned a value of 210 ppb Au. Off the grid, a few areas of outcrop and float were sampled, but results were of little interest.

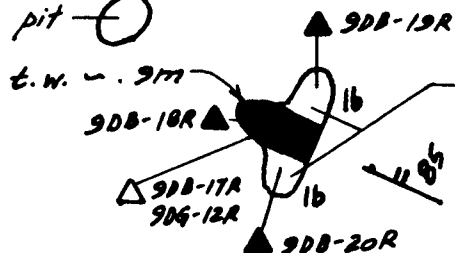
8.2.4.1 The Beagl Showing (Gas 1 Claim) - see Figure 9

The Beagl Showing (vein) is located about 25 metres northwest of grid station 101+25N / 88+00E. The vein is siliceous, fine-grained and drusy in part. It trends 115°/85N and is about 0.9 metre wide. Intense clay selvage occurs at vein contacts. The host rock is moderately kaolinized andesite which is rusty, bleached and strongly fractured. The andesite appears to be a pendant within granodiorite. Test pits along strike failed to locate any vein extensions.

A chip of the vein across its full width (9DB-18R) returned only weakly anomalous (?) As and Au values of 17 ppm and 13 ppb respectively. The poor values may be a function of the lack of brecciation in the

GEOLOGICAL SKETCH MAP BEAGL SHOWING

No outcrop
observed in pit



Wallrocks are rusty, bleached
& strongly fractured. Intense
clay selvage at vein contacts

pyrite in fract. — (L) Δ 9DG-13R

minor silica vths. — (1) Δ 9DG-14R

(1) — minor silica/carbonate vths.

788+00E



← Grid line referenced to
Gas 1 grid

101+25N

LEGEND



Fresh andesite



Moderately kaolinized andesite



F. grained siliceous vein, drusy in part



Attitude of siliceous vein

t.w. ~ .9m

Approx. true width of siliceous vein



Outcrop



Hand trench, test pit



▲ 9DB-18R 1989 rock (chip) sample site and number



△ 9DG-13R 1989 rock (grab) sample site and number

* - 1989 samples by Bowen and Gordon

Figure 9

vein.

8.2.5 Gas 2 Claim - see Figure 4

Work was concentrated along the Gas 1 and Kelsch Lineaments and also in a recent (winter 1988/89) logging slash in the southeast corner of the claim. Along the lineaments, the areas were heavily drift covered and no outcrop was observed. The few samples taken in the slash returned no significant values.

8.2.6 Gas 3 Claim - see Figure 4

Work was concentrated in the northern half of the claim in another recent logging slash. Several areas of outcrop and float were investigated, but none are of any interest.

8.2.7 Gas 4 Claim - see Figure 4

Work keyed on the possible continuation of the Kelsch Lineament which projects through the northwest corner of the claim and extends some distance further to the southwest. The area is heavily drift covered and nothing of interest was observed.

8.2.8 Gas 5 and 6 Claims - see Figure 4

Another recent (1988/89) logging slash covering portions of these two claims was prospected and no outcrop was observed.

8.2.9 Gas 7 Claim - see Figure 4

Prospecting work was restricted to a northeast - trending ridge in the southeastern portion of the claim. One sample (9DB-51R) taken from a 10-15 cm wide quartz vein returned a weakly anomalous Au value of 15 ppb.

8.2.10 Gas 9 Claim - see Figure 4

Follow-up prospecting was carried out on two single-value Au in soil anomalies of 80 and 430 ppb. The anomalies were generated from Canamax's 1988 recce soil work and are located in the northwest quadrant of the claim. The area is heavily drift covered. The few outcrop and float samples collected yielded no significant results.

8.2.11 Gas 15 Claim - see Figure 4

Follow-up prospecting was carried out on the "Malachite - Stained Zone" near the border of the Gas 11 and 15 claims. The zone had been located by Canamax in 1983. Small quartz veins and silicified volcanics are exposed over an area measuring 600 by 50 metres. Previous grab samples contained highly anomalous Cu and As and weakly anomalous Au values.

The quartz veins appeared "tight" and lacked the drusy appearance typical of the gold - bearing quartz vein breccias on the Fame 1 claim. The zone is a low priority feature.

8.2.12 Gas 14, 16 and 17 Claims see Figure 4

A prospecting traverse was carried out along Little Gaspard Creek which drains northeasterly through these claims. There is considerable "bank" relief along this drainage, commonly in the order of 30 to 50 metres. The area is, for the most part, underlain by a very thick deposit of glacial drift which severely limits conventional prospecting. Nothing of interest was found.

8.2.13 Gas 18 to 20 Claims - see Figure 4

The main feature of interest on these claims is the northeasterly striking Little Gaspard Lineament which has associated with it stream sediment anomalies of 200 ppb Hg and 23 As. It is thought

that the lineament may be a locus of epithermal Au mineralization.

Extensive drift cover and areas of swampy ground hindered prospecting along Little Gaspard Lineament. No outcrop was observed. The remainder of the claims were prospected to some degree, but again lack of outcrop was a problem at lower elevations.

Along some ridge tops, scattered outcrops do occur and two features are worthy of mention. On Gas 19, float sample 9DG-56F returned a weakly anomalous (?) value of 13 ppb Au. The rock is a green coloured, brecciated, volcanic flow with matrix and vein chalcedony and minor limonite and manganese stain locally. On Gas 20, rock sample 9DB-74R returned a weakly anomalous (?) value of 18 ppm As. The rock is a moderately clay - altered, coarse volcanic breccia which contains weak to moderate amounts of limonite and heavy manganese stain.

9.0

SOIL GEOCHEMISTRY

9.1

Data Presentation and Introductory Comments

All 1989 soil and silt sampling data is presented on the Property Soil Geochemistry Map adapted from that of Canamax (see Figure 10). The sample site and number is shown on the maps along with anomalous values for Au (≥ 10 ppb), As (≥ 20 ppm) and Hg (≥ 100 ppb). A complete set of analytical results is presented in Appendix I.

All soil samples were taken from the "B" soil horizon. Average sample depth is in the range of 20 to 25 cm. Sample material ranges from till to gravel to sand. Samples were collected in Kraft paper bags and dried in the field. They were then forwarded to Acme Analytical Labs of Vancouver, B.C. for geochemical analyses for Au (acid leach - 10gm), \pm As (ICP), \pm Hg (flameless AA).

It had been intended to carry out detailed grid soil sampling at 50 to 100 m by 25 m spacing along the favourable northeasterly striking

lineaments. Initial prospecting work, however, showed the lineament areas to be generally heavily drift covered. It was decided, due to budget and time constraints, to limit soil geochemical coverage to a few reconnaissance traverses in selected areas.

9.2 Discussion of Results

9.2.1 Fortune 1 Claim - see Figure 10

One recce soil line traverses the claim diagonally from northwest to southeast. It was completed in order to provide some information in an area that has very little bedrock exposure. Sample interval along the line is 100 metres. The 27 samples collected were analyzed for Au and As and returned no significant results.

9.2.2 Gas 18 to 20 Claims - see Figure 10

Four recce soil lines were completed in the area. They run generally east-west and are spaced about one kilometre apart. Portions of two of them were completed by Canamax in October 1988. At the same time, Canamax also established two shorter soil lines on the Gas 19 claim. Sample spacing along all lines is 100 metres. 1989 samples were analyzed for Au, As and Hg. The Canamax samples were analyzed for Au, As and Cu.

On the Gas 20 claim, 5 samples taken in an area measuring about 600 metres east-west by 300 metres north-south returned anomalous Au or Hg values up to 13 ppb or 200 ppb respectively. The area is entirely drift covered and lies about 500 metres north of an east-northeast trending air photo lineament.

On top of the ridge that runs easterly between the Gas 20 and Gas 19 claims, near the main logging road, two samples about 100 metres apart are anomalous. Sample 88GR992 contains 20 ppb Au. Sample 9DB-77S contains 11 ppb Au and 120 ppb Hg. The area is underlain by

Tertiary andesite.

Samples 9DB-122S and 126S returned anomalous values of 170 and 110 ppb Hg respectively. These samples are located about 200-300 metres southeast of Little Gaspard Lineament and may represent leakage from a parallel structure.

Sample 9DB-159S contains 162 ppb Au. It is located near the top of the knoll at the boundary between the Gas 14 and 18 claims. The immediate area is drift covered. About 400 metres to the southeast, Jurassic andesite outcrops exhibit minor chalcedony veining.

The only other anomalous value is 15 ppb Au in sample 9DB-167S. It is located in a drift covered area on the Gas 18 claim. None of the samples taken in the vicinity of Little Gaspard Lineament are anomalous.

9.2.3 Other Areas - see Figure 10

One precipitate and a few soil and silt samples were taken during the course of carrying out prospecting work on various portions of the Gaspard Lake property. Anomalous results are briefly discussed below.

Precipitate sample 9DB-8P was taken from a northeasterly draining stream located north of the Gas 1 claim. It returned an anomalous value of 22 ppm As. The precipitate is a bright orange - red coloured clay "ooze". A lineament projects through the drainage area.

Soil sample 9DG-52S contained 141 ppm As and 240 ppb Au. It was taken over the rusty clay zone in which pieces of quartz breccia contain 8630 ppb Au (see Section 8.2.1.1).

*B. K. Bower
Oct. 24/89.*

10.0

REFERENCES

Harris, F. R., Geological, Geochemical and Drilling Report on the Gaspard Lake Property, December 1988. BCDM Assessment Report.

Bowen, B. K., Prospecting Report on the Fame 1 Claim, May 1988. BCDM Assessment Report.

APPENDIX I

CERTIFICATES OF ANALYSES

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: MAY 30 1989

DATE REPORT MAILED:

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 ROCK P3 PRECIPITATE P4 SOIL P5 SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

B.K. BOWEN FILE # 89-1267

Page 1

SAMPLE#	As PPM	Au* PPB
9DB-001F	42	9
9DB-002F	9	1
9DB-004F	10	2
9DB-010R	17	11
9DB-011R	7	2
9DB-012R	4	1
9DB-013R	2	1
9DB-015F	277	15
9DB-016R	30	7
9DB-017R	11	10
9DB-018R	17	13
9DB-019R	27	8
9DB-020R	43	14
9DB-021R	15	2
9DB-022R	3	51
9DB-023R	4	3
9DB-024F	2	1
9DB-028F	2	1
9DB-029R	15	1
9DB-030R	-	360
9DG-002R	8	2
9DG-003R	12	4
9DG-005R	2	2
9DG-008R	22	1
9DG-009R	20	1
9DG-010F	5	1
9DG-011F	2	2
9DG-012R	4	6
9DG-013R	13	3
9DG-014R	8	3
9DG-015F	17	2
9DG-016R	2	210
9DG-017R	393	67
9DG-018R	17	17
9DG-019F	6	7
9DG-020F	5	18
STD C/AU-R	44	510

SAMPLE#	AS ppm	AU* ppb
9DG-022R	16	5
9DG-023F	17	6
9DG-024R	11	2
9DG-026R	4	3
9DG-027F	2	2
9DG-028R	4	3
9DG-031R A	2	10
9DG-031R B	-	28
9DG-032F	-	360
9DG-033R	-	230
9DG-034R	-	97
9DG-035R	-	147
9DG-036R	-	61
9DG-037R	2	17
9DG-038F	2	18

SAMPLE#	AS ppm	AU* ppb
9DB-008P	22	1

SAMPLE#	As PPM	Au* PPB.
9DB-025S	5	1
9DB-026S	6	4
9DB-027S	11	9
9DG-006S	6	1
9DG-029S	5	1
9DG-030S	6	1
STD C/AU-S	38	52

SAMPLE#	As PPM	Au* PPB
9DB-005L	7	4
9DB-006L	6	1
9DB-007L	5	3
9DB-009L	7	1
9DB-014L	2	2
9DG-007L	6	1
STD C/AU-S	39	49

ACME ANALYTICAL LABORATORIES LTD.

DATE RECEIVED: JUN 6 1989

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE (604) 253-3158

FAX (604) 253-1716

DATE REPORT MAILED:

June 8/89.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL/ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

SIGNED BY... *C. Bowen*... D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

B.K. BOWEN FILE # 89-1344

SAMPLE#	As PPM	Au* PPB
9DG-052S	141	240
9DG-039F	6	17
9DG-040F	2	8
9DG-041F	3	5
9DG-042F	2	4
9DG-043F	3	2
9DG-044F	68	12
9DG-045R	4	4
9DG-046F	3	5
9DG-047F	-	1980
9DG-048F	-	4080
9DG-049F	5	35
9DG-050R	-	127
9DG-051R	-	8630
9DG-053F	2	39
9DG-054F	3	13
9DB-031R	5	22
9DB-032R	2	5
9DB-033F	13	4
9DB-034F	7	5
9DB-035F	-	290
9DB-036R	120	70
9DB-037R	34	28
9DB-038R	27	56
9DB-039R	69	210
9DB-040R	39	48
9DB-041R	38	53
9DB-042F	2	192
9DB-043F	-	15
9DB-044R	-	590
9DB-045F	-	11850
STD C/AU-R	43	530

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JUN 14 1989

DATE REPORT MAILED:

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 SOIL/SILT P2-P3 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

SIGNED BY... *C. Long* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

B.K. BOWEN FILE # 89-1506

Page 1

SAMPLE#	As PPM	Au* PPB
9DB-057L	2	3
9DB-058S	3	1
9DB-059S	5	5
9DB-060S	2	2
9DB-061S	2	2
9DB-062S	7	7
9DB-063S	2	2
9DB-064S	2	1
9DB-065S	2	4
9DB-066S	2	3
9DB-067S	4	4
9DB-068S	2	2
9DG-060S	2	2
9DG-087S	4	5
9DG-088S	4	1
9DG-089S	4	1
9DG-090S	2	1
9DG-091S	2	1
9DG-092S	2	4
9DG-093S	3	9
9DG-094S	3	2
9DG-095S	5	3
9DG-096S	6	1
9DG-097S	6	2
9DG-098S	3	2
9DG-099S	3	2
9DG-100S	5	1
9DG-101S	3	2
9DG-102S	6	1
STD C/AU-S	36	49

SAMPLE#	As PPM	Au* PPB
9DB-046F	49	22560
9DB-047R	18	14
9DB-048F	66	87
9DB-050R	3	3
9DB-051R	3	15
9DB-052R	2	1
9DB-053F	3	7
9DB-054F	5	1
9DB-055R	3	1
9DB-056R	9	2
9DB-069R	2	1
9DB-070R	2	1
9DB-072F	3	4
9DB-073R	6	650
9DG-055F	69	12
9DG-056F	2	13
9DG-057R	3	2
9DG-058F	3	5
9DG-059F	2	4
9DG-061F	5	1
9DG-062F	2	1
9DG-063F	5	1
9DG-066R	2	80
9DG-067F	5	5
9DG-068F	4	7
9DG-069F	8	760
9DG-070R	15	590
9DG-071R	8	580
9DG-072R	9	1860
9DG-073R	19	460
9DG-074R	18	1850
9DG-075R	10	81
9DG-076R	8	76
9DG-077R	4	33
9DG-078R	3	8
9DG-079R	4	410
STD C/AU-R	42	490

SAMPLE#	As PPM	Au* PPB
9DG-080R	4	7
9DG-081R	11	1
9DG-082F	2	260
9DG-083F	3	19
9DG-085F	2	2
9DG-086F	3	1
9DG-103F	15	2
STD C/AU-R	42	530

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1-P3 SOIL P4 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

B.K. BOWEN

FILE # 89-2499

Page 1

SAMPLE#	As PPM	AU* PPB	HG PPB
9DB-76S	2	6	20
9DB-77S	2	11	120
9DB-78S	2	1	20
9DB-79S	3	5	30
9DB-80S	2	4	20
9DB-81S	5	8	40
9DB-82S	2	4	30
9DB-83S	2	2	40
9DB-84S	4	5	30
9DB-85S	2	3	30
9DB-86S	2	4	20
9DB-87S	2	5	30
9DB-88S	4	2	20
9DB-89S	9	4	30
9DB-90S	2	5	20
9DB-91S	4	15	20
9DB-92S	2	4	10
9DB-93S	3	9	40
9DB-94S	5	11	30
9DB-95S	2	5	10
9DB-96S	3	13	20
9DB-97S	2	1	20
9DB-98S	2	1	100
9DB-99S	6	2	20
9DB-100S	7	7	40
9DB-101S	4	6	30
9DB-102S	4	6	30
9DB-103S	4	1	20
9DB-104S	4	6	10
9DB-105S	3	7	10
9DB-106S	2	4	20
9DB-107S	4	3	10
9DB-108S	3	2	30
9DB-109S	3	3	20
9DB-110S	2	7	40
9DB-111S	2	2	200
STD C/AU-S	42	51	1400

SAMPLE#	As PPM	Au* PPB	Hg PPB
9DB-112S	3	2	50
9DB-113S	2	11	70
9DB-114S	4	3	30
9DB-115S	10	1	70
9DB-116S	7	4	20
9DB-117S	5	4	50
9DB-118S	4	4	20
9DB-119S	5	2	50
9DB-120S	4	2	40
9DB-121S	8	1	50
9DB-122S	4	2	170
9DB-123S	2	8	30
9DB-124S	3	4	40
9DB-125S	8	3	50
9DB-126S	7	4	110
9DB-127S	2	5	20
9DB-128S	6	2	30
9DB-129S	7	2	10
9DB-130S	4	1	40
9DB-131S	6	1	10
9DB-132S	10	6	40
9DB-133S	5	6	10
9DB-134S	3	1	20
9DB-135S	7	6	40
9DB-136S	9	6	50
9DB-137S	2	6	30
9DB-138S	2	4	30
9DB-139S	4	4	80
9DB-140S	2	4	60
9DB-141S	2	4	30
9DB-142S	2	5	20
9DB-143S	2	2	40
9DB-144S	2	5	40
9DB-145S	2	1	20
9DB-146S	5	2	20
9DB-147S	3	1	30
STD C/AU-S	43	47	1300

SAMPLE#	As PPM	Au* PPB	Hg PPB
9DB-148S	2	2	60
9DB-149S	2	1	40
9DB-150S	2	2	50
9DB-151S	2	6	40
9DB-152S	2	1	60
9DB-153S	4	2	40
9DB-154S	2	4	50
9DB-155S	2	3	50
9DB-156S	2	2	10
9DB-157S	2	2	10
9DB-158S	2	1	30
9DB-159S	2	162	20
9DB-160S	2	7	30
9DB-161S	2	1	10
9DB-162S	3	4	20
9DB-163S	2	3	10
9DB-164S	3	2	10
9DB-165S	2	15	20
9DB-166S	4	4	80
9DB-167S	2	2	30
STD C/AU-S	41	52	1300

SAMPLE#	As PPM	AU* PPB	HG PPB
9DB-74R	18	2	20
9DB-75R	2	3	10
9DB-168R	3	1	5
9DB-169R	2	3	5

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

TO : CANAMAX RESOURCES INC.
601-535 THURLOW ST.
VANCOUVER, B.C.
PROJECT : 7094
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88313
INVOICE # : 90097
DATE ENTERED : 88-11-17
FILE NAME : CX88313.G
PAGE # : 1

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph: (604)299-6010 Fax: 299-6252

PRE FIX	SAMPLE NAME	PPM Cu	PPB Au	PPM As
S	88 GFS 498	18	5	6
S	88 GFS 499	20	5	8
S	88 GFS 500	18	5	4
S	88 GFS 501	14	5	6
S	88 GFS 502	22	5	10
S	88 GFS 503	20	5	6
S	88 GFS 504	18	5	2
S	88 GFS 505	16	5	6
S	88 GFS 506	28	5	12
S	88 GFS 507	20	5	8
S	88 GFS 508	36	5	12
S	88 GFS 509	20	5	6
S	88 GFS 510	30	5	12
S	88 GFS 511	32	5	16
S	88 GFS 512	34	5	12
S	88 GFS 513	56	5	12
S	88 GFS 514	26	5	8
S	88 GFS 515	50	5	12
S	88 GFS 516	44	5	8
S	88 GFS 517	28	5	6
S	88 GFS 518	36	5	6
S	88 GFS 520	56	5	10
S	88 GFS 521	28	5	10
S	88 GFS 522	14	5	2
S	88 GFS 523	18	5	8
S	88 GFS 524	16	5	4
S	88 GFS 525	14	5	2
S	88 GFS 526	20	5	2
S	88 GFS 527	16	5	6
S	88 GFS 528	20	5	6
S	88 GFS 529	18	5	6
S	88 GFS 530	14	5	2
S	88 GFS 531	18	5	6
S	88 GFS 532	18	5	4
S	88 GFS 533	26	5	10
S	88 GFS 534	26	5	4
S	88 GFS 535	28	5	2
S	88 GFS 536	14	5	2
S	88 GFS 537	48	5	2
S	88 GFS 538	56	5	2

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CERTIFICATE OF ANALYSIS

TO : CANAMAX RESOURCES INC.
601-535 THURLOW ST.
VANCOUVER, B.C.
PROJECT : 7094
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88317
INVOICE # : 90101
DATE ENTERED : 88-11-18
FILE NAME : CX88317.G
PAGE # : 15

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph: (604)299-6010 Fax: 299-6252

PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag	PPB Au	PPM As
A	88 GFT 519	250		5	12
A	88 GFT 565	82		5	6
A	88 GFT 595	600		5	20
A	88 GFT 607	68		5	6
A	88 GFT 609	48		5	8
A	88 GFT 626	44		5	8
A	88 GFT 639	8		5	22
A	88 GFT 663	4		5	2
A	88 GFT 673	6		5	4
A	88 GFT 693	>10000		5	22
A	88 GFT 695	52		5	22
A	88 GFT 702	3100		5	570
A	88 GFT 703	34		5	12
A	88 GFT 712	1980		5	110
A	88 GFT 713	20		5	12
A	88 GFT 714	12		5	12
A	88 GFT 715	142		5	12
A	88 GFT 716	6		100	2
A	88 GFT 717	16		5	2
A	88 GFT 718	18		5	2
A	88 GFT 738	6		5	2
A	88 GFT 739	4		5	2
A	88 GFT 740	8		5	6
A	88 GFT 741	14		5	6
A	88 GFT 742	20		5	8
A	88 GFT 743	66		5	4

Note: - preceding sample name denotes
Canamax sample, October 1988,
Gas 18-20 claims.

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FILE NAME : CX88317.G
PAGE # : 2

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3J1
Ph: (604)299-6910 Fax: 299-6252

RE IX	SAMPLE NAME	PPM Cu	PPM Ag	PPB Au	PPM As
S	88 GFS 680	20		5	8
S	88 GFS 681	18		5	6
S	88 GFS 682	26		5	4
S	88 GFS 683	18		5	8
S	88 GFS 684	24		5	8
S	88 GFS 685	22		5	6
S	88 GFS 686	26		5	10
S	88 GFS 687	20		5	4
S	88 GFS 688	28		5	6
S	88 GFS 689	26		5	8
S	88 GFS 690	30		5	4
S	88 GFS 691	26		5	4
S	88 GFS 692	26		5	16
S	88 GFS 694	36		5	14
S	88 GFS 696	22		5	8
S	88 GFS 697	30		5	14
S	88 GFS 698	32		5	2
S	88 GFS 699	30		5	2
S	88 GFS 700	20		5	2
S	88 GFS 701	38		5	8
S	88 GFS 704	46		5	14
S	88 GFS 705	30		5	8
S	88 GFS 706	30		5	2
S	88 GFS 707	24		5	2
S	88 GFS 708	30		5	8
S	88 GFS 709	26		5	4
S	88 GFS 710	32		5	8
S	88 GFS 711	30		5	6
S	88 GFS 719	24		5	4
S	88 GFS 720	16		5	2
S	88 GFS 721	28		5	2
S	88 GFS 722	16		5	2
S	88 GFS 723	14		5	2
S	88 GFS 724	16		5	2
S	88 GFS 725	18		5	4
S	88 GFS 726	18		5	6
S	88 GFS 727	16		5	2
S	88 GFS 728	18		5	2
S	88 GFS 729	18		5	11
S	88 GFS 730	14		5	8

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PROJECT : 7094
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FILE NAME : CX88317.G
PAGE # : 3

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PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag	PPB Au	PPM As
S	88 GFS 731	16		5	6
S	88 GFS 732	22		5	6
S	88 GFS 733	20		5	8
S	88 GFS 734	18		5	6
S	88 GFS 735	14		5	8
S	88 GFS 736	22		5	6
S	88 GFS 737	16		5	4

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VANCOUVER, B.C.
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DATE ENTERED : 88-11-18
FILE NAME : CX88317.G
PAGE # : 5

PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag	PPB Au	PPM As
S	88 GRS 938	14		5	2
S	88 GRS 939	14		5	2
S	88 GRS 941	18		5	2
S	88 GRS 942	18		5	2
S	88 GRS 943	16		5	2
S	88 GRS 944	18		5	4
S	88 GRS 946	16		5	2
S	88 GRS 947	16		5	2
S	88 GRS 948	14		5	2
S	88 GRS 949	14		5	4
S	88 GRS 950	16		5	2
S	88 GRS 951	16		5	2
S	88 GRS 952	16		5	2
S	88 GRS 953	22		5	2
S	88 GRS 954	16		5	2
S	88 GRS 955	14		5	2
S	88 GRS 956	10		5	2
S	88 GRS 957	12		5	2
S	88 GRS 958	14		5	2
S	88 GRS 959	14		5	2
S	88 GRS 960	16		5	6
S	88 GRS 961	12		5	4
S	88 GRS 962	16		5	6
S	88 GRS 963	18		5	5
S	88 GRS 964	18		5	96
S	88 GRS 966	14		5	4
S	88 GRS 968	24		5	2
S	88 GRS 969	12		5	2
S	88 GRS 981	14		5	2
S	88 GRS 982	12		5	2
S	88 GRS 983	14		5	2
S	88 GRS 984	12		5	2
S	88 GRS 985	10		5	2
S	88 GRS 986	12		5	2
S	88 GRS 987	14		5	2
S	88 GRS 988	12		5	2
S	88 GRS 989	16		5	10
S	88 GRS 990	16		5	2
S	88 GRS 991	14		5	4
S	88 GRS 992	18		20	2

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PAGE # : 6

PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag	PPB Au	PPM As
A	88 GRT 830	28		5	2
A	88 GRT 831	288		5	2
A	88 GRT 833	50		5	2
A	88 GRT 899	64		5	4
A	88 GRT 940	10		5	26
A	88 GRT 945	18		5	2
A	88 GRT 965	56		5	2
A	88 GRT 967	36		5	2
A	88 GRT 969	4		5	2
A	88 GRT 970	8		5	12
A	88 GRT 971	4		5	2
A	88 GRT 972	2		5	2
A	88 GRT 973	2		5	2
A	88 GRT 974	4		5	2
A	88 GRT 975	52		5	2
A	88 GRT 976	70		5	2
A	88 GRT 977	2		5	2
A	88 GRT 978	4		5	2
A	88 GRT 979	4		5	2
A	88 GRT 993	2		5	2
A	88 GRT 996	6		5	6
A	88 GRT 997	20		5	4

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VANCOUVER, B.C.
PROJECT : 7094
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CERTIFICATE # : 88317
INVOICE # : 90101
DATE ENTERED : 88-11-18
FILE NAME : CX88317.G
PAGE # : 9

PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag	PPB Au	PPM As
S	88 GMS 1081	2		5	2
S	88 GMS 1082	12		5	2
S	88 GMS 1083	22		5	2
S	88 GMS 1084	12		5	2
S	88 GMS 1085	10		5	2
S	88 GMS 1086	20		5	2
S	88 GMS 1087	16		5	2
S	88 GMS 1088	12		5	2
S	88 GMS 1089	12		5	2
S	88 GMS 1090	14		5	2
S	88 GMS 1091	16		5	2
S	88 GMS 1092	20		5	4
S	88 GMS 1093	16		5	4
S	88 GMS 1094	36		5	4
S	88 GMS 1095	16		5	2
S	88 GMS 1096	18		5	4
S	88 GMS 1097	18		5	4
S	88 GMS 1098	22		5	4
S	88 GMS 1099	58		5	10
S	88 GMS 1100	16		5	4
S	88 GMS 1101	16		5	2
S	88 GMS 1102	12		5	4
S	88 GMS 1103	14		5	6
S	88 GMS 1104	34		5	4
S	88 GMS 1105	18		5	2
S	88 GMS 1106	22		5	2
S	88 GMS 1107	20		5	4
S	88 GMS 1108	22		5	6
S	88 GMS 1109	30		5	4
S	88 GMS 1110	30		5	2
S	88 GMS 1112	16		5	2
S	88 GMS 1111	48		5	2
S	88 GMS 1113	40		5	2
S	88 GMS 1114	22		5	2
S	88 GMS 1115	20		5	4
S	88 GMS 1116	16		5	2
S	88 GMS 1117	16		5	4
S	88 GMS 1120	32		5	2
S	88 GMS 1121	16		5	2
S	88 GMS 1122	20		5	2

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PAGE # : 8

PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag	PPB Au	PPM As
S	88 GMS 1041	14		5	2
S	88 GMS 1042	14		5	2
S	88 GMS 1043	14		5	2
S	88 GMS 1044	12		5	2
S	88 GMS 1045	12		5	2
S	88 GMS 1046	10		5	4
S	88 GMS 1047	12		5	2
S	88 GMS 1048	10		5	2
S	88 GMS 1049	28		5	2
S	88 GMS 1050	18		5	2
S	88 GMS 1051	16		5	2
S	88 GMS 1052	28		5	2
S	88 GMS 1053	14		5	2
S	88 GMS 1054	18		5	2
S	88 GMS 1055	32		5	4
S	88 GMS 1056	12		5	2
S	88 GMS 1057	16		5	2
S	88 GMS 1058	24		5	2
S	88 GMS 1059	28		5	2
S	88 GMS 1060	32		5	6
S	88 GMS 1061	32		5	4
S	88 GMS 1062	18		5	2
S	88 GMS 1063	10		5	2
S	88 GMS 1064	14		5	2
S	88 GMS 1065	28		5	2
S	88 GMS 1066	66		5	6
S	88 GMS 1067	24		5	2
S	88 GMS 1068	24		5	2
S	88 GMS 1069	16		100	4
S	88 GMS 1070	32		5	6
S	88 GMS 1071	30		5	6
S	88 GMS 1072	22		180	4
S	88 GMS 1073	24		5	4
S	88 GMS 1074	28		5	2
S	88 GMS 1075	30		5	2
S	88 GMS 1076	18		5	2
S	88 GMS 1077	10		5	2
S	88 GMS 1078	18		5	2
S	88 GMS 1079	36		5	4
S	88 GMS 1080	14		5	2

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VANCOUVER, B.C.
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PAGE # : 13

2225 S. Springer Ave., Burnaby,
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PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag	PPB Au	PPM Am
A	88 GWT 1118		0.2	5	
A	88 GWT 1119		0.2	5	

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DATE ENTERED : 88-11-18
FILE NAME : CX88317.G
PAGE # : 10

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph: (604)299-6910 Fax: 299-6252

PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag	PPB Au	PPM Am
S	88 GWS 1123	18		5	2
S	88 GWS 1124	16		5	2
S	88 GWS 1125	20		5	2
S	88 GWS 1126	14		5	2
S	88 GWS 1127	18		5	2
S	88 GWS 1128	16		5	2
S	88 GWS 1129	14		5	2
S	88 GWS 1130	12		5	2

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[Signature]

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APPENDIX II

ROCK SAMPLE REPORT FORMS

AREA : FAME 1 CLAIM
 PROPERTY : GASPARD LAKE.

N.T.S. 920/10W.
 DATE OCTOBER 1989.

For location, see Figure 5 (ROCK) SAMPLE REPORT

Text section B.2-1

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH (METRES)	P.P.M.		← GEOCHEM.				SAMPLED BY	
				As	Ag						
318-34F	Brecciated volcanic rock, rusty w/ MnO ₂ ; possible minor silica infilling.	GRAB	-	7	5						BKB.
316-37R	Green volcanic w/ "tight" quartz veining	"	-	2	17						ACG
-38F	Green/maroon volcanic with minor quartz veining. One vuggy/rusty spot noted.	"	-	2	18						"
-44F	Large cobble of rusty, brecciated volcanic with drusy, vuggy quartz matrix.	"	-	68	12						"
-46R	Intensely clay-altered, strongly brecciated volcanic (?). rusty w/ minor carbonate veining.	"	-	4	4						"
-68F	Large sub-angular boulder at side of road. Pink coloured matrix to angular grey fragments. Possible jaspilite. Several open vugs with quartz terminations.	"	-	4	7						"
-83F	Brecciated volcanic w/ intense limonite; some chalcocony veins, some open vuggy veins.	"	-	3	19						"

AREA: DISCOVERY SHOWING (FAKE 1 CLAIM)
 PROPERTY: GASPARD LAKE.

N.T.S. 920/10W.

DATE OCTOBER 1989.

For location, see Figure 5 (Rock) SAMPLE REPORT

Text Section B.2.1.1

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	PPM	PPB.	GEOCHEM.					SAMPLED BY	
				AS	Au.							
70B-35F	Quartz breccia, sub-angular float 20 cm across, w/ mod. lim + MnO ₂	GMAB	—	N/A	290							BICB.
-42F	Dacitic volcanic, moderately streaked and brecciated, w/ very narrow (minor) chalcodony veins.	"	—	2	192							"
-43F	Andesite cut by dense quartz vhs.	"	—	N/A	15							"
-44F	5-8 cm wide, rusty quartz breccia vein w/ northwest strike and flat westerly dip	"	—	N/A	590	NOTE: N/A DENOTES NOT ANALYZED.					"	
-45F	0.3 m diameter sub-angular to sub-rounded float. Clay- altered volcanic rock w/ numerous waxy silica vhs 5-10 cm across	"	—	N/A	11850							"
-46F	15 cm diameter, rounded quartz breccia float. Minor rust.	"	—	49	22560							"
90B-47A	Sub-angular (flat) cobble, 11 cm by 7 cm; quartz breccia w/ minor oxides	"	—	N/A	1980							ACG
-48F	18 cm by 15 cm by 9 cm angular float; rusty quartz breccia.	"	—	N/A	4080							"
-49F	0.3 m diameter, extremely siliceous sub-angular boulder of jasper breccia with extremely coarse fragments.	"	—	5	35							"

AREA: DOUBLE DIAMOND SHOWING
 PROPERTY: GASLAND LAKE (FAKE 1 CLAIM)

N.T.S. 920/10W.

DATE OCTOBER 1989.

* For location, see figure 7 (ROCK) SAMPLE REPORT

Text Section 8.2.1.3

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH (INCHES)	JPM		← GEOCHEM				SAMPLED BY
				AS	A4					
90G-31R(B)	Fresh to weakly kaolinized andesite w/ wuggy quartz veining and minor limonite. Silica bias to sample.	SELECT GRAB	—	N/A	28					ACG
-32F	Quartz breccia float	GRAB	—	N/A	360					"
-33R	Quartz breccia vein	CHIP	0.6	N/A	230					"
-34R	" " "	GRAB	—	N/A	97					"
-35R	" " "	GRAB	—	N/A	147					"
-36R	" " "	CHIP	0.45	N/A	61					"
91B-30R	AS per 90G-31R(B). Silica bias to sample.	SELECT GRAB	—	N/A	360					BKB.

AREA: THE TWILIGHT ZONE
 PROPERTY: GASTARD LAKE (LAKE 1 CLAIM)

N.T.S. 920/10W

DATE OCTOBER 1989

* For location, see Figure 8 (Rock) SAMPLE REPORT

Text Section B.2.1.4

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH (METRES)	DPM AS	PID PM.	GEOCHEM				SAMPLED BY
96-69F	Angular boulder, ~ 30 cm x 22 cm x 22 cm, red and gray volcanic flow w/ strong vuggy silica w/ stockwork.	GRAB	-	8	760					ACG
-70R	Green dacitic volcanic rock w/ vuggy silica w/ths. to 8 mm.	CHIP	0.3	15	590					"
-71R	Massive silica vein material, locally vuggy w/ lim + MnO ₂	CHIP	0.65	8	580					"
-72R	Quartz breccia, locally massive	"	0.65	9	1860					"
-73R	As per 91G-70R, w/ abundant vuggy silica w/ths.	"	0.3	19	460					"
-74R	Composite grab of quartz breccia material	SELECT GRAB	-	18	850					"
-75R	Random grab of quartz breccia material	GRAB	-	10	81					"
-76R	Quartz breccia, locally vuggy silica stockwork in host dacite. Heavy MnO ₂ , lim, Hem.	"	-	8	76					"
-77R	Massive to vuggy silica, minor quartz breccia. Locally intense oxides.	CHIP	2.0	4	33					"
-78R	Random grab of quartz vein breccia material	GRAB	-	3	8					"

AREA: NORTH OF GAS 1, 2 AND 5 CLAIMS.
 PROPERTY: GASPARD LAKE.

N.T.S. 920/10 E & W
 DATE OCTOBER 1989

* For location, see Figures 4 & 5 (Rock) SAMPLE REPORT

Text Section B.2.3

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH (METRES)	PPM		GEOCHEM.				SAMPLED BY	
				As	Pb						
91B-10R	Felsite or rhyolite dyke (?) w/ minor vuggy silica veining (chalce- donous) w/ limonite.	GRAB	—	17	11						BKB.
-11R	Similar to 91B-10R. w/ mod. vuggy silica veining (chalcedonous) w/ mod. lim + Hem.	"	—	7	2						"
-12R	Intensely clay-affected granodiorite w/ locally lim + Hem ± silica (?) fracture fillings	"	—	4	1						"
-13R	Strongly clay-affected granodiorite w/ locally minor siliceous veining (not vuggy). Very rusty.	"	—	2	1						"
-29R	Rusty, fractured granodiorite in fault zone. Heavy MnO ₂ .	"	—	15	1						"
-53F	Granitic rock, feldspars moderately kaolinized, 2-3% diss. by	"	—	3	7						"
916-5R	Heavy MnO ₂ + Hem in affected intrusive w/ silica vhs (vuggy).	"	—	2	2						ACG
-46F	Float of brecciated, clay-affected intrusive (?) w/ siderite (?) as matrix to fragments.	"	—	3	5						"

AREA: GAS 1 CLAIM
 PROPERTY: GASPARD LAKE.

N.T.S. 920/10W1
 DATE OCTOBER 1989

* For location, see Figures 425 (rock) SAMPLE REPORT Text Section 8.2.4

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH (METRES)	PAM	MS	GEOCHEM					SAMPLED BY	
				AS	A4.							
20B-2F	Kaolinized granodiorite (?) Rusty, w/ strong lim. + Hem. Sil. vhs (w/ carb) locally. Moderately brecciated in part.	GRAB	-	9	1							BMB,
-4F	Granodiorite float cut by siderite vein.	"	-	10	2							"
-15F	0.3 m diameter, subrounded float of granodiorite w/ intense, massive and vuggy lim + MnO ₂ + silica	"	-	277	15							"
-16R	Sheeted and brecciated granodiorite (?) w/ lim. + MnO ₂ + minor dark grey chalcidony.	"	-	30	7							"
-22R	Weakly kaolinized granodiorite (?) or possibly siliceous rhyolite	"	-	3	5/							"
-23R	0.5 m diameter, angular float of mafic granodiorite, w/ strong, vuggy (macroterminations) quartz veins.	"	-	4	3							"
-31R	Brecciated granodiorite w/ vuggy carbonate + lim + MnO ₂ ; goethite after Pyrite.	"	-	5	22							"

AREA : GAS 1 CLAIM - CONTINUED

N.T.S. 920/10W

PROPERTY : GASPARO LAKE.

DATE OCTOBER 1989.

* For location, see Figures 485 (Rock) SAMPLE REPORT

Text Section B.2.4

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH (METRES)	P1M A5	P10 A4.	GEOCHEM.					SAMPLED BY	
20B-32R	Peruasively epidotized granodiorite w/ vuggy, somewhat rusty, quartz vhs.	GRAB	-	2	5							BWB.
-33F	Kaolinized granodiorite w/ strong lim + MnO2 + minor silica vhs.	"	-	13	4							"
-47R	Strongly kaolinized granodiorite, wk-mod. chalc. veining, minor brecciation	"	-	18	14							"
-48F	Kaolinized granodiorite, intense Hem + lim, weak brecciation, poss. some sil. infilling.	"	-	66	87							"
-72F.	Siliceous, cherty, tan-pink coloured rock w/ vuggy silica. Heavy lim + MnO2 coating fract.	"	-	3	4							"
906-8R	Silica rich, brecciated, highly limonitic, altered intrusive. Vuggy quartz/carbonate; some Mn & Hem.	"	-	22	1							ACG
-9R	Similar to 906-8R, except more carbonate rich.	"	-	20	1							"
-10F	Small float pieces in 2m x 1m area. Very rusty (lim + Hem) altered intrusive w/ large carbonate clasts	"	-	5	1							"

AREA : GAS 1 CLAIM - CONTINUED
 PROPERTY : GASLAND CLAIM.

N.T.S. 920/10W.
 DATE OCTOBER 1989.

* For location, see Figures 485 (Rock) SAMPLE REPORT

Text Section 8.2.4

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ANAL.		GEOCHEM.						SAMPLED BY
				AS	A4.							
205-11F	Angular float. Extremely silicious altered intrusive(?). Intense quartz stockwork (white/bull to chalcocenic)	GRAB	—	2	2							ACG
-15F	Rusty, pyritic float. Intrusive? Volcanic?	"	—	17	2							"
-16R	Felsite dyke ~ .4m wide, cuts altered intrusive.	"	—	2	210							"
-17R	Brecciated, clay-altered intrusive. Intense Lim + Hem. Minor vuggy silica.	"	—	393	67							"
-18R	Very rusty, bleached, intensely altered intrusive. Possible vuggy silica	"	—	17	17							"
-19F	2 cm wide siliceous vth. cuts strongly kaolinized granodiorite.	"	—	6	7							"
-20F	Very coarse crystalline quartz in relatively fresh green-colored intrusive. Quartz is white and very vuggy. Also mod. amount of Lim.	"	—	5	18							"
-22R	Relatively fresh granodiorite, rusty, w/ minute, rusty, open veins (quartz?)	"	—	16	5							"
-23F	Composite grab of siliceous, hematitic altered intrusive float	"	—	17	6							"

AREA: GAS 1 CLAIM - CONTINUED.

N.T.S. 920/10W

PROPERTY: GASTARD LAKE.

DATE OCTOBER 1989.

* For location, see Figures 485 (Rock) SAMPLE REPORT

Text Section B.2.4

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	PPM		GEOCHEM.				SAMPLED BY
				As	Au.					
906-39F	Uggy quartz (macro terminations) in weakly chl-clay altered granitic rock.	GRAB	—	6	17					ACG
-40F	Similar to 906-39F; highly siliceous w/ some coarse crystalline quartz, uggy	"	—	2	8					"
-41F	Composite of several float pieces of fine grained igneous at poss. volc. rocks; brecciated; coarse, uggy quartz & abundant visible pyrite in quartz and disseminated in frags.	"	—	3	5					"
-42F	Composite of numerous granitic float pieces, brecciated, w/ cse. uggy quartz. Cse Py (?) in quartz.	"	—	2	4					"
-43F	Brecciated volc. (?), lots of void space, rusty w/ MnO ₂ rich coatings, v. minor silic. Poss. carb.	"	—	3	2					"
-55F	Altered (silicified) intrusive w/ heavy Lim + Hem. Some rusty ugs	"	—	69	12					"
-103F	Altered intrusive w/ cse, uggy quartz. Heavy Mn + Hem.	"	—	15	2					"

AREA: BEAGL SHOWING (GAS CLAIM)
 PROPERTY: GASPAD LAKE

N.T.S. 920/10W.
 DATE OCTOBER 1989

* For location, see Fig. 9 (Rock) SAMPLE REPORT

Text Section B.2.4.1

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH (METRES)	AN	AD.	GEOCHEM					SAMPLED BY	
				AS	A4							
9DB-17R	Siliceous, somewhat vuggy, vein material.	GRAB	-	11	10							BUB.
-18R	Chip of vein across full width.	CHIP	0.9	17	13							"
-19R	Rusty, bleached, strongly fractured volcanic = rather well tacks.	"	0.6	27	8							"
-20R	As per 19R, except south well tacks	"	0.9	43	14							"
-21R	Intense clay selvage at vein contacts	GRAB	-	15	7							"
9DG-12R	As per 9AB-17R, except with intense Mn staining	"	-	4	6							ACG
-13R	Fresh andesite w/ pyrite in fract.	"	-	13	3							"
-14R	" " w/ minor silica offs	"	-	8	3							"

AREA : GAS 2 CLAIM.

N.T.S. 920/10E.

PROPERTY : GASPARD LAKE.

DATE OCTOBER 1989.

For location, see Figure 4 (ROCK) SAMPLE REPORT

Text Section 8.2.5

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH (METRES)	714	77B.	GEOCHEM.					SAMPLED BY	
				AS	A4.							
77B-1F.	0.1 m diameter sub-angular float of rusty (Lim + Hem) clay- altered granitic rock, w/ silica uhs, vuggy in part.	GRAB	-	42	9							BKB.
-24F.	Sheeted, chloritized andesite w/ minor chalcedony uhs.	"	-	2	1							"
-54F.	Angular float of rusty (?), w/ vuggy carbonate veining.	"	-	5	1							"
77B-2R	Rusty, vuggy, siliceous breccia, nice, open space filling.	"	-	8	2							ACG
-3R.	Very rusty and brecciated, altered intrusive; silica as matrix and veinlets.	"	-	12	4							"
-24R.	Brecciated mafic volcanic flow w/ white amygdales. Calcite as matrix and crystalline to fragments	"	-	11	2							"

AREA: GAS 3 CLAIM.
 PROPERTY: GASALI LAKE.

N.T.S. 920/10E.
 DATE OCTOBER 1989.

For location, see Figure 4 (Rock) SAMPLE REPORT

Text Section 8.2.6

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH (mm)	PAH	PPB.	GEOCHEM.				SAMPLED BY	
				A5	A4.						
213-28F	0.7 m diameter, rusty, subangular bull quartz float.	GRAB	—	2	1						BLB.
-55R	Blocky subcrop of rusty feldspar porphyry dike(?). Siliceous ground- mass, poss. rhyolite. Goethite after possible disseminated pyrite.	"	—	3	1						"
-56R	Rusty volcanic subcrop w/ wk- mod. carbonate veining.	"	—	9	2						"
216-26R	Fresh volcanic cut by ~4 cm wide quartz/epidote vein. Quartz bias on sample.	SELECT GRAB	—	4	3						ACG
-27F	Fresh green volcanic cut by 5 cm wide quartz vein.	GRAB	—	2	2						"
-28R	Quartz vein stockwork in massive volcanic. Minor epidote & rust.	"	—	4	3						"
-31R(A)	Rusty fault zone in andesitic volc. Rare silica veinlets.	"	—	2	10						"
-85F	Blue/grey volcanic flow w/ abundant white sulphides.	"	—	2	2						"
-86F	Quartz feldspar porphyry float w/ heavy MnO ₂ + lim. minor silica.	"	—	3	1						"

APPENDIX III

STATEMENTS OF COST

STATEMENT OF COSTS

Gaspard Lake Property

WORK DONE : Prospecting and geochemical surveys on the Fame 1,
Fortune 1, Gas 1-7, 9, 11, 14-17 and 19 claims

WORK PERIOD : May 23 to June 13, 1989
B.K. Bowen and A.C. Gordon

IN SUPPORT OF: Statements of Work filed in Vancouver on October
30, 1989. Total amount applied to claims= \$7200.00
(1 year each to the Gas 1,2,4 and 6 claims - 72
units total)

WAGES

B.K. Bowen: 22 days @ \$200/day=	\$4400.00	
A.C. Gordon: 22 days @ \$150/day	3300.00	
	<hr/>	
	\$7700.00	\$7700.00

FOOD AND ACCOMODATION

Groceries and Meals		543.78
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TRANSPORTATION

4 x 4 Truck Rental: 22 days @ \$40/day=	\$ 880.00	
Gas, Maintenance, Repairs=	1239.11	
	<hr/>	
	\$2119.11	2119.11

ANALYTICAL

107 rock samples, Au & As, @ \$10.75/sample=	\$1150.25	
17 " " , Au , @ \$ 7.50/sample=	127.50	
35 soil " , Au & As, @ \$ 8.60/sample=	301.00	
7 silt " , Au & As, @ \$ 8.60/sample=	60.20	
1 ppt. " , Au & As, @ \$10.75/sample=	10.75	
	<hr/>	
	\$1649.70	1649.70

EQUIPMENT AND SUPPLIES

Total Cost		248.88
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COMMUNICATIONS

Mobile radio telephone rental=	\$ 153.00	
Phone calls & service charges=	96.89	
	<hr/>	
	\$ 249.89	249.89

REPORT PREPARATION

\$

Author: B.K. Bowen, 4 days @ \$300/day=	\$1200.00	
Typing 1 day @ \$100/day=	100.00	
Xeroxing, Reproduction=	200.00	
	<hr/>	
	\$1500.00	\$ 1500.00

OTHER

Total Cost (includes air photos, freight, courier) . 277.50

TOTAL COST * \$14,288.86

* Includes pro-rated prospecting costs of \$4460.80 incurred on the Fame 1 claim and north of the Gas 1, 2 and 5 claims. B.K. Bowen previously submitted a prospecting report on the Fame 1 claim in May, 1988. The pro-rated costs of \$4460.80 were not considered for current assessments credits.

Note: Worksheet showing pro-rata cost distribution for grouping purposes follows this cost statement.

*B. K. Bowen
Oct. 24/89*

Worksheet
 Pro-rata Cost Distribution
 for Grouping Purposes

<u>Cost Category</u>	<u>Group A¹</u> \$	<u>Group D²</u> \$
Wages	1750.00	2450.00
Food and Accomodation	123.59	173.02
Transportation	481.62	674.26
Analytical	451.50	632.10
Equipment & Supplies	56.57	79.18
Communications	56.79	79.52
Report	340.91	477.27
Other	63.07	88.30
	<hr/>	<hr/>
Total \$ in group:	\$3324.05	\$4653.65
Total \$ applied to group:	\$3200.00	\$4000.00
1 year each applied to:	Gas 4&6 (32 units total)	Gas 1&2 (40 units total)

- 1 - Notice to Group #16, dated 88-12-09 and consisting of the following claims: Fame 1, Fortune 1, Gas 4, 6 and 11
- 2 - Notice to Group #27, dated 89-02-13 and consisting of the following claims: Gas 1 to 3, 5 and 8

B. K. Bowel
Oct. 24/89.

STATEMENT OF COSTS

Gaspard Lake Property

WORK DONE : -Prospecting and recce soil geochemistry on the Gas 18 to 20 claims, B.K. Bowen and A.C. Gordon
-Geological mapping and recce soil geochemistry on the Gas 18 to 20 claims, Canamax Resources Inc.

WORK PERIOD : -June 5, 1989 B.K. Bowen and A.C. Gordon
-July 18-26, 1989 B.K. Bowen
-October, 1988 Canamax Resources Inc.

IN SUPPORT OF : Statement of Work filed in Vancouver on August 1, 1989. Total amount applied to claims = \$6000.00 (1 year each to the Gas 18 to 20 claims -60 units total)

(A) COSTS FOR JUNE 5, 1989

\$

Pro-rated costs calculated from total cost for period May 23 - June 13, 1989 =	\$ 596.00
Subtotal A =	<u>\$ 596.00</u>

(B) COSTS FOR PERIOD JULY 18-26, 1989

WAGES

B.K. Bowen: 7.5 days @ \$200/day=	\$ 1500.00
-----------------------------------	------------

FOOD AND ACCOMODATION

Pinette & Therrien: 8 man-days @ \$45/day=	\$ 360.00
Groceries and meals=	28.75
	<u>\$ 388.75</u>
	388.75

TRANSPORTATION

4 x 4 Truck Rental: 7.5 days @ \$40/day=	\$ 300.00
Gas, Maintenance, Repairs:	615.83
	<u>\$ 915.83</u>
	915.83

ANALYTICAL

92 soil samples, Au, As, Hg, @ \$11.10=	\$1021.20
4 rock " " " " @ \$13.25=	53.00
	<u>\$1074.20</u>
	1074.20

Communications

\$

Mobile radio telephone rental:

\$ 26.50

Report Preparation

Author: B.Bowen, 1 day @ \$300/day=	\$ 300.00	
Typing: =	25.00	
Xeroxing, Reproductions=	25.00	
	<hr/>	
	\$ 350.00	

350.00

Subtotal B =

\$4255.28

(C) COSTS FOR OCTOBER, 1988 (CANAMAX RESOURCES INC.) *

Wages

D.B. Fleming 2 days @ \$187.58/day=	\$ 375.16	
T. Robinson 2 days @ \$120.00/day=	240.00	
	<hr/>	
	\$ 615.16	

615.16

Food and Accomodation

Pinette & Therrien 4 man-days @ \$45/day=

180.00

Transportation

4 X 4 Truck Rental: 2 days @ \$50/day=	\$ 100.00	
Gas	25.00	
	<hr/>	
	\$ 125.00	

125.00

Analytical

17 rock samples, Au,As,Cu, @ \$9.65/sample=	\$ 164.05	
43 soil samples, Au,As,Cu, @ \$7.65/sample=	328.95	
	<hr/>	
	\$ 493.00	

493.00

Subtotal C =

\$1413.16

TOTAL COST (A + B + C)=

\$6264.44

* This work was not grouped, nor were any assessment credits applied to the Gas 18 to 20 claims in previous Canamax

Statements of Work filed on December 9, 1988 and February 13, 1989. It therefore has been claimed for assessment credits in the Statement of Work filed on August 1, 1989.

B. K. Bower
Oct. 24/89.

APPENDIX IV

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Brian K. Bowen, of Surrey, in the Province of British Columbia, DO HEREBY CERTIFY THAT:

1. I am a Consulting Geological Engineer with an office at 12470 99A Avenue, Surrey, British Columbia, V3V 2R5, Telephone (604) 585-1739.
2. I am a graduate of the University of British Columbia with a degree of Bachelor of Applied Science in Geological Engineering obtained in 1970.
3. I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.
4. This report is based on my personal knowledge of the property from on-site examinations made during the periods May 23 to June 13, 1989 and July 18 to July 26, 1989. It is also based on a review of all information on the property.
5. I am a joint owner of the Gaspard Lake Property along with Aidan C. Gordon of Vancouver, B.C.

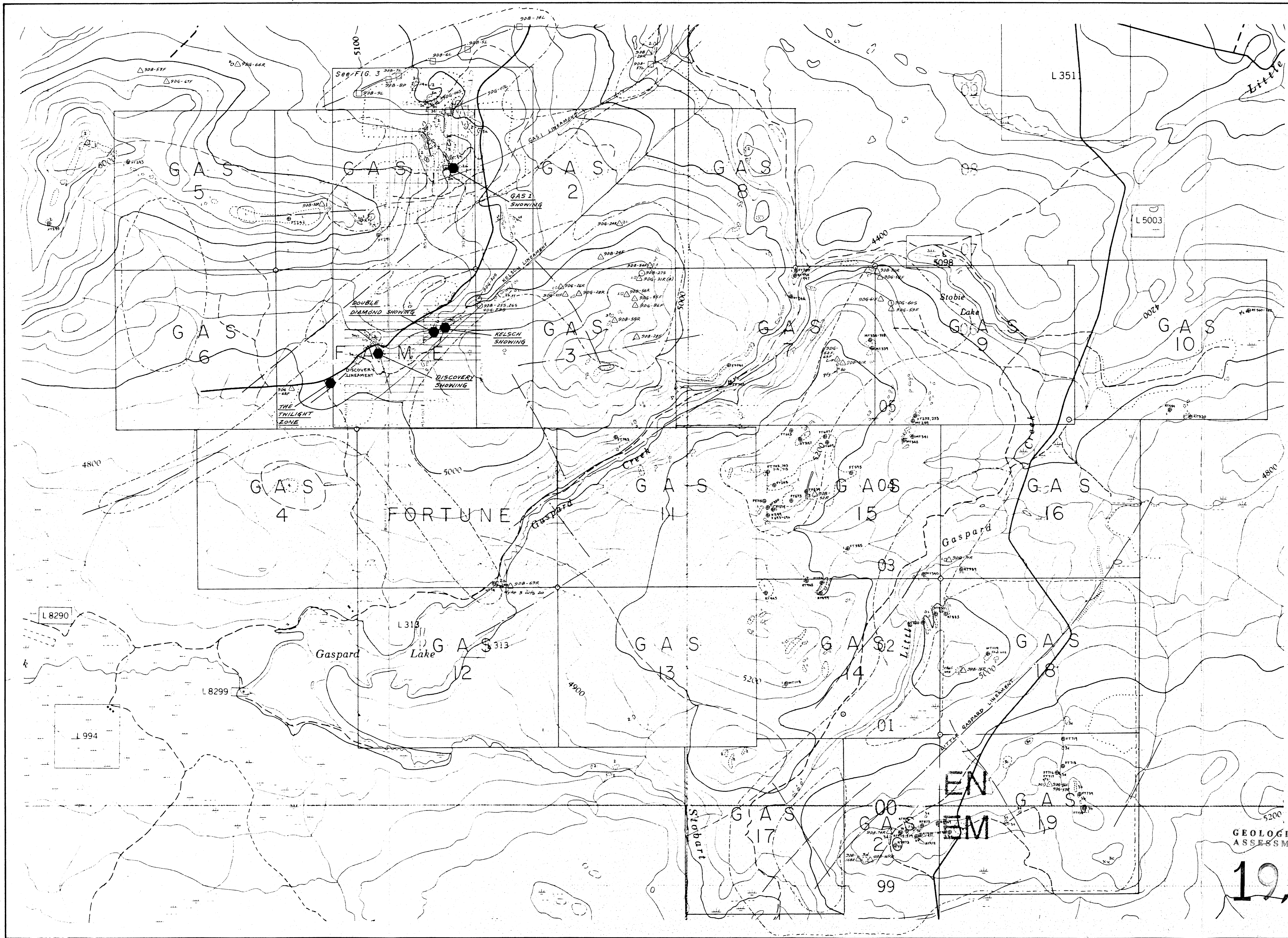
Dated at Surrey, British Columbia, this twenty-fourth day of October, 1989.

B. K. Bowen

October 24, 1989
Surrey, B.C.
BKB/mb

B.K. Bowen, P. Eng.
Consulting Geologist.

*B. K. Bowen
Oct. 24/89.*



- LEGEND**
- TERTIARY**
- 4 Vesicular basalt. 4c Basalt dyke.
 - 3 Rhyolite dyke. 3a Rhyolite tuff. 3b Massive rhyolite.
 - 3c Dacite. 3d Coarse volcanic breccia. 3e Andesite.
- CRETACEOUS**
- 2 Granodiorite. 2a Kaolinized granodiorite. 2b Granite.
- JURASSIC**
- 1 Green to purple andesite or volcanic breccia. 1a Fresh to weakly kaolinized. 1b Moderately kaolinized. 1c Strongly kaolinized.

ch Chalcodony ml Malachite qz Quartz v Veins

- SYMBOLS**
- Outcrop.
 - △ Floor or boulder.
 - Geological contact (defined, approximate).
 - Lineament.
 - ∠ Jointing attitude, inclined.
 - ⊙ Rock chip sample site, sample number (all sample numbers should be prefixed by 886 in 886RT484).
 - ⊕ Grid.
 - ⊙ Legal corner post, claim boundary.
 - Limit of clear cut logging.
 - Road.
 - Secondary road.
 - ~ Stream.
 - ~ Swamp.
 - ⋯ Esker.
 - Topographic contour (contour interval 100 feet).
 - ∠ Vain attitude (inclined, vertical).

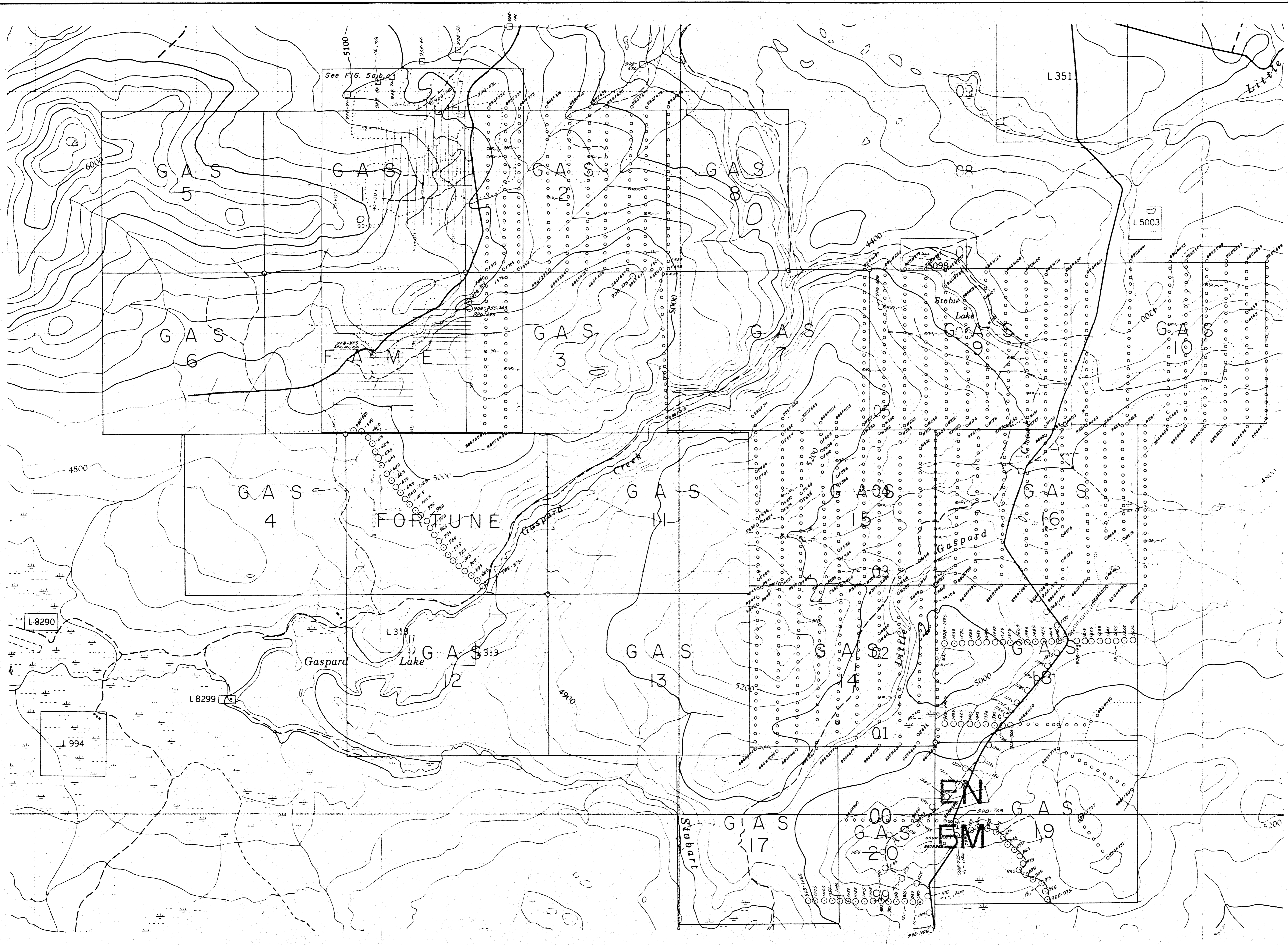
NOTE
Base map after 1:50,000 N.T.S. Sheets 92 0 7 and 10, modified.

- △ 908-558 1989 rock (outcrop) sample site and number, Bowen & Gordon
 - △ 906-276 1989 rock (float) sample site and number, Bowen & Gordon
 - 908-275 1989 soil sample site and number, Bowen & Gordon
 - 908-571 1989 silt sample site and number, Bowen & Gordon
 - 908-82 1989 precipitate sample site and number, Bowen & Gordon
- Limit of 1989 prospecting area
● Au showing

GEOLOGICAL BRANCH GASPARD LAKE PROPERTY ASSESSMENT REPORT
CLINTON MINING DIVISION — BRITISH COLUMBIA

19,251 PROPERTY GEOLOGY
SCALE 1:20,000
To accompany 1989 Report by: B. K. Bowen
Vancouver —

B. K. Bowen
Oct. 24/89
N.T.S. Ref. 92 0 7 and 10
FIG. 4



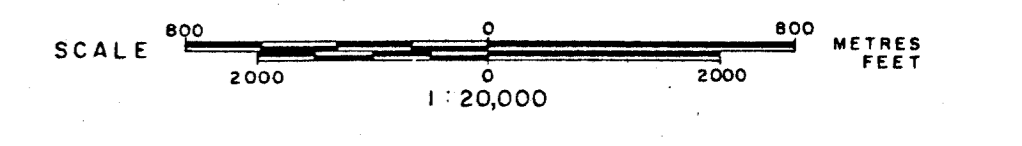
- S Y M B O L S**
- 928-977 Soil sample site, sample number.
 - 30- Anomalous soil sample (where ≥ 10 ppb Au, ≥ 20 ppm As, ≥ 100 ppm Cu).
 - Grid.
 - Legal corner post, claim boundary.
 - ⋯ Limit of clear cut logging.
 - Road.
 - Secondary road.
 - Stream.
 - Swamp.
 - ||||| Esker.
 - Topographic contour (contour interval 100 feet).
 - 928-975 1989 soil sample site, Bowen and Gordon, sample no. shown.
 - 928-1225 1989 soil sample site, Bowen and Gordon, " "
 - 928-572 1989 soil sample site, Bowen and Gordon, " "
 - 928-87 1989 precipitate sample site, Bowen and Gordon, " "
 - 11-120 Anomalous soil sample (where ≥ 10 ppb Au, ≥ 20 ppm As, ≥ 100 ppb Hg).
- NOTE**
 Base map after 1:50,000 N.T.S. Sheets 92 0 7 and 10, modified.

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

19,251 B.K. Bower
 Oct. 24/89

**GASPARD LAKE PROPERTY
 FAME, FORTUNE AND GAS CLAIMS
 CLINTON MINING DIVISION — BRITISH COLUMBIA**

PROPERTY SOIL GEOCHEMISTRY



To accompany 1989 Report by B.K. Bower
 Vancouver —